



## Annex B

### PISA 2012 DATA

All tables in Annex B are available on line

**Annex B1:** Results for countries and economies

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**Annex B2:** Results for regions within countries

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**Annex B3:** List of tables available on line

The reader should note that there are gaps in the numbering of tables because some tables appear on line only and are not included in this publication.

#### Notes regarding Cyprus

**Note by Turkey:** The information in this document with reference to “Cyprus” relates to the southern part of the Island. There is no single authority representing both Turkish and Greek Cypriot people on the Island. Turkey recognises the Turkish Republic of Northern Cyprus (TRNC). Until a lasting and equitable solution is found within the context of the United Nations, Turkey shall preserve its position concerning the “Cyprus issue”.

**Note by all the European Union Member States of the OECD and the European Union:** The Republic of Cyprus is recognised by all members of the United Nations with the exception of Turkey. The information in this document relates to the area under the effective control of the Government of the Republic of Cyprus.

#### A note regarding Israel

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

## ANNEX B1

## RESULTS FOR COUNTRIES AND ECONOMIES

[Part 1/1]

## Relationship between education outcomes and selecting and grouping students

Table IV.1.1 System-level correlations


		OECD countries											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Vertical stratification	Standard deviation of grade levels that 15-year-old students attend	-0.29	(0.09) <sup>1</sup>	-0.37	(0.08) <sup>1</sup>	<b>0.56</b>	(0.00)	<b>0.56</b>	(0.00)	<b>0.37</b>	(0.03)	<b>0.38</b>	(0.03)
	Standard deviation of age of entry into primary school	-0.21	(0.24)	-0.32	(0.07)	0.06	(0.72)	0.11	(0.55)	-0.17	(0.34)	-0.14	(0.44)
	Percentage of students who repeated one or more grades	-0.14	(0.43)	-0.25	(0.16)	<b>0.39</b>	(0.02)	<b>0.45</b>	(0.01)	<i>0.33</i>	(0.06)	<b>0.38</b>	(0.03)
Horizontal stratification (between schools)	Number of school types or distinct education programmes available for 15-year-olds	0.13	(0.47)	0.10	(0.58)	0.23	(0.18)	0.26	(0.15)	<b>0.62</b>	(0.00)	<b>0.65</b>	(0.00)
	Percentage of students enrolled in a programme with a pre-vocational or vocational curriculum	0.00	(0.98)	0.04	(0.84)	0.02	(0.93)	0.00	(0.99)	<b>0.50</b>	(0.00)	<b>0.50</b>	(0.00)
	Number of years between age of selection and age 15	0.11	(0.55)	0.10	(0.57)	<i>0.37</i>	(0.07) <sup>1</sup>	<i>0.32</i>	(0.07) <sup>1</sup>	<b>0.61</b>	(0.00)	<b>0.63</b>	(0.00)
	Percentage of students in selective schools	0.22	(0.21)	0.20	(0.28)	0.13	(0.46)	0.15	(0.41)	<b>0.54</b>	(0.00)	<b>0.56</b>	(0.00)
Horizontal stratification (within schools)	Percentage of students in schools that transfer students to other schools due to low achievement, behavioural problems or special learning needs	-0.20	(0.26)	-0.17	(0.33)	<i>0.30</i>	(0.09)	0.29	(0.10)	<b>0.48</b>	(0.00)	<b>0.47</b>	(0.01)
Horizontal stratification (within schools)	Percentage of students in schools that group students by ability for all mathematics classes	-0.06	(0.73)	-0.07	(0.71)	-0.10	(0.59)	-0.10	(0.59)	-0.23	(0.18)	-0.24	(0.19)

		All participating countries and economies											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Vertical stratification	Standard deviation of grade levels that 15-year-old students attend	<b>-0.34</b>	(0.01)	<b>-0.36</b>	(0.00)	<b>0.25</b>	(0.05)	<b>0.26</b>	(0.04)	0.16	(0.22)	0.14	(0.26)
	Standard deviation of age of entry into primary school	-0.22	(0.07) <sup>1</sup>	<b>-0.32</b>	(0.01)	0.02	(0.85)	0.08	(0.54)	-0.05	(0.68)	-0.05	(0.67)
	Percentage of students who repeated one or more grades	<b>-0.26</b>	(0.04) <sup>1</sup>	<b>-0.34</b>	(0.01)	0.22	(0.09)	<b>0.25</b>	(0.05)	0.16	(0.21)	0.17	(0.18)
Horizontal stratification (between schools)	Number of school types or distinct education programmes available for 15-year-olds	0.04	(0.76)	0.04	(0.74)	0.19	(0.15)	0.20	(0.13)	<b>0.48</b>	(0.00)	<b>0.49</b>	(0.00)
	Percentage of students enrolled in a programme with a pre-vocational or vocational curriculum	-0.01	(0.94)	0.09	(0.49)	0.05	(0.71)	-0.01	(0.92)	<b>0.43</b>	(0.00)	<b>0.42</b>	(0.00)
	Number of years between age of selection and age 15	0.15	(0.24)	0.12	(0.35)	<b>0.37</b>	(0.00)	<b>0.42</b>	(0.00)	<b>0.56</b>	(0.00)	<b>0.61</b>	(0.00)
	Percentage of students in selective schools	0.18	(0.15)	0.15	(0.25)	-0.13	(0.30)	-0.09	(0.48)	<b>0.28</b>	(0.03)	<b>0.29</b>	(0.02)
Horizontal stratification (within schools)	Percentage of students in schools that transfer students to other schools due to low achievement, behavioural problems or special learning needs	-0.19	(0.13)	-0.19	(0.14)	0.04	(0.76)	0.05	(0.70)	<b>0.26</b>	(0.04)	0.23	(0.08)
Horizontal stratification (within schools)	Percentage of students in schools that group students by ability for all mathematics classes	<b>-0.26</b>	(0.04)	<b>-0.25</b>	(0.04)	-0.15	(0.22)	-0.17	(0.18)	-0.20	(0.11)	-0.23	(0.07)

Note: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold.

1. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, a superscript 1 appears in the cell.

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[Part 1/1]

## Relationship between education outcomes and resources invested in education


Table IV.1.2 System-level correlations

		OECD countries											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Financial resources	Cumulative expenditure by educational institutions per student aged 6 to 15	<b>0.41</b>	(0.02)	0.32	(0.08) <sup>1</sup>	-0.19	(0.30)	-0.13	(0.49)	-0.18	(0.31)	-0.12	(0.51)
	Teachers' salaries relative to GDP/capita <sup>2</sup>	0.32	(0.08)	0.31	(0.10)	-0.05	(0.77)	-0.02	(0.91)	0.08	(0.66)	0.11	(0.57)
Human resources	Percentage of teachers with university-level qualifications	-0.20	(0.28)	-0.15	(0.41)	-0.04	(0.84)	-0.07	(0.70)	-0.26	(0.16)	-0.30	(0.10)
	Average index of teacher shortage	-0.27	(0.13)	<b>-0.41</b>	(0.02) <sup>1</sup>	-0.14	(0.42)	-0.10	(0.57)	0.08	(0.66)	0.13	(0.48)
	Student-teacher ratio	<b>-0.48</b>	(0.00) <sup>1</sup>	<b>-0.42</b>	(0.02) <sup>1</sup>	-0.03	(0.88)	-0.08	(0.64)	-0.01	(0.94)	-0.07	(0.71)
Material resources	Percentage of mathematics teachers at the school who have attended a programme of professional development with a focus on mathematics during the previous three months	0.06	(0.75)	0.01	(0.97)	-0.11	(0.52)	-0.09	(0.61)	-0.28	(0.10)	-0.27	(0.13)
	Average index of quality of physical infrastructure	0.26	(0.13)	0.31	(0.08) <sup>1</sup>	0.02	(0.93)	0.00	(0.99)	-0.12	(0.51)	-0.13	(0.46)
Time resources	Average index of quality of schools' educational resources	<b>0.63</b>	(0.00)	<b>0.58</b>	(0.00)	-0.02	(0.92)	0.04	(0.81)	0.13	(0.46)	0.20	(0.26)
	Average learning time in regular mathematics lessons	-0.32	(0.07) <sup>1</sup>	-0.30	(0.09) <sup>1</sup>	0.05	(0.80)	0.03	(0.89)	-0.25	(0.15)	-0.28	(0.12)
	Percentage of students in schools offering after-school lessons in mathematics	0.15	(0.39)	0.17	(0.35)	0.20	(0.25)	0.20	(0.25)	0.22	(0.20)	0.22	(0.21)
	Average number of hours per week spent on homework or other study set by teachers, all school subjects combined	-0.03	(0.85)	-0.04	(0.80)	-0.13	(0.48)	-0.12	(0.49)	-0.12	(0.50)	-0.12	(0.51)
	Average index of creative extracurricular activities at school	0.20	(0.26)	0.18	(0.32)	-0.02	(0.91)	0.00	(0.98)	0.02	(0.91)	0.03	(0.85)
	Average index of extracurricular mathematics activities at school	0.13	(0.45)	0.27	(0.14)	0.23	(0.19)	0.19	(0.29)	0.16	(0.38)	0.12	(0.51)
	Percentage of students reporting that they had attended pre-primary education for more than one year	<b>0.36</b>	(0.04) <sup>1</sup>	0.30	(0.09) <sup>1</sup>	-0.07	(0.68)	-0.04	(0.84)	0.17	(0.34)	0.21	(0.23)
		All participating countries and economies											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Financial resources	Cumulative expenditure by educational institutions per student aged 6 to 15	<b>0.55</b>	(0.00)	0.09	(0.52)	-0.15	(0.31)	-0.10	(0.48)	-0.13	(0.38)	-0.10	(0.50)
	Teachers' salaries relative to GDP/capita <sup>2</sup>	0.02	(0.91)	-0.05	(0.74)	-0.24	(0.09) <sup>1</sup>	-0.21	(0.14)	-0.08	(0.60)	-0.05	(0.73)
Human resources	Percentage of teachers with university-level qualifications	0.14	(0.28)	0.08	(0.52)	-0.16	(0.22)	-0.13	(0.32)	<b>-0.26</b>	(0.04) <sup>1</sup>	-0.23	(0.08) <sup>1</sup>
	Average index of teacher shortage	-0.14	(0.25)	-0.17	(0.18)	-0.13	(0.30)	-0.13	(0.30)	-0.06	(0.63)	-0.06	(0.62)
	Student-teacher ratio	<b>-0.37</b>	(0.00)	<b>-0.26</b>	(0.04) <sup>1</sup>	0.09	(0.50)	-0.03	(0.83)	0.00	(1.00)	-0.06	(0.66)
Material resources	Percentage of mathematics teachers at the school who have attended a programme of professional development with a focus on mathematics during the previous three months	0.10	(0.44)	0.02	(0.89)	-0.20	(0.11)	-0.17	(0.18)	-0.23	(0.07)	-0.20	(0.12)
	Average index of quality of physical infrastructure	<b>0.45</b>	(0.00)	<b>0.31</b>	(0.01) <sup>1</sup>	-0.01	(0.96)	0.13	(0.32)	-0.05	(0.67)	0.02	(0.86)
Time resources	Average index of quality of schools' educational resources	<b>0.66</b>	(0.00)	<b>0.51</b>	(0.00)	-0.10	(0.44)	0.15	(0.24)	0.04	(0.74)	0.22	(0.08)
	Average learning time in regular mathematics lessons	0.02	(0.85)	-0.07	(0.60)	-0.10	(0.46)	-0.06	(0.65)	<b>-0.27</b>	(0.03)	-0.25	(0.05)
	Percentage of students in schools offering after-school lessons in mathematics	0.10	(0.45)	0.13	(0.33)	-0.12	(0.35)	-0.14	(0.27)	-0.04	(0.78)	-0.03	(0.83)
	Average number of hours per week spent on homework or other study set by teachers, all school subjects combined	<b>0.31</b>	(0.01) <sup>1</sup>	<b>0.38</b>	(0.00) <sup>1</sup>	-0.07	(0.56)	-0.11	(0.41)	-0.12	(0.36)	-0.11	(0.38)
	Average index of creative extracurricular activities at school	<b>0.33</b>	(0.01)	<b>0.26</b>	(0.04)	-0.14	(0.26)	-0.08	(0.51)	-0.09	(0.48)	-0.05	(0.68)
	Average index of extracurricular mathematics activities at school	0.08	(0.51)	0.14	(0.26)	-0.12	(0.35)	-0.16	(0.20)	-0.11	(0.38)	-0.11	(0.39)
	Percentage of students reporting that they had attended pre-primary education for more than one year	<b>0.64</b>	(0.00)	<b>0.57</b>	(0.00)	0.09	(0.46)	0.23	(0.07) <sup>1</sup>	0.19	(0.12)	<b>0.28</b>	(0.03)

Note: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold.

1. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, a superscript 1 appears in the cell.

2. Weighted average of upper and lower secondary school teachers. The average is computed by weighting teachers' salaries for upper and lower secondary school according to the respective 15-year-old students' enrolment (for countries and economies with valid information on both the upper and lower secondary levels).

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[Part 1/1]

**Relationship between education outcomes and allocation of resources**Table IV.1.3 *System-level correlations*

		OECD countries											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Difference between socio-economically advantaged and disadvantaged schools <sup>1</sup> in:	Average index of teacher shortage	<b>0.41</b>	(0.02)	<b>0.47</b>	(0.01)	-0.20	(0.27)	-0.21	(0.23)	0.02	(0.90)	0.01	(0.96)
	Average index of quality of physical infrastructure	<b>-0.63</b>	(0.00)	<b>-0.63</b>	(0.00)	0.04	(0.83)	0.02	(0.91)	-0.06	(0.73)	-0.08	(0.66)
	Average index of quality of schools' educational resources	<b>-0.57</b>	(0.00)	<b>-0.55</b>	(0.00)	0.07	(0.71)	0.04	(0.83)	-0.09	(0.63)	-0.12	(0.51)
	Average learning time in regular mathematics lessons	0.16	(0.36)	0.24	(0.18)	-0.07	(0.70)	-0.10	(0.58)	0.26	(0.14)	0.24	(0.18)
	Average number of hours per week spent on homework or other study set by teachers, all school subjects combined	0.06	(0.75)	0.03	(0.87)	-0.06	(0.73)	-0.05	(0.79)	0.21	(0.23)	0.23	(0.20)
	Percentage of students reporting that they had attended pre-primary education for more than one year	-0.04	(0.81)	0.03	(0.88)	0.15	(0.40)	0.12	(0.50)	-0.23	(0.19)	-0.27	(0.13)
		All participating countries and economies											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Difference between socio-economically advantaged and disadvantaged schools <sup>1</sup> in:	Average index of teacher shortage	-0.02	(0.88)	-0.04	(0.78)	-0.20	(0.12)	-0.20	(0.13)	-0.13	(0.29)	-0.13	(0.31)
	Average index of quality of physical infrastructure	<b>-0.46</b>	(0.00)	<b>-0.44</b>	(0.00)	0.08	(0.52)	0.04	(0.75)	0.00	(0.98)	-0.04	(0.78)
	Average index of quality of schools' educational resources	<b>-0.53</b>	(0.00)	<b>-0.44</b>	(0.00)	0.20	(0.12)	0.12	(0.36)	0.00	(0.99)	-0.07	(0.56)
	Average learning time in regular mathematics lessons	-0.05	(0.68)	0.12	(0.35)	0.02	(0.85)	-0.07	(0.57)	0.21	(0.09)	0.16	(0.21)
	Average number of hours per week spent on homework or other study set by teachers, all school subjects combined	<b>0.39</b>	(0.00)	<b>0.44</b>	(0.00)	0.11	(0.40)	0.11	(0.39)	0.25	(0.05)	<b>0.25</b>	(0.05)
	Percentage of students reporting that they had attended pre-primary education for more than one year	<b>-0.36</b>	(0.00)	-0.19	(0.14)	0.11	(0.39)	-0.02	(0.90)	-0.09	(0.49)	-0.21	(0.10)

Note: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold.

1. See Box IV.3.1 for the definition of socio-economically advantaged and disadvantaged schools.

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[Part 1/1]

**Relationship between education outcomes and school governance, assessment and accountability policies**Table IV.1.4 *System-level correlations*

			OECD countries											
			Mathematics performance		Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students		Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools							
			Before accounting for GDP/capita	After accounting for GDP/capita	Before accounting for GDP/capita	After accounting for GDP/capita	Before accounting for GDP/capita	After accounting for GDP/capita						
			Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value				
School governance	School autonomy	Average index of school responsibility for curriculum and assessment	<b>0.49</b>	(0.00)	<b>0.58</b>	(0.00)	-0.08	(0.63)	-0.11	(0.54)	0.14	(0.44)	0.12	(0.52)
		Average index of school responsibility for resource allocation	-0.01	(0.95)	0.00	(1.00)	0.12	(0.50)	0.12	(0.52)	0.14	(0.44)	0.13	(0.46)
	School competition	Percentage of students in schools that compete with other schools in the same area	-0.02	(0.93)	0.07	(0.71)	0.26	(0.13)	0.24	(0.18)	<i>0.33</i>	(0.06) <sup>1</sup>	<i>0.31</i>	(0.08) <sup>1</sup>
		Percentage of students in private schools	0.14	(0.44)	0.11	(0.53)	0.06	(0.72)	0.08	(0.65)	0.18	(0.32)	0.19	(0.28)
Assessment and accountability policies	Percentage of students in schools that use achievement data to:	Post achievement data publicly	-0.21	(0.23)	-0.15	(0.42)	0.09	(0.61)	0.06	(0.76)	0.01	(0.96)	-0.03	(0.88)
		Have their progress tracked by administrative authorities	<b>-0.34</b>	(0.05)	<i>-0.31</i>	(0.08)	0.06	(0.73)	0.04	(0.83)	<i>-0.30</i>	(0.09)	<i>-0.33</i>	(0.06)
	Percentage of students in schools that:	Seek written feed-back from students for quality assurance and improvement	0.16	(0.36)	<i>0.34</i>	(0.05)	-0.22	(0.20)	<i>-0.31</i>	(0.07)	-0.05	(0.80)	-0.11	(0.53)
		Mentor teachers for quality assurance and improvement	0.24	(0.17)	0.26	(0.14)	-0.15	(0.40)	-0.15	(0.40)	0.03	(0.88)	0.02	(0.89)
			All participating countries and economies											
			Mathematics performance		Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students		Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools							
			Before accounting for GDP/capita	After accounting for GDP/capita	Before accounting for GDP/capita	After accounting for GDP/capita	Before accounting for GDP/capita	After accounting for GDP/capita						
			Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value				
School governance	School autonomy	Average index of school responsibility for curriculum and assessment	<b>0.38</b>	(0.00)	<b>0.37</b>	(0.00)	-0.13	(0.29)	-0.11	(0.38)	-0.04	(0.77)	-0.01	(0.93)
		Average index of school responsibility for resource allocation	0.14	(0.26)	0.10	(0.44)	-0.05	(0.67)	-0.03	(0.81)	-0.04	(0.73)	-0.02	(0.85)
	School competition	Percentage of students in schools that compete with other schools in the same area	0.12	(0.36)	0.19	(0.14)	0.11	(0.39)	0.06	(0.65)	0.10	(0.43)	0.12	(0.34)
		Percentage of students in private schools	0.17	(0.19)	0.01	(0.93)	-0.22	(0.09) <sup>1</sup>	-0.15	(0.23)	-0.10	(0.43)	-0.03	(0.82)
Assessment and accountability policies	Percentage of students in schools that use achievement data to:	Post achievement data publicly	-0.03	(0.83)	0.02	(0.90)	0.00	(0.98)	-0.04	(0.79)	-0.04	(0.77)	-0.05	(0.67)
		Have their progress tracked by administrative authorities	<b>-0.36</b>	(0.00)	<b>-0.32</b>	(0.01)	0.00	(0.98)	-0.07	(0.61)	<b>-0.28</b>	(0.02)	<b>-0.31</b>	(0.01)
	Percentage of students in schools that:	Seek written feed-back from students for quality assurance and improvement	0.13	(0.32)	0.20	(0.11)	<b>-0.26</b>	(0.04)	<b>-0.29</b>	(0.02)	-0.13	(0.29)	-0.18	(0.15)
		Mentor teachers for quality assurance and improvement	0.03	(0.79)	0.05	(0.72)	<b>-0.26</b>	(0.04)	<b>-0.27</b>	(0.04)	-0.07	(0.59)	-0.07	(0.57)

Note: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold.

1. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, a superscript 1 appears in the cell.

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[Part 1/1]

**Relationship between education outcomes and the learning environment**Table IV.1.5 *System-level correlations*

		OECD countries											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Student truancy	Percentage of students who arrived late for school in the two weeks prior to the PISA test	<b>-0.51</b>	(0.00)	<b>-0.44</b>	(0.01)	0.07	(0.71)	0.01	(0.93)	-0.30	(0.08)	<b>-0.38</b>	(0.03)
	Percentage of students who skipped some lessons or a day of school in the two weeks prior to the PISA test	<b>-0.48</b>	(0.00)	<b>-0.40</b>	(0.02)	-0.05	(0.77)	-0.12	(0.52)	-0.15	(0.41)	-0.22	(0.23)
		All participating countries and economies											
		Mathematics performance				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students				Variation in mathematics performance explained by the PISA index of economic, social and cultural status of students and schools			
		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita		Before accounting for GDP/capita		After accounting for GDP/capita	
		Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value	Corr.	p-value	Partial corr.	p-value
Student truancy	Percentage of students who arrived late for school in the two weeks prior to the PISA test	<b>-0.53</b>	(0.00)	<b>-0.43</b>	(0.00)	<b>0.31</b>	(0.01)	0.22	(0.09) <sup>1</sup>	-0.04	(0.74)	-0.11	(0.41)
	Percentage of students who skipped some lessons or a day of school in the two weeks prior to the PISA test	<b>-0.52</b>	(0.00)	<b>-0.41</b>	(0.00)	0.06	(0.65)	-0.08	(0.56)	-0.11	(0.40)	-0.19	(0.15)

Note: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold.

1. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, a superscript 1 appears in the cell.

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[Part 1/1]  
Table IV.1.6 Cost of grade repetition

	Number of 15-year-old students who have repeated a grade at least once in primary, lower secondary or upper secondary schools	Direct costs		Opportunity costs		Total costs (direct + opportunity costs)		
		Costs to systems to provide one additional year of education to repeaters	Assuming that repeaters attain at most ISCED 2 (i.e. using annual labour costs for ISCED 0/1/2 for 25-64 year-olds and unemployment rate for "below upper secondary")				Total annual costs	Total annual costs relative to total expenditure on primary and secondary education
			Number of 15-year-old students who enter the labour market at least one year later because of grade repetition (after adjusting unemployment rates)	Costs to systems by delaying students' entrance to the labour market by one additional year		Total annual costs per repeater		
				(students)	(USD, PPPs)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)		
<b>OECD</b>								
Australia	18 775	184 044 685	17 671	696 050 444	880 095 129	46 875	2.2	
Austria	9 800	114 267 363	9 105	412 259 639	526 527 002	53 729	4.3	
Belgium	42 564	413 403 011	37 431	1668 728 052	2082 131 063	48 918	11.5	
Canada	27 893	224 253 077	24 624	942 393 439	1166 646 516	41 825	2.3	
Chile <sup>1</sup>	57 746	186 232 081	55 203	m	186 232 081	3 225	1.8	
Czech Republic	4 028	21 957 517	3 159	63 733 751	85 691 268	21 277	1.1	
Denmark	3 116	34 198 882	2 838	124 706 884	158 905 766	50 994	1.5	
Estonia	408	2 264 828	300	5 279 391	7 544 219	18 494	0.0	
Finland	2 296	19 797 661	2 036	88 688 074	108 485 735	47 253	1.4	
France	198 899	1662 432 344	173 300	6337531130	7999 963 475	40 221	8.8	
Germany	153 407	1239 464 945	132 076	5871 727 799	7111 192 744	46 355	7.3	
Greece	4 347	m	3 603	76 183 724	m	m	m	
Hungary	9 819	45 755 284	7 550	112 804 733	158 560 017	16 148	m	
Iceland	48	454 094	45	1 241 518	1 695 611	35 095	0.3	
Ireland	4 667	43 459 946	3 654	172 792 186	216 252 132	46 334	2.5	
Israel	2 059	11 741 465	1 909	35 467 449	47 208 914	22 923	0.5	
Italy	88 929	750 706 413	80 586	3444 472 862	4195 179 275	47 174	6.7	
Japan	0	0	0	0	0	0	0.0	
Korea	21 997	151 857 955	21 413	609 568 404	761 426 358	34 616	1.3	
Luxembourg <sup>1</sup>	1 907	37 683 413	1 791	m	37 683 413	19 760	2.5	
Mexico <sup>1</sup>	205 280	490 879 781	197 080	m	490 879 781	2 391	0.7	
Netherlands	54 202	515 310 514	51 254	2567 429 123	3082 739 637	56 875	10.9	
New Zealand	2 869	20 270 349	2 682	77 367 987	97 638 336	34 031	1.5	
Norway	0	0	0	0	0	0	0.0	
Poland	15 758	90 836 603	13 096	128 301 062	219 137 665	13 906	0.8	
Portugal	32 903	231 538 476	28 524	500 500 355	732 038 831	22 248	6.9	
Slovak Republic	4 133	21 969 954	2 508	46 979 269	68 949 223	16 683	1.8	
Slovenia	619	5 679 364	540	10 123 653	15 803 017	25 539	0.7	
Spain	122 893	1009 912 235	90 434	2790 294 903	3800 207 139	30 923	7.9	
Sweden	3 762	36 050 977	3 357	157 440 781	193 491 758	51 434	1.3	
Switzerland <sup>1</sup>	15 844	201 726 074	14 643	m	201 726 074	12 732	1.3	
Turkey <sup>1</sup>	123 017	243 831 343	112 629	m	243 831 343	1 982	0.8	
United Kingdom	18 481	181 154 077	16 447	554 619 508	735 773 585	39 813	0.7	
United States	469 032	5438 963 060	393 187	14037 167 584	19476 130 643	41 524	3.4	
<b>Partners</b>								
Brazil <sup>2</sup>	812 712	2175 263 001	775 658	4588 252 909	6763 515 910	8 322	m	

1. In Chile, Luxembourg, Mexico, Switzerland and Turkey, the total costs are underestimated as the annual labour costs are not available in *Education at a Glance 2012: OECD Indicators*, Table A10.2 and the opportunity costs cannot be computed.

2. In Brazil, gross annual full time earnings are used, as annual labour costs are not available in *Education at a Glance 2012: OECD Indicators*, Table A10.2.

Source: OECD, PISA 2012 Database, Tables IV.2.2 and IV.3.1, *Education at a Glance 2012: OECD Indicators* (Tables A10.2 and X2.1), *Education at a Glance 2013: OECD Indicators* (Tables A5.4a and X2.2) and OECD.stat.

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[Part 1/2]

**Variation in mathematics performance and variation explained by school characteristics combined**  
*Within- and between-school variations*

Table IV.1.12a

	Variance		Remaining variance				Variance decomposition expressed as a percentage of the average variance in student performance in mathematics across OECD countries					
	Empty (or fully unconditional) model <sup>1</sup>		Model with demographic and socio-economic background <sup>2</sup>		Model with school-level variables <sup>3</sup>		Model with demographic and socio-economic background and with school-level variables <sup>4</sup>		Total variance in student performance	Total variance within schools as a percentage of total variance	Total variance between schools as a percentage of total variance	
	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school	%	%	%	
<b>OECD</b>												
Australia	6 720	2 602	6 389	1 092	6 720	966	6 381	692	110	79	31	
Austria	4 346	4 080	3 958	1 260	4 349	1 003	3 957	539	99	51	48	
Belgium	5 173	5 276	5 032	1 510	5 176	602	5 035	449	123	61	62	
Canada	6 342	1 563	5 978	882	6 341	631	5 971	491	93	75	18	
Chile	3 669	2 817	3 471	475	3 670	376	3 470	132	76	43	33	
Czech Republic	4 285	4 544	4 082	1 243	4 284	1 388	4 083	698	104	50	53	
Denmark	5 582	1 100	4 915	371	5 582	402	4 912	197	79	66	13	
Estonia	5 412	1 129	5 216	424	5 416	386	5 213	125	77	64	13	
Finland	6 533	530	5 977	289	6 533	250	5 973	129	83	77	6	
France	w	w	w	w	w	w	w	w	w	w	w	
Germany	4 333	4 890	4 063	1 371	4 337	950	4 063	529	109	51	58	
Greece	5 173	2 441	4 835	907	5 177	406	4 837	330	90	61	29	
Hungary	3 296	5 346	3 115	1 099	3 297	1 129	3 113	558	102	39	63	
Iceland	7 610	834	7 250	269	7 645	156	7 295	1	99	90	10	
Ireland	5 815	1 297	5 390	241	5 815	351	5 387	94	84	68	15	
Israel	6 320	4 659	5 950	1 471	6 321	974	5 949	585	129	74	55	
Italy	4 130	4 381	3 946	2 009	4 131	1 009	3 949	794	100	49	52	
Japan	4 094	4 620	4 027	1 538	4 094	1 003	4 027	746	103	48	54	
Korea	5 864	3 840	5 754	1 586	5 864	555	5 754	414	114	69	45	
Luxembourg	6 516	4 525	5 937	231	c	c	c	c	c	c	c	
Mexico	3 578	1 940	3 468	960	3 579	767	3 469	549	65	42	23	
Netherlands	2 858	5 534	2 712	1 984	2 860	772	2 713	607	99	34	65	
New Zealand	7 658	2 387	6 924	476	7 676	163	6 921	16	118	90	28	
Norway	7 063	1 045	6 630	616	7 065	437	6 624	253	95	83	12	
Poland	6 433	1 659	5 798	713	6 433	492	5 798	308	95	76	20	
Portugal	6 212	2 653	5 651	873	6 219	209	5 642	169	104	73	31	
Slovak Republic	5 020	5 008	4 619	1 359	5 025	1 185	4 629	658	118	59	59	
Slovenia	3 453	4 904	3 288	1 018	3 465	1 001	3 291	520	98	41	58	
Spain	6 263	1 454	5 577	627	6 262	499	5 575	393	91	74	17	
Sweden	7 266	1 042	6 661	462	7 267	438	6 665	244	98	86	12	
Switzerland	5 771	3 196	5 088	1 292	5 775	827	5 092	439	106	68	38	
Turkey	3 173	5 140	3 043	1 893	3 174	648	3 044	563	98	37	60	
United Kingdom	6 421	2 517	6 118	988	6 423	596	6 114	415	105	76	30	
United States	6 164	1 916	5 705	753	6 164	291	5 704	249	95	73	23	
OECD average	5 375	3 124	5 011	991	5 343	653	4 984	405	100	63	37	
<b>Partners</b>												
Albania	7 958	380	7 952	350	7 957	249	7 951	229	98	94	4	
Argentina	3 253	2 597	3 123	996	3 256	498	3 126	426	69	38	31	
Brazil	3 457	2 623	3 293	976	3 456	753	3 290	549	72	41	31	
Bulgaria	4 160	4 647	4 033	1 174	4 162	945	4 031	536	104	49	55	
Colombia	3 618	1 953	3 374	713	3 620	541	3 374	364	66	43	23	
Costa Rica	2 700	1 984	2 466	758	2 704	443	2 469	354	55	32	23	
Croatia	4 360	3 466	4 162	1 269	4 361	449	4 162	323	92	51	41	
Cyprus*	5 814	2 791	5 497	943	5 823	138	5 507	68	101	68	33	
Hong Kong-China	5 330	3 924	5 183	1 954	5 330	797	5 184	650	109	63	46	
Indonesia	2 457	2 665	2 398	1 511	2 457	1 008	2 399	829	60	29	31	
Jordan	3 852	2 166	3 745	1 070	3 853	672	3 737	475	71	45	25	
Kazakhstan	3 234	1 861	3 135	1 118	3 236	966	3 136	810	60	38	22	
Latvia	4 908	1 691	4 631	615	4 907	593	4 622	360	78	58	20	
Lithuania	5 463	2 424	5 197	855	5 466	602	5 198	334	93	64	29	
Macao-China	6 181	4 442	6 050	1 208	c	c	c	c	c	c	c	
Malaysia	4 449	2 129	4 282	818	4 449	362	4 282	264	77	52	25	
Montenegro	4 324	2 485	4 176	357	c	c	c	c	c	c	c	
Peru	3 865	3 244	3 625	677	3 869	726	3 624	402	84	45	38	
Qatar	5 487	4 722	5 243	1 516	5 490	587	5 248	391	120	65	56	
Romania	3 591	2 986	3 395	1 014	3 593	735	3 397	484	77	42	35	
Russian Federation	5 502	2 018	5 222	1 116	5 510	773	5 223	667	88	65	24	
Serbia	4 431	3 776	4 243	1 364	4 433	823	4 241	623	97	52	44	
Shanghai-China	5 401	4 767	5 201	1 579	5 403	506	5 202	439	120	64	56	
Singapore	7 033	4 070	6 696	1 029	7 033	704	6 691	389	131	83	48	
Chinese Taipei	7 710	5 613	7 287	1 492	7 711	799	7 288	497	157	91	66	
Thailand	3 941	2 866	3 843	1 459	3 951	828	3 850	674	80	46	34	
Tunisia	3 104	3 017	2 907	1 557	3 104	835	2 906	526	72	37	36	
United Arab Emirates	4 453	3 559	4 279	1 525	4 453	1 076	4 277	610	94	52	42	
Uruguay	4 546	3 297	4 282	867	4 550	396	4 284	292	92	53	39	
Viet Nam	3 509	3 823	3 308	1 787	3 511	697	3 310	638	86	41	45	


1. Multilevel regression model consists of the student and school levels.

2. Multilevel regression model: Mathematics performance is regressed on the variables of demographic and socio-economic background shown in Table IV.1.12c.

3. Multilevel regression model: Mathematics performance is regressed on the school-level variables shown in Table IV.1.12b.

4. Multilevel regression model: Mathematics performance is regressed on the variables of demographic and socio-economic background and on the school-level variables shown in Table IV.1.12c.

\* See notes at the beginning of this Annex.

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[Part 2/2]

**Variation in mathematics performance and variation explained by school characteristics combined**Table IV.1.12a *Within- and between-school variations*

	Within-school variance expressed as a percentage of the average of within-school variance in student performance in mathematics across OECD countries				Between-school variance expressed as a percentage of the average of between-school variance in student performance in mathematics across OECD countries			
	Solely accounted for by students' and schools' socio-economic and demographic background	Solely accounted for by schools' characteristics	Jointly accounted for by students' and schools' socio-economic and demographic background and schools' characteristics	Remaining within-school variance	Solely accounted for by students' and schools' socio-economic and demographic background	Solely accounted for by schools' characteristics	Jointly accounted for by students' and schools' socio-economic and demographic background and schools' characteristics	Remaining between-school variance
	%	%	%	%	%	%	%	%
<b>OECD</b>								
Australia	4.0	0.1	0.0	75.1	3.2	4.7	14.6	8.1
Austria	4.6	0.0	0.0	46.6	5.5	8.5	27.7	6.3
Belgium	1.7	0.0	0.0	59.2	1.8	12.5	42.5	5.3
Canada	4.4	0.1	0.0	70.3	1.7	4.6	6.4	5.8
Chile	2.3	0.0	0.0	40.8	2.9	4.0	24.7	1.6
Czech Republic	2.4	0.0	0.0	48.0	8.1	6.4	30.7	8.2
Denmark	7.9	0.0	0.0	57.8	2.4	2.0	6.2	2.3
Estonia	2.4	0.0	0.0	61.3	3.1	3.5	5.2	1.5
Finland	6.6	0.0	0.0	70.3	1.4	1.9	1.4	1.5
France	w	w	w	w	w	w	w	w
Germany	3.2	0.0	0.0	47.8	5.0	9.9	36.5	6.2
Greece	4.0	0.0	0.0	56.9	0.9	6.8	17.1	3.9
Hungary	2.2	0.0	0.0	36.6	6.7	6.4	43.3	6.6
Iceland	4.1	0.0	0.1	85.8	1.8	3.2	4.8	0.0
Ireland	5.0	0.0	0.0	63.4	3.0	1.7	9.4	1.1
Israel	4.4	0.0	0.0	70.0	4.6	10.4	32.9	6.9
Italy	2.1	0.0	0.0	46.5	2.5	14.3	25.4	9.3
Japan	0.8	0.0	0.0	47.4	3.0	9.3	33.3	8.8
Korea	1.3	0.0	0.0	67.7	1.7	13.8	24.9	4.9
Luxembourg	c	c	c	c	c	c	c	c
Mexico	1.3	0.0	0.0	40.8	2.6	4.8	9.0	6.5
Netherlands	1.7	0.0	0.0	31.9	1.9	16.2	39.8	7.1
New Zealand	8.9	0.0	0.0	81.4	1.7	5.4	20.7	0.2
Norway	5.2	0.1	0.0	78.0	2.2	4.3	2.9	3.0
Poland	7.5	0.0	0.0	68.2	2.2	4.8	9.0	3.6
Portugal	6.8	0.1	0.0	66.4	0.5	8.3	20.5	2.0
Slovak Republic	4.7	0.0	0.0	54.5	6.2	8.2	36.7	7.7
Slovenia	2.0	0.0	0.0	38.7	5.7	5.9	40.1	6.1
Spain	8.1	0.0	0.0	65.6	1.3	2.8	8.5	4.6
Sweden	7.1	0.0	0.0	78.4	2.3	2.6	4.5	2.9
Switzerland	8.0	0.0	0.0	59.9	4.6	10.0	17.8	5.2
Turkey	1.5	0.0	0.0	35.8	1.0	15.7	37.2	6.6
United Kingdom	3.6	0.1	0.0	71.9	2.1	6.7	15.9	4.9
United States	5.4	0.0	0.0	67.1	0.5	5.9	13.2	2.9
OECD average	4.2	0.3	0.0	58.6	2.9	6.9	22.2	4.8
<b>Partners</b>								
Albania	0.1	0.0	0.0	93.6	0.2	1.4	0.1	2.7
Argentina	1.5	0.0	0.0	36.8	0.8	6.7	18.0	5.0
Brazil	2.0	0.0	0.0	38.7	2.4	5.0	17.0	6.5
Bulgaria	1.5	0.0	0.0	47.4	4.8	7.5	36.1	6.3
Colombia	2.9	0.0	0.0	39.7	2.1	4.1	12.5	4.3
Costa Rica	2.8	0.0	0.0	29.0	1.0	4.7	13.4	4.2
Croatia	2.3	0.0	0.0	49.0	1.5	11.1	24.4	3.8
Cyprus*	3.7	0.0	0.0	64.8	0.8	10.3	20.9	0.8
Hong Kong-China	1.7	0.0	0.0	61.0	1.7	15.3	21.5	7.6
Indonesia	0.7	0.0	0.0	28.2	2.1	8.0	11.5	9.8
Jordan	1.4	0.1	0.0	44.0	2.3	7.0	10.6	5.6
Kazakhstan	1.2	0.0	0.0	36.9	1.8	3.6	6.9	9.5
Latvia	3.4	0.1	0.0	54.4	2.7	3.0	9.9	4.2
Lithuania	3.2	0.0	0.0	61.2	3.2	6.1	15.3	3.9
Macao-China	c	c	c	c	c	c	c	c
Malaysia	2.0	0.0	0.0	50.4	1.1	6.5	14.3	3.1
Montenegro	c	c	c	c	c	c	c	c
Peru	2.9	0.0	0.0	42.7	3.8	3.2	26.4	4.7
Qatar	2.8	0.0	0.0	61.8	2.3	13.2	35.4	4.6
Romania	2.3	0.0	0.0	40.0	3.0	6.2	20.3	5.7
Russian Federation	3.4	0.0	0.0	61.5	1.2	5.3	9.4	7.9
Serbia	2.3	0.0	0.0	49.9	2.4	8.7	26.0	7.3
Shanghai-China	2.4	0.0	0.0	61.2	0.8	13.4	36.7	5.2
Singapore	4.0	0.1	0.0	78.7	3.7	7.5	32.1	4.6
Chinese Taipei	5.0	0.0	0.0	85.8	3.6	11.7	44.9	5.8
Thailand	1.2	0.0	0.0	45.3	1.8	9.2	14.7	7.9
Tunisia	2.3	0.0	0.0	34.2	3.6	12.1	13.5	6.2
United Arab Emirates	2.1	0.0	0.0	50.3	5.5	10.8	18.4	7.2
Uruguay	3.1	0.0	0.0	50.4	1.2	6.8	27.4	3.4
Viet Nam	2.4	0.0	0.0	38.9	0.7	13.5	23.3	7.5


1. Multilevel regression model consists of the student and school levels.

2. Multilevel regression model: Mathematics performance is regressed on the variables of demographic and socio-economic background shown in Table IV.1.12c.

3. Multilevel regression model: Mathematics performance is regressed on the school-level variables shown in Table IV.1.12b.

4. Multilevel regression model: Mathematics performance is regressed on the variables of demographic and socio-economic background and on the school-level variables shown in Table IV.1.12c.

\* See notes at the beginning of this Annex.

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[Part 1/4]

## Relationship between mathematics performance and the school's learning environment, resources, policies and practices


Table IV.1.12b

	Schools' policies on selecting and grouping students <sup>1</sup>								Resources invested in education at the school level <sup>1</sup>							
	Percentage of students who repeated one or more grades		School with ability grouping for all mathematics classes		School with high academic selectivity for school admittance		School is very likely to transfer students with low achievement, behavioural problems or special learning needs		Proportion of teachers with ISCED 5A (10% increase)		Percentage of mathematics teachers in the school who have attended a programme of professional development with a focus on mathematics during the previous three months		Student-teacher ratio		Index of teacher shortage (higher values indicate more shortages)	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
<b>OECD</b>																
Australia	-0.6	(0.2)	-15.3	(17.1)	4.2	(3.0)	5.3	(7.8)	-0.6	(0.8)	-0.1	(0.0)	3.7	(0.8)	2.2	(1.7)
Austria	-1.6	(0.4)	c	c	36.0	(8.9)	-1.5	(7.7)	4.4	(1.3)	0.1	(0.1)	0.0	(0.5)	-0.6	(3.3)
Belgium	-2.0	(0.2)	4.1	(4.4)	2.0	(4.4)	1.7	(4.4)	0.4	(1.6)	0.0	(0.1)	0.8	(1.2)	-3.9	(2.3)
Canada	-1.6	(0.2)	10.4	(7.1)	-5.5	(3.2)	-3.7	(8.0)	1.9	(0.6)	-0.1	(0.0)	2.0	(0.4)	2.7	(1.8)
Chile	-0.9	(0.2)	0.1	(4.2)	5.5	(4.2)	-4.5	(4.1)	1.3	(1.0)	0.1	(0.1)	0.2	(0.3)	1.2	(1.8)
Czech Republic	-1.5	(0.5)	-6.4	(6.1)	30.1	(7.8)	-5.4	(10.4)	9.2	(3.4)	-0.1	(0.1)	-1.1	(0.8)	-26.5	(5.1)
Denmark	-2.3	(0.4)	-4.2	(4.6)	-3.2	(5.0)	-12.2	(9.9)	0.2	(0.7)	0.0	(0.1)	1.9	(0.7)	-2.6	(3.3)
Estonia	-1.9	(0.5)	-5.4	(6.2)	9.3	(4.6)	-19.3	(13.4)	c	c	0.0	(0.1)	1.9	(1.0)	-0.1	(3.1)
Finland	-1.5	(0.4)	-3.7	(3.3)	-17.3	(9.3)	-14.2	(17.2)	0.8	(1.2)	0.1	(0.0)	0.6	(1.0)	-1.9	(2.6)
France	-1.7	(0.1)	0.2	(4.5)	6.0	(5.4)	-10.2	(6.0)	-1.4	(0.6)	0.0	(0.1)	0.8	(1.1)	0.5	(2.8)
Germany	-2.6	(0.3)	-11.1	(6.1)	2.9	(5.5)	-2.9	(10.7)	c	c	-0.2	(0.1)	-0.4	(0.6)	-4.2	(3.3)
Greece	-1.1	(0.5)	-7.0	(5.6)	10.7	(10.1)	1.1	(4.5)	-6.3	(2.0)	0.0	(0.1)	1.1	(0.9)	3.7	(3.0)
Hungary	-1.2	(0.2)	-5.3	(8.4)	22.0	(10.9)	-19.2	(8.6)	8.0	(6.3)	0.1	(0.1)	-0.5	(0.7)	0.5	(5.0)
Iceland	3.2	(1.9)	-5.1	(8.2)	13.8	(7.2)	-26.4	(25.4)	1.5	(1.1)	0.1	(0.1)	1.4	(1.8)	-5.8	(3.5)
Ireland	-1.3	(0.4)	7.1	(13.0)	8.1	(5.4)	5.7	(12.1)	-17.4	(10.3)	-0.1	(0.1)	2.1	(1.0)	-7.9	(2.5)
Israel	-1.5	(0.7)	36.3	(16.0)	18.5	(6.5)	-15.2	(7.7)	7.1	(1.7)	0.2	(0.1)	2.2	(1.4)	4.1	(3.3)
Italy	-1.6	(0.4)	-9.8	(3.5)	3.8	(3.2)	1.0	(4.1)	-1.6	(1.2)	0.1	(0.1)	1.9	(0.6)	-1.7	(1.8)
Japan	c	c	-19.2	(5.8)	-28.6	(11.1)	-13.5	(11.6)	38.1	(64.2)	0.0	(0.1)	1.0	(0.8)	2.0	(3.1)
Korea	-0.5	(0.6)	-14.2	(9.6)	3.5	(6.4)	-5.4	(6.3)	6.1	(9.9)	0.2	(0.1)	0.0	(0.8)	-3.1	(3.2)
Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Mexico	-0.6	(0.1)	-1.9	(2.4)	6.8	(2.5)	-2.7	(2.8)	0.9	(0.6)	0.0	(0.0)	0.0	(0.0)	0.8	(1.4)
Netherlands	-2.4	(0.3)	-13.8	(8.7)	-10.3	(15.1)	9.6	(8.6)	5.7	(1.9)	0.1	(0.1)	1.4	(0.8)	0.4	(3.6)
New Zealand	-0.3	(0.5)	-42.0	(14.5)	-9.6	(4.1)	3.1	(8.0)	-0.9	(1.8)	-0.1	(0.1)	0.0	(0.9)	-3.1	(2.2)
Norway	c	c	2.4	(4.7)	-11.2	(8.5)	-59.1	(11.9)	c	c	0.1	(0.1)	-1.4	(1.4)	-3.0	(2.7)
Poland	-2.9	(1.1)	-1.0	(4.7)	27.9	(7.6)	14.6	(9.1)	-0.3	(1.0)	0.1	(0.1)	3.4	(1.3)	0.9	(9.8)
Portugal	-1.7	(0.1)	-4.1	(4.1)	-4.7	(3.8)	3.6	(12.6)	0.4	(0.4)	0.1	(0.1)	0.8	(0.8)	-0.9	(3.3)
Slovak Republic	-0.7	(0.3)	-6.8	(6.3)	41.8	(8.3)	0.3	(7.4)	0.0	(3.0)	0.0	(0.1)	-0.9	(1.0)	-18.1	(4.6)
Slovenia	-1.0	(1.7)	-1.1	(5.1)	8.4	(6.9)	1.5	(5.4)	4.6	(1.6)	-0.1	(0.1)	0.2	(0.6)	-3.2	(4.5)
Spain	-1.3	(0.2)	-9.9	(6.6)	-9.0	(6.1)	10.3	(6.9)	-0.4	(1.0)	0.1	(0.0)	0.3	(0.1)	-3.4	(2.2)
Sweden	-1.2	(0.5)	-5.1	(5.9)	1.1	(9.1)	13.4	(12.0)	0.5	(0.6)	0.0	(0.1)	1.9	(0.8)	-6.7	(2.6)
Switzerland	-2.1	(0.2)	-27.1	(7.8)	10.5	(4.5)	1.7	(8.7)	1.7	(0.6)	0.1	(0.1)	0.1	(0.6)	-3.4	(2.6)
Turkey	-1.2	(0.5)	-16.7	(6.9)	18.5	(5.3)	-6.3	(5.7)	-0.8	(1.3)	0.0	(0.1)	0.1	(0.4)	-1.3	(3.1)
United Kingdom	-2.5	(0.6)	17.9	(12.1)	8.7	(5.0)	-19.2	(8.3)	-1.5	(0.9)	0.0	(0.1)	1.7	(1.1)	-4.5	(2.5)
United States	-1.6	(0.2)	16.1	(10.1)	-7.6	(4.2)	-9.1	(13.3)	0.0	(5.7)	0.0	(0.1)	0.0	(0.1)	-1.3	(2.5)
OECD average	-1.3	(0.1)	-4.4	(1.4)	5.8	(1.2)	-5.4	(1.8)	2.1	(2.2)	0.0	(0.0)	0.8	(0.2)	-2.7	(0.6)
<b>Partners</b>																
Albania	0.7	(1.0)	c	c	6.5	(5.3)	1.9	(5.9)	0.1	(1.4)	0.0	(0.1)	c	c	-0.3	(2.5)
Argentina	-0.8	(0.1)	8.0	(6.5)	4.5	(5.7)	2.0	(7.3)	1.1	(1.2)	0.2	(0.1)	0.0	(0.2)	-1.4	(2.9)
Brazil	-1.2	(0.1)	-7.9	(4.9)	0.8	(4.2)	6.9	(4.9)	-0.5	(0.9)	0.0	(0.0)	-0.2	(0.1)	-0.9	(2.0)
Bulgaria	-0.7	(0.5)	-28.6	(11.7)	11.3	(7.7)	4.2	(5.4)	c	c	0.1	(0.1)	0.0	(0.1)	8.6	(6.8)
Colombia	-0.9	(0.2)	-2.0	(9.5)	-9.4	(4.4)	3.3	(6.0)	1.4	(1.1)	0.1	(0.1)	-0.3	(0.3)	3.1	(1.7)
Costa Rica	-1.4	(0.2)	-3.5	(4.3)	-8.2	(4.6)	3.9	(4.9)	-0.4	(1.2)	0.0	(0.1)	0.2	(0.1)	2.5	(2.5)
Croatia	-0.6	(0.9)	3.3	(9.0)	14.6	(8.0)	2.4	(6.8)	0.9	(3.3)	0.0	(0.1)	-0.2	(1.0)	0.7	(3.5)
Cyprus*	-2.1	(0.4)	-10.8	(4.6)	-20.3	(6.6)	-7.6	(6.8)	-3.7	(1.5)	0.0	(0.1)	11.6	(2.7)	0.0	(2.0)
Hong Kong-China	-1.8	(0.5)	-10.9	(8.0)	18.7	(11.3)	-18.8	(9.1)	-7.4	(3.0)	0.0	(0.1)	3.9	(1.5)	3.8	(4.7)
Indonesia	-0.5	(0.2)	-5.5	(7.4)	-8.0	(6.5)	-2.5	(6.2)	-2.6	(1.9)	0.1	(0.1)	-0.5	(0.4)	-4.1	(3.8)
Jordan	-2.3	(0.5)	-5.0	(6.6)	7.0	(5.1)	5.0	(5.1)	0.7	(1.1)	0.0	(0.1)	0.0	(0.5)	2.3	(2.0)
Kazakhstan	-0.4	(1.0)	-4.8	(17.6)	3.5	(5.8)	-16.3	(7.0)	0.0	(0.9)	0.0	(0.1)	0.4	(0.8)	2.5	(2.9)
Latvia	-1.1	(0.4)	-4.0	(5.7)	18.4	(5.9)	-0.4	(7.3)	0.4	(0.8)	-0.1	(0.1)	0.8	(1.0)	-3.3	(3.5)
Lithuania	-2.2	(0.5)	1.0	(7.0)	8.6	(6.3)	-27.4	(12.7)	1.0	(1.2)	0.0	(0.1)	0.1	(0.4)	5.1	(4.1)
Macao-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Malaysia	c	c	-1.2	(8.5)	4.5	(4.2)	-4.4	(4.8)	0.9	(0.9)	0.1	(0.1)	-0.3	(0.7)	4.6	(3.3)
Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Peru	-1.2	(0.2)	-16.2	(8.4)	4.5	(6.2)	4.1	(5.6)	-2.1	(1.4)	0.0	(0.1)	-0.1	(0.4)	0.2	(3.1)
Qatar	-1.4	(0.3)	15.7	(10.4)	9.6	(7.5)	-20.1	(9.2)	10.1	(3.5)	0.1	(0.1)	-0.9	(0.2)	-3.0	(4.2)
Romania	-0.6	(0.4)	-17.9	(9.4)	3.2	(5.2)	-9.1	(6.6)	-4.9	(3.3)	-0.1	(0.1)	0.6	(0.4)	-11.9	(4.4)
Russian Federation	-0.9	(0.8)	-3.7	(10.9)	11.5	(5.9)	2.2	(11.2)	4.5	(2.0)	-0.1	(0.1)	-0.7	(0.8)	1.3	(2.8)
Serbia	-4.4	(1.9)	-14.4	(15.8)	-5.4	(10.2)	-5.4	(7.7)	2.7	(1.5)	0.1	(0.1)	0.0	(0.8)	-9.8	(5.6)
Shanghai-China	-1.4	(0.4)	-6.8	(10.8)	14.8	(6.0)	-8.2	(9.7)	-2.4	(3.3)	-0.1	(0.1)	0.6	(0.7)	-5.9	(2.4)
Singapore	-1.0	(0.9)	-16.9	(16.6)	2.1	(5.6)	13.7	(25.1)	16.3	(7.1)	0.0	(0.1)	0.0	(0.6)	2.6	(3.7)
Chinese Taipei	-9.0	(2.3)	1.5	(7.3)	17.8	(7.2)	-7.6	(6.7)	-0.5	(1.4)	-0.4	(0.1)	0.9	(0.8)	-4.8	(3.7)
Thailand	0.1	(0.8)	-8.4	(6.6)	-1.4	(8.3)	-5.5	(6.5)	29.5	(13.2)	0.0	(0.1)	-0.5	(0.4)	7.0	(3.2)
Tunisia	-1.3	(0.2)	-6.2	(8.6)	-0.6	(6.4)	3.7	(7.6)	2.0	(1.6)	0.0	(0.1)	0.1	(0.2)	-2.9	(3.2)
United Arab Emirates	-0.9	(0.2)	18.6	(7.5)	0.0	(4.6)	-1.7	(5.4)	3.7	(1.6)	0.0	(0.1)	0.6	(0.5)	2.3	(2.0)
Uruguay	-1.2	(0.2)	-4.8	(7.7)	-1.0	(5.6)	-23.9	(9.5)	3.3	(2.1)	-0.1	(0.1)	-0.5	(0.3)	2.9	(2.7)
Viet Nam	-1.0	(0.4)	12.7	(12.9)	10.9	(8.1)	8.9	(7.1)	1.4	(1.0)	0.0	(0.1)	-1.8	(0.6)	1.1	(2.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Multilevel regression model (student and school levels): Mathematics performance is regressed on all the variables presented in this table.

\* See notes at the beginning of this Annex.

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[Part 2/4]

**Relationship between mathematics performance and the school's learning environment, resources, policies and practices**


Table IV.1.12b

		Resources invested in education at the school level <sup>1</sup>															
		Index of quality of schools' educational resources (higher values indicate better resources)		Index of quality of physical infrastructure (higher values indicate better resources)		School average of students' learning time per week in regular school mathematics lessons (minutes)		Percentage of students who attended pre-primary education for more than one year (10% increase)		School average of students' hours per week spent on homework or other study set by teachers, all school subjects combined (hours)		School offering mathematics lessons in addition to those offered during regular school hours (1=yes, 0=no)		Index of creative extracurricular activities at school		Index of extracurricular mathematics activities at school	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	<b>4.4</b> (2.2)		-4.0 (2.2)		0.1 (0.1)		<b>5.4</b> (0.8)		<b>4.1</b> (0.9)		3.0 (4.5)		<b>4.6</b> (1.9)		-0.6 (2.1)	
	Austria	5.9 (3.4)		-2.4 (3.2)		<b>0.2</b> (0.1)		-0.2 (2.5)		<b>8.4</b> (3.1)		14.7 (8.1)		3.1 (3.9)		2.1 (3.6)	
	Belgium	-1.3 (2.3)		-0.7 (2.2)		<b>0.5</b> (0.1)		<b>3.2</b> (1.6)		<b>3.5</b> (2.9)		<b>3.7</b> (5.1)		-3.0 (2.2)		-1.8 (2.8)	
	Canada	-0.1 (1.9)		-0.1 (2.0)		0.0 (0.0)		1.1 (0.9)		<b>2.8</b> (1.0)		2.7 (3.7)		-0.5 (2.5)		2.0 (1.3)	
	Chile	-0.5 (2.1)		3.5 (2.3)		<b>-0.1</b> (0.0)		<b>7.7</b> (1.7)		-0.8 (1.6)		-5.5 (5.4)		3.1 (2.2)		<b>4.1</b> (1.7)	
	Czech Republic	1.9 (4.1)		<b>-12.8</b> (4.3)		<b>0.3</b> (0.1)		-0.2 (2.0)		3.0 (2.6)		11.8 (9.9)		<b>10.8</b> (3.6)		-5.4 (3.7)	
	Denmark	1.3 (3.0)		-2.2 (2.1)		0.0 (0.1)		-1.8 (1.8)		<b>8.2</b> (1.8)		6.2 (4.8)		-3.3 (2.1)		-3.8 (3.2)	
	Estonia	-2.4 (2.9)		<b>-4.6</b> (2.3)		0.2 (0.2)		-1.9 (1.3)		<b>5.4</b> (2.3)		2.5 (6.6)		4.8 (2.5)		-3.9 (2.0)	
	Finland	0.3 (1.8)		-2.0 (1.7)		-0.1 (0.1)		2.5 (2.3)		<b>3.5</b> (1.1)		0.4 (4.8)		-1.2 (1.7)		-0.2 (1.9)	
	France	-1.1 (3.0)		-4.0 (2.7)		<b>0.3</b> (0.1)		1.5 (1.6)		5.9 (3.5)		<b>-14.6</b> (6.8)		-4.5 (2.9)		<b>8.8</b> (2.7)	
	Germany	-4.6 (4.0)		3.3 (3.0)		-0.2 (0.2)		<b>5.7</b> (2.1)		<b>16.4</b> (2.9)		0.6 (6.9)		-0.5 (3.6)		<b>7.5</b> (2.6)	
	Greece	-4.8 (3.0)		5.3 (2.9)		<b>2.4</b> (0.5)		<b>6.3</b> (1.4)		<b>3.8</b> (1.6)		6.4 (8.4)		-0.5 (2.0)		4.3 (3.3)	
	Hungary	7.2 (4.6)		-4.7 (4.9)		0.2 (0.2)		<b>8.0</b> (1.8)		0.7 (5.2)		-1.5 (10.1)		<b>6.4</b> (2.9)		-1.1 (2.8)	
	Iceland	1.2 (4.7)		-5.0 (4.4)		-0.2 (0.2)		-2.5 (2.1)		6.8 (5.2)		10.7 (7.2)		<b>9.5</b> (3.9)		-4.2 (3.0)	
	Ireland	1.4 (2.6)		-2.7 (2.0)		0.2 (0.2)		<b>5.1</b> (1.1)		3.3 (1.8)		-10.5 (5.5)		1.7 (2.6)		3.5 (2.3)	
	Israel	<b>8.9</b> (3.9)		-7.1 (3.7)		<b>0.6</b> (0.1)		<b>-6.8</b> (2.5)		<b>15.2</b> (2.6)		<b>-30.9</b> (10.8)		<b>9.9</b> (3.3)		2.4 (3.0)	
	Italy	0.2 (1.8)		<b>3.9</b> (1.6)		<b>0.5</b> (0.1)		<b>3.1</b> (0.7)		<b>8.3</b> (1.7)		-6.6 (6.0)		<b>4.2</b> (1.6)		3.6 (1.9)	
	Japan	-0.3 (3.3)		-4.9 (4.1)		<b>0.6</b> (0.1)		<b>5.8</b> (2.0)		<b>26.5</b> (7.0)		-16.8 (8.8)		1.7 (3.9)		<b>7.7</b> (3.8)	
	Korea	4.3 (5.0)		-4.3 (4.3)		<b>0.3</b> (0.1)		<b>9.1</b> (1.2)		4.1 (2.2)		-1.7 (10.1)		0.5 (3.7)		1.2 (3.9)	
	Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Mexico	<b>3.4</b> (1.5)		1.4 (1.4)		<b>0.1</b> (0.0)		<b>4.0</b> (0.8)		<b>3.8</b> (0.8)		5.0 (3.3)		1.7 (1.2)		0.2 (1.0)	
	Netherlands	-3.8 (4.1)		3.0 (4.2)		0.0 (0.1)		<b>7.9</b> (1.6)		5.7 (5.5)		0.4 (6.6)		-0.8 (3.0)		2.6 (4.0)	
	New Zealand	3.6 (3.3)		<b>-5.6</b> (2.8)		0.0 (0.1)		<b>4.2</b> (1.3)		<b>7.0</b> (2.0)		9.1 (8.1)		8.1 (4.6)		1.9 (2.7)	
	Norway	<b>-8.8</b> (3.9)		1.8 (3.2)		0.1 (0.1)		<b>3.9</b> (2.0)		<b>6.6</b> (2.4)		-0.5 (5.3)		-1.0 (3.1)		3.5 (3.1)	
	Poland	-1.3 (3.0)		-6.3 (3.7)		<b>0.4</b> (0.2)		2.9 (1.5)		<b>8.3</b> (1.2)		-5.1 (8.5)		2.7 (4.4)		-3.4 (3.4)	
	Portugal	2.3 (2.4)		-2.9 (2.4)		<b>0.1</b> (0.1)		<b>6.2</b> (1.7)		<b>5.0</b> (1.4)		-0.7 (6.9)		-3.8 (2.4)		3.7 (2.5)	
	Slovak Republic	-1.1 (5.8)		-4.5 (3.4)		<b>0.3</b> (0.1)		-0.6 (1.8)		<b>5.7</b> (2.2)		-4.2 (9.5)		0.4 (3.1)		1.7 (3.7)	
	Slovenia	-3.3 (4.1)		-2.3 (3.4)		<b>1.8</b> (0.2)		<b>-4.8</b> (1.7)		<b>6.2</b> (1.9)		4.8 (6.2)		1.3 (3.2)		1.2 (2.9)	
Spain	0.0 (1.7)		-1.2 (1.8)		0.0 (0.1)		<b>2.4</b> (0.9)		<b>2.9</b> (1.3)		0.7 (3.8)		-0.5 (1.7)		0.9 (1.7)		
Sweden	-1.6 (3.3)		1.3 (2.6)		0.1 (0.1)		2.4 (1.9)		2.5 (1.9)		-9.2 (6.1)		3.2 (2.5)		<b>7.1</b> (2.8)		
Switzerland	1.5 (3.5)		0.5 (3.8)		-0.2 (0.1)		0.1 (2.1)		-1.1 (1.0)		<b>-18.2</b> (5.7)		<b>5.3</b> (2.5)		<b>10.9</b> (2.8)		
Turkey	4.8 (4.2)		<b>-14.7</b> (3.5)		<b>1.0</b> (0.1)		2.1 (1.8)		<b>12.0</b> (4.1)		<b>-15.3</b> (7.3)		-3.2 (2.6)		<b>9.0</b> (2.9)		
United Kingdom	1.9 (2.4)		-3.5 (2.6)		<b>-0.2</b> (0.1)		<b>6.2</b> (1.2)		<b>7.0</b> (1.6)		<b>-21.2</b> (8.9)		1.4 (3.6)		-3.2 (2.0)		
United States	-2.2 (3.4)		2.0 (4.1)		<b>0.1</b> (0.1)		1.8 (1.4)		<b>5.9</b> (2.0)		-3.4 (5.4)		6.1 (4.9)		<b>4.9</b> (1.9)		
OECD average	0.5 (0.6)		<b>-2.3</b> (0.5)		<b>0.3</b> (0.0)		<b>2.7</b> (0.3)		<b>6.3</b> (0.5)		<b>-2.5</b> (1.2)		<b>2.1</b> (0.5)		<b>2.0</b> (0.5)		
Partners	Albania	5.6 (2.9)		-0.5 (3.0)		0.2 (0.2)		-0.6 (1.5)		2.6 (1.7)		4.4 (6.4)		<b>6.3</b> (3.0)		<b>-4.1</b> (2.0)	
	Argentina	1.6 (2.3)		-1.2 (2.2)		<b>0.3</b> (0.1)		1.0 (1.3)		<b>3.0</b> (1.5)		-8.1 (6.3)		2.6 (1.9)		0.7 (2.0)	
	Brazil	<b>4.1</b> (1.9)		-0.5 (1.8)		-0.2 (0.1)		1.3 (1.3)		<b>4.0</b> (1.0)		4.4 (5.3)		2.7 (2.3)		1.0 (2.8)	
	Bulgaria	0.6 (4.6)		-4.3 (3.6)		0.0 (0.1)		<b>8.7</b> (1.7)		3.3 (2.3)		-0.2 (8.9)		-2.2 (3.3)		0.3 (3.3)	
	Colombia	3.5 (2.5)		-0.9 (2.3)		0.1 (0.1)		<b>4.3</b> (1.4)		<b>4.0</b> (1.6)		-1.9 (5.5)		-1.1 (2.4)		2.5 (2.1)	
	Costa Rica	7.5 (2.4)		0.0 (2.4)		0.0 (0.1)		<b>4.5</b> (1.6)		2.5 (1.7)		-0.8 (5.6)		1.1 (2.8)		-2.9 (2.1)	
	Croatia	-2.1 (3.8)		<b>10.4</b> (3.5)		<b>0.9</b> (0.2)		2.9 (1.9)		<b>6.8</b> (1.5)		-15.0 (8.3)		1.4 (2.3)		2.8 (2.6)	
	Cyprus*	8.7 (4.5)		1.8 (3.7)		<b>1.2</b> (0.4)		<b>12.5</b> (2.5)		3.5 (2.1)		7.8 (7.9)		<b>-14.1</b> (4.7)		<b>-7.4</b> (3.5)	
	Hong Kong-China	-6.2 (4.4)		<b>14.4</b> (4.8)		-0.2 (0.2)		<b>11.2</b> (2.2)		<b>27.9</b> (5.5)		-9.2 (17.4)		-3.9 (6.6)		4.3 (4.5)	
	Indonesia	7.1 (3.6)		-3.0 (4.4)		0.1 (0.1)		<b>4.7</b> (2.2)		<b>4.8</b> (1.6)		-12.5 (7.1)		<b>8.1</b> (3.4)		3.4 (2.8)	
	Jordan	3.0 (4.0)		-2.5 (2.8)		0.0 (0.3)		-0.5 (1.6)		<b>6.8</b> (1.9)		-5.8 (6.2)		<b>5.2</b> (2.6)		1.6 (1.6)	
	Kazakhstan	-0.3 (3.8)		2.5 (4.1)		<b>0.4</b> (0.1)		0.7 (1.7)		3.0 (1.8)		-5.9 (11.9)		-4.8 (3.4)		-3.1 (3.0)	
	Latvia	1.3 (3.8)		5.5 (3.3)		<b>0.5</b> (0.2)		<b>2.7</b> (1.2)		2.3 (1.9)		5.0 (8.2)		3.9 (3.9)		0.6 (2.8)	
	Lithuania	4.4 (3.5)		<b>-5.7</b> (2.9)		<b>0.7</b> (0.2)		<b>2.8</b> (1.4)		<b>6.4</b> (1.2)		-3.5 (6.8)		1.8 (3.5)		1.7 (2.6)	
	Macao-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Malaysia	2.7 (3.1)		-1.6 (2.6)		<b>0.3</b> (0.1)		<b>5.4</b> (1.5)		<b>4.7</b> (1.4)		-13.7 (9.0)		0.9 (2.7)		-1.9 (2.5)	
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Peru	<b>9.6</b> (2.9)		-4.6 (2.6)		0.0 (0.1)		2.4 (1.2)		2.8 (1.4)		1.7 (6.2)		<b>5.8</b> (2.7)		-0.7 (2.3)	
	Qatar	<b>14.6</b> (4.1)		<b>-14.4</b> (4.3)		-0.3 (0.2)		<b>-15.8</b> (4.8)		5.1 (3.5)		<b>33.4</b> (10.4)		<b>20.1</b> (4.6)		<b>-9.4</b> (3.2)	
	Romania	<b>11.3</b> (4.2)		<b>-10.0</b> (4.9)		0.2 (0.2)		<b>8.9</b> (1.6)		5.0 (3.0)		3.2 (6.7)		1.7 (3.1)		-1.2 (2.8)	
	Russian Federation	3.3 (4.1)		-5.6 (3.2)		<b>0.3</b> (0.1)		1.1 (1.1)		<b>4.3</b> (1.4)		-18.1 (14.0)		3.6 (2.7)		2.4 (2.9)	
	Serbia	-7.0 (4.2)		2.7 (3.7)		<b>0.6</b> (0.2)		<b>6.7</b> (2.4)		<b>11.1</b> (2.0)		8.0 (11.8)		2.2 (3.8)		<b>8.1</b> (2.9)	
	Shanghai-China	-1.8 (2.7)		-3.6 (3.4)		<b>-0.3</b> (0.1)		<b>11.3</b> (1.5)		-1.9 (3.3)		-2.1 (6.9)		2.3 (3.0)		3.6 (2.5)	
	Singapore	-4.2 (3.4)		0.9 (4.0)		<b>0.4</b> (0.1)		<b>7.3</b> (1.8)		<b>12.7</b> (4.2)		-11.7 (10.0)		5.3 (4.4)		5.3 (3.3)	
	Chinese Taipei	1.0 (4.4)		<b>-10.3</b> (4.5)		<b>0.3</b> (0.1)		<b>14.6</b> (1.8)		0.4 (4.5)		-3.1 (9.5)		1.6 (3.6)		6.3 (3.3)	
	Thailand	7.7 (3.4)		-0.7 (3.0)		0.0 (0.1)		<b>11.0</b> (1.7)		0.1 (3.2)		9.2 (11.3)		-3.7 (4.2)		-0.2 (3.9)	
	Tunisia	0.1 (3.6)		-1.8 (3.8)		0.2 (0.1)		-0.4 (2.2)		<b>5.3</b> (2.5)		6.8 (8.7)		<b>8.8</b> (3.8)		-3.9 (2.3)	
	United Arab Emirates	<b>6.3</b> (2.6)		-4.1 (2.2)		0.0 (0.0)		1.0 (1.2)		<b>6.9</b> (1.3)		-0.2 (5.3)		<b>7.0</b> (2.8)		-1.6 (2.1)	
Uruguay	-1.6 (2.1)		<b>5.3</b> (1.9)		0.1 (0.1)		2.1 (1.7)		<b>5.7</b> (1.4)		5.4 (6.9)		3.5 (2.2)		3.7 (2.3)		
Viet Nam	-2.2 (4.3)		1.6 (3.8)		0.0 (0.1)		<b>8.9</b> (1.4)		2.5 (1.9)		-6.2 (14.6)		<b>11.6</b> (3.3)		<b>-7.0</b> (3.3)		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Multilevel regression model (student and school levels): Mathematics performance is regressed on all the variables presented in this table.

\* See notes at the beginning of this Annex.

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[Part 3/4]

**Relationship between mathematics performance and the school's learning environment, resources, policies and practices**

Table IV.1.12b

	School governance <sup>1</sup>																				
	Index of school responsibility for resource allocation (higher values indicate more autonomy)		Index of school responsibility for curriculum and assessment (higher values indicate more autonomy)		School competes with other schools for students in the same area		Private school		Index of school management: Instructional leadership		Index of school management: Teacher participation		Index of school management: Promoting instructional improvements and professional development		Index of school management: Framing and communicating the school's goals and curricular development		Use the same textbook in all mathematics classes for 15-year-olds (in the modal grade)		Mathematics teachers in the school follow a standardised curriculum that specifies content to be taught every month (at least)		
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	
<b>OECD</b>																					
Australia	1.3 (1.8)		-3.4 (1.8)		-13.8 (9.1)		<b>-12.3</b> (5.6)		-2.0 (3.2)		3.1 (2.6)		-3.9 (2.1)		-3.1 (2.5)		3.4 (3.5)		3.1 (5.2)		
Austria	6.7 (5.6)		-7.1 (3.6)		-4.6 (6.5)		-19.4 (22.2)		-0.7 (5.3)		1.6 (5.0)		-1.1 (3.6)		-2.5 (5.2)		-14.0 (8.4)		-0.1 (7.1)		
Belgium	15.6 (10.4)		4.1 (2.3)		1.2 (6.9)		w w		5.3 (3.1)		-3.6 (2.6)		-3.2 (2.6)		1.0 (2.5)		-1.1 (4.0)		-1.8 (4.9)		
Canada	<b>7.3</b> (3.0)		1.1 (2.7)		2.3 (3.7)		-4.7 (8.7)		<b>-5.4</b> (2.3)		-2.8 (2.4)		0.8 (2.0)		2.9 (2.0)		<b>7.0</b> (3.2)		<b>-9.6</b> (4.2)		
Chile	<b>8.6</b> (1.6)		-1.8 (2.1)		2.1 (6.6)		<b>-37.5</b> (7.2)		4.4 (3.4)		1.5 (3.0)		<b>-6.0</b> (2.9)		-1.2 (3.0)		-1.7 (12.2)		<b>-10.0</b> (6.4)		
Czech Republic	-3.7 (2.7)		5.0 (3.8)		<b>31.8</b> (9.2)		-9.4 (15.2)		5.9 (4.0)		<b>8.7</b> (3.2)		-6.7 (3.6)		<b>-12.7</b> (6.4)		6.0 (8.8)		<b>-39.8</b> (18.1)		
Denmark	-0.5 (2.4)		1.5 (2.2)		7.6 (5.9)		-12.0 (12.1)		-1.8 (2.9)		-4.3 (3.2)		2.4 (2.4)		4.4 (2.5)		<b>-10.3</b> (5.2)		1.0 (4.0)		
Estonia	-1.1 (3.3)		-2.0 (2.2)		<b>11.9</b> (4.3)		<b>-70.0</b> (21.0)		7.0 (4.1)		1.6 (2.8)		-4.0 (3.5)		-5.2 (2.8)		<b>-17.8</b> (7.6)		-6.0 (8.0)		
Finland	4.1 (3.0)		<b>4.9</b> (1.8)		0.0 (3.7)		c c		-2.3 (2.6)		-3.6 (2.1)		-1.7 (2.7)		1.9 (2.4)		-6.8 (5.6)		-0.7 (3.6)		
France	<b>-23.5</b> (8.4)		3.1 (2.4)		6.1 (4.9)		c c		-2.4 (2.8)		5.4 (3.2)		-4.3 (3.6)		-2.4 (3.5)		<b>21.3</b> (9.0)		4.0 (4.6)		
Germany	<b>-44.5</b> (19.7)		-4.8 (3.3)		8.9 (8.3)		<b>-87.5</b> (19.8)		4.2 (5.8)		-4.0 (4.3)		<b>-12.8</b> (4.4)		<b>14.4</b> (3.8)		9.6 (7.6)		-11.4 (6.1)		
Greece	-20.8 (21.8)		<b>-18.7</b> (9.3)		8.3 (5.7)		<b>-55.1</b> (21.9)		6.7 (4.0)		-5.5 (3.0)		-1.0 (3.3)		-2.4 (2.9)		5.5 (17.0)		6.5 (6.9)		
Hungary	-1.4 (2.7)		-4.3 (3.6)		14.0 (7.6)		c c		<b>13.9</b> (5.6)		<b>-14.5</b> (4.9)		-7.5 (4.9)		-1.6 (6.4)		-1.4 (9.2)		<b>-31.9</b> (9.1)		
Iceland	5.1 (4.2)		1.2 (3.3)		4.4 (6.2)		c c		4.8 (6.4)		-5.1 (6.0)		-0.1 (4.2)		-0.5 (6.0)		<b>24.8</b> (7.6)		7.7 (7.6)		
Ireland	4.2 (9.6)		1.2 (2.7)		-4.4 (6.0)		<b>-53.4</b> (13.8)		-3.0 (2.8)		2.8 (2.9)		-1.6 (3.1)		2.5 (3.0)		0.3 (4.8)		14.5 (9.2)		
Israel	-9.6 (7.1)		<b>7.9</b> (3.7)		6.4 (7.0)		c c		0.6 (5.7)		-2.4 (4.0)		-1.0 (5.1)		-0.7 (5.2)		<b>-23.3</b> (7.4)		17.5 (11.6)		
Italy	<b>6.0</b> (2.6)		-0.7 (1.6)		2.2 (3.2)		-2.3 (11.1)		1.3 (3.0)		-0.2 (2.2)		0.2 (2.1)		<b>-5.8</b> (2.2)		<b>-1.3</b> (3.2)		-4.2 (3.0)		
Japan	11.7 (6.3)		3.7 (4.2)		-13.7 (9.8)		<b>33.8</b> (11.0)		4.6 (4.5)		0.6 (3.3)		0.2 (3.8)		-1.1 (5.2)		0.9 (7.4)		12.4 (8.8)		
Korea	-2.3 (4.9)		1.5 (2.7)		2.7 (10.2)		<b>-20.4</b> (7.5)		-2.3 (5.9)		-2.1 (3.6)		2.8 (5.8)		-2.1 (4.8)		-9.4 (7.5)		-1.2 (7.3)		
Luxembourg	c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		
Mexico	<b>4.7</b> (2.3)		3.5 (2.2)		1.1 (3.9)		-5.1 (7.5)		-2.6 (2.0)		-2.1 (1.4)		1.8 (1.5)		2.0 (1.9)		-2.3 (2.7)		-3.8 (8.1)		
Netherlands	-0.5 (2.4)		-3.1 (4.1)		11.3 (7.4)		c c		<b>16.3</b> (4.9)		0.3 (4.8)		-4.8 (3.5)		<b>-8.2</b> (4.0)		-1.4 (5.6)		6.7 (12.6)		
New Zealand	-2.4 (3.9)		-0.2 (2.5)		-7.1 (7.9)		<b>-22.7</b> (11.3)		-6.3 (5.2)		-5.2 (3.6)		<b>9.1</b> (3.8)		2.5 (4.3)		4.3 (6.3)		-3.7 (6.9)		
Norway	2.5 (4.7)		-0.6 (3.8)		1.3 (4.9)		c c		2.0 (5.1)		-0.3 (3.8)		0.5 (4.3)		-0.3 (3.7)		4.1 (6.5)		-4.2 (7.1)		
Poland	-3.6 (5.9)		-0.3 (3.1)		3.3 (5.2)		-34.8 (19.5)		1.7 (3.4)		1.1 (4.5)		0.3 (3.5)		0.8 (4.7)		-1.1 (10.5)		<b>31.2</b> (8.4)		
Portugal	4.0 (4.9)		<b>-12.8</b> (4.5)		2.6 (4.9)		-22.7 (12.3)		-5.0 (3.0)		5.7 (3.0)		0.1 (3.1)		-1.9 (3.2)		15.9 (9.6)		-7.5 (9.0)		
Slovak Republic	-0.5 (2.8)		1.8 (3.7)		-0.7 (8.8)		<b>-71.5</b> (24.2)		11.0 (5.7)		-4.1 (4.7)		<b>-13.2</b> (5.2)		1.5 (5.6)		<b>-24.7</b> (8.1)		7.2 (13.5)		
Slovenia	-0.8 (5.6)		0.1 (4.4)		9.6 (6.0)		c c		<b>-15.2</b> (4.9)		6.0 (4.8)		6.8 (4.4)		-0.9 (4.9)		0.0 (6.3)		-16.8 (14.1)		
Spain	<b>8.4</b> (2.7)		-2.6 (2.2)		5.5 (4.1)		-5.5 (5.2)		-3.3 (1.9)		-0.9 (2.1)		-1.9 (1.7)		2.4 (2.4)		-0.3 (3.0)		5.8 (6.8)		
Sweden	1.6 (2.1)		-3.0 (2.8)		0.3 (5.5)		c c		-3.3 (3.9)		1.3 (4.2)		-5.0 (3.0)		-0.8 (4.0)		-2.5 (5.4)		-2.7 (4.5)		
Switzerland	-6.5 (4.5)		-2.5 (5.0)		-5.5 (4.9)		16.1 (13.1)		4.8 (3.1)		-0.3 (2.8)		-3.2 (3.2)		-3.8 (2.8)		<b>-14.8</b> (5.4)		-9.8 (5.7)		
Turkey	-52.2 (34.1)		-12.8 (8.8)		8.0 (6.4)		c c		5.2 (3.9)		-2.1 (3.7)		<b>-8.1</b> (3.3)		-1.6 (4.6)		-5.2 (35.8)		10.2 (9.1)		
United Kingdom	1.1 (1.9)		0.4 (2.5)		-14.2 (8.1)		-21.0 (11.4)		-0.1 (4.0)		1.3 (3.3)		<b>-6.6</b> (2.6)		-3.2 (2.9)		-2.1 (4.9)		15.0 (8.1)		
United States	-4.5 (2.5)		-3.4 (2.9)		-9.8 (5.4)		<b>25.3</b> (8.9)		2.2 (3.8)		1.6 (3.7)		1.6 (3.8)		<b>-10.5</b> (3.9)		0.7 (4.6)		2.7 (11.3)		
OECD average	-2.6 (1.6)		<b>-1.3</b> (0.7)		<b>2.4</b> (1.1)		<b>-23.0</b> (3.0)		1.4 (0.7)		-0.6 (0.6)		<b>-2.2</b> (0.6)		-1.1 (0.7)		-1.1 (1.7)		-0.6 (1.5)		
<b>Partners</b>																					
Albania	4.1 (5.0)		-0.6 (2.5)		7.2 (5.2)		0.5 (11.1)		-0.6 (4.4)		1.5 (2.9)		-3.4 (2.7)		0.5 (4.5)		13.3 (13.1)		-5.1 (13.2)		
Argentina	c c		-1.5 (3.6)		8.5 (5.3)		-11.1 (9.1)		3.4 (3.1)		-0.5 (2.1)		-0.3 (2.3)		-4.4 (3.1)		4.2 (4.5)		-6.1 (4.7)		
Brazil	3.2 (5.3)		-0.7 (2.7)		6.3 (3.3)		<b>-36.6</b> (17.2)		<b>-5.7</b> (2.8)		4.0 (2.5)		0.8 (2.4)		<b>6.9</b> (2.5)		<b>14.0</b> (5.6)		-8.3 (6.3)		
Bulgaria	<b>5.6</b> (2.6)		4.5 (7.2)		-2.8 (9.4)		-43.1 (33.3)		-2.9 (5.8)		4.0 (4.7)		<b>-8.6</b> (4.0)		0.4 (5.5)		<b>-8.3</b> (12.7)		<b>-30.2</b> (14.6)		
Colombia	-1.5 (2.7)		2.7 (2.3)		-3.2 (5.6)		<b>-43.3</b> (9.2)		<b>-10.3</b> (3.2)		<b>7.7</b> (2.3)		-2.5 (2.4)		-0.3 (2.5)		<b>-10.7</b> (5.0)		<b>20.3</b> (8.2)		
Costa Rica	-2.4 (5.4)		<b>11.7</b> (4.1)		1.8 (5.5)		-6.5 (14.7)		5.4 (3.8)		<b>-6.9</b> (2.8)		5.0 (3.2)		-4.5 (3.6)		0.2 (4.3)		-12.9 (7.8)		
Croatia	-8.6 (10.5)		-7.4 (4.9)		-0.7 (5.4)		-3.4 (33.1)		1.3 (4.1)		-0.2 (3.2)		-1.3 (3.0)		-3.0 (3.7)		<b>15.4</b> (4.7)		-11.1 (7.2)		
Cyprus*	<b>-16.7</b> (7.0)		<b>31.7</b> (6.0)		1.4 (5.5)		-11.4 (15.1)		7.7 (4.6)		-5.7 (3.6)		<b>13.0</b> (5.0)		<b>-16.5</b> (4.7)		1.4 (15.6)		3.8 (8.9)		
Hong Kong-China	1.9 (4.6)		-3.9 (3.8)		-15.3 (29.1)		<b>49.7</b> (21.2)		<b>-13.6</b> (6.0)		3.9 (5.5)		1.7 (6.7)		3.5 (5.4)		9.1 (11.8)		10.7 (11.6)		
Indonesia	2.2 (2.7)		-3.1 (3.2)		-9.5 (22.7)		-12.6 (8.1)		6.7 (6.8)		-0.1 (5.1)		-1.6 (5.1)		-1.8 (6.0)		-5.0 (8.3)		-1.0 (11.3)		
Jordan	4.4 (7.4)		1.1 (6.6)		-0.1 (5.8)		<b>-25.7</b> (9.3)		<b>-9.9</b> (4.3)		-3.7 (2.8)		0.8 (3.2)		3.1 (3.2)		-17.8 (18.8)		<b>-18.8</b> (7.3)		
Kazakhstan	3.0 (5.6)		-8.3 (5.4)		-6.7 (6.8)		-0.8 (15.4)		<b>13.9</b> (4.9)		1.4 (3.6)		-2.6 (2.8)		<b>-10.5</b> (5.0)		10.5 (8.5)		-0.2 (5.4)		
Latvia	0.7 (2.4)		1.8 (3.3)		<b>-20.0</b> (8.6)		-4.9 (15.6)		2.4 (3.8)		6.8 (4.0)		-3.4 (2.8)		-5.3 (3.6)		-0.8 (15.6)		6.5 (9.4)		
Lithuania	-1.0 (2.1)		<b>-5.9</b> (2.7)		-8.1 (5.5)		29.6 (19.5)		-4.2 (4.2)		-0.3 (3.1)		-5.3 (3.4)		2.2 (4.4)		-8.3 (7.7)		-4.5 (6.2)		
Macao-China	c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		
Malaysia	1.4 (11.5)		-4.9 (3.7)		-2.1 (5.1)		-24.4 (36.6)		-3.5 (3.7)		<b>-9.5</b> (3.1)		2.2 (3.6)		<b>5.6</b> (2.9)		-5.0 (15.8)		6.8 (6.8)		
Montenegro	c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		
Peru	4.2 (3.5)		-0.2 (2.7)		<b>16.0</b> (6.6)		-20.1 (10.6)		-2.4 (3.4)		0.9 (3.6)		3.2 (3.2)		1.7 (3.7)		4.0 (6.3)		-5.9 (7.7)		
Qatar	3.2 (9.2)		<b>12.6</b> (6.2)		<b>15.8</b> (6.6)		<b>-57.5</b> (22.6)		-10.0 (6.2)		0.4 (4.9)		2.2 (3.9)		-0.2 (4.8)		12.7 (9.8)		8.7 (16.1)		
Romania	6.1 (8.2)		-0.7 (3.8)		3.5 (5.6)		<b>-58.3</b> (20.0)		0.7 (3.6)		1.4 (3.8)		-4.8 (3.1)		3.9 (3.3)		-3.3 (5.5)		<b>14.4</b> (5.9)		
Russian Federation	3.4 (3.5)		<b>-6.4</b> (3.0)		-0.5 (7.4)		-4.6 (21.3)		-3.4 (5.1)		2.8 (4.0)		-4.4 (3.6)		5.1 (5.1)		-11.7 (6.9)		<b>-13.5</b> (9.8)		
Serbia	16.7 (12.7)		2.6 (15.0)		1.4 (9.3)		16.3 (47.2)		-2.1 (4.7)		1.5 (5.3)		1.8 (4.2)		-3.4 (5.1)		8.0 (6.1)		11.6 (8.6)		
Shanghai-China	5.3 (4.0)																				



[Part 4/4]  
**Relationship between mathematics performance and the school's learning environment, resources, policies and practices**

Table IV.1.12b

	Assessment and accountability policies <sup>1</sup>										Learning environment and school climate at the school level <sup>1</sup>															
	Index of assessment practices		Schools that post achievement data publicly		Schools in which an administrative authority tracks data over time		Schools that seek written feedback from students (e.g. regarding lessons, teachers or resources)		Schools that have teacher mentoring		School average index of teacher-student relations (higher values indicate better climate)		School average index of disciplinary climate (higher values indicate better climate)		Index of teacher-related factors affecting school climate (higher values indicate positive teacher behaviour)		Index of student-related factors affecting school climate (higher values indicate positive student behaviour)		Index of teacher morale (higher values indicate better teacher morale)		Percentage of students who did not arrive late for school in the two weeks prior to the PISA test (10% increase)		Percentage of students who did not skip a whole school day in the two weeks prior to the PISA test (10% increase)			
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.		
<b>OECD</b>																										
Australia	-0.8 (1.4)		6.2 (3.4)		4.6 (5.1)		-1.8 (3.5)		-1.0 (5.8)		<b>15.3</b> (7.7)	<b>33.0</b> (6.6)	1.2 (2.2)	<b>5.8</b> (2.4)	-3.4 (2.0)	1.8 (1.1)	<b>5.0</b> (1.1)									
Austria	-0.9 (2.7)		20.9 (11.9)		2.4 (6.8)		6.7 (8.6)		4.3 (8.9)		<b>26.5</b> (12.4)	<b>63.2</b> (11.0)	-4.5 (4.4)	6.8 (3.7)	-6.8 (4.3)	0.8 (2.6)	2.7 (4.9)									
Belgium	-0.9 (1.7)		14.5 (15.6)		3.5 (4.0)		7.0 (4.2)		7.4 (5.9)		<b>31.6</b> (8.2)	<b>31.6</b> (8.2)	2.4 (2.9)	<b>5.2</b> (2.5)	-1.4 (2.6)	<b>4.6</b> (1.8)	<b>11.2</b> (3.4)									
Canada	<b>-4.0</b> (1.5)		5.6 (3.1)		2.3 (5.1)		<b>6.9</b> (3.0)		-8.6 (4.7)		-9.2 (7.7)	<b>27.2</b> (7.4)	-3.2 (2.4)	<b>11.4</b> (2.2)	<b>4.4</b> (1.8)	<b>4.8</b> (1.1)	<b>6.5</b> (1.4)									
Chile	<b>5.0</b> (2.0)		3.2 (4.1)		-0.5 (5.4)		-6.9 (4.1)		2.6 (5.1)		<b>-20.6</b> (8.1)	13.8 (7.5)	5.1 (3.1)	-2.3 (2.8)	3.4 (2.1)	<b>5.4</b> (1.3)	<b>8.6</b> (3.0)									
Czech Republic	-0.3 (2.5)		15.1 (6.2)		-1.5 (6.6)		-7.0 (6.2)		7.4 (5.9)		<b>-35.6</b> (13.0)	<b>35.8</b> (8.4)	-5.0 (5.3)	<b>14.4</b> (4.7)	-4.9 (4.4)	<b>4.3</b> (2.2)	<b>12.1</b> (3.6)									
Denmark	<b>3.5</b> (1.8)		-3.5 (4.0)		-1.9 (5.4)		-7.3 (3.8)		1.4 (3.8)		<b>19.2</b> (9.6)	<b>32.4</b> (7.9)	0.4 (3.0)	4.1 (3.2)	-0.6 (2.6)	-1.1 (1.1)	<b>6.5</b> (2.5)									
Estonia	-0.1 (1.9)		3.2 (4.2)		-4.5 (6.6)		-2.7 (5.4)		<b>13.9</b> (5.7)		-1.3 (10.7)	<b>20.0</b> (7.8)	<b>7.6</b> (3.1)	-0.6 (2.8)	4.8 (2.6)	<b>3.5</b> (1.4)	<b>6.4</b> (2.4)									
Finland	0.4 (1.3)		13.4 (10.6)		-3.4 (3.2)		0.4 (3.5)		1.9 (3.3)		5.7 (7.7)	1.1 (9.0)	-2.9 (2.1)	<b>6.4</b> (2.9)	1.1 (2.0)	<b>4.8</b> (1.3)	<b>1.5</b> (2.4)									
France	1.5 (2.0)		<b>10.7</b> (4.7)		-2.7 (5.5)		7.8 (7.0)		-2.9 (5.7)		-17.9 (10.9)	<b>36.0</b> (8.2)	-4.3 (3.9)	<b>7.3</b> (3.3)	3.7 (2.6)	<b>5.8</b> (1.2)	<b>4.9</b> (3.0)									
Germany	-3.8 (2.1)		2.0 (9.5)		-0.8 (6.3)		2.1 (5.7)		2.5 (5.4)		<b>-50.2</b> (10.4)	<b>17.9</b> (8.6)	2.3 (4.2)	5.6 (4.9)	-3.1 (3.3)	-2.4 (1.6)	<b>6.2</b> (5.0)									
Greece	2.4 (1.6)		-5.7 (5.3)		2.8 (4.0)		-6.6 (5.7)		<b>-13.1</b> (6.6)		-9.6 (8.5)	<b>29.5</b> (11.1)	1.2 (2.5)	-1.9 (3.3)	-0.9 (2.1)	-3.0 (1.9)	<b>5.0</b> (2.2)									
Hungary	4.2 (3.5)		2.1 (5.9)		-0.6 (6.5)		<b>18.4</b> (7.9)		-8.0 (7.0)		-25.5 (13.7)	<b>37.3</b> (9.8)	-4.0 (5.1)	1.4 (3.6)	6.3 (4.0)	<b>6.5</b> (1.9)	<b>6.3</b> (3.2)									
Iceland	<b>9.5</b> (4.0)		5.0 (7.1)		-13.0 (9.0)		<b>12.6</b> (5.5)		5.9 (7.8)		<b>32.0</b> (10.1)	17.9 (12.3)	-8.6 (4.7)	2.4 (5.3)	0.2 (3.8)	<b>6.5</b> (2.1)	<b>13.9</b> (10.6)									
Ireland	<b>-5.5</b> (2.5)		<b>15.6</b> (6.4)		-1.2 (4.4)		0.7 (4.7)		4.9 (4.8)		<b>-25.2</b> (11.8)	<b>26.5</b> (8.6)	<b>-5.9</b> (2.7)	<b>12.6</b> (3.2)	-3.6 (2.9)	<b>5.0</b> (1.9)	2.3 (6.0)									
Israel	-3.8 (5.2)		<b>24.8</b> (7.8)		-23.9 (12.8)		-10.0 (6.7)		-15.2 (12.4)		<b>-39.5</b> (12.5)	<b>48.6</b> (11.7)	-6.7 (6.5)	0.7 (5.2)	5.2 (4.2)	2.7 (3.7)	<b>12.7</b> (3.7)									
Italy	2.7 (1.5)		1.4 (3.1)		-3.3 (3.2)		3.9 (2.9)		-4.9 (3.3)		<b>-48.3</b> (6.1)	<b>25.3</b> (5.9)	-3.4 (2.3)	<b>7.7</b> (2.2)	-0.2 (1.8)	<b>10.1</b> (1.2)	<b>10.6</b> (1.0)									
Japan	0.1 (2.4)		4.5 (10.0)		-5.4 (11.1)		-9.3 (7.2)		<b>-20.9</b> (9.9)		<b>36.3</b> (13.0)	<b>37.0</b> (13.4)	-3.1 (4.2)	-2.2 (4.4)	5.3 (3.6)	2.1 (4.5)	<b>33.5</b> (9.1)									
Korea	<b>7.7</b> (3.1)		11.3 (6.1)		<b>-25.1</b> (9.7)		-10.0 (8.7)		8.9 (9.4)		<b>44.8</b> (15.3)	<b>30.7</b> (12.5)	-3.2 (3.3)	1.3 (3.7)	1.3 (3.2)	<b>4.5</b> (2.2)	<b>24.2</b> (9.7)									
Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Mexico	1.5 (1.4)		-2.7 (2.5)		5.7 (4.9)		3.3 (3.0)		3.0 (2.4)		<b>-18.8</b> (5.0)	<b>24.4</b> (4.9)	-0.4 (1.9)	1.1 (1.7)	0.1 (1.3)	0.4 (0.9)	<b>4.0</b> (1.0)									
Netherlands	<b>-5.7</b> (2.8)		6.0 (8.5)		-10.8 (6.9)		-1.6 (12.5)		12.2 (17.3)		17.2 (15.4)	<b>24.8</b> (12.1)	<b>-12.5</b> (5.6)	4.6 (5.0)	-5.2 (3.7)	<b>7.7</b> (2.0)	<b>13.7</b> (6.9)									
New Zealand	-10.5 (6.1)		1.3 (5.4)		<b>19.3</b> (7.1)		<b>-36.5</b> (18.4)		5.0 (13.4)		<b>-31.7</b> (9.7)	<b>48.7</b> (8.6)	-3.1 (3.9)	<b>6.3</b> (3.0)	<b>9.4</b> (2.5)	<b>3.9</b> (1.8)	<b>16.4</b> (2.7)									
Norway	<b>-4.3</b> (1.7)		<b>10.2</b> (4.5)		-5.9 (6.7)		7.7 (4.6)		-4.8 (5.1)		9.6 (11.6)	<b>40.4</b> (10.0)	<b>9.5</b> (4.1)	0.8 (4.0)	3.1 (3.2)	0.0 (1.7)	<b>8.7</b> (4.2)									
Poland	-2.0 (3.7)		3.3 (4.5)		1.6 (5.0)		-6.0 (5.2)		0.6 (8.7)		-6.3 (10.7)	<b>20.4</b> (7.4)	4.0 (4.6)	2.0 (4.3)	-1.0 (3.4)	-0.7 (1.5)	<b>7.2</b> (2.9)									
Portugal	-1.3 (3.1)		2.2 (4.0)		-7.9 (6.9)		0.2 (4.4)		4.9 (4.7)		0.8 (10.3)	14.9 (10.7)	1.3 (2.8)	1.5 (2.0)	1.7 (2.4)	-0.2 (1.4)	2.9 (2.6)									
Slovak Republic	-0.4 (2.8)		-2.9 (7.0)		-5.8 (7.1)		-6.9 (6.7)		<b>-23.3</b> (8.1)		<b>-50.1</b> (13.6)	<b>58.9</b> (11.2)	1.0 (6.4)	-6.1 (4.1)	6.9 (4.3)	<b>6.2</b> (2.4)	<b>10.6</b> (3.5)									
Slovenia	-3.4 (2.5)		-0.6 (5.4)		0.1 (7.0)		-4.3 (6.7)		-6.4 (5.1)		-20.0 (15.5)	<b>39.4</b> (7.3)	6.4 (3.5)	0.9 (4.8)	-2.7 (3.0)	-0.7 (2.1)	<b>16.9</b> (2.2)									
Spain	-1.8 (1.8)		-1.1 (3.6)		4.9 (3.6)		6.0 (3.3)		-3.5 (3.9)		-5.3 (6.8)	<b>12.5</b> (5.5)	-2.8 (2.5)	<b>7.3</b> (2.2)	1.6 (1.8)	1.3 (1.1)	<b>8.1</b> (1.2)									
Sweden	0.1 (2.5)		0.2 (6.5)		w	w	0.7 (6.3)		3.7 (4.9)		12.4 (10.0)	<b>33.3</b> (10.6)	-5.1 (3.2)	6.0 (3.7)	2.1 (3.2)	<b>4.1</b> (1.7)	<b>6.6</b> (4.4)									
Switzerland	-0.9 (1.8)		-10.3 (10.4)		2.6 (5.0)		-3.5 (5.8)		2.4 (5.0)		<b>21.3</b> (10.7)	<b>33.3</b> (11.3)	-0.2 (3.3)	3.0 (3.7)	-2.8 (3.1)	<b>-5.2</b> (2.0)	<b>12.7</b> (4.4)									
Turkey	3.7 (2.9)		5.7 (5.5)		10.2 (16.5)		6.7 (7.5)		-7.3 (7.2)		<b>-61.4</b> (11.4)	<b>94.3</b> (12.3)	<b>-8.2</b> (3.7)	3.7 (4.1)	<b>7.9</b> (3.0)	1.7 (2.6)	<b>-4.5</b> (2.3)									
United Kingdom	<b>10.1</b> (4.2)		-2.8 (7.8)		<b>-22.0</b> (8.7)		-4.9 (5.2)		6.1 (6.7)		7.8 (10.6)	<b>41.4</b> (7.4)	5.3 (2.8)	-4.7 (3.4)	<b>2.7</b> (2.7)	<b>6.8</b> (1.6)	<b>7.3</b> (2.4)									
United States	-4.1 (2.6)		7.6 (7.8)		<b>-41.2</b> (20.4)		1.7 (4.8)		<b>47.9</b> (19.2)		<b>31.9</b> (10.6)	18.6 (13.0)	0.9 (2.6)	4.8 (3.9)	-0.3 (2.7)	<b>6.6</b> (1.6)	-0.2 (2.4)									
OECD average	-0.1 (0.5)		<b>5.0</b> (1.2)		<b>-4.3</b> (1.4)		-1.0 (1.2)		0.7 (1.4)		<b>-6.2</b> (1.9)	<b>32.4</b> (1.7)	-1.2 (0.7)	<b>3.6</b> (0.7)	1.0 (0.5)	<b>3.0</b> (0.3)	<b>8.8</b> (0.8)									
<b>Partners</b>																										
Albania	-0.6 (2.6)		-0.4 (6.4)		<b>-15.6</b> (6.0)		-5.6 (6.1)		-5.5 (9.2)		-9.6 (11.3)	-13.8 (11.8)	0.5 (2.9)	-2.2 (3.1)	0.4 (3.3)	0.9 (2.2)	-0.1 (2.9)									
Argentina	0.5 (1.8)		2.9 (6.7)		-7.7 (4.5)		0.4 (4.2)		-1.4 (3.9)		<b>-51.0</b> (8.9)	<b>21.7</b> (9.5)	1.7 (3.0)	3.1 (2.3)	4.2 (3.4)	<b>6.0</b> (1.3)	<b>4.3</b> (1.6)									
Brazil	-0.6 (1.8)		-4.6 (3.7)		-5.3 (5.3)		-1.9 (3.2)		2.3 (5.7)		<b>-14.9</b> (6.8)	<b>27.5</b> (6.6)	-2.5 (2.2)	3.7 (1.9)	0.6 (1.8)	2.0 (1.1)	0.4 (1.2)									
Bulgaria	2.9 (4.7)		<b>19.3</b> (6.0)		-3.1 (9.7)		7.5 (7.4)		-2.5 (6.1)		<b>-56.4</b> (10.9)	23.0 (12.6)	-3.6 (3.0)	5.6 (3.7)	<b>9.2</b> (4.0)	2.9 (2.1)	<b>7.7</b> (2.5)									
Colombia	3.2 (2.7)		4.2 (4.1)		-3.3 (5.3)		<b>12.4</b> (4.7)		-5.7 (4.8)		<b>-44.2</b> (9.5)	13.2 (9.3)	-1.9 (2.2)	<b>7.2</b> (2.8)	1.3 (2.6)	1.3 (1.3)	2.0 (3.2)									
Costa Rica	-0.9 (2.0)		4.5 (6.0)		5.5 (11.1)		-5.6 (3.9)		2.1 (4.8)		-8.5 (11.2)	12.7 (10.0)	-2.5 (3.9)	<b>3.2</b> (2.9)	<b>6.1</b> (2.4)	-0.1 (1.2)	2.8 (2.1)									
Croatia	<b>-5.1</b> (2.3)		1.0 (4.5)		0.3 (6.9)		-7.5 (4.3)		<b>-8.3</b> (20.9)		<b>-4.6</b> (11.8)	<b>24.8</b> (9.5)	-2.0 (3.5)	1.2 (3.3)	2.0 (2.9)	<b>6.9</b> (2.1)	<b>12.1</b> (2.9)									
Cyprus*	<b>7.8</b> (1.6)		1.3 (9.5)		<b>15.1</b> (6.8)		0.0 (5.1)		4.9 (9.9)		17.4 (14.6)	<b>69.9</b> (14.6)	7.4 (5.6)	-8.7 (4.6)	-2.6 (3.0)	-4.0 (2.6)	<b>12.1</b> (2.4)									
Hong Kong-China	-1.6 (4.4)		-3.8 (7.6)		-3.5 (6.2)		2.6 (7.7)		-9.4 (9.6)		-7.0 (22.8)	0.6 (14.5)	6.1 (5.3)	-3.2 (4.6)	<b>10.1</b> (4.8)	-0.3 (4.3)	12.7 (9.1)									



[Part 1/5]

## Relationship among mathematics performance, the school's learning environment, resources, policies and practices, and student and school characteristics


Table IV.1.12c

	Schools' policies on selecting and grouping students <sup>1</sup>								Resources invested in education at the school level <sup>1</sup>							
	Percentage of students who repeated one or more grades		School with ability grouping for all mathematics classes		School with high academic selectivity for school admittance		School is very likely to transfer students with low achievement, behavioural problems or special learning needs		Proportion of teachers with ISCED 5A (10% increase)		Percentage of mathematics teachers in the school who have attended a programme of professional development with a focus on mathematics during the previous three months		Student-teacher ratio		Index of teacher shortage (higher values indicate more shortages)	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
<b>OECD</b>																
Australia	-0.6	(0.2)	-2.8	(15.6)	<b>6.9</b>	(2.7)	12.2	(7.1)	-0.7	(0.6)	0.0	(0.0)	<b>2.1</b>	(0.8)	1.5	(1.6)
Austria	-0.9	(0.3)	c	c	<b>15.0</b>	(7.2)	-2.2	(6.0)	<b>3.3</b>	(1.2)	0.0	(0.1)	<b>-1.3</b>	(0.5)	-2.1	(2.7)
Belgium	-1.5	(0.2)	5.8	(3.9)	3.0	(3.9)	1.5	(4.0)	0.7	(1.5)	0.0	(0.0)	0.6	(1.1)	-4.0	(2.1)
Canada	-1.0	(0.2)	10.0	(6.0)	-3.2	(2.9)	-5.0	(6.9)	<b>1.8</b>	(0.6)	-0.1	(0.0)	0.6	(0.4)	2.2	(1.7)
Chile	-0.7	(0.2)	-0.3	(3.0)	6.1	(3.2)	-0.8	(3.1)	0.4	(0.7)	0.1	(0.0)	0.0	(0.3)	-0.3	(1.4)
Czech Republic	0.1	(0.5)	-5.4	(5.3)	11.5	(6.0)	2.1	(7.3)	3.3	(2.7)	0.0	(0.1)	-0.4	(0.8)	<b>-18.9</b>	(4.3)
Denmark	-1.5	(0.3)	-1.5	(3.6)	-4.6	(3.8)	2.0	(11.2)	0.5	(0.7)	-0.1	(0.1)	-0.1	(0.7)	-0.9	(2.9)
Estonia	-1.3	(0.5)	-9.8	(5.4)	4.2	(3.3)	-17.8	(10.5)	c	c	0.0	(0.0)	0.4	(0.8)	-3.6	(2.3)
Finland	-1.1	(0.4)	-4.3	(2.9)	-11.7	(8.2)	-12.9	(11.0)	0.6	(0.9)	0.1	(0.0)	-1.6	(1.0)	-0.2	(2.4)
France	-1.2	(0.1)	3.5	(3.9)	3.8	(5.2)	-8.0	(5.7)	<b>-1.3</b>	(0.5)	0.0	(0.1)	0.1	(1.0)	-1.6	(2.3)
Germany	-1.2	(0.3)	-5.1	(4.5)	-5.9	(4.7)	-3.4	(8.3)	c	c	-0.1	(0.1)	-0.9	(0.5)	-5.0	(2.8)
Greece	-0.9	(0.5)	<b>-10.4</b>	(5.0)	6.1	(8.8)	4.8	(4.5)	-3.0	(2.1)	0.1	(0.1)	0.1	(1.2)	1.3	(3.2)
Hungary	-0.7	(0.2)	-2.2	(6.3)	<b>20.6</b>	(10.3)	<b>-16.7</b>	(6.2)	-2.0	(6.1)	0.0	(0.1)	-0.3	(0.6)	4.9	(3.7)
Iceland	1.0	(1.6)	8.7	(6.9)	9.9	(5.3)	-1.5	(20.5)	0.8	(0.9)	0.1	(0.1)	0.0	(1.8)	0.1	(2.9)
Ireland	-0.6	(0.3)	10.6	(9.3)	<b>9.2</b>	(3.8)	11.6	(10.3)	-0.7	(11.4)	-0.1	(0.1)	1.1	(0.7)	-2.7	(2.0)
Israel	0.0	(0.8)	<b>24.3</b>	(10.0)	<b>13.3</b>	(6.4)	<b>-13.8</b>	(6.7)	2.1	(1.4)	0.1	(0.1)	-0.1	(1.4)	-0.3	(2.6)
Italy	-1.0	(0.4)	<b>-7.6</b>	(3.1)	2.9	(2.8)	0.4	(3.4)	<b>-2.0</b>	(1.0)	<b>0.1</b>	(0.0)	<b>1.5</b>	(0.5)	-0.5	(1.5)
Japan	c	c	<b>-15.0</b>	(5.4)	<b>-25.9</b>	(10.9)	-6.2	(10.7)	13.5	(60.6)	-0.1	(0.1)	0.0	(1.3)	2.8	(2.8)
Korea	-0.5	(0.5)	-10.8	(8.8)	0.7	(5.6)	-6.4	(5.8)	5.0	(9.9)	0.1	(0.1)	-0.6	(0.7)	-2.5	(2.9)
Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Mexico	-0.5	(0.1)	-0.6	(2.1)	4.0	(2.2)	-3.0	(2.4)	0.4	(0.5)	0.0	(0.0)	0.0	(0.0)	0.8	(1.2)
Netherlands	-1.8	(0.3)	<b>-18.5</b>	(7.9)	-0.9	(13.3)	0.9	(8.3)	2.7	(1.7)	0.1	(0.1)	0.4	(1.1)	0.6	(3.3)
New Zealand	-0.4	(0.5)	<b>-40.4</b>	(16.3)	-5.9	(3.2)	5.5	(7.2)	-1.1	(1.7)	-0.1	(0.1)	0.4	(0.8)	-2.8	(1.8)
Norway	c	c	2.6	(3.9)	-7.8	(7.8)	<b>-50.3</b>	(11.8)	c	c	0.1	(0.1)	<b>-2.9</b>	(1.2)	-1.6	(2.3)
Poland	-1.0	(0.9)	-4.4	(4.3)	<b>12.2</b>	(5.9)	15.2	(10.1)	0.2	(0.9)	0.1	(0.1)	<b>2.9</b>	(1.0)	7.9	(9.0)
Portugal	-1.4	(0.1)	-1.2	(4.1)	-2.3	(3.9)	-5.2	(9.9)	0.4	(0.4)	0.1	(0.1)	0.3	(0.9)	-1.8	(2.9)
Slovak Republic	0.2	(0.3)	-5.9	(5.6)	<b>22.1</b>	(8.4)	-0.1	(6.2)	-0.7	(2.2)	0.0	(0.1)	-1.2	(0.9)	-6.1	(3.7)
Slovenia	-1.0	(1.3)	-4.7	(4.1)	-2.2	(5.3)	2.2	(4.7)	<b>3.3</b>	(1.2)	0.0	(0.0)	-0.7	(0.9)	<b>-8.6</b>	(3.5)
Spain	-0.9	(0.2)	-4.6	(5.9)	-12.1	(6.4)	3.2	(6.3)	-0.2	(0.8)	0.1	(0.0)	0.2	(0.1)	-1.3	(2.0)
Sweden	-0.6	(0.4)	-5.8	(4.6)	1.1	(8.0)	2.8	(9.0)	-0.3	(0.5)	0.1	(0.1)	-0.1	(0.8)	-3.6	(2.5)
Switzerland	-1.4	(0.2)	-10.5	(6.0)	3.2	(3.7)	4.5	(6.6)	<b>1.2</b>	(0.4)	<b>0.1</b>	(0.1)	0.0	(0.6)	<b>-6.1</b>	(2.2)
Turkey	-0.8	(0.5)	<b>-19.2</b>	(6.5)	<b>20.5</b>	(5.2)	-9.3	(5.3)	-1.0	(1.3)	0.0	(0.1)	0.1	(0.4)	-0.6	(2.8)
United Kingdom	-2.2	(0.6)	<b>25.3</b>	(11.0)	<b>9.1</b>	(4.5)	<b>-16.6</b>	(7.7)	-1.3	(0.7)	-0.1	(0.0)	1.0	(1.1)	-3.2	(2.4)
United States	-1.4	(0.3)	11.9	(11.3)	-6.1	(3.9)	-0.8	(12.8)	1.6	(4.4)	0.0	(0.1)	0.1	(0.1)	-2.7	(2.3)
OECD average	<b>-0.9</b>	(0.1)	<b>-2.8</b>	(1.3)	<b>2.9</b>	(1.1)	<b>-3.4</b>	(1.5)	0.9	(2.1)	<b>0.0</b>	(0.0)	0.1	(0.2)	<b>-1.8</b>	(0.5)
<b>Partners</b>																
Albania	0.7	(0.9)	c	c	8.2	(5.3)	0.0	(5.8)	-0.1	(1.4)	0.0	(0.1)	c	c	-0.6	(2.5)
Argentina	<b>-0.8</b>	(0.2)	4.2	(5.8)	-0.5	(5.3)	2.8	(7.0)	0.7	(1.2)	<b>0.1</b>	(0.1)	0.1	(0.2)	-1.5	(2.8)
Brazil	<b>-0.9</b>	(0.1)	-6.3	(4.0)	1.2	(3.6)	4.9	(3.8)	-0.2	(0.8)	0.0	(0.0)	<b>-0.2</b>	(0.1)	-0.2	(1.7)
Bulgaria	-0.7	(0.5)	<b>-30.4</b>	(11.4)	8.3	(6.2)	-0.7	(4.5)	c	c	0.2	(0.1)	0.1	(0.1)	8.1	(4.9)
Colombia	<b>-0.7</b>	(0.2)	-1.3	(8.1)	-6.6	(3.8)	4.4	(5.5)	0.4	(0.8)	0.0	(0.1)	-0.4	(0.2)	2.4	(1.5)
Costa Rica	<b>-1.0</b>	(0.2)	-1.2	(3.9)	-7.1	(4.0)	3.4	(4.3)	-0.8	(1.1)	0.0	(0.1)	<b>0.4</b>	(0.1)	1.4	(2.4)
Croatia	-0.9	(0.7)	1.1	(9.2)	<b>27.2</b>	(9.3)	2.9	(6.2)	1.6	(2.9)	0.0	(0.1)	-1.0	(1.0)	0.2	(3.2)
Cyprus*	<b>-1.9</b>	(0.4)	<b>-10.7</b>	(4.8)	-5.3	(7.1)	0.1	(5.2)	-2.3	(1.4)	0.1	(0.1)	<b>14.7</b>	(2.3)	-0.5	(2.1)
Hong Kong-China	<b>-1.7</b>	(0.5)	-10.2	(7.1)	9.5	(10.3)	-11.8	(7.9)	-2.6	(3.1)	-0.1	(0.1)	<b>6.5</b>	(1.6)	2.4	(4.2)
Indonesia	-0.2	(0.2)	-5.9	(7.0)	-6.4	(6.0)	-8.5	(5.7)	-1.7	(1.6)	0.1	(0.1)	<b>-1.3</b>	(0.5)	-0.6	(3.5)
Jordan	<b>-1.5</b>	(0.4)	-4.0	(5.7)	1.2	(4.9)	3.6	(4.3)	1.1	(1.0)	0.0	(0.1)	0.1	(0.6)	1.0	(1.8)
Kazakhstan	-0.4	(0.9)	5.7	(14.1)	4.2	(5.8)	<b>-17.4</b>	(5.9)	-0.9	(0.9)	-0.1	(0.1)	<b>2.0</b>	(0.9)	3.1	(2.6)
Latvia	-0.3	(0.4)	2.7	(5.6)	9.1	(4.8)	2.6	(6.0)	-0.4	(0.6)	0.0	(0.0)	0.7	(1.4)	-3.1	(2.8)
Lithuania	<b>-1.2</b>	(0.5)	6.5	(5.7)	6.9	(5.2)	-21.3	(12.1)	0.3	(1.0)	0.1	(0.0)	-0.1	(0.2)	6.6	(3.6)
Macao-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Malaysia	c	c	-3.1	(8.5)	1.9	(4.0)	-2.5	(4.5)	0.5	(0.9)	<b>0.1</b>	(0.0)	-0.7	(0.8)	3.5	(3.0)
Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Peru	<b>-0.4</b>	(0.2)	-7.4	(6.0)	6.1	(5.0)	3.9	(4.9)	<b>-2.1</b>	(1.1)	0.1	(0.1)	0.0	(0.3)	1.0	(2.5)
Qatar	<b>-0.8</b>	(0.3)	11.8	(11.2)	3.9	(5.9)	-14.5	(9.0)	<b>10.6</b>	(4.0)	0.2	(0.1)	<b>-0.7</b>	(0.2)	-4.6	(4.3)
Romania	-0.1	(0.4)	-16.4	(8.8)	1.2	(4.6)	-3.9	(6.1)	<b>-7.5</b>	(3.3)	-0.1	(0.0)	<b>1.0</b>	(0.4)	-7.4	(4.1)
Russian Federation	-0.7	(0.9)	2.0	(10.4)	9.4	(5.8)	-5.3	(9.2)	3.4	(2.1)	-0.1	(0.1)	-1.6	(1.0)	1.4	(2.8)
Serbia	<b>-2.9</b>	(1.5)	-12.6	(13.7)	-10.5	(9.5)	-3.7	(7.5)	1.2	(1.3)	0.0	(0.1)	-0.7	(1.0)	-6.1	(5.4)
Shanghai-China	<b>-1.2</b>	(0.4)	-0.4	(11.1)	11.6	(6.1)	-9.4	(9.2)	-2.0	(3.3)	-0.1	(0.1)	1.0	(0.7)	-4.1	(2.3)
Singapore	0.0	(0.8)	-9.9	(13.7)	0.8	(5.3)	19.9	(14.5)	<b>13.0</b>	(5.7)	0.1	(0.1)	<b>-1.3</b>	(0.6)	-0.5	(3.0)
Chinese Taipei	<b>-7.0</b>	(2.1)	8.0	(6.5)	<b>20.3</b>	(5.8)	-0.8	(5.9)	-0.2	(1.1)	<b>-0.3</b>	(0.1)	-0.8	(0.7)	-2.5	(3.3)
Thailand	0.3	(0.8)	-9.1	(6.2)	-4.0	(7.2)	-7.1	(5.7)	22.7	(11.6)	0.1	(0.1)	-0.8	(0.4)	<b>7.3</b>	(3.2)
Tunisia	<b>-1.1</b>	(0.2)	-7.9	(6.4)	0.5	(5.7)	1.2	(5.8)	2.8	(1.6)	0.0	(0.1)	-0.1	(0.1)	-3.8	(2.9)
United Arab Emirates	<b>-0.5</b>	(0.2)	<b>16.5</b>	(5.5)	0.1	(4.0)	-5.4	(4.5)	<b>3.9</b>	(1.2)	0.0	(0.0)	-0.1	(0.4)	1.8	(1.5)
Uruguay	<b>-0.8</b>	(0.2)	1.2	(7.1)	-4.8	(5.4)	-12.8	(11.5)	2.4	(2.1)	0.0	(0.0)	<b>-0.7</b>	(0.3)	2.2	(2.7)
Viet Nam	<b>-1.0</b>	(0.4)	7.2	(11.7)	6.1	(8.4)	5.0	(6.7)	1.7	(1.0)	0.0	(0.1)	<b>-1.7</b>	(0.8)	1.4	(2.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Multilevel regression model (student and school levels): Mathematics performance is regressed on all the variables presented in this table.

\* See notes at the beginning of this Annex.

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[Part 2/5]

**Relationship among mathematics performance, the school's learning environment, resources, policies and practices, and student and school characteristics**

Table IV.1.12c

		Resources invested in education at the school level <sup>1</sup>															
		Index of quality of schools/ educational resources (higher values indicate better resources)		Index of quality of physical infrastructure (higher values indicate better resources)		School average of students' learning time per week in regular school mathematics lessons (minutes)		Percentage of students who attended pre-primary education for more than one year (10% increase)		School average of students' hours per week spent on homework or other study set by teachers, all school subjects combined (hours)		School offering mathematics lessons in addition to those offered during regular school hours (1=yes, 0=no)		Index of creative extracurricular activities at school		Index of extracurricular mathematics activities at school	
		Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD	Australia	3.1	(2.0)	-3.7	(2.0)	0.1	(0.1)	<b>3.6</b>	(0.8)	0.4	(0.8)	7.0	(4.0)	1.4	(1.6)	-2.7	(1.8)
	Austria	4.3	(2.9)	-1.8	(2.4)	0.0	(0.1)	1.5	(2.0)	1.1	(2.9)	7.3	(6.5)	3.2	(3.3)	2.0	(3.1)
	Belgium	-0.4	(2.1)	-0.3	(2.1)	<b>0.4</b>	(0.1)	2.9	(1.6)	2.0	(2.8)	1.4	(4.4)	-2.3	(1.9)	1.6	(2.6)
	Canada	-1.8	(1.7)	1.1	(2.0)	<b>-0.1</b>	(0.0)	0.5	(0.9)	1.5	(0.9)	3.4	(3.4)	-2.6	(2.4)	0.8	(1.3)
	Chile	-2.6	(1.6)	-0.2	(1.4)	-0.1	(0.0)	<b>3.1</b>	(1.4)	-2.2	(1.2)	-2.5	(3.8)	-0.4	(1.7)	2.3	(1.4)
	Czech Republic	0.3	(3.5)	-5.0	(4.0)	0.1	(0.1)	-1.8	(1.6)	3.5	(2.1)	6.9	(7.8)	-0.2	(2.7)	-1.0	(2.8)
	Denmark	0.7	(2.4)	1.0	(1.9)	0.0	(0.1)	-1.1	(1.5)	1.7	(1.6)	1.7	(3.9)	<b>-3.6</b>	(1.8)	-1.6	(2.5)
	Estonia	-1.6	(2.5)	-2.0	(1.7)	0.2	(0.2)	-1.7	(1.0)	0.8	(2.1)	-6.2	(5.3)	<b>4.1</b>	(2.1)	-1.4	(1.8)
	Finland	-1.6	(1.6)	-0.7	(1.5)	-0.2	(0.1)	-1.3	(2.1)	1.0	(1.3)	-1.4	(4.3)	-0.9	(1.6)	0.8	(1.7)
	France	-1.5	(2.6)	-2.7	(2.4)	<b>0.3</b>	(0.1)	-0.7	(1.5)	<b>6.0</b>	(3.0)	-11.2	(5.9)	-3.7	(2.5)	<b>7.7</b>	(2.4)
	Germany	1.6	(3.3)	-0.6	(2.8)	0.0	(0.1)	2.8	(2.2)	<b>12.0</b>	(2.7)	7.9	(6.4)	2.9	(3.3)	3.0	(2.3)
	Greece	-4.4	(2.9)	2.7	(2.9)	<b>1.6</b>	(0.5)	<b>4.4</b>	(1.5)	3.0	(1.6)	-2.1	(9.1)	0.1	(1.8)	4.2	(3.4)
	Hungary	5.0	(3.1)	-0.6	(3.4)	0.1	(0.2)	2.7	(1.7)	0.3	(4.9)	-0.8	(8.1)	1.1	(2.7)	-0.5	(2.1)
	Iceland	-0.4	(3.8)	-5.5	(4.1)	-0.1	(0.2)	-4.1	(2.2)	1.9	(5.5)	7.5	(5.7)	5.4	(3.4)	-2.6	(1.9)
	Ireland	1.5	(1.9)	-2.0	(1.4)	0.0	(0.2)	<b>2.8</b>	(1.0)	-1.3	(1.5)	1.1	(4.6)	2.5	(2.0)	-0.2	(1.7)
	Israel	-1.1	(3.4)	0.4	(3.2)	0.2	(0.1)	-1.9	(1.9)	<b>9.2</b>	(2.0)	-9.2	(9.5)	<b>5.8</b>	(2.7)	-0.8	(2.8)
	Italy	-0.8	(1.6)	2.6	(1.4)	<b>0.4</b>	(0.1)	0.5	(0.7)	<b>8.3</b>	(1.5)	-2.4	(5.0)	2.6	(1.5)	1.7	(1.7)
	Japan	-1.6	(3.0)	-1.6	(3.4)	<b>0.2</b>	(0.1)	1.6	(1.9)	<b>13.4</b>	(6.6)	<b>-17.7</b>	(8.0)	3.0	(3.6)	<b>8.0</b>	(3.1)
	Korea	3.8	(4.3)	-2.9	(3.9)	<b>0.3</b>	(0.1)	<b>5.6</b>	(1.4)	3.3	(2.0)	-3.0	(9.2)	2.9	(3.5)	0.1	(3.4)
	Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Mexico	0.0	(1.3)	1.2	(1.2)	<b>0.1</b>	(0.0)	<b>1.5</b>	(0.7)	1.3	(0.7)	2.7	(3.0)	-0.7	(1.1)	0.3	(0.9)
	Netherlands	-1.1	(3.6)	0.0	(3.9)	0.0	(0.2)	<b>7.7</b>	(1.5)	-1.0	(4.9)	0.3	(6.1)	-5.6	(3.2)	2.2	(3.6)
	New Zealand	1.6	(2.6)	-2.9	(2.6)	0.0	(0.1)	<b>4.0</b>	(1.5)	<b>3.6</b>	(1.7)	10.9	(7.7)	5.1	(4.0)	2.1	(2.2)
	Norway	-5.4	(3.4)	0.2	(2.7)	0.2	(0.1)	2.3	(1.8)	0.3	(2.1)	-2.7	(5.0)	-2.0	(2.5)	2.3	(2.7)
	Poland	-2.6	(2.6)	-3.0	(2.8)	0.1	(0.2)	1.6	(1.4)	2.1	(1.4)	6.0	(8.0)	1.8	(3.8)	-5.2	(3.1)
	Portugal	4.0	(2.3)	-3.3	(2.2)	0.0	(0.0)	2.9	(1.9)	<b>3.2</b>	(1.3)	1.7	(6.0)	<b>-5.4</b>	(2.1)	3.8	(2.3)
	Slovak Republic	-4.3	(4.5)	3.3	(3.0)	0.2	(0.1)	-0.3	(1.4)	0.3	(2.3)	-9.7	(7.9)	0.3	(2.4)	3.5	(3.1)
	Slovenia	-0.2	(3.1)	-4.6	(2.7)	0.4	(0.2)	<b>-3.5</b>	(1.3)	1.5	(1.4)	-0.6	(5.4)	4.1	(2.5)	2.1	(2.2)
	Spain	1.0	(1.6)	-0.5	(1.6)	-0.1	(0.1)	0.5	(0.9)	1.4	(1.2)	0.0	(3.1)	-1.3	(1.4)	1.4	(1.5)
	Sweden	-5.1	(3.0)	2.5	(2.2)	-0.1	(0.1)	-1.5	(1.6)	-0.3	(1.6)	-3.8	(5.4)	2.0	(2.1)	4.4	(2.4)
	Switzerland	-2.3	(2.4)	3.0	(2.9)	0.0	(0.1)	-1.6	(1.5)	-1.2	(0.8)	<b>-11.9</b>	(4.6)	-1.1	(2.0)	<b>8.4</b>	(2.4)
	Turkey	1.8	(4.0)	<b>-13.4</b>	(3.2)	<b>0.9</b>	(0.1)	2.5	(1.6)	6.1	(4.5)	-8.3	(7.1)	-1.4	(2.7)	<b>7.0</b>	(2.8)
	United Kingdom	1.2	(2.3)	-2.0	(2.3)	-0.1	(0.1)	<b>4.3</b>	(1.2)	<b>5.4</b>	(1.4)	<b>-17.7</b>	(7.0)	0.3	(3.1)	-3.1	(1.9)
	United States	-2.9	(3.1)	3.7	(4.1)	0.1	(0.1)	-0.3	(1.4)	1.1	(2.4)	0.1	(5.0)	6.6	(4.7)	2.9	(2.0)
OECD average	-0.4	(0.5)	<b>-1.1</b>	(0.5)	<b>0.2</b>	(0.0)	<b>1.2</b>	(0.3)	<b>2.7</b>	(0.5)	-1.4	(1.1)	0.7	(0.5)	<b>1.6</b>	(0.4)	
Partners	Albania	3.6	(3.2)	-0.5	(2.9)	0.2	(0.2)	-1.1	(1.5)	2.1	(1.7)	5.3	(6.4)	5.3	(3.1)	-3.0	(2.0)
	Argentina	0.1	(2.4)	-1.9	(2.3)	<b>0.2</b>	(0.1)	0.6	(1.3)	1.3	(1.5)	-3.6	(5.9)	1.8	(1.9)	-0.1	(1.9)
	Brazil	3.0	(1.6)	-1.2	(1.6)	<b>-0.2</b>	(0.1)	-0.8	(1.2)	1.8	(1.0)	-3.0	(4.6)	0.9	(2.1)	2.5	(2.3)
	Bulgaria	-2.3	(3.8)	-1.2	(2.8)	0.0	(0.1)	<b>3.1</b>	(1.5)	-2.3	(2.2)	-6.0	(7.3)	-3.1	(2.6)	1.6	(2.6)
	Colombia	3.0	(2.3)	-0.3	(1.9)	0.1	(0.1)	2.0	(1.1)	-0.3	(1.7)	-0.7	(4.3)	1.0	(2.1)	1.4	(1.7)
	Costa Rica	<b>5.3</b>	(2.2)	0.2	(2.2)	-0.2	(0.1)	2.3	(1.5)	0.5	(1.5)	-0.9	(5.1)	1.3	(2.6)	-2.4	(1.9)
	Croatia	-0.9	(3.5)	<b>6.0</b>	(2.8)	<b>0.5</b>	(0.1)	1.8	(1.7)	1.0	(1.8)	<b>-20.5</b>	(7.7)	0.5	(2.1)	2.8	(2.4)
	Cyprus*	<b>9.0</b>	(3.5)	-6.8	(3.8)	-0.5	(0.5)	<b>10.5</b>	(2.4)	-0.8	(2.3)	<b>16.5</b>	(6.2)	-0.1	(5.2)	<b>-6.6</b>	(3.0)
	Hong Kong-China	-4.7	(4.1)	9.2	(4.9)	-0.3	(0.2)	<b>7.6</b>	(2.2)	<b>19.8</b>	(5.3)	-8.0	(15.9)	-5.5	(6.2)	3.1	(4.5)
	Indonesia	3.7	(3.2)	-4.1	(3.8)	0.1	(0.1)	1.6	(2.1)	<b>3.5</b>	(1.4)	<b>-13.9</b>	(6.7)	6.4	(3.4)	3.5	(2.5)
	Jordan	2.3	(3.1)	<b>-4.9</b>	(2.3)	-0.2	(0.2)	<b>-3.2</b>	(1.4)	1.0	(2.0)	-8.1	(5.1)	<b>5.2</b>	(2.5)	0.5	(1.5)
	Kazakhstan	-1.7	(3.4)	3.2	(3.8)	<b>0.3</b>	(0.1)	-0.6	(1.7)	0.1	(1.9)	-11.9	(11.9)	-2.3	(2.9)	-0.5	(2.8)
	Latvia	-1.6	(3.1)	4.9	(2.8)	0.2	(0.1)	0.1	(1.1)	0.6	(1.7)	4.9	(8.0)	4.6	(3.2)	-0.8	(2.8)
	Lithuania	2.3	(3.2)	-0.4	(2.6)	<b>0.5</b>	(0.2)	1.8	(1.2)	0.4	(1.4)	-6.9	(6.2)	-2.8	(3.0)	0.9	(2.2)
	Macao-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Malaysia	0.1	(2.7)	1.0	(2.3)	<b>0.2</b>	(0.1)	<b>4.5</b>	(1.6)	1.9	(1.4)	-9.1	(8.6)	-0.9	(2.7)	-1.5	(2.4)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Peru	2.3	(2.5)	-3.3	(2.0)	0.2	(0.1)	-1.7	(1.1)	-1.7	(1.2)	-0.2	(5.2)	2.6	(2.2)	-0.3	(1.9)
	Qatar	<b>10.5</b>	(3.0)	<b>-17.7</b>	(3.9)	-0.5	(0.3)	<b>-11.7</b>	(4.1)	2.1	(3.4)	<b>29.2</b>	(9.2)	<b>15.7</b>	(4.2)	<b>-6.8</b>	(2.9)
	Romania	<b>7.4</b>	(3.6)	<b>-8.7</b>	(4.3)	0.1	(0.1)	<b>6.0</b>	(1.5)	1.4	(2.7)	4.2	(5.6)	-2.0	(3.0)	0.4	(2.4)
	Russian Federation	1.8	(4.0)	-3.5	(3.0)	0.2	(0.1)	0.1	(1.1)	1.5	(1.5)	-21.0	(12.8)	2.4	(2.6)	3.8	(2.8)
	Serbia	-6.3	(4.1)	4.8	(3.5)	0.2	(0.2)	4.9	(2.6)	<b>5.5</b>	(1.7)	5.6	(11.1)	0.6	(3.4)	<b>7.8</b>	(2.7)
	Shanghai-China	-2.5	(2.7)	-1.6	(3.3)	<b>-0.3</b>	(0.1)	<b>8.3</b>	(1.6)	<b>-7.4</b>	(3.3)	-3.6	(6.4)	0.0	(3.0)	4.7	(2.4)
	Singapore	0.4	(3.2)	-5.4	(3.7)	<b>0.3</b>	(0.1)	-0.5	(1.7)	<b>15.6</b>	(5.1)	-15.5	(8.2)	2.4	(4.0)	-1.3	(3.0)
	Chinese Taipei	2.2	(3.4)	<b>-8.4</b>	(3.6)	<b>0.4</b>	(0.1)	4.2	(2.2)	3.4	(3.5)	-11.1	(9.2)	2.6	(2.9)	2.9	(2.9)
	Thailand	3.1	(3.2)	1.7	(2.9)	0.0	(0.1)	<b>7.1</b>	(1.3)	-1.4	(3.0)	10.2	(10.6)	-2.5	(4.0)	-0.6	(3.6)
	Tunisia	-4.2	(3.4)	-4.4	(3.1)	0.1	(0.1)	-3.6	(1.9)	-1.7	(2.3)	-1.0	(7.4)	4.0	(3.4)	-0.6	(2.1)
	United Arab Emirates	2.3	(2.1)	-1.9	(1.8)	<b>-0.1</b>	(0.0)	1.3	(0.9)	<b>4.2</b>	(1.1)	<b>-10.9</b>	(4.4)	<b>5.3</b>	(2.3)	1.8	(1.7)
	Uruguay	-2.1	(2.0)	<b>5.0</b>	(1.8)	0.1	(0.1)	2.1	(1.7)	<b>3.1</b>	(1.4)	4.6	(6.5)	<b>4.1</b>	(2.1)	2.8	(2.1)
	Viet Nam	-2.9	(4.3)	2.2	(3.7)	0.0	(0.1)	<b>6.4</b>	(1.7)	2.6	(1.8)	-8.3	(14.3)	<b>7.8</b>	(3.5)	-6.0	(3.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Multilevel regression model (student and school levels): Mathematics performance is regressed on all the variables presented in this table.

\* See notes at the beginning of this Annex.

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[Part 3/5]

**Relationship among mathematics performance, the school's learning environment, resources, policies and practices, and student and school characteristics**

Table IV.1.12c

	School governance <sup>1</sup>																					
	Index of school responsibility for resource allocation (higher values indicate more autonomy)		Index of school responsibility for curriculum and assessment (higher values indicate more autonomy)		School competes with other schools for students in the same area		Private school		Index of school management: Instructional leadership		Index of school management: Teacher participation		Index of school management: Promoting instructional improvements and professional development		Index of school management: Framing and communicating the school's goals and curricular development		Use the same textbook in all mathematics classes for 15-year-olds (in the modal grade)		Mathematics teachers in the school follow a standardised curriculum that specifies content to be taught every month (at least)			
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.		
<b>OECD</b>																						
Australia	-2.1 (1.7)		-3.0 (1.7)		-12.2 (8.2)		0.8 (5.1)		-1.7 (3.0)	<b>4.5</b> (2.3)		<b>-3.8</b> (1.9)		-3.3 (2.1)	1.7 (3.0)		5.9 (5.0)					
Austria	-3.8 (4.5)		-4.4 (2.9)		-4.7 (5.2)		6.8 (16.4)		2.4 (4.0)	2.8 (4.2)		-2.7 (3.1)		-3.4 (3.9)	-4.7 (7.4)		-1.6 (5.5)					
Belgium	13.5 (9.8)		2.1 (2.2)		4.8 (7.6)		w	w	2.7 (2.6)	-2.0 (2.3)		-1.8 (2.3)		0.7 (2.2)	-1.5 (3.6)		-2.2 (4.4)					
Canada	<b>7.2</b> (2.9)		2.4 (2.4)		1.1 (3.6)		10.7 (8.8)		-3.9 (2.1)	-1.8 (2.1)		-0.1 (1.9)		3.3 (1.7)	0.7 (3.0)		<b>-8.1</b> (4.0)					
Chile	<b>4.4</b> (1.3)		-0.5 (1.4)		2.0 (4.9)		-10.6 (6.0)		-0.3 (2.9)	3.2 (2.0)		<b>-5.0</b> (2.2)		0.2 (2.1)	-4.8 (6.8)		-7.4 (5.1)					
Czech Republic	-3.8 (2.0)		2.8 (3.0)		<b>21.6</b> (7.9)		-2.2 (20.8)		1.6 (3.3)	2.4 (2.6)		-5.0 (3.0)		-5.1 (5.1)	-5.3 (8.2)		<b>-39.8</b> (15.3)					
Denmark	-1.7 (1.7)		0.8 (1.8)		8.6 (5.5)		-12.5 (8.7)		-0.6 (2.6)	-0.6 (2.4)		3.1 (1.9)		2.5 (2.1)	-3.2 (4.2)		1.2 (3.3)					
Estonia	-2.6 (2.2)		-2.7 (1.7)		<b>9.2</b> (4.4)		-29.6 (16.1)		0.8 (3.1)	-0.4 (2.6)		1.7 (2.8)		-0.9 (2.3)	<b>-11.9</b> (5.9)		0.5 (5.8)					
Finland	2.9 (2.2)		<b>4.7</b> (1.6)		1.1 (2.9)		c	c	<b>-4.8</b> (2.0)	-2.3 (1.8)		-0.7 (2.3)		2.9 (2.0)	-7.2 (4.9)		-1.2 (3.1)					
France	<b>-20.2</b> (7.3)		1.1 (2.4)		0.0 (4.4)		c	c	-1.9 (2.5)	4.0 (3.1)		-1.8 (3.2)		-1.9 (3.4)	<b>22.7</b> (7.4)		4.4 (4.0)					
Germany	<b>-66.5</b> (15.6)		-2.0 (2.7)		-0.2 (6.0)		-24.5 (19.0)		2.6 (4.6)	-1.4 (3.8)		-5.9 (4.0)		<b>11.2</b> (3.1)	<b>2.2</b> (5.9)		-2.5 (5.0)					
Greece	-11.9 (19.5)		-1.9 (9.4)		4.8 (5.9)		-11.3 (23.9)		5.8 (3.5)	-4.8 (3.1)		-0.6 (3.0)		-3.5 (2.8)	4.2 (17.4)		7.0 (5.8)					
Hungary	-1.4 (2.1)		-3.6 (2.7)		7.0 (5.6)		c	c	6.1 (5.1)	-6.1 (4.3)		-2.2 (4.0)		1.0 (5.4)	-5.7 (7.1)		-11.9 (6.6)					
Iceland	-2.4 (4.4)		2.6 (3.0)		-4.6 (5.9)		c	c	3.5 (5.0)	-5.2 (5.8)		0.1 (3.9)		-0.3 (4.6)	<b>16.3</b> (5.0)		-4.3 (7.0)					
Ireland	-2.9 (7.4)		1.1 (1.9)		-5.6 (4.4)		<b>-20.5</b> (10.0)		-2.4 (2.3)	0.0 (2.3)		-1.6 (2.1)		3.3 (2.0)	-3.0 (3.6)		5.6 (5.6)					
Israel	-7.6 (6.8)		4.7 (2.8)		9.3 (5.3)		c	c	0.7 (4.4)	-2.8 (3.2)		-1.4 (3.8)		0.5 (4.2)	<b>-18.1</b> (6.5)		12.2 (9.4)					
Italy	1.5 (2.2)		-0.3 (1.4)		1.1 (2.8)		<b>20.4</b> (8.6)		-0.4 (2.8)	0.2 (2.0)		2.3 (1.8)		<b>-4.7</b> (2.0)	-1.0 (2.8)		-2.3 (2.7)					
Japan	8.0 (6.5)		4.3 (3.4)		-13.2 (7.9)		<b>46.9</b> (10.1)		3.2 (4.1)	-5.1 (3.4)		1.3 (3.5)		1.5 (4.5)	-4.0 (6.6)		<b>17.6</b> (8.0)					
Korea	-0.9 (4.1)		0.7 (2.3)		2.8 (7.9)		-12.8 (6.7)		-7.2 (5.2)	-0.8 (3.2)		5.5 (5.2)		-1.8 (4.2)	-9.0 (6.7)		0.1 (6.8)					
Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Mexico	3.1 (1.9)		1.8 (2.3)		-3.6 (3.3)		<b>17.1</b> (6.5)		-1.6 (1.7)	-0.4 (1.2)		0.4 (1.3)		1.5 (1.6)	-2.9 (2.4)		-1.2 (6.2)					
Netherlands	0.6 (2.4)		-3.6 (3.6)		12.1 (9.2)		c	c	<b>12.3</b> (4.1)	4.5 (4.3)		-2.6 (3.0)		<b>-9.5</b> (3.5)	-2.0 (5.1)		4.4 (11.5)					
New Zealand	-5.2 (3.1)		-1.7 (2.4)		<b>-13.7</b> (6.3)		-12.5 (11.6)		-1.3 (3.6)	-6.0 (3.4)		6.2 (3.3)		-0.6 (3.7)	9.2 (5.0)		-2.0 (5.4)					
Norway	3.4 (4.3)		-0.7 (3.6)		1.7 (4.7)		c	c	-2.5 (3.8)	5.0 (3.3)		3.9 (3.7)		-2.6 (3.3)	2.4 (5.7)		-5.4 (6.5)					
Poland	-2.5 (5.3)		1.5 (2.8)		0.9 (5.4)		-0.1 (18.1)		2.4 (3.3)	-0.3 (3.6)		-1.7 (2.9)		-0.2 (3.8)	15.2 (10.2)		<b>18.6</b> (7.1)					
Portugal	1.1 (4.4)		<b>-11.7</b> (3.9)		0.1 (5.5)		-1.0 (12.2)		-2.5 (2.7)	3.0 (2.9)		-2.9 (2.9)		1.5 (3.2)	14.9 (9.2)		-5.0 (8.7)					
Slovak Republic	-2.2 (2.0)		0.7 (2.5)		-9.0 (7.2)		-7.0 (21.0)		7.8 (4.1)	1.1 (4.1)		<b>-14.8</b> (4.4)		-5.3 (4.5)	-6.2 (6.0)		-4.7 (8.4)					
Slovenia	-0.6 (3.4)		2.4 (2.8)		3.7 (4.8)		c	c	<b>-8.4</b> (3.7)	<b>7.1</b> (3.3)		1.4 (3.1)		-3.2 (3.2)	7.0 (4.6)		-13.3 (12.9)					
Spain	<b>5.8</b> (2.3)		-1.5 (2.2)		2.5 (4.2)		4.0 (4.7)		-2.3 (1.7)	0.7 (1.9)		-0.7 (1.5)		1.3 (2.3)	1.4 (2.7)		1.9 (5.1)					
Sweden	1.3 (1.7)		-0.9 (2.4)		-5.9 (5.7)		c	c	-2.3 (3.4)	2.0 (3.6)		-2.7 (2.7)		-3.2 (3.6)	1.5 (4.8)		0.8 (4.1)					
Switzerland	-1.5 (3.8)		0.1 (3.2)		-7.0 (4.0)		<b>75.8</b> (11.3)		1.6 (2.4)	0.3 (2.7)		0.3 (2.6)		-3.4 (2.4)	<b>-15.1</b> (4.4)		-5.1 (4.1)					
Turkey	-46.5 (32.6)		-8.4 (8.0)		1.9 (6.5)		c	c	4.4 (3.9)	0.4 (3.6)		<b>-10.0</b> (3.4)		-2.2 (4.8)	-8.8 (32.1)		7.7 (8.3)					
United Kingdom	-0.4 (1.6)		0.0 (2.4)		-8.9 (7.5)		-1.6 (10.0)		4.2 (3.7)	-0.1 (3.0)		<b>-5.9</b> (2.4)		-1.0 (2.5)	-5.3 (4.7)		<b>13.3</b> (6.1)					
United States	-3.6 (2.5)		-3.9 (2.8)		-10.5 (5.9)		<b>28.8</b> (9.5)		0.6 (4.2)	3.7 (3.5)		0.0 (3.7)		<b>-9.0</b> (3.9)	2.6 (4.6)		6.8 (9.2)					
OECD average	<b>-4.2</b> (1.4)		-0.5 (0.6)		-0.1 (1.0)		1.3 (2.7)		0.6 (0.6)	0.1 (0.6)		<b>-1.4</b> (0.5)		-1.0 (0.6)	-0.5 (1.5)		-0.3 (1.2)					
<b>Partners</b>																						
Albania	4.9 (4.9)		-0.4 (2.4)		4.3 (5.1)		3.2 (10.8)		-1.0 (4.2)	2.7 (2.9)		-4.3 (2.7)		1.0 (4.6)	8.9 (12.7)		-9.8 (14.5)					
Argentina	c	c	-1.9 (3.6)		5.3 (6.4)		-5.6 (9.0)		2.9 (2.9)	-0.6 (2.0)		-1.4 (2.2)		3.0 (2.8)	3.6 (4.2)		-4.1 (4.5)					
Brazil	0.4 (3.9)		-0.2 (1.9)		0.3 (3.2)		-17.3 (12.0)		<b>-5.2</b> (2.1)	3.5 (1.9)		0.5 (2.2)		<b>5.3</b> (2.1)	3.9 (5.6)		-7.1 (5.9)					
Bulgaria	<b>5.5</b> (2.0)		-4.2 (6.7)		-6.5 (7.0)		26.6 (25.5)		-2.5 (4.3)	-1.1 (3.9)		-5.1 (3.2)		-1.3 (4.4)	-5.3 (10.8)		-6.1 (12.6)					
Colombia	-1.3 (2.4)		2.8 (2.0)		-3.6 (5.9)		<b>-24.8</b> (8.1)		<b>-7.3</b> (2.9)	<b>6.7</b> (2.0)		-1.3 (1.9)		-1.6 (2.3)	<b>-11.0</b> (4.5)		<b>20.8</b> (7.1)					
Costa Rica	-4.1 (6.2)		<b>9.9</b> (3.8)		2.4 (4.8)		16.0 (17.0)		4.7 (3.5)	<b>-6.2</b> (2.6)		4.3 (3.0)		-3.3 (3.6)	-1.7 (3.8)		2.3 (7.9)					
Croatia	-7.2 (9.1)		<b>-10.5</b> (4.9)		-3.2 (4.6)		14.8 (28.8)		-0.7 (3.9)	3.1 (3.2)		-4.2 (2.7)		-1.3 (3.5)	<b>9.5</b> (4.5)		-7.8 (6.7)					
Cyprus*	<b>-13.8</b> (4.7)		<b>20.2</b> (6.3)		2.9 (4.9)		-5.9 (12.6)		5.6 (4.5)	-1.4 (3.2)		<b>8.1</b> (4.1)		<b>-11.0</b> (4.8)	-10.8 (12.8)		9.5 (8.8)					
Hong Kong-China	-1.9 (4.6)		-0.8 (3.6)		23.2 (27.9)		41.4 (23.1)		-9.3 (5.7)	3.8 (5.1)		-0.2 (6.1)		0.4 (5.5)	3.1 (12.7)		2.6 (10.7)					
Indonesia	<b>4.9</b> (2.4)		-3.1 (2.7)		-9.3 (25.3)		<b>-17.6</b> (8.1)		2.3 (6.4)	-0.7 (4.5)		3.0 (5.3)		-1.3 (6.2)	-6.7 (6.9)		1.6 (10.6)					
Jordan	1.4 (6.3)		0.0 (5.1)		-2.0 (5.0)		-12.1 (8.5)		<b>-8.1</b> (3.6)	<b>-6.0</b> (2.4)		2.6 (3.0)		3.4 (2.7)	-16.9 (15.0)		-7.8 (8.7)					
Kazakhstan	-0.1 (4.9)		-3.6 (5.0)		-6.9 (6.5)		18.5 (15.9)		<b>10.8</b> (4.9)	2.8 (3.3)		-0.2 (2.6)		<b>-10.8</b> (5.0)	3.4 (8.3)		4.1 (5.4)					
Latvia	-0.1 (2.0)		<b>6.2</b> (2.8)		<b>-24.4</b> (6.3)		<b>40.5</b> (14.3)		5.5 (3.3)	2.1 (3.5)		0.0 (2.6)		<b>-7.2</b> (3.2)	-4.0 (20.2)		5.4 (9.4)					
Lithuania	1.0 (1.7)		<b>-5.4</b> (2.3)		<b>-13.2</b> (5.2)		<b>85.4</b> (8.3)		-2.9 (3.6)	-1.2 (2.6)		-4.6 (2.9)		3.5 (3.6)	-7.3 (6.1)		-1.7 (5.5)					
Macao-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Malaysia	2.4 (10.6)		-4.5 (3.7)		-4.1 (5.0)		-12.6 (33.7)		-5.1 (3.3)	<b>-6.1</b> (2.9)		0.5 (3.2)		4.6 (2.7)	-4.1 (13.4)		10.0 (7.3)					
Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Peru	2.1 (2.8)		2.0 (2.1)		4.1 (4.7)		-2.5 (9.0)		-3.2 (2.5)	5.0 (2.8)		-1.4 (2.5)		-2.2 (3.0)	7.9 (4.8)		1.0 (6.4)					
Qatar	13.4 (9.1)		2.5 (6.1)		8.1 (6.8)		<b>-38.6</b> (17.0)		-9.5 (5.2)	5.9 (4.3)		2.5 (3.8)		-1.7 (4.7)	15.4 (8.8)		-6.8 (15.3)					
Romania	8.1 (6.6)		-0.8 (3.3)		-8.6 (4.8)		-19.9 (18.9)		0.4 (3.1)	1.8 (3.2)		-4.6 (2.7)		1.9 (3.0)	-5.4 (4.8)		<b>-11.0</b> (4.8)					
Russian Federation	0.8 (3.1)		-5.2 (2.9)		-0.7 (7.2)		13.4 (23.3)		-1.9 (4.9)	1.2 (3.8)		-3.7 (3.6)		5.2 (4.9)	-9.9 (5.8)		-15.1 (8.7)					



[Part 4/5]

**Relationship among mathematics performance, the school's learning environment, resources, policies and practices, and student and school characteristics**

Table IV.1.12c

	Assessment and accountability policies <sup>1</sup>						Learning environment and school climate at the school level <sup>1</sup>																						
	Index of assessment practices		Schools that post achievement data publicly		Schools in which an administrative authority tracks data over time		Schools that seek written feedback from students (e.g. regarding lessons, teachers or resources)		Schools that have teacher mentoring		School average index of teacher-student relations (higher values indicate better climate)		School average index of disciplinary climate (higher values indicate better climate)		Index of teacher-related factors affecting school climate (higher values indicate positive teacher behaviour)		Index of student-related factors affecting school climate (higher values indicate positive student behaviour)		Index of teacher morale (higher values indicate better teacher morale)		Percentage of students who did not arrive late for school in the two weeks prior to the PISA test (10% increase)		Percentage of students who did not skip a whole school day in the two weeks prior to the PISA test (10% increase)						
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.					
<b>OECD</b>	-1.0 (1.2)		2.8 (3.1)		5.3 (4.4)		-2.4 (3.2)		-5.0 (4.9)		8.8 (7.5)		<b>26.9</b> (5.9)		-0.5 (2.1)		2.8 (2.4)		-3.2 (1.8)		1.9 (1.0)		<b>3.6</b> (1.0)						
Australia	-1.9 (2.1)		4.5 (9.7)		3.4 (5.8)		8.0 (6.6)		3.9 (7.3)		<b>36.2</b> (9.0)		<b>36.0</b> (9.0)		-2.4 (3.4)		3.7 (2.8)		-9.7 (3.6)		1.6 (2.0)		0.4 (3.5)		4.6 (2.7)		<b>9.5</b> (3.1)		
Belgium	-1.1 (1.5)		11.0 (15.6)		3.1 (3.5)		5.9 (3.8)		6.4 (5.5)		-6.6 (10.9)		<b>28.2</b> (7.5)		2.9 (2.7)		2.1 (2.2)		-2.7 (2.4)		<b>4.6</b> (1.0)		<b>4.8</b> (1.2)		<b>4.8</b> (1.2)		<b>4.8</b> (1.2)		
Canada	-2.5 (1.6)		<b>5.9</b> (2.7)		-0.8 (4.6)		3.7 (2.9)		<b>-8.3</b> (4.2)		-10.6 (6.7)		<b>23.2</b> (6.7)		-3.2 (2.0)		<b>8.9</b> (2.0)		<b>3.7</b> (1.7)		<b>4.3</b> (1.0)		<b>4.8</b> (1.2)		<b>4.8</b> (1.2)		<b>4.8</b> (1.2)		
Chile	1.9 (1.4)		-3.0 (2.8)		-0.6 (3.7)		<b>-7.3</b> (3.1)		5.1 (3.8)		-1.7 (6.9)		<b>13.2</b> (5.4)		<b>5.3</b> (2.3)		-1.3 (1.8)		1.1 (1.8)		<b>4.8</b> (1.1)		<b>4.8</b> (1.2)		<b>4.8</b> (1.2)		<b>4.8</b> (1.2)		
Czech Republic	1.2 (1.7)		0.8 (4.7)		0.8 (5.2)		-3.6 (5.4)		0.9 (10.3)		-5.6 (11.3)		<b>29.3</b> (6.7)		-3.9 (4.2)		4.6 (3.7)		-5.4 (3.2)		2.1 (1.7)		<b>7.5</b> (3.4)		<b>7.5</b> (3.4)		<b>7.5</b> (3.4)		
Denmark	<b>3.7</b> (1.4)		-2.7 (3.2)		-2.1 (4.1)		-3.0 (3.3)		-2.0 (3.3)		5.6 (8.3)		<b>24.3</b> (7.2)		0.4 (2.7)		0.8 (2.7)		-2.1 (2.1)		0.7 (1.0)		<b>3.9</b> (2.2)		<b>3.9</b> (2.2)		<b>3.9</b> (2.2)		
Estonia	-0.3 (1.5)		-0.1 (3.6)		-3.0 (5.1)		-0.1 (4.1)		<b>8.8</b> (4.2)		-1.0 (8.9)		<b>16.7</b> (5.8)		3.8 (2.4)		0.0 (2.3)		2.6 (2.1)		<b>2.8</b> (1.1)		<b>6.1</b> (2.0)		<b>6.1</b> (2.0)		<b>6.1</b> (2.0)		
Finland	0.2 (1.1)		11.9 (13.4)		-3.6 (2.7)		0.4 (2.8)		1.1 (3.0)		3.1 (6.9)		-1.5 (6.9)		-2.4 (1.8)		<b>6.2</b> (2.6)		-0.4 (1.8)		<b>4.3</b> (1.2)		0.6 (2.0)		<b>4.3</b> (1.2)		0.6 (2.0)		
France	<b>3.5</b> (1.7)		8.0 (4.2)		-4.6 (4.6)		2.6 (6.4)		-6.2 (4.9)		-7.5 (9.9)		<b>19.9</b> (7.1)		-6.0 (3.4)		<b>6.2</b> (3.0)		1.6 (2.2)		<b>6.0</b> (1.4)		2.2 (2.7)		<b>6.0</b> (1.4)		2.2 (2.7)		
Germany	-0.9 (1.9)		-0.8 (7.5)		6.1 (4.6)		1.4 (4.8)		<b>-33.2</b> (9.1)		<b>13.9</b> (6.7)		<b>13.9</b> (6.7)		0.7 (3.4)		4.1 (3.9)		<b>-5.5</b> (2.7)		1.4 (1.8)		-0.1 (4.5)		1.4 (1.8)		-0.1 (4.5)		
Greece	2.7 (1.5)		-6.4 (5.0)		2.2 (3.7)		-7.9 (5.6)		-8.7 (5.8)		0.9 (9.3)		<b>20.8</b> (10.3)		0.0 (2.4)		-0.4 (3.1)		-1.5 (2.1)		-1.4 (2.1)		<b>5.3</b> (2.0)		<b>5.3</b> (2.0)		<b>5.3</b> (2.0)		
Hungary	2.8 (2.9)		2.7 (4.7)		-5.1 (5.2)		10.4 (5.8)		-3.7 (5.7)		-10.6 (9.6)		<b>29.7</b> (8.4)		-0.6 (3.7)		-1.9 (3.3)		-3.7 (3.0)		<b>6.1</b> (1.7)		-1.3 (2.8)		<b>6.1</b> (1.7)		-1.3 (2.8)		
Iceland	5.0 (3.5)		1.4 (5.9)		-4.7 (7.8)		4.4 (4.7)		1.3 (6.5)		6.7 (9.9)		<b>25.8</b> (11.1)		-6.2 (4.7)		0.5 (5.1)		1.7 (3.0)		<b>5.6</b> (2.1)		2.0 (9.5)		<b>5.6</b> (2.1)		2.0 (9.5)		
Ireland	<b>-3.7</b> (1.7)		7.9 (4.7)		0.7 (3.3)		3.0 (3.4)		2.5 (3.2)		-2.8 (8.4)		<b>16.0</b> (6.8)		-3.1 (2.2)		<b>5.9</b> (2.5)		-2.8 (2.3)		0.4 (1.4)		0.8 (4.6)		0.4 (1.4)		0.8 (4.6)		
Israel	0.5 (4.5)		8.2 (6.4)		-15.3 (11.9)		1.5 (5.6)		-6.2 (9.6)		-30.0 (11.4)		<b>48.3</b> (12.0)		-2.3 (5.1)		-0.8 (4.2)		3.1 (3.2)		-0.1 (2.2)		<b>7.6</b> (2.9)		-0.1 (2.2)		<b>7.6</b> (2.9)		
Italy	<b>2.7</b> (1.3)		0.8 (2.7)		-1.2 (2.9)		3.5 (2.5)		-2.9 (2.9)		<b>-31.0</b> (5.8)		<b>24.6</b> (5.1)		-2.5 (1.9)		<b>6.6</b> (1.9)		-0.8 (1.6)		<b>9.7</b> (1.0)		<b>8.9</b> (0.9)		<b>9.7</b> (1.0)		<b>8.9</b> (0.9)		
Japan	2.5 (2.3)		4.2 (9.0)		5.6 (10.4)		-7.3 (6.2)		-11.9 (8.0)		24.0 (12.4)		<b>28.5</b> (12.5)		-4.1 (3.8)		-0.9 (3.6)		2.3 (3.2)		5.2 (3.9)		<b>21.8</b> (8.1)		5.2 (3.9)		<b>21.8</b> (8.1)		
Korea	5.6 (3.2)		7.7 (5.8)		<b>-18.5</b> (9.4)		-11.3 (7.9)		9.2 (8.8)		<b>29.4</b> (13.8)		<b>35.7</b> (12.3)		-2.8 (2.8)		3.3 (3.4)		0.4 (3.0)		<b>4.9</b> (1.9)		<b>25.4</b> (9.3)		<b>4.9</b> (1.9)		<b>25.4</b> (9.3)		
Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Mexico	0.2 (1.3)		<b>-4.5</b> (2.2)		3.6 (4.4)		3.9 (2.7)		0.4 (2.1)		-6.6 (4.8)		<b>23.5</b> (4.0)		0.1 (1.7)		1.2 (1.5)		0.2 (1.2)		1.4 (0.7)		<b>5.7</b> (0.9)		1.4 (0.7)		<b>5.7</b> (0.9)		
Netherlands	-2.5 (3.0)		1.7 (8.3)		-10.3 (5.7)		-9.1 (10.3)		15.7 (17.7)		17.4 (15.5)		16.9 (12.1)		-7.7 (5.7)		2.9 (4.6)		-1.5 (3.2)		<b>7.2</b> (1.9)		<b>14.1</b> (6.6)		<b>7.2</b> (1.9)		<b>14.1</b> (6.6)		
New Zealand	-9.1 (5.5)		5.6 (5.3)		11.3 (6.0)		<b>-30.1</b> (13.4)		-5.9 (13.9)		<b>-19.6</b> (9.4)		<b>30.7</b> (7.7)		-3.4 (2.9)		1.8 (2.7)		<b>6.3</b> (2.0)		3.0 (1.7)		<b>10.9</b> (2.3)		3.0 (1.7)		<b>10.9</b> (2.3)		
Norway	<b>-3.0</b> (1.4)		6.9 (3.9)		-6.2 (6.0)		5.5 (4.0)		1.9 (4.3)		7.4 (10.4)		<b>47.0</b> (8.8)		<b>10.6</b> (3.8)		-2.4 (3.5)		-1.5 (2.8)		1.0 (1.5)		7.6 (3.9)		1.0 (1.5)		7.6 (3.9)		
Poland	-3.6 (3.3)		1.7 (4.3)		3.4 (4.3)		1.7 (4.9)		-7.6 (7.7)		-4.8 (9.4)		<b>20.6</b> (7.1)		2.4 (4.0)		-0.1 (3.5)		-0.3 (2.8)		<b>2.8</b> (1.4)		<b>5.5</b> (2.2)		<b>2.8</b> (1.4)		<b>5.5</b> (2.2)		
Portugal	-0.7 (3.0)		4.9 (3.5)		-9.9 (6.6)		3.1 (4.4)		5.9 (4.5)		-0.6 (9.6)		<b>27.6</b> (10.7)		0.1 (2.7)		1.4 (1.9)		0.1 (2.2)		-0.3 (1.3)		3.7 (2.5)		-0.3 (1.3)		3.7 (2.5)		
Slovak Republic	-3.7 (2.0)		-3.8 (5.4)		0.9 (4.8)		-5.1 (5.2)		<b>-25.4</b> (7.8)		-0.8 (12.6)		<b>46.0</b> (9.6)		3.4 (4.5)		-5.3 (4.5)		2.5 (3.4)		<b>6.5</b> (2.1)		3.9 (3.1)		<b>6.5</b> (2.1)		3.9 (3.1)		
Slovenia	-2.5 (1.8)		0.2 (4.2)		-3.8 (4.8)		-4.9 (4.3)		-3.4 (4.0)		-1.1 (10.2)		<b>21.8</b> (6.5)		2.3 (2.7)		0.6 (3.5)		-1.0 (2.4)		0.7 (1.7)		<b>11.8</b> (1.8)		0.7 (1.7)		<b>11.8</b> (1.8)		
Spain	-0.5 (1.6)		-5.4 (3.3)		4.2 (3.5)		3.9 (3.1)		-4.4 (3.3)		5.6 (6.4)		8.6 (5.0)		-2.7 (2.1)		<b>4.3</b> (2.0)		-0.5 (1.6)		0.8 (1.0)		<b>6.3</b> (1.1)		0.8 (1.0)		<b>6.3</b> (1.1)		
Sweden	0.0 (2.5)		2.3 (5.2)	w	w	w	-0.7 (5.0)		-0.8 (4.0)		10.0 (8.5)		18.3 (9.8)		-4.0 (2.8)		2.5 (3.0)		0.9 (2.8)		<b>4.9</b> (1.5)		3.5 (3.5)		<b>4.9</b> (1.5)		3.5 (3.5)		
Switzerland	1.4 (1.4)		2.4 (9.3)		-0.1 (3.9)		-1.4 (4.7)		3.5 (4.0)		<b>18.0</b> (7.6)		<b>29.5</b> (8.9)		2.1 (3.0)		1.1 (3.1)		-2.5 (2.5)		-1.2 (1.7)		<b>7.7</b> (3.7)		-1.2 (1.7)		<b>7.7</b> (3.7)		
Turkey	2.8 (2.9)		4.1 (5.2)		10.4 (15.2)		2.8 (7.2)		-10.8 (7.4)		<b>-44.9</b> (11.5)		<b>93.4</b> (12.5)		-6.2 (3.5)		4.4 (3.7)		<b>6.1</b> (2.9)		2.1 (2.5)		-3.7 (2.2)		2.1 (2.5)		-3.7 (2.2)		
United Kingdom	-2.4 (4.2)		2.5 (7.0)		-13.8 (8.0)		-0.5 (4.5)		-1.6 (6.2)		5.8 (9.1)		<b>35.6</b> (6.4)		3.7 (2.5)		-5.7 (3.1)		2.0 (2.5)		<b>6.2</b> (1.6)		<b>3.4</b> (2.1)		<b>6.2</b> (1.6)		<b>3.4</b> (2.1)		
United States	<b>-6.2</b> (2.9)		1.5 (10.0)		-6.3 (21.0)		-1.1 (4.4)		<b>58.4</b> (22.5)		<b>26.4</b> (10.9)		19.8 (12.3)		-1.0 (2.8)		3.2 (3.8)		0.5 (2.6)		<b>5.2</b> (1.6)		-2.2 (2.6)		<b>5.2</b> (1.6)		-2.2 (2.6)		
OECD average	-0.3 (0.4)		<b>2.6</b> (1.1)		-2.1 (1.3)		-0.9 (1.0)		0.4 (1.4)		-0.4 (1.7)		<b>27.2</b> (1.5)		-0.8 (0.6)		<b>1.8</b> (0.6)		-0.2 (0.4)		<b>3.3</b> (0.3)		<b>5.8</b> (0.7)		<b>3.3</b> (0.3)		<b>5.8</b> (0.7)		
<b>Partners</b>																													
Albania	-4.1 (2.8)		1.7 (6.5)		<b>-17.5</b> (5.7)		-11.0 (6.3)		-9.0 (8.9)		-9.6 (10.9)		-11.3 (11.8)		0.1 (2.8)		-1.9 (3.1)		1.4 (3.2)		0.9 (2.3)		-0.2 (2.9)		0.9 (2.3)		-0.2 (2.9)		
Argentina	0.1 (1.8)		3.5 (6.3)		-6.0 (4.4)		2.2 (4.0)		0.6 (3.7)		<b>-34.7</b> (10.1)		<b>19.7</b> (9.4)		0.3 (2.8)		1.6 (2.3)		4.4 (3.1)		<b>4.5</b> (1.3)		<b>4.4</b> (1.5)		<b>4.5</b> (1.3)		<b>4.4</b> (1.5)		
Brazil	0.6 (1.7)		-1.7 (3.3)		-1.3 (4.7)		-1.2 (3.0)		6.8 (4.8)		-5.3 (6.3)		<b>32.6</b> (6.0)		0.4 (1.9)		0.3 (1.7)		-0.1 (1.6)		<b>2.4</b> (0.9)		0.7 (1.1)		<b>2.4</b> (0.9)		0.7 (1.1)		
Bulgaria	0.7 (4.5)		<b>15.3</b> (5.2)		2.4 (8.0)		7.4 (7.3)		2.1 (5.1)		-9.9 (9.4)		<b>30.3</b> (11.4)		<b>-4.8</b> (2.3)		<b>6.0</b> (2.7)		5.1 (3.2)		<b>4.1</b> (1.8)		<b>5.2</b> (1.9)		<b>4.1</b> (1.8)		<b>5.2</b> (1.9)		
Colombia	3.3 (3.2)		1.5 (3.4)		-3.2 (4.5)		<b>12.9</b> (3.8)		-6.1 (4.2)		<b>-27.1</b> (8.8)		<b>16.9</b> (7.7)		-2.3 (2.0)		<b>6.0</b> (2.5)												

[Part 5/5]

## Relationship among mathematics performance, the school's learning environment, resources, policies and practices, and student and school characteristics

Table IV.1.12c

	Student socio-economic and demographic background <sup>1</sup>										School socio-economic and demographic background <sup>1</sup>									
	Student is a female		Student without an immigrant background		Student's language at home is the same as the language of assessment		PISA index of economic, social and cultural status of student (1 unit increase)		PISA index of economic, social and cultural status (squared)		School average PISA index of economic, social and cultural status (1 unit increase)		School size (per 100 students)		School size (per 100 students) (squared)		School in a small town or village (15 000 or fewer people)		School in city (100 000 or more people)	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
<b>OECD</b>																				
Australia	-13.3	(1.9)	-5.1	(1.9)	-9.4	(3.4)	<b>25.1</b>	(1.2)	0.7	(1.0)	<b>38.1</b>	(5.6)	0.7	(1.1)	0.0	(0.0)	9.2	(4.8)	2.6	(3.5)
Austria	-26.6	(2.7)	<b>13.9</b>	(3.6)	<b>30.0</b>	(4.4)	<b>9.0</b>	(1.7)	0.0	(1.3)	<b>29.1</b>	(9.0)	<b>8.3</b>	(1.4)	<b>-0.2</b>	(0.1)	<b>17.9</b>	(6.9)	5.7	(7.1)
Belgium	-15.6	(1.9)	<b>14.2</b>	(2.3)	2.6	(2.5)	<b>8.9</b>	(1.4)	<b>2.4</b>	(0.9)	<b>22.9</b>	(7.1)	-0.8	(2.3)	0.0	(0.1)	1.6	(4.1)	-1.1	(4.9)
Canada	-11.3	(1.7)	<b>8.0</b>	(2.2)	-14.2	(3.2)	<b>21.6</b>	(1.3)	<b>2.6</b>	(0.9)	<b>18.2</b>	(5.1)	1.7	(1.0)	0.0	(0.0)	4.0	(4.5)	-4.1	(3.8)
Chile	-27.1	(2.0)	2.5	(4.6)	9.6	(9.9)	<b>8.6</b>	(1.4)	0.1	(0.7)	<b>25.1</b>	(3.5)	<b>3.4</b>	(0.6)	<b>-0.1</b>	(0.0)	5.4	(4.7)	<b>-8.5</b>	(3.7)
Czech Republic	-22.4	(2.7)	0.6	(3.6)	<b>19.9</b>	(9.1)	<b>13.5</b>	(1.8)	-2.8	(1.7)	<b>89.1</b>	(8.6)	-0.3	(4.4)	0.2	(0.3)	12.9	(6.9)	4.9	(6.1)
Denmark	-14.6	(2.3)	<b>21.1</b>	(2.9)	8.2	(4.3)	<b>27.0</b>	(1.9)	<b>3.2</b>	(1.3)	<b>24.8</b>	(5.0)	1.5	(1.2)	0.0	(0.0)	6.9	(4.0)	8.0	(4.4)
Estonia	-5.5	(2.4)	2.4	(3.5)	<b>12.3</b>	(5.5)	<b>18.2</b>	(1.8)	3.1	(1.9)	<b>42.2</b>	(7.8)	-2.3	(2.4)	0.1	(0.1)	1.8	(4.8)	2.4	(5.0)
Finland	0.0	(2.4)	<b>16.0</b>	(4.3)	<b>34.1</b>	(4.9)	<b>26.0</b>	(1.6)	<b>4.4</b>	(1.4)	<b>22.8</b>	(6.9)	-1.0	(3.7)	0.3	(0.3)	<b>8.1</b>	(3.7)	4.1	(3.6)
France	-20.5	(2.3)	<b>14.4</b>	(2.4)	<b>13.2</b>	(4.6)	<b>19.9</b>	(1.9)	<b>4.3</b>	(1.4)	<b>11.9</b>	(5.1)	-1.7	(1.8)	0.1	(0.1)	c	c	<b>35.2</b>	(8.3)
Germany	-25.6	(1.9)	<b>10.6</b>	(3.0)	<b>11.7</b>	(4.7)	<b>8.8</b>	(1.5)	1.0	(1.2)	<b>66.5</b>	(6.7)	1.2	(2.1)	0.0	(0.1)	<b>-12.0</b>	(5.3)	-7.5	(5.6)
Greece	-20.8	(2.2)	-0.4	(2.8)	7.8	(7.1)	<b>17.4</b>	(1.5)	1.7	(1.1)	<b>14.2</b>	(6.6)	5.2	(3.8)	-0.3	(0.3)	7.6	(6.8)	4.4	(4.9)
Hungary	-27.5	(2.2)	1.9	(4.2)	-5.7	(10.9)	<b>5.1</b>	(1.4)	0.9	(1.1)	<b>61.2</b>	(7.7)	<b>3.1</b>	(1.3)	<b>-0.1</b>	(0.0)	-13.0	(6.8)	-6.6	(5.6)
Iceland	7.2	(4.1)	2.9	(4.6)	13.0	(15.5)	<b>18.9</b>	(3.4)	3.2	(2.0)	<b>40.0</b>	(10.4)	-6.8	(8.1)	0.6	(0.9)	-5.9	(6.2)	2.4	(6.5)
Ireland	-18.3	(2.7)	-4.4	(2.8)	-0.7	(6.0)	<b>25.1</b>	(1.7)	1.9	(1.5)	<b>33.5</b>	(6.4)	1.5	(1.9)	-0.1	(0.1)	2.6	(4.4)	3.6	(4.8)
Israel	-18.2	(3.0)	<b>-9.0</b>	(3.2)	7.0	(5.2)	<b>24.2</b>	(2.1)	<b>3.6</b>	(1.2)	<b>45.6</b>	(7.7)	2.6	(2.2)	-0.1	(0.1)	-7.5	(6.7)	-6.5	(5.8)
Italy	-25.8	(1.4)	<b>11.5</b>	(1.6)	<b>3.9</b>	(1.9)	<b>5.3</b>	(0.7)	-0.1	(0.5)	<b>36.0</b>	(4.1)	1.5	(1.1)	-0.1	(0.1)	-2.7	(4.0)	1.2	(3.0)
Japan	-16.3	(2.2)	2.5	(4.8)	<b>51.3</b>	(20.2)	<b>4.0</b>	(1.7)	1.0	(1.6)	<b>89.0</b>	(15.1)	3.0	(2.8)	-0.1	(0.1)	4.0	(17.2)	-0.1	(5.7)
Korea	-12.9	(3.4)	7.0	(11.6)	<b>90.3</b>	(46.9)	<b>15.0</b>	(2.0)	<b>4.1</b>	(1.7)	21.1	(12.8)	-1.6	(3.1)	0.1	(0.1)	-12.9	(14.2)	-16.1	(9.7)
Luxembourg	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Mexico	-17.4	(1.0)	<b>13.2</b>	(2.2)	<b>11.7</b>	(3.8)	<b>5.8</b>	(0.9)	<b>0.8</b>	(0.3)	<b>21.0</b>	(2.3)	<b>0.7</b>	(0.3)	0.0	(0.0)	2.2	(3.3)	2.7	(2.9)
Netherlands	-17.3	(1.8)	<b>12.2</b>	(3.2)	<b>12.5</b>	(5.2)	<b>6.4</b>	(1.7)	<b>2.2</b>	(1.0)	<b>50.0</b>	(12.4)	2.9	(2.1)	-0.1	(0.1)	15.3	(8.0)	-4.0	(6.4)
New Zealand	-16.5	(2.9)	<b>-8.2</b>	(2.9)	<b>22.6</b>	(5.9)	<b>35.1</b>	(2.3)	1.4	(2.3)	13.6	(7.4)	-1.2	(1.5)	0.1	(0.0)	-3.1	(4.9)	<b>-15.4</b>	(5.6)
Norway	-1.0	(2.9)	<b>19.4</b>	(3.8)	11.1	(6.2)	<b>24.9</b>	(2.2)	-1.0	(1.5)	<b>39.4</b>	(9.6)	5.2	(5.9)	-0.5	(0.7)	-7.5	(4.6)	-8.3	(6.2)
Poland	-4.5	(2.9)	1.8	(10.1)	10.8	(13.7)	<b>31.2</b>	(1.8)	<b>-4.7</b>	(1.7)	<b>28.3</b>	(11.2)	2.9	(4.3)	-0.2	(0.4)	3.2	(7.5)	10.0	(6.8)
Portugal	-13.4	(2.3)	7.7	(3.1)	-6.9	(8.5)	<b>23.4</b>	(1.5)	0.1	(1.0)	4.2	(5.2)	-0.6	(1.7)	0.0	(0.1)	1.1	(4.3)	-5.3	(5.1)
Slovak Republic	-26.0	(3.0)	<b>6.8</b>	(6.6)	<b>19.0</b>	(6.1)	<b>19.2</b>	(2.1)	-1.1	(1.3)	<b>47.4</b>	(9.5)	-1.7	(3.4)	<b>0.5</b>	(0.3)	-10.1	(7.6)	6.4	(7.0)
Slovenia	-25.9	(2.9)	<b>14.7</b>	(3.1)	7.6	(6.1)	0.3	(1.4)	0.8	(1.3)	<b>88.0</b>	(7.2)	1.0	(2.8)	0.2	(0.2)	10.1	(6.9)	-5.3	(5.1)
Spain	-15.7	(1.8)	<b>21.4</b>	(2.3)	<b>7.1</b>	(2.5)	<b>25.6</b>	(1.0)	0.2	(0.8)	5.0	(4.1)	-0.7	(0.8)	0.0	(0.0)	4.2	(3.6)	6.0	(3.4)
Sweden	1.8	(2.8)	<b>24.2</b>	(3.3)	<b>13.8</b>	(5.9)	<b>25.0</b>	(1.9)	<b>2.9</b>	(1.4)	<b>19.5</b>	(8.3)	1.0	(2.1)	0.2	(0.1)	<b>-12.4</b>	(5.2)	5.3	(5.7)
Switzerland	-18.0	(1.9)	<b>26.9</b>	(2.1)	<b>11.4</b>	(3.1)	<b>20.8</b>	(1.5)	-1.0	(1.2)	<b>50.5</b>	(6.7)	1.7	(1.2)	0.0	(0.0)	-4.9	(4.1)	4.3	(7.7)
Turkey	-22.2	(1.9)	3.4	(5.9)	1.6	(4.4)	2.7	(1.8)	-1.1	(0.7)	<b>17.6</b>	(8.1)	<b>3.5</b>	(1.7)	<b>-0.1</b>	(0.1)	7.0	(9.8)	-0.5	(5.5)
United Kingdom	-13.4	(2.6)	2.5	(3.4)	-1.3	(5.7)	<b>21.5</b>	(1.9)	<b>4.1</b>	(1.6)	<b>27.4</b>	(7.0)	0.6	(2.3)	0.0	(0.1)	-0.7	(4.6)	-5.9	(5.0)
United States	-8.1	(2.5)	<b>-10.7</b>	(3.9)	5.6	(4.9)	<b>23.8</b>	(1.7)	<b>5.6</b>	(1.1)	7.8	(6.6)	-1.1	(1.0)	0.0	(0.0)	-7.9	(7.6)	2.7	(5.1)
OECD average	-15.5	(0.4)	<b>7.4</b>	(0.8)	<b>12.5</b>	(1.9)	<b>17.2</b>	(0.3)	<b>1.3</b>	(0.2)	<b>34.9</b>	(1.4)	<b>1.0</b>	(0.5)	0.0	(0.0)	0.8	(1.2)	0.5	(1.0)
<b>Partners</b>																				
Albania	-1.2	(3.1)	2.5	(12.1)	9.4	(12.7)	c	c	c	c	c	c	c	c	c	c	-10.0	(6.5)	6.9	(7.1)
Argentina	-15.5	(2.3)	<b>8.5</b>	(3.0)	<b>6.5</b>	(8.5)	<b>10.7</b>	(1.3)	<b>1.8</b>	(0.7)	10.8	(5.8)	-1.2	(1.5)	0.0	(0.1)	-7.6	(6.2)	-0.2	(5.0)
Brazil	-20.0	(1.5)	<b>16.0</b>	(4.8)	6.8	(8.2)	<b>8.4</b>	(1.5)	0.3	(0.5)	<b>29.2</b>	(4.1)	<b>1.1</b>	(0.5)	0.0	(0.0)	<b>9.3</b>	(4.5)	<b>-10.7</b>	(3.3)
Bulgaria	-14.5	(2.1)	0.9	(6.0)	<b>9.2</b>	(4.4)	<b>10.8</b>	(1.3)	0.1	(0.7)	<b>38.1</b>	(7.3)	-1.0	(2.6)	0.1	(0.2)	-3.6	(6.3)	9.0	(6.5)
Colombia	-24.3	(2.1)	7.6	(5.8)	<b>24.7</b>	(12.1)	<b>13.2</b>	(2.4)	1.3	(0.7)	<b>18.8</b>	(5.1)	0.9	(0.5)	0.0	(0.0)	<b>15.5</b>	(6.9)	-1.7	(5.8)
Costa Rica	-23.0	(1.8)	3.3	(2.9)	-9.6	(10.8)	<b>11.9</b>	(1.5)	<b>1.4</b>	(0.6)	<b>17.5</b>	(4.6)	-1.3	(0.9)	0.0	(0.0)	0.3	(4.3)	-0.8	(6.4)
Croatia	-24.6	(2.5)	2.6	(2.4)	9.4	(8.5)	<b>9.4</b>	(1.6)	-1.5	(1.1)	<b>44.7</b>	(11.8)	0.2	(5.0)	0.1	(0.3)	-6.1	(6.0)	7.6	(5.3)
Cyprus*	-15.8	(2.6)	5.3	(3.1)	2.4	(6.0)	<b>19.7</b>	(1.9)	1.1	(1.3)	20.6	(12.4)	<b>-23.3</b>	(5.0)	<b>1.4</b>	(0.4)	8.5	(9.0)	13.6	(9.7)
Hong Kong-China	-22.1	(2.9)	<b>-6.8</b>	(3.2)	<b>24.5</b>	(5.5)	<b>6.4</b>	(2.3)	1.1	(1.1)	<b>25.6</b>	(8.2)	-7.2	(5.4)	0.3	(0.2)	c	c	c	c
Indonesia	-5.8	(1.8)	8.1	(8.8)	<b>-12.5</b>	(2.3)	<b>8.8</b>	(2.5)	0.7	(0.6)	<b>15.5</b>	(6.8)	<b>5.3</b>	(2.6)	-0.1	(0.1)	8.1	(7.9)	7.3	(9.5)
Jordan	-1.0	(7.5)	<b>-10.8</b>	(2.5)	8.2	(5.1)	<b>11.5</b>	(1.6)	0.5	(0.7)	<b>33.4</b>	(8.8)	-3.0	(1.9)	0.1	(0.1)	8.3	(6.8)	<b>10.9</b>	(5.0)
Kazakhstan	-2.0	(1.8)	-3.5	(2.2)	2.9	(4.6)	<b>14.8</b>	(2.1)	-0.2	(1.4)	<b>33.8</b>	(9.8)	<b>-3.7</b>	(1.2)	<b>0.1</b>	(0.0)	18.8	(14.7)	13.2	(9.1)
Latvia	-2.4	(2.9)	<b>6.2</b>	(3.0)	5.8	(5.6)	<b>21.0</b>	(1.7)	-1.8	(1.4)	<b>37.4</b>	(7.0)	-3.7	(3.4)	<b>0.3</b>	(0.2)	2.9	(7.9)	4.4	(8.4)
Lithuania	-9.7	(2.4)	3.8	(4.0)	<b>20.4</b>	(8.3)	<b>17.8</b>	(1.6)	-1.7	(1.5)	<b>44.6</b>	(7.2)	2.2	(2.9)	-0.1	(0.2)	-4.7	(6.2)	-6.8	(6.4)
Macao-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Malaysia	3.9	(2.1)	-3.2	(4.4)	-0.8	(3.6)	<b>19.6</b>	(2.2)	<b>2.8</b>	(0.8)	<b>14.3</b>	(5.9)	-0.6	(1.3)	0.0	(0.0)	2.7	(5.4)	0.6	(6.3)
Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Peru	-26.6	(2.0)	<b>20.2</b>	(6.5)	<b>16.2</b>	(5.2)	<b>10.4</b>	(1.7)	0.7	(0.5)	<b>31.6</b>	(5.6)	<b>3.1</b>	(1.1)	<b>-0.1</b>	(0.0)	0.2	(7.1)	0.5	(5.7)
Qatar	8.0	(8.9)	<b>-34.2</b>	(2.4)	<b>13.1</b>	(4.4)	<b>10.7</b>	(2.4)	0.0	(0.9)	<b>30.0</b>	(10.2)	<b>3.4</b>	(1.3)	<b>0.0</b>	(0.0)	<b>23.7</b>	(9.8)	17.1	(9.6)
Romania	-12.6	(2.4)	4.8	(7.2)	8.5	(9.5)	<b>18.2</b>	(1.9)	<b>2.3</b>	(0.9)	<b>27.4</b>	(7.4)	-0.5	(1.8)	0.0	(0.1)	-8.2	(7.1)	6.7	(6.0)
Russian Federation	-1.7	(2.6)	3.7	(2.5)	<b>14.7</b>	(5.2)	<b>24.8</b>	(2.3)	-2.7	(1.7)	15.6	(9.2)	1.8	(2.5)	-0.1	(0.1)	2.4	(15.7)	-2.9	(16.9)
Serbia	-24.3	(2.5)	<b>-6.8</b>	(2.6)	-7.8	(6.4)	<b>7.5</b>	(1.4)	-0.6	(1.2)	<b>57.1</b>	(11.1)	-1.1	(2.4)	0.1	(0.1)	-3.7	(9.4)	-2.3	(7.5)
Shanghai-China	-14.1	(2.4)	<b>23.3</b>	(9.7)	<b>60.9</b>	(9.9)	<b>5.0</b>	(1.9)	<b>-4.2</b>	(1.3)	<b>29.8</b>	(9.2)	-1.1	(0.7)	0.0	(0.0)	c	c	c	c




[Part 1/1]

Table IV.1.13 School autonomy and performance, by system's extent of posting achievement data publicly

	OECD countries (OLS regression estimates)				All countries and economies that participated in PISA 2012 (OLS regression estimates)			
	Gross model		Net model		Gross model		Net model	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
<b>School autonomy for resource allocation</b>	2.54	(1.99)	<b>-6.13</b>	(1.81)	<b>7.04</b>	(1.47)	<b>-4.37</b>	(0.98)
× Percentage of students in schools that post achievement data publicly (additional 10%)	<i>0.67</i>	(0.34)	<b>0.69</b>	(0.28)	0.01	(0.25)	<b>0.56</b>	(0.18)
<b>School autonomy for curriculum and assessment</b>	0.56	(1.65)	-0.16	(1.13)	-2.39	(1.27)	<b>-3.61</b>	(0.79)
× Percentage of students in schools that post achievement data publicly (additional 10%)	-0.13	(0.33)	-0.04	(0.22)	0.45	(0.30)	<b>0.73</b>	(0.18)
<b>Private school</b>			0.46	(1.74)			0.03	(1.31)
<b>PISA index of economic, social and cultural status of student (ESCS)</b>			<b>18.20</b>	(0.31)			<b>18.78</b>	(0.29)
<b>PISA index of economic, social and cultural status of student (ESCS squared)</b>			<b>3.12</b>	(0.22)			<b>4.25</b>	(0.16)
<b>Student is a female</b>			<b>-13.60</b>	(0.56)			<b>-11.05</b>	(0.40)
<b>Student's language at home is the same as the language of assessment</b>			<b>6.96</b>	(1.29)			<b>5.61</b>	(0.97)
<b>Student without an immigrant background</b>			<b>10.62</b>	(1.00)			0.84	(0.89)
<b>School average PISA index of economic, social and cultural status</b>			<b>65.19</b>	(1.05)			<b>60.06</b>	(0.88)
<b>School in a city (100 000 or more people)</b>			<b>-5.81</b>	(1.14)			<b>-4.16</b>	(0.84)
<b>School in a small town or village (15 000 or less people)</b>			<b>5.38</b>	(1.26)			<b>6.66</b>	(0.95)
<b>School size (100 students)</b>			<b>2.60</b>	(0.23)			<b>1.78</b>	(0.16)
<b>School size (100 students, squared)</b>			<b>-0.05</b>	(0.01)			<b>-0.02</b>	(0.00)
N	256 739		256 739		420 028		420 028	

Notes: Estimates significant at the 5% level ( $p < 0.05$ ) are in bold and those significant at the 10% level ( $p < 0.10$ ) are in italics. Both net and gross models include country fixed effects, estimate no intercept, are run with using BRR weights to account for the sampling design. Each country contribute to the analysis with equal weights.


StatLink  <http://dx.doi.org/10.1787/888932957384>

[Part 1/1]

Table IV.1.14 School autonomy and performance, by system's extent of implementing a standardised policy

	OECD countries (OLS regression estimates)				All countries and economies that participated in PISA 2012 (OLS regression estimates)			
	Gross model		Net model		Gross model		Net model	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
<b>School autonomy for resource allocation</b>	<b>13.88</b>	(2.69)	-0.25	(2.08)	<b>8.93</b>	(2.08)	<b>-4.21</b>	(1.55)
× Percentage of students in schools that implement a standardised policy for mathematics (additional 10%)	<i>-1.27</i>	(0.43)	-0.31	(0.30)	-0.28	(0.32)	0.40	(0.24)
<b>School autonomy for curriculum and assessment</b>	-2.86	(3.13)	<b>-4.61</b>	(1.99)	<b>-6.11</b>	(2.58)	<b>-6.82</b>	(1.67)
× Percentage of students in schools that implement a standardised policy for mathematics (additional 10%)	0.47	(0.49)	<b>0.69</b>	(0.30)	<b>0.86</b>	(0.40)	<b>0.96</b>	(0.27)
<b>Private school</b>			-0.14	(1.72)			-0.65	(1.33)
<b>PISA index of economic, social and cultural status of student (ESCS)</b>			<b>18.20</b>	(0.31)			<b>18.76</b>	(0.29)
<b>PISA index of economic, social and cultural status of student (ESCS squared)</b>			<b>3.13</b>	(0.22)			<b>4.25</b>	(0.16)
<b>Student is a female</b>			<b>-13.61</b>	(0.56)			<b>-11.05</b>	(0.40)
<b>Student's language at home is the same as the language of assessment</b>			<b>6.96</b>	(1.29)			<b>6.06</b>	(0.99)
<b>Student without an immigrant background</b>			<b>10.61</b>	(1.00)			0.84	(0.89)
<b>School average PISA index of economic, social and cultural status</b>			<b>65.24</b>	(1.05)			<b>60.10</b>	(0.88)
<b>School in a city (100 000 or more people)</b>			<b>-5.85</b>	(1.15)			<b>-4.26</b>	(0.84)
<b>School in a small town or village (15 000 or less people)</b>			<b>5.46</b>	(1.26)			<b>6.68</b>	(0.95)
<b>School size (100 students)</b>			<b>2.61</b>	(0.22)			<b>1.76</b>	(0.16)
<b>School size (100 students, squared)</b>			<b>-0.05</b>	(0.01)			<b>-0.02</b>	(0.00)
N	256 739		256 739		420 028		420 028	

Notes: Estimates significant at the 5% level ( $p < 0.05$ ) are in bold and those significant at the 10% level ( $p < 0.10$ ) are in italics. Both net and gross models include country fixed effects, estimate no intercept, are run with using BRR weights to account for the sampling design. Each country contribute to the analysis with equal weights.


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[Part 1/1]

Table IV.1.15 School autonomy and performance, by system's extent of teachers participating in school management

	OECD countries (OLS regression estimates)				All countries and economies that participated in PISA 2012 (OLS regression estimates)			
	Gross model		Net model		Gross model		Net model	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
<b>School autonomy for resource allocation</b>	<b>6.17</b>	(0.86)	<b>-2.06</b>	(0.78)	5.77	(0.74)	<b>-1.78</b>	(0.57)
× Index of school management: teacher participation (1 unit increase)	<b>20.60</b>	(2.43)	<b>4.36</b>	(1.86)	<b>14.76</b>	(2.04)	<b>4.32</b>	(1.14)
<b>School autonomy for curriculum and assessment</b>	-0.39	(0.84)	-0.42	(0.57)	-0.87	(0.83)	-0.64	(0.49)
× Index of school management: teacher participation (1 unit increase)	-5.05	(3.43)	-0.63	(2.44)	<b>8.46</b>	(2.60)	<b>6.69</b>	(1.51)
<b>Private school</b>			-0.22	(1.73)			-1.55	(1.36)
<b>PISA index of economic, social and cultural status of student (ESCS)</b>			<b>18.20</b>	(0.31)			<b>18.74</b>	(0.29)
<b>PISA index of economic, social and cultural status of student (ESCS squared)</b>			<b>3.13</b>	(0.22)			<b>4.23</b>	(0.16)
<b>Student is a female</b>			<b>-13.58</b>	(0.56)			<b>-11.01</b>	(0.40)
<b>Student's language at home is the same as the language of assessment</b>			<b>7.01</b>	(1.30)			<b>6.25</b>	(0.99)
<b>Student without an immigrant background</b>			<b>10.59</b>	(1.00)			0.79	(0.89)
<b>School average PISA index of economic, social and cultural status</b>			<b>65.03</b>	(1.05)			<b>59.62</b>	(0.88)
<b>School in a city (100 000 or more people)</b>			<b>-5.84</b>	(1.14)			<b>-4.15</b>	(0.83)
<b>School in a small town or village (15 000 or less people)</b>			<b>5.38</b>	(1.26)			<b>6.64</b>	(0.95)
<b>School size (100 students)</b>			<b>2.61</b>	(0.23)			<b>1.79</b>	(0.16)
<b>School size (100 students, squared)</b>			<b>-0.05</b>	(0.01)			<b>-0.02</b>	(0.00)
N	256 739		256 739		420 028		420 028	

Notes: Estimates significant at the 5% level ( $p < 0.05$ ) are in bold and those significant at the 10% level ( $p < 0.10$ ) are in italics. Both net and gross models include country fixed effects, estimate no intercept, are run with using BRR weights to account for the sampling design. Each country contribute to the analysis with equal weights.

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[Part 1/1]

## Mathematics performance and school choice


Table IV.1.16 Results based on school principals' reports

	Mathematics performance, by school principals' reports on the number of schools competing for students in the same area											
	Two or more other schools		One other school		No other schools		Performance difference (one or more - none)		Performance difference (one or more - none) after accounting for student ESCS		Performance difference (one or more - none) after accounting for student and school ESCS	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
<b>OECD</b>	506	(1.7)	474	(5.8)	509	(13.8)	-5	(14.2)	-11	(12.3)	-17	(10.4)
Australia	518	(5.5)	499	(8.9)	496	(6.3)	16	(8.7)	9	(7.3)	-1	(6.8)
Austria	517	(3.1)	512	(13.7)	492	(20.3)	24	(21.6)	22	(17.0)	19	(13.2)
Belgium	522	(2.4)	517	(5.4)	507	(4.0)	<b>14</b>	(4.8)	8	(4.3)	1	(4.1)
Canada	430	(3.9)	410	(6.8)	404	(10.9)	22	(11.5)	7	(9.0)	-3	(8.2)
Chile	510	(4.4)	481	(10.1)	459	(11.3)	<b>47</b>	(12.2)	<b>37</b>	(10.6)	<b>21</b>	(10.2)
Czech Republic	504	(2.8)	493	(4.8)	492	(8.9)	9	(9.6)	7	(6.8)	7	(6.1)
Denmark	526	(2.8)	512	(5.1)	512	(3.9)	<b>11</b>	(4.6)	7	(4.4)	4	(4.6)
Estonia	523	(3.0)	513	(3.6)	518	(3.3)	1	(4.2)	-3	(3.6)	<b>-8</b>	(3.0)
Finland	511	(6.4)	497	(11.5)	477	(6.6)	<b>29</b>	(10.1)	<b>16</b>	(8.2)	-3	(7.2)
France	529	(4.8)	503	(9.0)	474	(13.6)	<b>48</b>	(14.9)	<b>40</b>	(12.4)	13	(8.0)
Germany	467	(3.9)	466	(7.5)	425	(5.3)	<b>41</b>	(6.4)	<b>25</b>	(5.3)	5	(4.9)
Greece	486	(6.7)	466	(9.9)	468	(9.8)	12	(12.3)	9	(8.9)	6	(7.8)
Hungary	492	(2.6)	507	(4.1)	489	(2.2)	<b>8</b>	(2.9)	1	(3.1)	-5	(3.1)
Iceland	501	(3.0)	510	(7.8)	506	(4.7)	-4	(5.5)	-4	(4.2)	-6	(4.3)
Ireland	476	(6.1)	452	(11.4)	448	(11.4)	22	(13.2)	<b>21</b>	(9.5)	<b>22</b>	(7.0)
Israel	507	(4.5)	495	(6.0)	466	(3.6)	<b>36</b>	(5.4)	<b>29</b>	(4.5)	<b>15</b>	(3.4)
Italy	540	(4.3)	517	(19.2)	514	(17.3)	24	(18.8)	13	(14.7)	-13	(8.0)
Japan	560	(4.7)	533	(12.6)	547	(19.2)	7	(18.5)	2	(14.2)	-10	(9.9)
Korea	486	(1.1)	543	(3.2)	474	(2.0)	<b>21</b>	(2.2)	<b>9</b>	(2.5)	<b>-8</b>	(2.3)
Luxembourg	420	(1.7)	400	(2.9)	395	(4.5)	<b>21</b>	(5.1)	<b>9</b>	(4.2)	-1	(3.7)
Mexico	523	(6.0)	493	(14.4)	533	(20.2)	-15	(21.8)	-15	(19.3)	-16	(14.5)
Netherlands	499	(3.4)	535	(17.5)	496	(13.7)	5	(14.2)	-5	(9.9)	-12	(9.0)
New Zealand	503	(6.9)	488	(6.2)	487	(3.8)	9	(6.5)	5	(5.4)	1	(4.6)
Norway	524	(5.0)	518	(10.5)	504	(4.9)	<b>18</b>	(6.9)	6	(6.1)	-3	(6.6)
Poland	499	(5.1)	478	(8.5)	466	(8.5)	<b>27</b>	(9.3)	13	(7.2)	3	(7.4)
Portugal	493	(4.2)	446	(15.3)	448	(11.2)	<b>39</b>	(12.2)	13	(9.6)	-12	(9.6)
Slovak Republic	519	(1.8)	477	(3.3)	478	(2.2)	<b>33</b>	(2.8)	<b>25</b>	(2.8)	<b>8</b>	(3.3)
Slovenia	492	(2.3)	465	(4.8)	472	(4.3)	<b>15</b>	(5.0)	3	(4.2)	-5	(4.4)
Spain	484	(3.4)	467	(6.8)	473	(4.3)	7	(4.8)	3	(4.1)	-2	(4.1)
Sweden	530	(7.3)	552	(8.5)	528	(5.4)	11	(8.7)	4	(7.3)	-7	(6.0)
Switzerland	460	(6.1)	410	(8.6)	425	(9.4)	<b>29</b>	(10.6)	16	(9.7)	-9	(9.2)
Turkey	495	(4.1)	493	(8.0)	502	(9.5)	-7	(10.1)	-7	(7.4)	-7	(7.1)
United Kingdom	484	(4.6)	462	(18.7)	482	(6.2)	0	(7.8)	-2	(6.8)	-4	(6.6)
United States	501	(0.8)	488	(1.7)	481	(1.7)	<b>17</b>	(1.9)	<b>9</b>	(1.5)	-1	(1.3)
<b>OECD average</b>												
<b>Partners</b>												
Albania	399	(2.7)	393	(4.8)	387	(3.6)	<b>10</b>	(4.1)	c	c	c	c
Argentina	397	(3.8)	367	(10.7)	353	(7.3)	<b>40</b>	(8.2)	<b>21</b>	(7.9)	-6	(8.3)
Brazil	404	(3.6)	381	(4.6)	375	(2.7)	<b>22</b>	(4.0)	<b>8</b>	(3.3)	<b>-10</b>	(3.6)
Bulgaria	446	(5.3)	413	(9.0)	417	(17.7)	24	(19.3)	8	(13.6)	-6	(10.8)
Colombia	379	(4.0)	368	(11.2)	373	(8.1)	4	(9.2)	-4	(6.7)	-11	(6.2)
Costa Rica	412	(4.1)	397	(9.6)	398	(5.8)	11	(7.4)	5	(5.4)	-1	(4.5)
Croatia	477	(5.2)	485	(12.3)	445	(6.3)	<b>33</b>	(8.2)	<b>25</b>	(7.3)	11	(7.4)
Cyprus*	460	(1.8)	434	(3.1)	423	(1.9)	<b>29</b>	(2.6)	<b>15</b>	(2.6)	<b>-7</b>	(2.8)
Hong Kong-China	559	(3.4)	588	(29.3)	c	c	c	c	c	c	c	c
Indonesia	379	(4.5)	360	(6.4)	335	(26.2)	41	(26.5)	28	(28.9)	13	(31.9)
Jordan	397	(4.0)	365	(5.7)	380	(9.4)	8	(10.7)	3	(9.6)	-3	(8.4)
Kazakhstan	438	(4.6)	424	(9.1)	427	(5.8)	7	(7.8)	-2	(7.1)	<b>-18</b>	(6.9)
Latvia	491	(2.9)	491	(8.0)	484	(11.0)	8	(11.3)	-8	(7.3)	<b>-21</b>	(6.4)
Liechtenstein	c	c	c	c	562	(6.1)	<b>-68</b>	(9.2)	<b>-67</b>	(9.8)	<b>-55</b>	(9.9)
Lithuania	491	(4.1)	464	(6.1)	467	(5.2)	<b>16</b>	(6.1)	6	(4.8)	-7	(4.8)
Macao-China	534	(1.0)	549	(3.5)	c	c	c	c	c	c	c	c
Malaysia	426	(4.4)	413	(8.4)	410	(8.0)	12	(9.3)	5	(7.6)	-4	(7.2)
Montenegro	399	(2.4)	438	(2.7)	403	(1.3)	<b>14</b>	(2.4)	<b>11</b>	(2.4)	2	(2.4)
Peru	382	(4.3)	366	(10.4)	320	(7.1)	<b>59</b>	(8.1)	<b>30</b>	(6.2)	3	(6.3)
Qatar	392	(1.0)	342	(2.1)	359	(1.3)	<b>21</b>	(1.6)	<b>19</b>	(1.7)	<b>11</b>	(1.6)
Romania	449	(5.6)	434	(10.5)	443	(6.9)	2	(9.3)	-5	(6.3)	<b>-12</b>	(5.5)
Russian Federation	491	(3.8)	474	(5.9)	468	(7.8)	<b>19</b>	(7.7)	6	(6.8)	-5	(6.7)
Serbia	450	(5.1)	440	(12.9)	447	(10.4)	1	(12.3)	2	(10.8)	6	(9.6)
Shanghai-China	619	(4.5)	608	(10.4)	587	(14.9)	31	(16.4)	21	(13.5)	7	(12.9)
Singapore	569	(1.4)	646	(4.3)	c	c	c	c	c	c	c	c
Singapore Chinese Taipei	566	(3.8)	523	(9.8)	549	(46.1)	11	(46.8)	-4	(35.5)	-25	(18.3)
Thailand	425	(3.5)	440	(13.2)	421	(14.5)	7	(15.2)	0	(13.4)	-5	(12.4)
Tunisia	394	(6.7)	388	(7.2)	381	(7.9)	10	(9.7)	6	(8.2)	2	(7.6)
United Arab Emirates	437	(3.0)	427	(7.1)	424	(10.1)	12	(10.4)	3	(7.7)	-9	(4.9)
Uruguay	428	(5.7)	402	(9.3)	394	(5.2)	<b>27</b>	(7.9)	<b>12</b>	(5.8)	0	(5.1)
Viet Nam	515	(6.4)	532	(8.9)	475	(11.1)	<b>47</b>	(13.3)	<b>34</b>	(11.1)	<b>21</b>	(9.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status of students.

\* See notes at the beginning of this Annex.

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[Part 1/1]

**Mathematics performance and use of achievement data for accountability purposes**Table IV.1.17 *Results based on school principals' reports*

		Mathematics performance, by whether the school principal reported that achievement data of students in the national modal grade for 15-year-olds are used in the following ways:													
		Posted publicly							Tracked over time by an administrative authority						
		No		Yes		Performance difference (yes - no) after accounting for student ESCS	Performance difference (yes - no) after accounting for student ESCS and school average ESCS	No		Yes		Performance difference (yes - no) after accounting for student ESCS	Performance difference (yes - no) after accounting for student ESCS and school average ESCS		
		Mean score	S.E.	Mean score	S.E.			Score dif.	S.E.	Mean score	S.E.			Mean score	S.E.
OECD	Australia	492 (3.0)	510 (2.4)	<b>17</b> (4.2)	<b>10</b> (3.2)	2 (2.9)	494 (7.3)	505 (1.6)	12 (7.3)	9 (5.4)	6 (4.8)				
	Austria	505 (3.1)	528 (24.0)	24 (25.3)	22 (21.4)	20 (21.2)	498 (6.9)	511 (5.1)	13 (10.6)	10 (8.4)	5 (7.1)				
	Belgium	515 (2.3)	522 (30.5)	7 (31.3)	5 (24.9)	0 (20.4)	502 (4.6)	529 (4.3)	<b>27</b> (7.8)	<b>22</b> (5.8)	<b>14</b> (4.7)				
	Canada	517 (2.5)	519 (2.7)	2 (3.8)	2 (3.4)	2 (3.4)	529 (5.3)	517 (2.0)	<b>-12</b> (5.8)	-9 (4.8)	-6 (5.0)				
	Chile	418 (5.8)	425 (4.0)	7 (7.7)	4 (5.5)	2 (5.0)	403 (9.5)	426 (3.4)	<b>23</b> (10.6)	9 (7.7)	0 (7.4)				
	Czech Republic	487 (4.8)	513 (5.4)	<b>27</b> (7.5)	<b>17</b> (6.1)	-2 (5.5)	496 (5.3)	502 (4.5)	6 (7.0)	4 (6.0)	-1 (6.1)				
	Denmark	503 (3.1)	498 (5.1)	-5 (6.3)	-3 (4.3)	-1 (3.7)	506 (4.7)	498 (3.0)	-8 (5.4)	-4 (4.0)	-1 (3.8)				
	Estonia	520 (2.8)	522 (3.6)	3 (4.9)	-1 (4.4)	-4 (4.3)	525 (5.6)	519 (2.3)	-6 (6.2)	-5 (5.4)	-3 (5.1)				
	Finland	518 (2.0)	530 (10.4)	12 (10.7)	12 (11.4)	12 (12.4)	520 (2.8)	517 (2.8)	-3 (4.1)	-5 (3.7)	-7 (3.6)				
	France	482 (5.7)	514 (5.5)	<b>32</b> (9.9)	<b>22</b> (7.5)	11 (6.3)	513 (9.1)	490 (4.4)	-22 (12.1)	-12 (8.6)	2 (6.2)				
	Germany	515 (4.0)	512 (14.7)	-2 (16.4)	-8 (12.2)	-7 (8.1)	511 (5.5)	520 (6.1)	8 (9.6)	10 (7.4)	<b>12</b> (5.3)				
	Greece	451 (3.0)	456 (6.0)	5 (7.0)	1 (5.6)	-4 (5.4)	451 (5.3)	454 (4.6)	4 (8.5)	4 (6.4)	4 (5.4)				
	Hungary	460 (5.9)	497 (6.6)	<b>37</b> (10.6)	<b>25</b> (7.4)	10 (5.3)	467 (7.7)	486 (5.8)	19 (11.8)	11 (8.6)	1 (6.6)				
	Iceland	492 (2.0)	496 (3.0)	4 (3.4)	2 (3.4)	-1 (3.4)	502 (3.4)	491 (2.0)	<b>-11</b> (3.8)	<b>-11</b> (3.7)	<b>-11</b> (3.7)				
	Ireland	499 (2.8)	514 (7.0)	15 (7.8)	9 (5.7)	3 (4.9)	508 (3.4)	496 (4.6)	-12 (6.3)	-7 (4.4)	-2 (3.4)				
	Israel	445 (7.5)	490 (6.3)	<b>45</b> (11.0)	<b>31</b> (9.0)	12 (8.1)	474 (16.4)	465 (4.6)	-9 (16.0)	-11 (13.8)	-14 (14.7)				
	Italy	478 (3.1)	501 (4.4)	<b>23</b> (5.8)	<b>17</b> (5.1)	7 (4.4)	487 (3.1)	487 (5.4)	0 (7.0)	-1 (5.9)	-3 (4.7)				
	Japan	535 (3.8)	553 (18.6)	18 (19.7)	15 (15.1)	0 (11.6)	538 (4.0)	511 (20.1)	-28 (21.4)	-17 (17.6)	9 (12.8)				
	Korea	542 (11.5)	558 (5.2)	16 (13.3)	14 (11.4)	11 (9.1)	580 (21.4)	551 (4.5)	-30 (22.3)	-25 (17.5)	-15 (12.5)				
	Luxembourg	483 (1.3)	532 (2.2)	<b>50</b> (3.6)	<b>31</b> (2.9)	5 (2.9)	495 (1.9)	487 (1.2)	<b>-8</b> (2.1)	-4 (2.3)	3 (2.1)				
	Mexico	413 (2.0)	413 (2.3)	0 (3.3)	1 (2.7)	2 (2.5)	400 (5.8)	414 (1.4)	<b>15</b> (6.1)	7 (4.8)	1 (4.6)				
	Netherlands	508 (21.9)	521 (4.9)	12 (23.8)	7 (19.4)	-5 (13.6)	523 (11.6)	519 (5.5)	-5 (14.3)	-7 (12.2)	-9 (9.2)				
	New Zealand	500 (9.4)	502 (3.4)	2 (11.3)	4 (7.1)	6 (5.1)	517 (14.7)	501 (2.8)	-16 (15.8)	<b>-17</b> (6.8)	<b>-17</b> (11.4)				
	Norway	483 (4.1)	497 (3.8)	<b>14</b> (5.8)	9 (4.8)	4 (4.5)	491 (8.3)	490 (2.7)	-1 (8.5)	-4 (8.0)	-8 (7.7)				
	Poland	509 (3.7)	527 (6.8)	<b>18</b> (7.8)	<b>14</b> (6.0)	<b>11</b> (5.3)	513 (6.0)	519 (4.4)	6 (7.5)	8 (5.8)	9 (5.3)				
	Portugal	481 (6.7)	492 (5.0)	11 (8.8)	<b>11</b> (5.7)	<b>12</b> (5.2)	502 (12.7)	485 (4.1)	-18 (13.8)	-7 (10.1)	0 (10.0)				
	Slovak Republic	476 (10.1)	483 (4.4)	8 (12.3)	1 (8.0)	-5 (5.5)	489 (13.5)	480 (4.8)	-9 (16.4)	-5 (10.5)	-3 (6.8)				
	Slovenia	512 (2.4)	495 (1.9)	<b>-17</b> (3.4)	<b>-11</b> (3.2)	1 (2.7)	507 (2.9)	501 (1.5)	-6 (3.5)	-4 (3.3)	0 (2.9)				
Spain	484 (2.1)	486 (6.3)	2 (6.8)	-1 (4.7)	-3 (4.3)	486 (4.3)	484 (2.2)	-2 (4.9)	2 (4.0)	4 (4.1)					
Sweden	478 (6.3)	479 (2.5)	1 (6.9)	-1 (5.7)	-2 (5.5)	w w	w w	w w	w w	w w					
Switzerland	530 (3.5)	571 (12.2)	<b>42</b> (13.3)	<b>43</b> (11.9)	<b>46</b> (13.4)	518 (5.6)	544 (5.6)	<b>26</b> (8.9)	<b>24</b> (7.7)	<b>21</b> (6.7)					
Turkey	423 (6.0)	461 (6.2)	<b>38</b> (8.4)	<b>27</b> (7.2)	6 (7.7)	431 (21.2)	449 (5.0)	18 (22.0)	14 (18.9)	5 (18.4)					
United Kingdom	492 (11.1)	496 (3.6)	4 (11.5)	0 (8.8)	-5 (7.0)	524 (19.3)	492 (4.0)	-32 (20.5)	-22 (14.6)	-8 (8.8)					
United States	475 (13.5)	483 (4.0)	9 (14.5)	14 (12.4)	19 (12.0)	524 (12.4)	481 (3.8)	<b>-43</b> (13.1)	-17 (11.8)	4 (11.4)					
OECD average	489 (1.2)	503 (1.6)	<b>14</b> (2.1)	<b>10</b> (1.7)	<b>5</b> (1.5)	498 (1.7)	494 (0.9)	-4 (2.0)	-2 (1.6)	-1 (1.4)					
Partners	Albania	394 (2.4)	395 (3.9)	1 (4.6)	c c	c c	407 (5.0)	392 (2.2)	<b>-14</b> (5.4)	c c	c c				
	Argentina	388 (3.9)	386 (10.4)	-2 (11.4)	-1 (8.7)	1 (7.5)	399 (7.6)	385 (4.1)	-14 (8.9)	-8 (7.0)	-1 (5.6)				
	Brazil	394 (3.6)	390 (3.5)	-4 (5.7)	-2 (4.2)	-1 (3.4)	399 (8.9)	391 (2.4)	-8 (9.9)	-7 (6.9)	-7 (5.7)				
	Bulgaria	407 (5.9)	465 (5.9)	<b>59</b> (8.8)	<b>41</b> (6.9)	<b>23</b> (6.1)	426 (20.4)	440 (4.0)	14 (20.8)	13 (14.1)	11 (10.2)				
	Colombia	371 (4.7)	382 (4.4)	12 (7.0)	9 (5.1)	7 (4.4)	382 (6.2)	376 (3.1)	-6 (7.0)	-4 (5.8)	-2 (6.3)				
	Costa Rica	406 (3.3)	420 (7.1)	14 (7.7)	9 (6.0)	5 (6.5)	425 (26.5)	406 (2.9)	-18 (26.4)	-15 (19.8)	-11 (17.2)				
	Croatia	473 (5.1)	465 (8.5)	-8 (11.5)	-6 (9.1)	-3 (6.6)	476 (14.8)	470 (3.7)	-5 (15.8)	-6 (13.2)	-8 (10.4)				
	Cyprus*	433 (1.3)	469 (2.8)	<b>36</b> (3.2)	<b>18</b> (3.2)	<b>-10</b> (3.4)	426 (2.3)	442 (1.3)	<b>16</b> (2.7)	<b>14</b> (2.7)	<b>12</b> (2.7)				
	Hong Kong-China	552 (5.2)	580 (8.5)	<b>28</b> (11.7)	<b>28</b> (10.1)	<b>26</b> (9.1)	564 (9.1)	560 (5.2)	-4 (12.6)	0 (10.5)	5 (9.8)				
	Indonesia	372 (4.9)	388 (9.4)	17 (11.0)	10 (9.5)	2 (8.4)	369 (8.5)	379 (5.0)	10 (10.3)	10 (8.6)	9 (7.3)				
	Jordan	388 (3.3)	377 (11.8)	-11 (13.0)	-11 (11.6)	-14 (9.8)	372 (8.5)	388 (3.4)	16 (9.0)	13 (8.2)	9 (8.8)				
	Kazakhstan	428 (6.8)	433 (3.5)	4 (8.0)	1 (7.5)	-2 (7.4)	c c	432 (3.0)	c c	c c	c c				
	Latvia	486 (3.6)	499 (4.6)	<b>13</b> (6.0)	<b>10</b> (4.9)	8 (4.6)	490 (5.3)	490 (3.0)	0 (6.2)	-2 (5.1)	-4 (4.7)				
	Liechtenstein	491 (4.6)	c c	c c	c c	c c	484 (5.3)	c c	c c	c c	c c				
	Lithuania	477 (3.3)	483 (4.3)	6 (5.5)	7 (4.2)	9 (3.8)	478 (7.0)	479 (3.1)	1 (8.2)	0 (6.3)	-1 (5.3)				
	Macao-China	536 (1.1)	564 (3.8)	<b>28</b> (4.1)	<b>26</b> (4.0)	<b>23</b> (4.0)	537 (1.4)	537 (1.3)	0 (1.8)	1 (1.7)	1 (1.7)				
	Malaysia	418 (4.4)	426 (5.2)	9 (7.2)	7 (5.3)	5 (4.5)	404 (9.1)	421 (3.4)	17 (10.4)	6 (6.0)	-6 (10.1)				
	Montenegro	393 (2.0)	414 (1.3)	<b>21</b> (2.6)	<b>18</b> (2.8)	<b>9</b> (2.7)	c c	410 (1.1)	c c	c c	c c				
	Peru	369 (3.8)	366 (12.8)	-3 (13.1)	-6 (8.7)	-8 (7.2)	360 (5.7)	373 (5.3)	12 (8.3)	6 (5.1)	1 (4.1)				
	Qatar	367 (1.1)	386 (1.0)	<b>19</b> (1.3)	<b>18</b> (1.5)	<b>15</b> (1.4)	442 (4.6)	374 (0.8)	<b>-68</b> (4.7)	<b>-63</b> (4.5)	<b>-54</b> (4.4)				
	Romania	438 (7.4)	448 (4.5)	10 (8.9)	9 (6.7)	9 (5.8)	444 (8.9)	445 (4.3)	1 (10.3)	1 (8.0)	1 (7.0)				
	Russian Federation	471 (5.8)	485 (3.8)	14 (7.4)	6 (5.7)	0 (5.2)	c c	482 (3.0)	c c	c c	c c				
	Serbia	444 (6.1)	452 (6.7)	8 (10.3)	6 (8.4)	1 (6.0)	455 (7.3)	443 (5.9)	-12 (10.7)	-9 (8.9)	-3 (6.5)				
	Shanghai-China	613 (3.3)	600 (26.2)	-13 (26.4)	-12 (22.9)	-11 (20.2)	607 (8.4)	616 (6.2)	10 (12.9)	5 (9.9)	-1 (7.2)				
	Singapore	560 (1.6)	588 (1.9)	<b>28</b> (2.5)	<b>20</b> (2.5)	7 (3.4)	c c	575 (1.3)	c c	c c	c c				
	Chinese Taipei	559 (4.2)	564 (16.6)	5 (18.9)	2 (12.7)	-1 (9.1)	562 (6.1)	557 (6.7)	-5 (10.9)	0 (8.2)	7 (6.5)				
	Thailand	411 (7.6)	432 (4.2)	<b>21</b> (9.2)	<b>17</b> (7.8)	14 (7.3)	394 (20.7)	427 (3.5)	33 (21.1)	<b>37</b> (18.4)	<b>40</b> (18.4)				
	Tunisia	389 (4.6)	379 (8.8)	-10 (10.0)	-7 (9.0)	-3 (9.6)	400 (8.6)	384 (4.8)	-16 (10.4)	-13 (8.6)	-8 (7.2)				
United Arab Emirates	433 (3.7)	437 (3.4)	4 (5.2)	4 (4.9)	5 (5.2)	445 (10.2)	434 (2.8)	-11 (11.3)	-9 (10.1)	-6 (9.3)					
Uruguay	409 (3.2)	411 (9.8)	2 (11.1)	6 (9.5)	9 (8.9)	418 (8.6)	406 (3.2)	-12 (10.1)	-5 (6.7)	0 (5.6)					
Viet Nam	487 (9.6)	519 (5.0)	<b>33</b> (10.7)	<b>28</b> (9.3)	<b>24</b> (9.0)	501 (8.2)	512 (6.0)	11 (10.4)	8 (8.5)	6 (9.3)					

Notes: Values that are statistically significant are indicated in bold (see Annex A3). ESCS refers to the PISA index of economic, social and cultural status of students.

\* See notes at the beginning of this Annex.

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[Part 1/5]

**Mathematics performance and quality assurance and school improvement**

Table IV.1.18

*Results based on school principals' reports*

		Mathematics performance, by whether the school principal reported that the school has the following measures aimed at quality assurance and improvement:																			
		Written specification of the school's curriculum and educational goals								Written specification of student performance standards											
		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS	
		Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	499 (9.0)		504 (1.7)		-5 (9.0)		-1 (7.8)		-6 (7.9)		500 (6.7)		505 (1.8)		-4 (7.1)		-3 (5.6)		-9 (5.1)	
	Austria	510 (8.4)		506 (3.8)		-4 (10.4)		-3 (8.2)		-2 (7.9)		517 (5.5)		499 (5.0)		<b>-18</b> (8.7)		-10 (7.4)		1 (7.2)	
	Belgium	501 (12.1)		517 (3.0)		17 (14.0)		10 (10.5)		-2 (5.8)		505 (5.5)		525 (5.6)		<b>20</b> (10.2)		15 (7.7)		3 (5.4)	
	Canada	515 (8.5)		519 (2.0)		4 (9.1)		-6 (5.9)		<b>-14</b> (5.1)		515 (5.4)		519 (2.2)		4 (6.3)		-1 (5.3)		-5 (4.8)	
	Chile	412 (8.6)		425 (3.5)		13 (9.8)		6 (7.0)		1 (6.5)		418 (7.3)		424 (4.1)		6 (9.3)		3 (6.4)		1 (5.3)	
	Czech Republic	491 (12.1)		499 (3.6)		8 (12.9)		8 (11.0)		9 (14.4)		517 (7.9)		494 (4.1)		<b>-23</b> (9.2)		<b>-18</b> (7.3)		-8 (6.0)	
	Denmark	491 (3.8)		504 (3.3)		<b>13</b> (5.1)		<b>11</b> (3.3)		9 (3.0)		502 (3.9)		497 (3.7)		-4 (5.7)		-2 (3.8)		-1 (3.2)	
	Estonia	526 (7.0)		520 (2.1)		-6 (7.3)		-8 (6.6)		-10 (6.7)		530 (6.2)		519 (2.2)		-11 (6.6)		-10 (6.7)		-9 (7.1)	
	Finland	520 (4.7)		518 (2.1)		-1 (5.1)		-3 (3.9)		-5 (4.0)		518 (3.0)		519 (2.5)		1 (3.9)		-2 (3.6)		-5 (4.0)	
	France	508 (9.0)		491 (4.3)		-17 (11.6)		-12 (8.6)		-8 (6.7)		509 (4.2)		460 (10.0)		<b>-49</b> (12.3)		<b>-33</b> (9.2)		-10 (6.3)	
	Germany	522 (15.8)		512 (4.0)		-10 (17.5)		2 (14.5)		18 (10.5)		525 (8.8)		509 (4.9)		-16 (11.7)		-8 (9.2)		2 (6.7)	
	Greece	458 (4.7)		448 (4.3)		-10 (7.3)		-10 (5.4)		-8 (4.6)		454 (3.8)		450 (6.4)		-4 (8.7)		-4 (6.6)		-3 (5.5)	
	Hungary	453 (44.7)		479 (3.6)		26 (46.1)		22 (36.4)		20 (27.1)		438 (15.3)		482 (3.8)		<b>44</b> (16.1)		<b>30</b> (10.0)		<b>14</b> (6.0)	
	Iceland	487 (2.7)		497 (2.2)		<b>10</b> (3.3)		2 (3.5)		<b>-7</b> (3.6)		492 (3.2)		494 (1.9)		2 (3.3)		-6 (3.3)		<b>-13</b> (3.4)	
	Ireland	499 (6.1)		504 (3.1)		5 (7.6)		-1 (5.6)		-6 (4.2)		501 (3.9)		506 (3.6)		5 (5.8)		3 (4.4)		-1 (3.7)	
	Israel	500 (14.1)		465 (4.9)		<b>-35</b> (15.2)		-16 (9.3)		6 (9.7)		477 (8.5)		463 (5.7)		-14 (10.6)		-9 (8.3)		3 (7.3)	
	Italy	485 (18.8)		487 (2.3)		3 (18.9)		4 (15.3)		8 (11.5)		493 (5.5)		486 (2.7)		-6 (6.8)		-9 (6.1)		<b>-14</b> (5.8)	
	Japan	c	c	537 (3.7)		c	c	c	c	c	c	531 (5.0)		542 (7.7)		10 (10.8)		8 (8.9)		3 (5.8)	
	Korea	c	c	555 (4.5)		c	c	c	c	c	c	564 (14.8)		553 (4.8)		-11 (15.8)		-2 (14.5)		15 (15.1)	
	Luxembourg	484 (1.9)		498 (1.4)		<b>14</b> (2.1)		5 (2.2)		<b>-10</b> (2.2)		482 (1.6)		504 (1.5)		<b>21</b> (2.0)		<b>10</b> (2.3)		<b>-5</b> (2.2)	
	Mexico	387 (4.5)		415 (1.4)		<b>28</b> (4.7)		<b>18</b> (4.2)		<b>10</b> (4.3)		409 (4.2)		414 (1.6)		5 (4.7)		2 (3.8)		0 (3.5)	
	Netherlands	503 (23.2)		521 (4.4)		19 (23.8)		18 (20.1)		12 (11.9)		535 (13.1)		517 (5.6)		-19 (16.2)		-14 (14.0)		-5 (9.5)	
	New Zealand	c	c	501 (2.5)		c	c	c	c	c	c	510 (12.6)		501 (2.7)		-9 (13.6)		-5 (8.4)		1 (6.6)	
	Norway	508 (21.6)		490 (2.6)		-18 (20.8)		-23 (19.4)		-29 (18.7)		484 (6.1)		493 (2.9)		8 (6.5)		4 (5.3)		2 (4.6)	
	Poland	515 (5.4)		520 (4.8)		4 (7.1)		1 (5.3)		-2 (5.0)		509 (6.9)		520 (4.1)		10 (7.8)		6 (6.3)		2 (6.4)	
	Portugal	488 (14.6)		486 (4.2)		-2 (15.8)		-6 (13.1)		-10 (12.5)		498 (5.9)		482 (5.1)		-16 (8.6)		<b>-13</b> (6.3)		-11 (6.6)	
	Slovak Republic	480 (16.5)		482 (4.3)		3 (18.8)		1 (12.8)		0 (8.8)		473 (10.5)		483 (4.5)		9 (12.7)		4 (8.6)		-1 (7.0)	
	Slovenia	513 (9.5)		503 (1.4)		-10 (10.0)		-8 (7.1)		-2 (7.6)		517 (5.3)		503 (1.4)		<b>-15</b> (5.5)		<b>-14</b> (5.3)		-12 (6.7)	
	Spain	488 (9.1)		484 (2.0)		-4 (9.4)		-5 (7.5)		-5 (7.3)		483 (4.7)		485 (2.0)		1 (4.9)		-1 (4.2)		-2 (4.1)	
	Sweden	472 (4.4)		481 (3.2)		9 (6.0)		5 (5.0)		3 (4.8)		476 (9.7)		478 (2.5)		3 (10.4)		4 (7.4)		6 (6.7)	
	Switzerland	517 (5.0)		540 (5.4)		<b>23</b> (8.7)		<b>19</b> (7.1)		<b>12</b> (5.9)		533 (4.4)		533 (6.0)		0 (8.0)		4 (6.9)		9 (6.0)	
	Turkey	445 (20.3)		449 (4.6)		4 (20.2)		3 (17.3)		-1 (13.3)		484 (31.6)		446 (4.2)		-38 (30.5)		-33 (26.5)		-23 (20.9)	
	United Kingdom	505 (20.1)		494 (3.8)		-10 (20.5)		-4 (13.7)		1 (11.7)		517 (8.2)		492 (4.2)		<b>-25</b> (10.0)		<b>-15</b> (6.4)		<b>-5</b> (7.2)	
	United States	485 (29.5)		482 (3.5)		-3 (28.7)		5 (20.9)		11 (16.1)		484 (14.7)		482 (3.7)		-2 (15.0)		-8 (7.6)		<b>-13</b> (6.5)	
OECD average	489 (2.7)		495 (0.6)		3 (2.8)		1 (2.2)		0 (1.8)		497 (1.6)		493 (0.8)		<b>-4</b> (1.9)		<b>-4</b> (1.5)		<b>-3</b> (1.2)		
Partners	Albania	398 (7.0)		394 (2.1)		-5 (7.5)		c	c	c	404 (13.0)		394 (2.1)		-10 (13.4)		c	c	c	c	
	Argentina	390 (12.9)		389 (3.9)		0 (14.3)		5 (10.2)		10 (7.0)	395 (6.3)		387 (4.1)		-9 (7.6)		-9 (5.7)		-10 (5.6)		
	Brazil	407 (19.6)		390 (2.1)		-17 (20.1)		-12 (15.2)		-5 (10.6)	387 (4.3)		393 (3.1)		6 (6.0)		1 (4.4)		-4 (3.8)		
	Bulgaria	428 (14.7)		441 (4.4)		13 (16.1)		0 (11.8)		-12 (9.5)	430 (13.4)		442 (4.6)		12 (15.2)		10 (10.8)		8 (7.2)		
	Colombia	368 (18.3)		377 (3.0)		8 (18.7)		11 (14.8)		14 (13.2)	365 (17.0)		377 (3.0)		12 (17.5)		9 (15.4)		7 (14.9)		
	Costa Rica	405 (7.4)		408 (3.4)		2 (8.0)		-1 (6.9)		-4 (6.8)	393 (5.2)		410 (3.5)		<b>17</b> (6.1)		<b>11</b> (5.0)		5 (5.3)		
	Croatia	483 (22.6)		471 (4.0)		-12 (24.1)		-11 (19.0)		-6 (12.6)	475 (9.8)		470 (4.7)		-5 (12.3)		-2 (9.8)		3 (7.4)		
	Cyprus*	c	c	439 (1.1)		c	c	c	c	c	430 (2.4)		441 (1.3)		<b>11</b> (2.8)		<b>6</b> (2.7)		-3 (2.7)		
	Hong Kong-China	c	c	561 (3.3)		c	c	c	c	c	551 (15.0)		562 (3.7)		12 (16.5)		6 (14.6)		-3 (12.4)		
	Indonesia	c	c	376 (4.1)		c	c	c	c	c	345 (12.9)		378 (4.4)		<b>33</b> (14.0)		<b>28</b> (11.3)		<b>22</b> (9.4)		
	Jordan	381 (13.1)		387 (3.2)		6 (13.5)		4 (12.7)		0 (12.8)	362 (9.0)		388 (3.3)		<b>25</b> (9.6)		<b>19</b> (8.8)		10 (9.9)		
	Kazakhstan	403 (12.5)		433 (3.1)		<b>29</b> (13.2)		<b>21</b> (10.3)		11 (8.5)	c	c	432 (3.0)		c	c	c	c	c	c	
	Latvia	467 (14.7)		490 (2.8)		22 (14.6)		17 (11.8)		15 (11.0)	471 (8.7)		490 (2.9)		<b>20</b> (9.3)		12 (6.8)		7 (5.4)		
	Liechtenstein	c	c	557 (4.1)		c	c	c	c	c	c	c	490 (4.7)		c	c	c	c	c	c	
	Lithuania	466 (7.7)		484 (3.3)		<b>18</b> (9.1)		12 (7.1)		4 (5.6)	474 (7.0)		480 (3.4)		6 (8.4)		6 (6.7)		6 (5.8)		
	Macao-China	502 (3.2)		542 (1.0)		<b>40</b> (3.4)		<b>38</b> (3.6)		<b>34</b> (3.5)	459 (4.1)		544 (1.0)		<b>85</b> (4.3)		<b>82</b> (4.3)		<b>77</b> (4.3)		
	Malaysia	c	c	420 (3.2)		c	c	c	c	c	c	c	421 (3.2)		c	c	c	c	c	c	
	Montenegro	392 (3.4)		411 (1.1)		<b>19</b> (3.7)		<b>12</b> (3.7)		-6 (3.8)	419 (2.1)		408 (1.3)		<b>-11</b> (2.6)		<b>-7</b> (2.5)		3 (2.6)		
	Peru	341 (8.9)		371 (4.1)		<b>30</b> (10.0)		<b>18</b> (6.7)		9 (5.8)	358 (5.4)		373 (5.0)		14 (7.5)		<b>10</b> (4.9)		7 (4.0)		
	Qatar	c	c	375 (0.8)		c	c	c	c	c	c	c	375 (0.8)		c	c	c	c	c	c	
	Romania	436 (12.6)		446 (3.9)		10 (13.3)		11 (9.4)		12 (7.7)	445 (13.0)		444 (4.1)		-1 (14.2)		-2 (11.2)		-3 (9.2)		
	Russian Federation	462 (12.1)		484 (2.9)		21 (11.9)		11 (11.7)		3 (11.7)	493 (10.1)		481 (3.3)		-12 (11.1)		-7 (9.3)		-3 (8.2)		
	Serbia	465 (13.2)		447 (5.0)		-18 (15.3)		-13 (13.0)		-5 (10.4)	444 (5.6)		455 (6.7)		11 (9.7)		7 (7.9)		-5 (6.1)		
	Shanghai-China	c	c	613 (3.3)		c	c	c	c	c	583 (12.8)		617 (3.5)		<b>34</b> (13.5)		18 (9.4)		-6 (7.7)		
	Singapore	c	c	575 (1.3)		c	c	c	c	c	c	c	575 (1.2)		c	c	c	c	c	c	
	Chinese Taipei	561 (18.8)		559 (3.9)		-3 (19.9)		0 (13.4)		5 (9.0)	568 (14.5)		558 (4.5)		-11 (16.9)		-5 (13.5)		3 (11.4)		
	Thailand	391 (6.0)		428 (3.6)		<b>36</b> (7.1)		<b>26</b> (5.8)		<b>16</b> (7.4)	397 (15.6)		429 (3.6)		<b>-32</b> (15.9)		<b>23</b> (13.4)		15 (11.9)		
	Tunisia	392 (5.9)		385 (6.4)		-7 (9.2)		-3 (8.0)		1 (7.3)	385 (5.4)		397 (8.8)		12 (11.1)		10 (9.3)	</			





[Part 2/5]

**Mathematics performance and quality assurance and school improvement**Table IV.1.18 *Results based on school principals' reports*

		Mathematics performance, by whether the school principal reported that the school has the following measures aimed at quality assurance and improvement:																			
		Systematic recording of data, including teacher and student attendance and graduation rates, test results and professional development of teachers							Internal evaluation/self-evaluation												
		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS	
		Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	492 (15.2)		504 (1.7)		13 (15.3)		5 (11.2)		-2 (8.2)		519 (7.9)		503 (1.7)		-16 (8.4)		-12 (7.5)		-10 (7.6)	
	Austria	507 (9.9)		507 (4.0)		1 (12.3)		0 (9.8)		-1 (8.3)		524 (13.1)		504 (3.8)		-20 (15.2)		-14 (11.4)		-6 (10.0)	
	Belgium	482 (7.2)		525 (3.2)		<b>43</b> (8.9)		<b>32</b> (6.8)		<b>16</b> (5.6)		492 (9.0)		522 (3.5)		<b>30</b> (11.4)		<b>21</b> (8.5)		<b>8</b> (5.3)	
	Canada	520 (7.9)		518 (2.2)		-2 (8.7)		-4 (7.1)		-6 (6.3)		520 (4.5)		518 (2.4)		-2 (5.6)		-6 (5.0)		<b>-10</b> (4.8)	
	Chile	423 (9.9)		423 (3.3)		-1 (10.6)		6 (7.1)		9 (6.7)		404 (10.2)		425 (3.2)		<b>21</b> (10.5)		13 (7.2)		7 (7.0)	
	Czech Republic	480 (13.9)		503 (3.5)		24 (14.6)		17 (11.8)		7 (8.5)		555 (19.5)		499 (3.7)		<b>-56</b> (20.6)		<b>-45</b> (12.2)		<b>-26</b> (9.3)	
	Denmark	501 (8.6)		500 (2.6)		-1 (9.1)		-2 (6.0)		-3 (5.0)		502 (7.5)		500 (2.8)		-2 (8.1)		4 (5.4)		8 (4.6)	
	Estonia	533 (15.0)		520 (2.1)		-14 (15.5)		-12 (13.1)		-9 (11.1)		c		520 (2.0)		c		c		c	
	Finland	522 (2.7)		517 (2.5)		-5 (3.6)		-4 (3.2)		-3 (3.2)		511 (10.8)		519 (2.0)		8 (11.1)		10 (9.5)		11 (8.7)	
	France	518 (9.8)		488 (4.2)		<b>-30</b> (12.1)		<b>-20</b> (8.7)		-8 (6.8)		502 (7.0)		492 (5.8)		-10 (11.2)		-8 (7.8)		-6 (5.6)	
	Germany	521 (11.0)		512 (4.3)		-9 (13.1)		-5 (9.9)		4 (6.9)		498 (8.9)		520 (4.7)		22 (11.7)		14 (9.9)		6 (8.4)	
	Greece	448 (5.1)		455 (3.6)		6 (7.0)		3 (5.3)		-1 (4.8)		454 (3.7)		450 (7.0)		-3 (9.4)		-2 (6.7)		-1 (5.6)	
	Hungary	466 (15.7)		480 (4.0)		15 (17.8)		9 (12.8)		2 (9.1)		509 (23.8)		476 (3.6)		<b>-32</b> (24.5)		<b>-16</b> (17.1)		2 (16.0)	
	Iceland	461 (6.8)		496 (1.9)		<b>35</b> (7.3)		<b>24</b> (7.4)		14 (7.6)		c		494 (1.8)		c		c		c	
	Ireland	508 (10.3)		501 (2.7)		-6 (11.0)		-4 (7.8)		-3 (5.8)		506 (7.0)		501 (3.0)		-5 (8.0)		-3 (5.8)		0 (5.2)	
	Israel	485 (21.0)		465 (5.0)		-20 (22.2)		-14 (17.0)		-9 (13.0)		462 (13.9)		467 (5.0)		5 (15.0)		1 (12.4)		1 (10.0)	
	Italy	488 (3.6)		488 (3.6)		0 (5.6)		0 (4.7)		0 (4.1)		488 (5.7)		487 (2.6)		-1 (6.5)		0 (5.6)		2 (4.9)	
	Japan	530 (6.0)		542 (5.3)		12 (8.7)		9 (7.4)		7 (6.2)		488 (15.2)		538 (3.6)		<b>50</b> (16.3)		<b>44</b> (13.3)		29 (14.7)	
	Korea	546 (13.9)		554 (4.9)		8 (15.2)		6 (12.4)		1 (8.9)		c		553 (4.8)		c		c		c	
	Luxembourg	463 (1.8)		503 (1.4)		<b>40</b> (2.1)		<b>21</b> (2.3)		<b>-7</b> (2.3)		500 (2.2)		490 (1.4)		<b>-10</b> (2.3)		<b>-10</b> (2.5)		<b>-12</b> (2.3)	
	Mexico	407 (6.3)		414 (1.4)		7 (6.5)		7 (5.1)		6 (4.6)		407 (5.8)		414 (1.5)		6 (6.1)		5 (5.3)		4 (4.9)	
	Netherlands	c		521 (4.3)		c		c		c		526 (20.5)		519 (4.8)		-7 (21.9)		-3 (18.8)		7 (14.1)	
	New Zealand	465 (33.3)		503 (2.6)		37 (34.0)		24 (20.4)		18 (12.1)		c		502 (2.5)		c		c		c	
	Norway	492 (6.7)		490 (3.1)		-2 (7.5)		-1 (6.2)		0 (5.7)		484 (4.7)		494 (3.6)		10 (6.0)		6 (5.4)		3 (5.0)	
	Poland	c		517 (3.6)		c		c		c		518 (16.3)		517 (3.7)		-1 (16.6)		-1 (14.6)		-1 (15.0)	
	Portugal	524 (16.3)		485 (4.0)		<b>-39</b> (17.2)		<b>-20</b> (7.7)		-8 (7.0)		c		487 (3.8)		c		c		c	
	Slovak Republic	479 (18.7)		481 (3.7)		2 (19.9)		0 (14.1)		-2 (10.0)		428 (21.6)		484 (3.6)		<b>56</b> (22.5)		<b>38</b> (15.6)		22 (11.3)	
	Slovenia	504 (3.5)		503 (1.5)		-1 (3.9)		-2 (3.8)		-1 (3.3)		521 (8.9)		502 (1.4)		<b>-20</b> (9.2)		<b>-15</b> (6.8)		-7 (5.1)	
	Spain	491 (4.9)		484 (2.0)		-7 (5.2)		<b>-10</b> (4.7)		<b>-12</b> (5.2)		486 (3.3)		484 (2.1)		-2 (3.7)		-2 (3.7)		-2 (4.3)	
	Sweden	474 (9.8)		479 (2.4)		5 (10.1)		10 (8.2)		14 (7.4)		463 (9.0)		480 (2.5)		17 (9.9)		8 (6.6)		1 (6.3)	
	Switzerland	521 (5.8)		540 (5.6)		<b>19</b> (9.4)		<b>17</b> (7.8)		<b>14</b> (6.5)		525 (9.4)		534 (3.7)		9 (10.4)		11 (8.5)		14 (7.6)	
	Turkey	456 (52.0)		448 (4.3)		-8 (51.2)		-2 (45.1)		11 (36.8)		c		449 (4.9)		c		c		c	
	United Kingdom	469 (16.9)		495 (3.6)		26 (17.1)		17 (15.1)		3 (13.3)		c		495 (3.6)		c		c		c	
United States	c		482 (3.6)		c		c		c		472 (17.7)		483 (3.8)		11 (18.5)		3 (14.8)		-2 (12.7)		
OECD average	489 (2.8)		495 (0.6)		5 (2.9)		3 (2.3)		2 (1.8)		491 (2.3)		495 (0.6)		2 (2.5)		2 (1.9)		2 (1.7)		
Partners	Albania	389 (9.6)		394 (2.2)		5 (10.2)		c		c		397 (12.5)		394 (2.0)		-3 (12.7)		c		c	
	Argentina	385 (8.4)		391 (4.3)		5 (10.2)		3 (8.1)		-1 (7.5)		380 (7.6)		391 (3.9)		11 (9.1)		7 (7.1)		0 (7.9)	
	Brazil	382 (5.1)		393 (2.9)		11 (6.7)		6 (4.8)		1 (3.7)		374 (6.1)		392 (2.3)		<b>18</b> (6.5)		8 (5.3)		-3 (5.4)	
	Bulgaria	c		440 (4.1)		c		c		c		c		439 (3.9)		c		c		c	
	Colombia	378 (10.1)		377 (3.3)		-1 (11.2)		1 (9.2)		3 (8.7)		309 (13.7)		378 (2.9)		<b>70</b> (14.0)		<b>58</b> (7.2)		<b>48</b> (11.9)	
	Costa Rica	396 (5.4)		409 (3.3)		<b>12</b> (5.8)		6 (4.8)		1 (6.1)		413 (10.4)		406 (3.2)		-7 (11.1)		-10 (8.9)		-12 (7.8)	
	Croatia	458 (20.5)		472 (3.8)		13 (21.6)		10 (18.2)		2 (13.0)		470 (19.2)		471 (4.0)		1 (20.6)		7 (17.2)		18 (11.8)	
	Cyprus*	424 (4.7)		440 (1.2)		<b>16</b> (4.9)		<b>13</b> (4.6)		8 (4.5)		434 (2.3)		440 (1.2)		<b>6</b> (2.6)		2 (2.5)		-4 (2.5)	
	Hong Kong-China	c		561 (3.2)		c		c		c		c		561 (3.2)		c		c		c	
	Indonesia	c		375 (4.1)		c		c		c		371 (8.9)		376 (4.5)		5 (10.5)		0 (8.9)		-6 (8.1)	
	Jordan	389 (10.6)		385 (3.1)		-4 (10.6)		-3 (9.4)		-2 (8.7)		362 (7.4)		388 (3.4)		<b>26</b> (8.4)		<b>25</b> (8.3)		<b>22</b> (9.5)	
	Kazakhstan	c		432 (3.0)		c		c		c		c		432 (3.1)		c		c		c	
	Latvia	c		490 (2.8)		c		c		c		c		488 (2.7)		c		c		c	
	Liechtenstein	557 (5.2)		497 (5.8)		<b>-60</b> (7.8)		<b>-57</b> (8.5)		<b>-50</b> (8.5)		c		532 (3.9)		c		c		c	
	Lithuania	c		479 (2.7)		c		c		c		484 (17.6)		479 (2.9)		-6 (18.6)		-6 (15.6)		-7 (13.6)	
	Macao-China	c		539 (1.0)		c		c		c		511 (2.9)		542 (1.0)		<b>31</b> (3.0)		<b>28</b> (3.1)		<b>22</b> (3.1)	
	Malaysia	c		420 (3.2)		c		c		c		c		420 (3.2)		c		c		c	
	Montenegro	c		409 (1.1)		c		c		c		c		410 (1.1)		c		c		c	
	Peru	363 (5.1)		370 (5.6)		7 (8.4)		4 (5.1)		2 (3.9)		363 (7.2)		368 (4.2)		5 (8.8)		3 (5.9)		2 (5.3)	
	Qatar	c		375 (0.8)		c		c		c		c		375 (0.8)		c		c		c	
	Romania	425 (11.4)		447 (3.9)		22 (12.2)		17 (9.5)		14 (8.8)		458 (13.3)		443 (4.0)		-16 (14.2)		-10 (11.1)		-6 (9.2)	
	Russian Federation	457 (29.1)		483 (3.1)		26 (29.5)		17 (23.3)		9 (20.2)		426 (15.8)		483 (3.1)		<b>57</b> (16.5)		<b>39</b> (16.3)		25 (18.1)	
	Serbia	480 (23.0)		450 (4.2)		<b>-30</b> (23.8)		<b>-28</b> (19.2)		<b>-28</b> (19.3)		417 (15.1)		450 (4.0)		<b>33</b> (15.5)		22 (13.8)		-4 (12.5)	
	Shanghai-China	c		614 (3.2)		c		c		c		c		613 (3.3)		c		c		c	
	Singapore	c		574 (1.3)		c		c		c		c		574 (1.3)		c		c		c	
	Chinese Taipei	555 (14.2)		559 (3.8)		4 (15.1)		13 (10.3)		<b>27</b> (11.8)		544 (10.4)		562 (4.7)		18 (13.0)		9 (10.4)		-4 (9.9)	
	Thailand	c		428 (3.4)		c		c		c		c		427 (3.4)		c		c		c	
	Tunisia	372 (7.3)		395 (5.0)		<b>23</b> (9.7)		<b>21</b> (7.8)		<b>17</b> (6.9)		392 (17.4)		388 (4.2)		-4 (18.1)		-2 (15.7)		2 (14.5)	
	United Arab Emirates	454 (19.8)		435 (2.5)		-19 (20.5)		-4 (15.9)		17 (18.5)		410 (16.1)		435 (2.5)		25 (16.4)		21 (13.3)		19 (11.9)	
	Uruguay	436 (19.6)		408 (3.0)		-28 (20.5)		-18 (11.9)		-10 (12.3)		404 (7.9)		411 (3.6)							

[Part 3/5]

**Mathematics performance and quality assurance and school improvement**

Table IV.1.18

*Results based on school principals' reports*

		Mathematics performance, by whether the school principal reported that the school has the following measures aimed at quality assurance and improvement:																			
		External evaluation								Seek written feedback from students (e.g. regarding lessons, teachers or resources)											
		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS	
		Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	509 (3.5)		502 (2.3)		-7 (4.8)		-6 (4.2)		-5 (4.1)		500 (3.5)		506 (2.1)		6 (4.5)		1 (3.9)		-4 (3.9)	
	Austria	506 (4.2)		510 (9.5)		4 (12.3)		3 (10.4)		2 (9.3)		499 (12.4)		509 (4.0)		9 (14.8)		11 (11.3)		15 (8.7)	
	Belgium	503 (7.2)		521 (3.7)		18 (9.9)		9 (7.9)		-6 (5.9)		511 (3.1)		524 (6.3)		13 (8.2)		13 (6.4)		14 (5.8)	
	Canada	520 (3.0)		517 (3.0)		-3 (4.8)		-4 (4.1)		-6 (3.8)		514 (2.3)		525 (3.1)		10 (3.8)		6 (3.3)		2 (3.3)	
	Chile	412 (4.4)		432 (5.2)		20 (7.6)		13 (4.9)		8 (4.3)		418 (5.6)		428 (4.4)		10 (8.1)		5 (5.6)		2 (5.1)	
	Czech Republic	496 (6.8)		501 (5.1)		5 (9.6)		4 (7.6)		1 (6.0)		494 (7.9)		502 (5.5)		8 (11.3)		7 (9.2)		4 (7.1)	
	Denmark	505 (5.1)		497 (3.2)		-8 (6.5)		-4 (4.2)		0 (3.7)		500 (3.3)		499 (4.0)		-1 (5.1)		-1 (3.6)		-1 (3.5)	
	Estonia	524 (4.6)		519 (2.3)		-5 (5.2)		-3 (4.8)		-1 (4.8)		517 (4.6)		522 (2.4)		4 (5.4)		3 (5.3)		1 (5.6)	
	Finland	519 (2.5)		518 (3.1)		-1 (4.0)		-3 (3.6)		-3 (3.5)		517 (4.1)		519 (2.4)		2 (4.9)		2 (4.3)		2 (4.1)	
	France	499 (7.0)		493 (5.8)		-5 (11.2)		-5 (8.0)		-1 (6.2)		497 (3.5)		494 (16.0)		-3 (17.7)		-1 (13.9)		0 (10.8)	
	Germany	497 (6.7)		523 (5.3)		26 (10.3)		18 (7.9)		15 (5.8)		510 (6.2)		516 (6.7)		6 (11.0)		4 (8.7)		4 (5.7)	
	Greece	453 (2.9)		455 (24.4)		2 (25.6)		-2 (18.7)		-7 (14.5)		453 (3.2)		452 (6.9)		-1 (8.4)		-4 (6.5)		-9 (5.9)	
	Hungary	476 (8.5)		479 (5.8)		3 (12.5)		1 (8.9)		-2 (6.1)		464 (12.7)		481 (4.2)		17 (14.6)		13 (9.6)		8 (7.3)	
	Iceland	488 (3.3)		495 (1.8)		7 (3.2)		6 (3.2)		3 (3.2)		492 (2.5)		495 (2.2)		3 (3.1)		3 (3.1)		3 (3.1)	
	Ireland	513 (5.4)		500 (3.2)		-12 (7.0)		-8 (5.1)		-2 (4.7)		501 (3.2)		507 (6.1)		6 (7.5)		4 (5.0)		2 (3.7)	
	Israel	473 (8.5)		462 (5.5)		-11 (10.0)		-12 (7.7)		-12 (6.6)		464 (6.1)		468 (7.6)		4 (9.9)		5 (7.4)		9 (6.0)	
	Italy	486 (2.8)		491 (5.6)		5 (6.8)		5 (6.0)		5 (5.3)		486 (3.2)		490 (4.7)		4 (6.5)		4 (5.4)		4 (4.5)	
	Japan	537 (10.5)		536 (3.9)		-1 (11.6)		4 (9.5)		18 (8.0)		529 (9.6)		539 (3.7)		10 (10.5)		7 (9.1)		6 (7.8)	
	Korea	541 (9.1)		557 (5.6)		17 (11.2)		17 (8.9)		17 (6.5)		533 (12.7)		558 (5.2)		25 (14.3)		17 (12.7)		3 (10.9)	
	Luxembourg	479 (1.6)		511 (1.8)		32 (2.1)		21 (2.3)		6 (2.3)		491 (1.4)		496 (2.2)		5 (2.4)		2 (2.6)		-5 (2.4)	
	Mexico	412 (3.0)		414 (1.7)		2 (3.6)		1 (3.1)		0 (3.0)		398 (3.0)		419 (1.6)		21 (3.5)		17 (3.1)		14 (3.1)	
	Netherlands	509 (16.7)		522 (5.2)		13 (19.0)		13 (17.3)		11 (14.0)		463 (18.2)		526 (4.4)		63 (18.8)		50 (17.3)		6 (13.0)	
	New Zealand	512 (10.3)		501 (2.8)		-11 (11.2)		-3 (7.4)		6 (6.5)		536 (18.1)		501 (2.6)		-35 (18.8)		-33 (14.5)		-31 (12.5)	
	Norway	492 (4.0)		489 (4.3)		-3 (6.1)		-4 (5.3)		-5 (4.9)		486 (4.6)		496 (3.8)		10 (6.5)		7 (5.6)		4 (4.8)	
	Poland	516 (6.4)		518 (4.4)		2 (7.7)		1 (5.5)		0 (4.9)		515 (6.4)		518 (4.4)		3 (7.6)		4 (5.8)		4 (5.1)	
	Portugal	466 (9.9)		490 (3.9)		24 (10.0)		23 (7.1)		23 (6.8)		486 (9.0)		487 (4.9)		1 (11.1)		8 (6.7)		13 (6.2)	
	Slovak Republic	487 (5.6)		471 (7.3)		-16 (10.8)		-8 (7.3)		-1 (6.0)		474 (7.3)		489 (6.6)		15 (11.9)		6 (7.6)		-1 (5.2)	
	Slovenia	512 (1.8)		484 (2.2)		-28 (2.9)		-22 (2.9)		-7 (2.9)		503 (3.4)		503 (1.6)		0 (4.0)		-2 (3.5)		-5 (3.4)	
	Spain	480 (4.6)		486 (2.3)		6 (5.4)		1 (4.1)		-1 (3.8)		479 (3.9)		487 (2.3)		8 (4.7)		6 (3.7)		5 (3.6)	
	Sweden	468 (4.5)		483 (3.0)		15 (5.7)		11 (4.9)		7 (5.0)		472 (5.9)		480 (2.8)		9 (7.0)		4 (5.4)		2 (4.5)	
	Switzerland	535 (4.9)		531 (4.4)		-4 (6.8)		-3 (6.0)		-2 (5.9)		524 (6.7)		536 (4.1)		11 (8.1)		14 (6.7)		16 (5.9)	
	Turkey	459 (14.5)		446 (5.9)		-14 (16.9)		-9 (15.0)		-2 (12.7)		431 (16.3)		451 (5.1)		20 (17.1)		14 (15.1)		3 (13.4)	
	United Kingdom	536 (12.5)		490 (3.9)		-46 (13.5)		-31 (10.9)		-14 (9.1)		490 (10.6)		497 (3.7)		7 (11.7)		3 (7.6)		0 (5.5)	
	United States	498 (11.1)		480 (3.9)		-18 (12.0)		-11 (9.2)		-6 (7.6)		477 (5.5)		486 (5.3)		9 (8.0)		6 (6.2)		2 (5.4)	
OECD average	495 (1.3)		495 (1.0)		0 (1.8)		0 (1.4)		1 (1.2)		489 (1.4)		497 (0.9)		8 (1.8)		6 (1.4)		3 (1.2)		
Partners	Albania	390 (4.4)		395 (2.6)		5 (5.4)		c	c		396 (4.0)		393 (2.5)		-3 (5.0)		c	c		c	
	Argentina	394 (4.3)		382 (5.3)		-12 (6.7)		-10 (5.5)		-7 (5.7)		393 (4.6)		385 (5.6)		-9 (7.6)		-2 (5.7)		6 (4.6)	
	Brazil	387 (6.3)		392 (2.5)		5 (7.2)		6 (5.1)		8 (3.6)		383 (4.1)		395 (2.8)		12 (5.2)		8 (4.6)		3 (4.5)	
	Bulgaria	388 (20.2)		441 (4.1)		54 (21.1)		37 (15.1)		20 (12.4)		448 (12.0)		438 (4.8)		-10 (13.6)		-2 (10.2)		6 (7.9)	
	Colombia	369 (8.6)		379 (3.4)		10 (9.8)		8 (7.8)		6 (7.0)		360 (5.3)		384 (3.4)		24 (6.7)		17 (5.3)		11 (4.9)	
	Costa Rica	412 (4.7)		402 (4.8)		-9 (7.1)		-3 (5.4)		2 (4.9)		408 (5.3)		406 (4.1)		-1 (7.2)		-2 (5.2)		-2 (4.8)	
	Croatia	450 (9.7)		476 (4.4)		26 (11.7)		23 (9.8)		17 (8.7)		468 (7.2)		474 (5.8)		6 (10.8)		1 (8.9)		-7 (6.6)	
	Cyprus*	463 (2.6)		431 (1.2)		-32 (3.0)		-21 (2.9)		-4 (2.9)		444 (1.6)		433 (1.8)		-11 (2.5)		-12 (2.5)		-13 (2.5)	
	Hong Kong-China	564 (15.6)		561 (3.7)		-3 (17.1)		-3 (14.3)		-5 (11.6)		546 (9.6)		565 (4.6)		18 (12.3)		16 (10.7)		9 (10.1)	
	Indonesia	368 (7.5)		376 (4.7)		8 (8.8)		8 (8.0)		8 (8.0)		367 (7.8)		377 (4.6)		10 (9.3)		11 (7.8)		13 (7.0)	
	Jordan	375 (5.3)		390 (4.0)		14 (6.8)		11 (5.6)		7 (5.1)		388 (4.0)		385 (3.8)		-2 (5.2)		-4 (4.5)		-6 (4.4)	
	Kazakhstan	424 (13.4)		432 (3.0)		8 (13.4)		11 (11.5)		13 (9.7)		432 (7.5)		432 (3.4)		0 (8.4)		-2 (7.2)		-5 (6.7)	
	Latvia	488 (5.3)		489 (3.3)		1 (6.2)		0 (5.1)		-1 (5.6)		472 (6.9)		494 (3.2)		23 (7.9)		16 (6.4)		10 (5.7)	
	Liechtenstein	c	c	539 (4.4)		c	c	c	c	c	c	c	c	536 (4.2)		c	c	c	c	c	
	Lithuania	476 (4.8)		483 (4.1)		7 (7.0)		5 (5.6)		2 (4.8)		488 (6.3)		476 (3.3)		-11 (7.6)		-9 (6.0)		-7 (5.8)	
	Macao-China	528 (1.6)		544 (1.2)		16 (2.0)		12 (1.9)		8 (1.9)		525 (2.0)		544 (1.1)		19 (2.3)		16 (2.2)		11 (2.2)	
	Malaysia	412 (5.0)		422 (3.9)		10 (7.0)		5 (5.2)		-2 (4.9)		413 (6.7)		424 (3.6)		10 (7.7)		4 (6.3)		-2 (5.9)	
	Montenegro	c	c	411 (1.1)		c	c	c	c	c	c	433 (1.7)		394 (1.3)		-39 (2.2)		-31 (2.3)		-11 (2.4)	
	Peru	370 (4.3)		364 (7.1)		-6 (8.4)		-3 (5.5)		0 (4.3)		370 (7.0)		367 (4.7)		-3 (8.8)		-3 (5.3)		-3 (4.5)	
	Qatar	406 (2.1)		370 (0.8)		-36 (2.3)		-28 (2.4)		-14 (2.4)		427 (2.3)		369 (0.8)		-58 (2.4)		-52 (2.3)		-41 (2.3)	
	Romania	437 (11.6)		446 (4.1)		9 (12.5)		7 (9.0)		5 (7.3)		444 (9.7)		445 (4.3)		1 (11.0)		3 (7.9)		3 (6.3)	
	Russian Federation	461 (20.0)		483 (3.1)		22 (20.7)		11 (16.0)		3 (13.7)		469 (7.6)		485 (3.6)		16 (8.7)		8 (7.3)		2 (7.3)	
	Serbia	446 (6.8)		451 (6.7)		5 (10.9)		2 (9.1)		-5 (6.9)		444 (6.1)		458 (8.0)		13 (11.8)		9 (9.7)		-2 (6.7)	
	Shanghai-China	611 (10.4)		613 (3.8)		2 (11.8)		-1 (9.4)		-6 (8.9)		599 (20.2)		614 (3.3)		15 (20.9)		-1 (15.2)		-23 (8.8)	
	Singapore	552 (4.9)		576 (1.3)		23 (5.1)		18 (5.5)		8 (5.4)		548 (3.6)		578 (1.4)		30 (3.9)		21 (3.8)		6 (3.7)	
	Chinese Taipei	546 (11.7)		563 (4.6)		17 (13.9)		16 (10.3)		14 (7.3)		574 (6.2)		549 (5.7)		-25 (9.8)		-16 (7.2)		-1 (6.6)	
	Thailand	408 (10.7)		427 (3.5)		19 (11.7)		22 (18.3)		25 (25.7)		421 (7.9)		428 (3.9)		7 (9.0)		7 (7.3)		7 (6.5)	
	Tunisia	383 (6.0)		395 (6.9)		12 (9.8)		11 (8.3)		9 (7.4)		386 (5.2)		390 (8.1)		4 (10.1)		4 (8.5)		5 (7.9)	
	United Arab Emirates	425 (11.1)		436 (2.6)		10 (11.8)		5 (10.6)		-3 (11.3)		451 (6.2)		431 (2.9)		-20 (7.2)					



[Part 4/5]  
**Mathematics performance and quality assurance and school improvement**  
*Results based on school principals' reports*

Table IV.1.18

		Mathematics performance, by whether the school principal reported that the school has the following measures aimed at quality assurance and improvement:																			
		Teacher mentoring								Regular consultation with one or more experts over a period of at least six months with the aim of improving the school											
		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS	
		Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	505 (7.8)	504 (1.8)	-1 (8.5)	-3 (6.9)	-7 (5.9)	510 (3.7)	502 (2.0)	-7 (4.3)	-5 (3.6)	-4 (3.4)										
	Austria	505 (16.1)	508 (3.5)	3 (17.8)	4 (13.9)	5 (12.2)	510 (6.4)	505 (5.4)	-5 (10.2)	-8 (7.7)	-13 (6.2)										
	Belgium	491 (6.9)	527 (3.0)	<b>36</b> (8.6)	<b>30</b> (6.5)	<b>21</b> (5.6)	513 (4.7)	518 (6.8)	4 (10.7)	7 (7.8)	10 (5.1)										
	Canada	526 (4.8)	517 (2.3)	-9 (5.7)	-10 (4.7)	-11 (4.3)	525 (3.3)	516 (2.6)	-10 (4.5)	-12 (3.8)	-13 (3.4)										
	Chile	419 (3.5)	436 (8.0)	18 (9.2)	12 (6.3)	9 (5.7)	419 (3.8)	427 (6.5)	8 (8.1)	6 (5.4)	5 (4.9)										
	Czech Republic	528 (7.9)	497 (3.6)	-30 (8.4)	-32 (8.7)	-35 (16.5)	506 (5.1)	484 (8.4)	-22 (11.6)	-22 (8.8)	-21 (6.3)										
	Denmark	498 (3.7)	501 (3.6)	3 (5.2)	0 (3.6)	-2 (3.4)	497 (4.0)	503 (3.6)	6 (5.5)	5 (3.7)	4 (3.4)										
	Estonia	503 (4.7)	525 (2.3)	<b>21</b> (5.3)	<b>14</b> (5.1)	8 (5.4)	522 (2.9)	517 (3.6)	-4 (4.8)	-6 (4.3)	-7 (4.2)										
	Finland	519 (2.7)	518 (2.5)	-1 (3.4)	-1 (2.9)	-2 (3.0)	519 (2.2)	516 (5.0)	-4 (5.5)	-3 (4.8)	-3 (4.9)										
	France	495 (4.0)	496 (13.5)	1 (15.6)	-6 (11.8)	-12 (9.7)	498 (4.0)	488 (12.6)	-10 (15.0)	-11 (11.1)	-13 (8.3)										
	Germany	514 (5.5)	511 (8.4)	-4 (12.0)	-4 (9.3)	-2 (6.7)	512 (4.3)	522 (11.0)	10 (13.1)	14 (9.3)	<b>17</b> (5.4)										
	Greece	463 (11.6)	451 (2.9)	-13 (12.8)	-8 (9.6)	-4 (8.2)	466 (8.0)	449 (3.5)	-18 (10.1)	-13 (7.0)	-9 (5.5)										
	Hungary	465 (9.4)	482 (4.7)	17 (12.1)	12 (8.1)	7 (6.6)	478 (4.4)	476 (13.1)	-1 (15.4)	-3 (10.3)	-7 (6.9)										
	Iceland	492 (1.8)	501 (4.0)	9 (4.1)	9 (4.3)	8 (4.3)	491 (2.3)	494 (2.5)	2 (3.2)	4 (3.2)	5 (3.3)										
	Ireland	499 (4.4)	505 (3.4)	6 (5.9)	3 (4.2)	-1 (3.6)	507 (4.3)	497 (5.0)	-11 (7.6)	-8 (5.3)	-5 (3.7)										
	Israel	457 (33.3)	467 (4.7)	9 (33.8)	3 (29.5)	-7 (24.3)	479 (8.9)	460 (7.3)	-19 (12.6)	-11 (10.0)	-3 (8.1)										
	Italy	489 (5.7)	487 (2.7)	-2 (6.6)	-1 (5.5)	1 (4.3)	490 (2.8)	481 (5.3)	-9 (6.6)	-8 (5.5)	-7 (4.5)										
	Japan	553 (14.5)	534 (3.9)	-19 (15.6)	-12 (13.5)	3 (10.5)	537 (3.9)	522 (13.0)	-15 (14.2)	-14 (14.2)	-10 (15.0)										
	Korea	539 (15.1)	556 (5.1)	17 (16.6)	16 (13.2)	16 (9.6)	557 (6.6)	555 (6.9)	-2 (10.2)	3 (8.6)	<b>14</b> (6.9)										
	Luxembourg	478 (2.0)	498 (1.3)	<b>19</b> (2.1)	<b>15</b> (2.2)	<b>8</b> (2.1)	494 (1.6)	489 (1.7)	-5 (2.1)	-5 (2.1)	-6 (2.1)										
	Mexico	415 (2.5)	412 (2.5)	-3 (4.1)	-5 (3.2)	-7 (2.7)	411 (2.1)	415 (2.2)	4 (3.4)	-1 (3.0)	-5 (2.9)										
	Netherlands	428 (26.8)	522 (4.4)	<b>94</b> (27.6)	<b>84</b> (24.8)	<b>53</b> (21.7)	526 (7.1)	512 (8.4)	-14 (12.7)	-12 (11.3)	-6 (9.4)										
	New Zealand	483 (24.0)	502 (2.5)	19 (24.5)	10 (14.7)	1 (13.2)	508 (5.4)	498 (3.0)	-9 (6.6)	-5 (4.8)	-2 (4.6)										
	Norway	484 (5.1)	493 (3.4)	9 (6.2)	7 (5.1)	7 (4.6)	493 (4.2)	487 (4.0)	-5 (6.2)	-5 (5.4)	-6 (5.3)										
	Poland	524 (12.1)	516 (3.5)	-8 (11.9)	-15 (8.9)	-19 (7.9)	512 (4.0)	526 (6.3)	<b>14</b> (7.1)	10 (5.4)	7 (5.0)										
	Portugal	473 (9.4)	490 (4.0)	17 (10.2)	12 (7.0)	9 (6.6)	484 (4.8)	492 (8.1)	7 (10.0)	2 (5.9)	-1 (5.0)										
	Slovak Republic	515 (17.2)	476 (4.2)	-39 (19.5)	-30 (11.7)	-21 (8.8)	478 (7.0)	484 (6.5)	6 (11.6)	3 (8.5)	0 (6.6)										
	Slovenia	486 (2.1)	512 (1.8)	<b>26</b> (2.9)	<b>19</b> (3.0)	6 (2.9)	508 (2.0)	499 (2.5)	-9 (3.6)	-6 (3.2)	0 (3.0)										
	Spain	481 (2.4)	492 (4.3)	<b>12</b> (5.4)	4 (3.9)	0 (3.8)	481 (2.6)	492 (3.7)	<b>11</b> (4.9)	4 (3.4)	0 (3.2)										
	Sweden	482 (3.9)	476 (3.0)	-6 (5.0)	-1 (4.1)	2 (4.0)	478 (3.0)	479 (5.5)	1 (7.0)	0 (5.1)	0 (4.4)										
	Switzerland	516 (6.9)	540 (4.4)	<b>23</b> (8.7)	<b>23</b> (8.0)	<b>21</b> (5.9)	535 (3.3)	526 (7.9)	-9 (8.3)	-8 (7.6)	-7 (7.6)										
	Turkey	429 (12.4)	451 (4.7)	21 (11.8)	12 (10.2)	-6 (9.6)	443 (8.9)	451 (6.5)	8 (11.8)	2 (10.2)	-11 (9.0)										
	United Kingdom	501 (10.2)	495 (3.8)	-6 (11.5)	-6 (7.7)	-8 (5.0)	524 (8.2)	487 (4.1)	-38 (8.9)	-26 (7.0)	-12 (6.3)										
	United States	c	c	483 (3.6)	c	c	c	c	500 (7.0)	477 (4.5)	-23 (8.6)	-18 (6.9)	-15 (6.0)								
OECD average	490 (2.0)	497 (0.8)	7 (2.3)	5 (1.8)	1 (1.6)	497 (0.9)	493 (1.1)	-5 (1.6)	-4 (1.2)	-4 (1.0)											
Partners	Albania	398 (5.9)	394 (2.2)	-5 (6.3)	c	c	c	c	388 (3.3)	397 (2.6)	9 (4.4)	c	c	c	c						
	Argentina	385 (5.2)	394 (4.3)	10 (7.0)	7 (5.3)	5 (4.8)	392 (4.4)	387 (5.7)	-6 (7.6)	-4 (5.7)	-3 (5.3)										
	Brazil	391 (10.9)	391 (2.3)	0 (11.2)	3 (7.3)	6 (4.2)	390 (3.5)	393 (3.6)	3 (5.6)	0 (4.1)	-4 (3.3)										
	Bulgaria	435 (8.8)	441 (5.5)	6 (11.6)	6 (8.0)	6 (5.7)	430 (8.5)	445 (5.8)	15 (11.8)	11 (8.3)	7 (6.3)										
	Colombia	372 (5.4)	379 (3.8)	7 (7.0)	4 (5.6)	1 (5.3)	371 (4.9)	382 (4.5)	10 (7.4)	3 (5.8)	-2 (5.2)										
	Costa Rica	402 (3.8)	409 (7.8)	3 (9.3)	1 (6.5)	0 (5.2)	414 (5.0)	399 (4.4)	-15 (7.4)	-7 (5.4)	0 (4.7)										
	Croatia	c	c	471 (3.6)	c	c	c	c	470 (8.1)	473 (5.1)	2 (11.0)	1 (9.1)	-1 (6.9)								
	Cyprus*	416 (4.9)	440 (1.2)	<b>24</b> (5.2)	<b>13</b> (5.1)	-2 (4.9)	454 (1.8)	428 (1.4)	-26 (2.3)	-16 (2.3)	-2 (2.2)										
	Hong Kong-China	567 (15.8)	561 (3.7)	-6 (17.4)	-7 (14.2)	-7 (11.7)	561 (5.2)	564 (6.6)	3 (10.1)	3 (8.6)	4 (8.1)										
	Indonesia	c	c	375 (4.1)	c	c	c	c	369 (6.2)	377 (5.2)	8 (8.2)	3 (7.2)	-2 (7.1)								
	Jordan	374 (6.8)	391 (3.9)	<b>17</b> (8.3)	14 (7.3)	10 (6.8)	381 (5.2)	389 (4.6)	9 (7.5)	6 (6.5)	1 (5.9)										
	Kazakhstan	424 (22.4)	432 (3.1)	9 (22.8)	7 (20.3)	5 (17.6)	441 (9.7)	430 (3.1)	-11 (10.2)	-7 (8.7)	-3 (7.5)										
	Latvia	477 (5.4)	493 (3.5)	<b>16</b> (6.8)	8 (5.6)	1 (5.5)	489 (3.7)	487 (5.0)	-2 (6.8)	-3 (5.3)	-3 (4.9)										
	Liechtenstein	c	c	537 (4.6)	c	c	c	c	500 (6.5)	552 (5.3)	<b>52</b> (8.6)	<b>46</b> (9.1)	8 (10.0)								
	Lithuania	478 (5.2)	480 (3.9)	2 (7.4)	-1 (6.0)	-6 (5.1)	480 (3.3)	478 (4.7)	-2 (6.0)	-4 (4.9)	-7 (4.6)										
	Macao-China	c	c	541 (1.0)	c	c	c	c	534 (1.4)	543 (1.3)	9 (1.9)	3 (2.0)	-5 (2.1)								
	Malaysia	410 (9.9)	422 (3.4)	11 (10.7)	7 (8.1)	2 (6.8)	414 (8.2)	423 (3.4)	9 (8.9)	5 (8.1)	2 (9.1)										
	Montenegro	c	c	410 (1.0)	c	c	c	c	430 (1.9)	402 (1.3)	-28 (2.3)	-20 (2.5)	1 (2.4)								
	Peru	c	c	369 (3.8)	c	c	c	c	370 (4.8)	366 (6.5)	-4 (8.5)	-2 (5.4)	0 (4.2)								
	Qatar	c	c	375 (0.8)	c	c	c	c	396 (2.5)	373 (0.8)	-23 (2.8)	-15 (2.8)	4 (2.8)								
	Romania	444 (14.1)	445 (4.1)	1 (15.3)	1 (11.1)	2 (8.9)	444 (6.9)	445 (5.0)	0 (9.1)	2 (7.0)	3 (6.3)										
	Russian Federation	476 (9.7)	482 (3.1)	7 (10.1)	-5 (9.9)	-14 (10.5)	475 (3.9)	489 (4.5)	<b>14</b> (5.8)	<b>10</b> (5.1)	7 (5.5)										
	Serbia	437 (42.1)	450 (4.0)	12 (42.9)	10 (35.9)	12 (22.3)	450 (6.4)	450 (6.4)	0 (10.1)	1 (8.3)	1 (6.7)										
	Shanghai-China	c	c	614 (3.4)	c	c	c	c	582 (22.5)	615 (3.5)	33 (23.3)	23 (19.2)	7 (15.4)								
	Singapore	c	c	574 (1.3)	c	c	c	c	561 (2.1)	578 (1.7)	<b>17</b> (2.8)	<b>9</b> (2.7)	-4 (2.7)								
	Chinese Taipei	570 (10.4)	553 (5.4)	-17 (13.5)	-14 (9.8)	-10 (6.4)	559 (5.5)	553 (10.1)	-6 (13.2)	-8 (10.2)	-11 (7.6)										
	Thailand	c	c	428 (3.6)	c	c	c	c	431 (15.6)	426 (3.4)	-4 (16.1)	-3 (13.4)	-2 (11.9)								
	Tunisia	400 (13.7)	386 (4.3)	-14 (14.7)	-8 (11.6)	0 (8.8)	389 (4.3)	380 (12.3)	-9 (13.4)	-7 (10.6)	-4 (8.3)										
	United Arab Emirates	411 (7.9)	437 (2.7)	<b>26</b> (8.7)	<b>21</b> (7.9)	14 (8.6)	419 (3.9)	441 (3.1)	<b>22</b> (5.2)	<b>14</b> (4.3)	0 (3.9)										
	Uruguay	427 (7.4)	405 (3.3)	-23 (8.6)	-12 (6.1)	-4 (5.5)	409 (3.6)	411 (9.7)	2 (11.7)	-2 (7.2)	-5 (5.4)										
Viet Nam	c	c	510 (4.7)	c	c	c	c	509 (7.7)	514 (6.6)	5 (10.6)	6 (8.8)	7 (8.4)									

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status of students.

\* See notes at the beginning of this Annex.

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[Part 5/5]


**Mathematics performance and quality assurance and school improvement**Table IV.1.18 *Results based on school principals' reports*

		Mathematics performance, by whether the school principal reported that the school has the following measures aimed at quality assurance and improvement:									
		Implementation of a standardised policy for mathematics (i.e. school curriculum with shared instructional materials accompanied by staff development and training)									
		No		Yes		Performance difference (yes - no)		Performance difference (yes - no) after accounting for student ESCS		Performance difference (yes - no) after accounting for student ESCS and school average ESCS	
		Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	501	(4.3)	506	(2.2)	5	(5.2)	1	(4.3)	-4	(4.0)
	Austria	485	(6.8)	522	(5.0)	<b>37</b>	(10.3)	<b>26</b>	(8.9)	12	(8.2)
	Belgium	510	(4.2)	521	(6.7)	11	(9.9)	7	(7.6)	0	(5.9)
	Canada	519	(4.7)	518	(2.3)	-1	(5.8)	-3	(4.6)	-5	(4.1)
	Chile	414	(5.1)	431	(4.8)	<b>17</b>	(7.7)	<b>13</b>	(5.2)	<b>10</b>	(4.5)
	Czech Republic	488	(16.2)	500	(3.8)	12	(17.2)	11	(12.9)	9	(8.8)
	Denmark	499	(3.3)	505	(4.3)	6	(5.6)	-1	(3.7)	-7	(3.5)
	Estonia	533	(7.2)	519	(2.2)	<b>-14</b>	(7.3)	<b>-13</b>	(6.7)	-12	(6.7)
	Finland	516	(4.0)	521	(2.1)	5	(4.5)	3	(3.9)	0	(3.7)
	France	495	(6.3)	499	(6.8)	4	(11.6)	2	(8.2)	-1	(5.8)
	Germany	496	(7.3)	530	(5.6)	<b>34</b>	(10.8)	<b>27</b>	(8.9)	<b>19</b>	(6.5)
	Greece	444	(5.9)	456	(3.7)	12	(7.8)	7	(5.9)	0	(5.2)
	Hungary	460	(10.7)	485	(5.2)	25	(14.1)	18	(10.2)	11	(7.2)
	Iceland	491	(2.5)	494	(2.3)	3	(3.3)	2	(3.6)	-1	(3.6)
	Ireland	506	(7.5)	501	(3.0)	-5	(8.1)	-4	(6.1)	-4	(4.7)
	Israel	470	(15.2)	469	(5.1)	-2	(15.8)	-11	(12.1)	-16	(8.8)
	Italy	477	(4.0)	495	(3.2)	<b>18</b>	(5.7)	<b>14</b>	(5.0)	6	(4.5)
	Japan	527	(5.0)	552	(8.6)	<b>26</b>	(11.6)	<b>19</b>	(9.5)	3	(6.2)
	Korea	556	(9.2)	555	(6.1)	-1	(11.8)	1	(9.6)	4	(7.0)
	Luxembourg	490	(2.1)	494	(1.4)	3	(2.2)	2	(2.1)	-1	(2.1)
	Mexico	407	(2.4)	416	(1.9)	<b>9</b>	(3.4)	<b>7</b>	(3.0)	5	(2.9)
	Netherlands	529	(7.1)	513	(9.0)	-16	(13.5)	-14	(11.8)	-6	(10.1)
	New Zealand	481	(8.0)	507	(3.1)	<b>26</b>	(9.4)	<b>19</b>	(6.5)	<b>14</b>	(5.3)
	Norway	491	(3.7)	492	(5.3)	1	(6.7)	-3	(5.7)	-9	(4.9)
	Poland	510	(7.1)	519	(4.0)	9	(7.5)	5	(6.0)	2	(6.2)
	Portugal	485	(8.3)	487	(4.6)	2	(9.9)	-1	(6.8)	-3	(6.3)
	Slovak Republic	475	(9.1)	485	(5.8)	9	(13.1)	4	(9.0)	-1	(6.4)
	Slovenia	500	(2.5)	507	(1.6)	7	(3.0)	5	(3.0)	2	(3.0)
	Spain	484	(3.0)	485	(2.8)	2	(4.5)	0	(3.3)	-1	(3.0)
	Sweden	477	(2.8)	481	(4.7)	3	(5.7)	2	(4.7)	1	(4.5)
	Switzerland	541	(5.1)	525	(4.5)	<b>-16</b>	(6.8)	-8	(5.8)	2	(5.5)
	Turkey	437	(9.0)	452	(5.3)	15	(10.1)	11	(9.1)	4	(8.9)
	United Kingdom	513	(8.0)	489	(5.2)	<b>-24</b>	(11.1)	<b>-21</b>	(8.6)	<b>-18</b>	(6.7)
	United States	498	(12.7)	480	(4.1)	-18	(14.3)	-15	(12.2)	-12	(11.1)
OECD average	491	(1.3)	497	(0.8)	<b>6</b>	(1.6)	<b>3</b>	(1.3)	0	(1.1)	
Partners	Albania	390	(6.4)	395	(2.2)	5	(6.8)	c	c	c	c
	Argentina	393	(4.7)	387	(5.0)	-6	(6.9)	-4	(5.2)	-1	(4.7)
	Brazil	387	(4.5)	393	(3.0)	6	(6.1)	3	(4.1)	-2	(3.2)
	Bulgaria	422	(7.3)	455	(5.7)	<b>33</b>	(10.2)	<b>22</b>	(7.6)	12	(6.6)
	Colombia	367	(5.3)	387	(4.3)	<b>21</b>	(7.5)	<b>13</b>	(5.9)	6	(5.3)
	Costa Rica	406	(4.7)	408	(4.8)	2	(7.2)	1	(5.1)	0	(4.4)
	Croatia	459	(8.6)	475	(4.4)	15	(10.4)	11	(8.9)	3	(7.5)
	Cyprus*	450	(4.1)	438	(1.1)	<b>-12</b>	(4.2)	<b>-12</b>	(4.7)	<b>-10</b>	(4.4)
	Hong Kong-China	568	(13.3)	561	(4.0)	-7	(15.3)	-7	(13.7)	-8	(13.8)
	Indonesia	362	(5.5)	377	(4.6)	<b>15</b>	(7.0)	9	(6.5)	2	(6.9)
	Jordan	381	(7.5)	387	(4.0)	7	(9.3)	3	(8.0)	-1	(7.2)
	Kazakhstan	427	(9.9)	432	(3.3)	5	(10.7)	1	(8.7)	-3	(8.2)
	Latvia	488	(3.8)	489	(4.4)	2	(6.0)	1	(4.6)	0	(4.2)
	Liechtenstein	c	c	496	(4.8)	c	c	c	c	c	c
	Lithuania	478	(3.6)	481	(5.9)	4	(7.6)	-2	(6.4)	-10	(5.6)
	Macao-China	538	(1.6)	538	(1.3)	0	(2.1)	-2	(2.0)	<b>-6</b>	(2.1)
	Malaysia	431	(9.6)	421	(3.4)	-10	(10.5)	-4	(9.5)	4	(11.6)
	Montenegro	380	(2.6)	413	(1.1)	<b>33</b>	(2.9)	<b>26</b>	(2.7)	<b>8</b>	(2.8)
	Peru	360	(4.1)	378	(7.4)	<b>18</b>	(8.8)	8	(5.3)	1	(3.7)
	Qatar	415	(5.6)	375	(0.8)	<b>-40</b>	(5.6)	<b>-32</b>	(5.6)	<b>-19</b>	(5.5)
	Romania	446	(10.3)	444	(4.6)	-2	(12.3)	0	(9.1)	1	(7.5)
	Russian Federation	471	(6.5)	484	(3.4)	13	(7.2)	6	(6.0)	1	(6.0)
	Serbia	450	(5.6)	452	(8.3)	2	(11.4)	-1	(9.2)	-9	(6.3)
	Shanghai-China	581	(18.7)	615	(3.4)	33	(19.0)	22	(13.8)	5	(12.1)
	Singapore	570	(4.9)	572	(1.4)	3	(5.2)	0	(7.1)	-4	(12.0)
	Chinese Taipei	557	(6.7)	558	(6.3)	1	(10.5)	-2	(8.3)	-6	(7.0)
	Thailand	398	(7.9)	431	(4.0)	<b>34</b>	(9.6)	<b>26</b>	(8.4)	<b>20</b>	(8.6)
	Tunisia	379	(5.5)	394	(5.9)	15	(8.7)	12	(7.4)	7	(6.8)
	United Arab Emirates	432	(6.4)	436	(3.0)	4	(7.8)	1	(7.0)	-4	(6.7)
	Uruguay	405	(3.8)	423	(8.3)	19	(10.6)	12	(7.3)	7	(6.1)
Viet Nam	505	(20.9)	512	(5.1)	6	(22.2)	1	(15.5)	-3	(11.0)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status of students.

\* See notes at the beginning of this Annex.

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[Part 1/1]

### Change between 2003 and 2012 in mathematics performance and age at which students start primary school

Table IV.1.21 Results based on students' self-reports

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)							
	Mathematics performance, by the age at which students started primary school				Mathematics performance, by the age at which students started primary school				Mathematics performance, by the age at which students started primary school							
	5 years old or younger		6 years old		7 years old		8 years old or older		5 years old or younger		6 years old		7 years old		8 years old or older	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	532 (2.1)	517 (3.3)	494 (10.1)	473 (16.2)	513 (2.0)	502 (2.3)	486 (5.4)	c c	-19 (3.4)	-15 (4.5)	-7 (11.6)	c c			
	Austria	549 (8.4)	521 (3.2)	474 (4.7)	429 (16.0)	542 (8.1)	518 (2.7)	467 (3.7)	394 (16.6)	-8 (11.8)	-3 (4.6)	-7 (6.3)	-35 (23.2)			
	Belgium	556 (3.8)	546 (2.8)	508 (5.6)	425 (18.8)	537 (3.0)	521 (2.3)	482 (6.4)	470 (18.2)	-20 (5.2)	-24 (4.1)	-25 (8.8)	45 (26.2)			
	Canada	537 (1.6)	548 (2.7)	526 (6.8)	471 (18.1)	523 (1.8)	530 (2.6)	515 (5.5)	451 (9.3)	-14 (3.1)	-18 (4.2)	-11 (8.9)	-20 (20.4)			
	Czech Republic	562 (18.3)	541 (3.1)	494 (4.7)	450 (15.2)	551 (15.9)	517 (3.1)	475 (3.8)	392 (11.9)	-11 (24.3)	-24 (4.8)	-19 (6.3)	-58 (19.4)			
	Denmark	533 (9.4)	523 (3.5)	516 (3.1)	488 (7.8)	497 (7.3)	505 (2.9)	506 (2.4)	471 (5.3)	-36 (12.1)	-18 (5.0)	-10 (4.3)	-17 (9.6)			
	Finland	c c	553 (3.0)	544 (2.0)	457 (12.9)	520 (25.8)	530 (2.9)	519 (2.1)	421 (7.9)	c c	-23 (4.6)	-25 (3.5)	-36 (15.2)			
	France	524 (4.3)	516 (2.7)	495 (6.6)	c c	517 (5.1)	499 (2.8)	469 (6.3)	434 (11.2)	-6 (6.9)	-17 (4.4)	-26 (9.3)	c c			
	Germany	559 (13.3)	529 (3.3)	488 (4.0)	398 (11.4)	565 (7.9)	530 (3.1)	486 (4.1)	391 (13.9)	6 (15.6)	1 (5.0)	-3 (6.0)	-7 (18.0)			
	Greece	c c	455 (4.1)	429 (3.5)	c c	461 (8.0)	464 (2.7)	431 (4.3)	406 (10.5)	c c	9 (5.2)	2 (5.9)	c c			
	Hungary	c c	515 (4.2)	483 (2.7)	418 (7.5)	c c	499 (4.1)	471 (3.7)	429 (8.4)	c c	-16 (6.2)	-12 (5.0)	11 (11.4)			
	Iceland	517 (3.3)	516 (1.8)	503 (13.4)	c c	502 (3.3)	495 (2.0)	458 (8.4)	c c	-15 (5.0)	-21 (3.3)	-45 (16.0)	c c			
	Ireland	507 (2.4)	486 (7.4)	c c	c c	505 (2.1)	485 (7.5)	c c	c c	-1 (3.8)	-1 (10.7)	c c	c c			
	Italy	480 (4.7)	468 (3.0)	418 (11.2)	c c	508 (3.1)	486 (1.9)	447 (4.8)	432 (12.2)	27 (6.0)	19 (4.0)	28 (12.3)	c c			
	Japan	m m	m m	m m	m m	c c	538 (3.6)	c c	c c	m m	m m	m m	m m			
	Korea	535 (17.6)	545 (3.3)	514 (6.8)	c c	573 (20.0)	579 (5.3)	543 (4.9)	490 (8.2)	38 (26.7)	34 (6.5)	29 (8.6)	c c			
	Luxembourg	493 (4.6)	508 (1.7)	473 (3.4)	453 (12.1)	518 (6.0)	504 (1.6)	461 (2.3)	437 (7.1)	25 (7.8)	-4 (3.0)	-11 (4.5)	-17 (14.1)			
	Mexico	414 (4.1)	392 (4.2)	365 (5.3)	323 (17.3)	430 (2.6)	418 (1.3)	395 (2.5)	357 (5.2)	17 (5.2)	25 (4.8)	30 (6.1)	34 (18.2)			
	Netherlands	551 (4.9)	551 (3.5)	527 (5.2)	495 (14.5)	536 (6.3)	531 (3.3)	503 (5.3)	465 (12.5)	-15 (8.2)	-20 (5.2)	-24 (7.7)	-30 (19.2)			
	New Zealand	527 (2.3)	514 (8.0)	527 (12.1)	c c	504 (2.4)	490 (6.5)	485 (11.5)	433 (19.5)	-23 (3.8)	-24 (10.5)	-42 (16.8)	c c			
	Norway	485 (7.1)	493 (3.3)	504 (2.6)	c c	500 (3.5)	490 (3.1)	462 (6.8)	407 (16.2)	15 (8.1)	-2 (4.9)	-42 (7.5)	c c			
Poland	c c	489 (7.0)	495 (2.4)	453 (7.3)	c c	c c	517 (3.4)	c c	c c	c c	22 (4.6)	c c				
Portugal	483 (4.0)	473 (3.4)	443 (6.1)	c c	503 (4.8)	495 (3.7)	453 (7.0)	449 (12.3)	20 (6.5)	22 (5.4)	10 (9.5)	c c				
Slovak Republic	517 (11.8)	510 (3.4)	477 (4.3)	430 (18.2)	503 (12.7)	496 (4.1)	460 (4.5)	385 (17.1)	-14 (17.4)	-15 (5.7)	-17 (6.5)	-45 (25.1)				
Spain	497 (4.1)	487 (2.4)	459 (7.4)	c c	489 (2.5)	489 (2.1)	429 (6.8)	c c	-8 (5.2)	2 (3.7)	-30 (10.2)	c c				
Sweden	536 (9.7)	510 (4.5)	517 (2.7)	437 (14.0)	472 (13.4)	484 (3.6)	484 (2.4)	423 (8.9)	-65 (16.7)	-27 (6.1)	-32 (4.1)	-14 (16.7)				
Switzerland	546 (6.2)	548 (5.6)	524 (3.2)	474 (8.9)	535 (4.2)	551 (3.7)	524 (3.6)	455 (5.9)	-10 (7.7)	2 (7.0)	0 (5.2)	-19 (10.8)				
Turkey	c c	440 (11.2)	425 (7.7)	370 (8.8)	425 (15.5)	453 (6.0)	453 (5.1)	416 (5.9)	c c	13 (12.8)	27 (9.5)	46 (10.7)				
United States	492 (2.8)	488 (3.7)	478 (7.1)	416 (13.3)	483 (4.0)	491 (4.2)	469 (4.0)	420 (11.1)	-10 (5.3)	3 (5.9)	-9 (8.4)	4 (17.4)				
OECD average 2003	519 (1.7)	506 (0.9)	485 (1.2)	437 (3.2)	508 (1.9)	503 (0.7)	476 (1.0)	427 (2.5)	-5 (2.4)	-5 (1.2)	-9 (1.6)	-10 (4.5)				
Partners	Brazil	354 (7.9)	383 (6.4)	364 (4.9)	303 (7.5)	385 (3.1)	409 (3.5)	399 (2.1)	371 (2.6)	31 (8.7)	26 (7.5)	35 (5.7)	68 (8.2)			
	Hong Kong-China	560 (6.4)	564 (4.3)	526 (4.9)	477 (11.3)	566 (5.4)	570 (3.3)	552 (5.1)	487 (10.1)	6 (8.6)	6 (5.8)	26 (7.3)	10 (15.2)			
	Indonesia	374 (6.1)	371 (5.1)	351 (3.5)	327 (8.7)	394 (7.4)	382 (4.8)	367 (3.9)	336 (7.0)	20 (9.8)	11 (7.2)	16 (5.6)	10 (11.4)			
	Latvia	514 (15.2)	494 (4.6)	483 (3.6)	438 (6.9)	450 (14.6)	507 (3.9)	491 (2.7)	424 (8.8)	-64 (21.2)	13 (6.3)	8 (4.9)	-14 (11.4)			
	Liechtenstein	c c	558 (7.6)	528 (6.4)	c c	c c	542 (7.8)	535 (7.5)	c c	c c	-15 (11.0)	6 (10.0)	c c			
	Macao-China	537 (8.4)	538 (4.3)	528 (7.0)	486 (15.8)	546 (3.7)	551 (1.6)	530 (2.9)	498 (7.2)	9 (9.4)	13 (5.0)	2 (7.8)	13 (17.5)			
	Russian Federation	c c	478 (5.2)	469 (4.5)	424 (6.5)	515 (21.3)	496 (3.5)	477 (3.3)	424 (10.4)	c c	18 (6.6)	8 (5.9)	0 (12.4)			
	Thailand	495 (22.7)	431 (4.4)	413 (3.1)	386 (14.4)	439 (8.9)	429 (3.7)	420 (6.9)	c c	-56 (24.5)	-2 (6.1)	7 (7.8)	c c			
	Tunisia	389 (5.5)	361 (2.6)	331 (6.4)	c c	403 (5.3)	389 (4.0)	366 (6.9)	c c	14 (7.9)	28 (5.1)	35 (9.7)	c c			
	Uruguay	433 (4.4)	426 (3.2)	391 (7.8)	347 (20.9)	427 (4.4)	414 (3.0)	385 (8.5)	c c	-6 (6.5)	-12 (4.8)	-5 (11.7)	c c			

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957384>




[Part 1/3]

## Change between 2003 and 2012 in mathematics performance and grade repetition

Table IV.1.22 Results based on students' self-reports

		PISA 2003																	
		Mathematics performance, by whether students repeated a grade in:																	
		Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary and upper secondary school								
		Never		Once or more	Never		Once or more	Never		Once or more	Never		Once or more	Never		Once or more	Difference between never and once or more (never - once or more)		
		Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	532 (2.1)	461 (6.7)	<b>70</b> (6.2)	533 (2.1)	460 (8.8)	<b>73</b> (9.3)	563 (3.0)	c c	c c	c c	532 (2.1)	462 (5.9)	<b>70</b> (5.5)					
	Austria	516 (3.0)	410 (11.8)	<b>106</b> (12.1)	515 (3.1)	457 (11.2)	<b>58</b> (11.4)	519 (3.2)	502 (6.3)	<b>17</b> (7.4)	516 (3.1)	458 (8.7)	<b>58</b> (9.0)						
	Belgium	564 (2.1)	419 (3.5)	<b>145</b> (3.8)	556 (2.3)	473 (6.4)	<b>83</b> (6.4)	560 (2.3)	502 (4.5)	<b>58</b> (4.7)	569 (2.0)	455 (3.8)	<b>114</b> (4.0)						
	Canada	544 (1.6)	441 (3.9)	<b>103</b> (4.1)	545 (1.6)	459 (4.2)	<b>86</b> (4.2)	551 (1.7)	464 (8.7)	<b>87</b> (8.7)	547 (1.6)	454 (3.2)	<b>93</b> (3.4)						
	Czech Republic	526 (3.1)	418 (11.9)	<b>108</b> (11.8)	528 (3.1)	412 (15.8)	<b>116</b> (15.0)	c c	c c	c c	526 (3.0)	416 (10.0)	<b>110</b> (9.4)						
	Denmark	520 (2.7)	427 (10.1)	<b>93</b> (10.0)	521 (2.7)	446 (24.1)	<b>75</b> (24.4)	585 (18.6)	c c	c c	c c	520 (2.7)	430 (10.2)	<b>90</b> (10.1)					
	Finland	548 (1.8)	432 (8.0)	<b>116</b> (7.9)	547 (1.8)	c c	c c	c c	c c	c c	548 (1.8)	438 (6.9)	<b>110</b> (6.8)						
	France	539 (2.3)	417 (4.4)	<b>122</b> (4.7)	545 (2.7)	462 (4.1)	<b>83</b> (4.8)	c c	c c	c c	c c	553 (2.7)	449 (3.9)	<b>104</b> (4.6)					
	Germany	527 (3.2)	407 (6.9)	<b>120</b> (7.5)	526 (3.5)	474 (4.4)	<b>52</b> (5.0)	c c	c c	c c	c c	528 (3.4)	450 (4.7)	<b>79</b> (4.9)					
	Greece	452 (3.8)	351 (14.9)	<b>101</b> (15.1)	454 (3.8)	347 (7.8)	<b>108</b> (8.6)	460 (4.0)	386 (13.5)	<b>74</b> (13.2)	453 (3.8)	352 (6.8)	<b>101</b> (7.4)						
	Hungary	498 (2.9)	388 (8.3)	<b>111</b> (9.2)	498 (2.9)	406 (8.3)	<b>92</b> (8.3)	503 (3.0)	462 (7.6)	<b>41</b> (7.4)	499 (3.0)	417 (5.4)	<b>81</b> (5.9)						
	Iceland	516 (1.4)	c c	c c	516 (1.5)	c c	c c	c c	c c	c c	516 (1.4)	c c	c c						
	Ireland	513 (2.4)	453 (4.6)	<b>60</b> (4.4)	513 (2.4)	426 (16.9)	<b>87</b> (16.9)	532 (3.8)	c c	c c	c c	513 (2.4)	452 (4.5)	<b>61</b> (4.4)					
	Italy	476 (2.8)	322 (25.6)	<b>153</b> (25.8)	477 (2.8)	381 (9.3)	<b>97</b> (8.9)	478 (2.8)	416 (4.8)	<b>62</b> (4.3)	478 (2.8)	397 (5.9)	<b>81</b> (5.5)						
	Japan	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c					
	Korea	543 (3.2)	c c	c c	544 (3.2)	c c	c c	544 (3.3)	c c	c c	c c	543 (3.2)	c c	c c					
	Luxembourg	516 (1.3)	411 (3.4)	<b>105</b> (3.8)	517 (1.4)	473 (2.5)	<b>45</b> (3.0)	556 (2.3)	c c	c c	c c	522 (1.4)	451 (1.8)	<b>71</b> (2.5)					
	Mexico	408 (3.3)	325 (4.3)	<b>83</b> (4.2)	409 (3.2)	363 (6.2)	<b>46</b> (5.8)	429 (1.9)	399 (10.3)	<b>30</b> (10.2)	408 (3.4)	336 (4.2)	<b>72</b> (4.1)						
	Netherlands	561 (2.7)	483 (4.4)	<b>78</b> (4.9)	555 (2.7)	528 (6.5)	<b>27</b> (5.8)	c c	c c	c c	c c	562 (2.8)	498 (4.3)	<b>64</b> (4.2)					
	New Zealand	530 (2.1)	463 (8.4)	<b>67</b> (8.8)	531 (2.1)	434 (16.6)	<b>96</b> (16.2)	534 (2.2)	c c	c c	c c	529 (2.2)	452 (8.0)	<b>77</b> (8.2)					
	Norway	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c	c c					
Poland	495 (2.2)	347 (10.1)	<b>149</b> (9.6)	495 (2.2)	373 (11.5)	<b>123</b> (11.1)	c c	c c	c c	c c	496 (2.2)	362 (8.8)	<b>134</b> (8.5)						
Portugal	497 (2.3)	377 (3.1)	<b>120</b> (3.4)	497 (2.4)	397 (3.7)	<b>100</b> (4.1)	508 (2.2)	c c	c c	c c	500 (2.3)	391 (3.0)	<b>109</b> (3.3)						
Slovak Republic	503 (3.1)	352 (15.0)	<b>151</b> (15.3)	504 (3.1)	355 (11.1)	<b>149</b> (11.5)	c c	c c	c c	c c	503 (3.1)	358 (10.9)	<b>145</b> (11.1)						
Spain	493 (2.3)	375 (5.2)	<b>118</b> (5.6)	506 (2.6)	425 (2.7)	<b>81</b> (3.2)	c c	c c	c c	c c	512 (2.5)	421 (2.8)	<b>92</b> (3.2)						
Sweden	513 (2.4)	440 (11.7)	<b>73</b> (11.6)	514 (2.3)	456 (21.6)	<b>58</b> (21.7)	566 (15.3)	c c	c c	c c	513 (2.4)	444 (11.8)	<b>69</b> (11.7)						
Switzerland	546 (3.2)	437 (3.6)	<b>109</b> (4.7)	543 (3.5)	501 (5.1)	<b>42</b> (4.8)	582 (12.4)	c c	c c	c c	546 (3.4)	461 (3.2)	<b>85</b> (3.9)						
Turkey	439 (7.1)	323 (6.4)	<b>115</b> (9.1)	444 (7.2)	341 (10.8)	<b>103</b> (12.4)	450 (7.4)	378 (4.2)	<b>72</b> (7.6)	439 (7.2)	355 (5.0)	<b>85</b> (8.0)							
United States	495 (2.7)	403 (5.4)	<b>92</b> (5.1)	494 (2.7)	390 (6.8)	<b>104</b> (7.0)	502 (2.8)	c c	c c	c c	496 (2.7)	403 (4.1)	<b>93</b> (4.0)						
OECD average 2003	511 (0.6)	403 (1.9)	<b>107</b> (1.9)	512 (0.6)	427 (2.3)	<b>83</b> (2.3)	523 (1.7)	439 (2.9)	<b>55</b> (3.0)	514 (0.6)	422 (1.3)	<b>90</b> (1.3)							
Partners	Brazil	385 (5.4)	292 (5.4)	<b>93</b> (6.9)	389 (5.1)	317 (4.6)	<b>72</b> (6.0)	410 (5.2)	395 (13.1)	15 (14.3)	384 (5.2)	307 (4.2)	<b>77</b> (5.4)						
	Hong Kong-China	563 (4.4)	483 (5.2)	<b>80</b> (5.2)	561 (4.3)	492 (10.7)	<b>69</b> (9.5)	577 (4.4)	c c	c c	c c	564 (4.4)	488 (5.3)	<b>76</b> (4.4)					
	Indonesia	370 (4.1)	314 (4.4)	<b>57</b> (5.5)	376 (4.3)	324 (13.1)	<b>51</b> (12.6)	404 (8.3)	c c	c c	c c	370 (4.1)	315 (4.4)	<b>55</b> (5.4)					
	Latvia	491 (3.8)	390 (6.5)	<b>101</b> (7.5)	491 (3.8)	404 (13.9)	<b>87</b> (14.0)	533 (7.6)	c c	c c	c c	491 (3.8)	394 (6.1)	<b>97</b> (7.0)					
	Liechtenstein	546 (5.2)	c c	c c	542 (5.1)	514 (12.1)	<b>27</b> (13.6)	c c	c c	c c	546 (5.3)	490 (10.0)	<b>56</b> (11.9)						
	Macao-China	556 (3.7)	483 (5.6)	<b>72</b> (7.1)	557 (3.8)	492 (5.3)	<b>65</b> (6.4)	583 (7.2)	c c	c c	c c	563 (3.8)	491 (3.8)	<b>72</b> (5.4)					
	Russian Federation	472 (4.2)	383 (10.7)	<b>89</b> (11.3)	474 (4.2)	400 (13.3)	<b>74</b> (13.7)	c c	c c	c c	472 (4.3)	392 (8.6)	<b>80</b> (9.2)						
	Thailand	418 (3.0)	c c	c c	419 (3.0)	378 (14.1)	<b>41</b> (14.1)	443 (4.3)	c c	c c	c c	419 (3.0)	366 (13.4)	<b>53</b> (13.8)					
	Tunisia	412 (4.4)	315 (1.9)	<b>98</b> (4.6)	403 (4.1)	328 (3.1)	<b>74</b> (4.8)	426 (4.8)	c c	c c	c c	417 (4.7)	324 (2.1)	<b>93</b> (5.0)					
	Uruguay	452 (3.1)	329 (3.4)	<b>123</b> (4.8)	454 (2.9)	354 (2.9)	<b>100</b> (3.8)	467 (3.0)	434 (12.4)	<b>32</b> (13.3)	460 (2.9)	348 (2.4)	<b>112</b> (3.6)						

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957384>




[Part 2/3]

## Change between 2003 and 2012 in mathematics performance and grade repetition

Table IV.1.22 Results based on students' self-reports

		PISA 2012																							
		Mathematics performance, by whether students repeated a grade in:																							
		Primary school						Lower secondary school						Upper secondary school						Primary, lower secondary and upper secondary school					
		Never		Once or more		Difference between never and once or more (never - once or more)	Never		Once or more		Difference between never and once or more (never - once or more)	Never		Once or more		Difference between never and once or more (never - once or more)	Never		Once or more		Difference between never and once or more (never - once or more)				
		Mean score	S.E.	Mean score	S.E.		Score dif.	S.E.	Mean score	S.E.		Score dif.	S.E.	Mean score	S.E.		Mean score	S.E.	Score dif.	S.E.		Mean score	S.E.	Mean score	S.E.
OECD	Australia	510 (1.7)		454 (3.5)		<b>56</b> (3.8)		510 (1.7)		439 (8.5)		<b>71</b> (8.3)		511 (1.7)		c c		c c		510 (1.7)		453 (3.5)		<b>57</b> (5.5)	
	Austria	512 (2.7)		416 (8.7)		<b>96</b> (9.0)		511 (2.6)		455 (7.5)		<b>56</b> (7.7)		514 (2.8)		470 (7.2)		<b>44</b> (7.5)		514 (2.8)		447 (5.4)		<b>67</b> (9.0)	
	Belgium	544 (2.0)		428 (3.7)		<b>115</b> (3.9)		539 (2.1)		439 (3.5)		<b>101</b> (3.8)		536 (2.2)		488 (4.0)		<b>48</b> (4.0)		554 (2.0)		449 (2.9)		<b>105</b> (4.0)	
	Canada	525 (1.9)		441 (4.8)		<b>84</b> (4.8)		525 (1.9)		452 (3.9)		<b>73</b> (4.3)		524 (1.9)		447 (10.8)		<b>77</b> (10.8)		526 (1.9)		450 (3.6)		<b>76</b> (3.4)	
	Czech Republic	504 (2.8)		353 (12.6)		<b>150</b> (12.3)		506 (2.6)		382 (8.0)		<b>124</b> (7.5)		c c		c c		c c		506 (2.7)		372 (7.2)		<b>134</b> (9.4)	
	Denmark	505 (2.1)		423 (6.8)		<b>82</b> (6.7)		504 (2.1)		429 (12.2)		<b>75</b> (12.1)		504 (2.1)		c c		c c		505 (2.1)		425 (6.3)		<b>80</b> (10.1)	
	Finland	524 (1.8)		413 (6.4)		<b>111</b> (6.5)		522 (1.9)		412 (13.5)		<b>110</b> (13.3)		c c		c c		c c		524 (1.8)		412 (6.3)		<b>112</b> (6.8)	
	France	524 (2.8)		386 (4.3)		<b>138</b> (4.6)		521 (2.7)		425 (4.5)		<b>95</b> (4.9)		519 (2.6)		435 (14.5)		84 (14.6)		532 (3.0)		407 (3.6)		<b>125</b> (4.6)	
	Germany	534 (2.9)		416 (5.4)		<b>118</b> (5.8)		533 (3.0)		474 (4.7)		<b>59</b> (5.3)		c c		c c		c c		535 (3.0)		450 (4.3)		<b>85</b> (4.9)	
	Greece	458 (2.5)		338 (11.4)		<b>120</b> (11.8)		459 (2.4)		345 (7.1)		<b>114</b> (7.6)		c c		c c		c c		458 (2.4)		346 (6.3)		<b>112</b> (7.4)	
	Hungary	487 (3.4)		358 (9.3)		<b>128</b> (10.2)		486 (3.3)		388 (10.5)		<b>98</b> (11.2)		489 (3.5)		411 (6.5)		<b>78</b> (7.2)		489 (3.4)		384 (8.0)		<b>105</b> (5.9)	
	Iceland	495 (1.7)		c c		c c		495 (1.7)		c c		c c		c c		c c		c c		495 (1.7)		430 (15.9)		65 c	
	Ireland	506 (2.2)		456 (4.6)		<b>51</b> (4.3)		506 (2.2)		435 (15.1)		<b>71</b> (14.9)		508 (2.3)		c c		c c		506 (2.2)		455 (4.8)		<b>52</b> (4.4)	
	Italy	496 (2.0)		392 (7.9)		<b>104</b> (7.8)		498 (2.0)		395 (3.4)		<b>103</b> (3.9)		498 (2.0)		437 (2.9)		<b>61</b> (3.0)		500 (2.0)		420 (2.3)		<b>80</b> (5.5)	
	Japan	c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		c c	
	Korea	555 (4.5)		530 (9.3)		25 (7.9)		556 (4.5)		530 (10.0)		25 (8.7)		556 (4.7)		532 (11.2)		25 (10.3)		555 (4.5)		526 (9.9)		29 c	
	Luxembourg	517 (1.2)		405 (2.5)		<b>112</b> (2.7)		511 (1.3)		444 (2.4)		<b>67</b> (2.7)		506 (1.3)		409 (10.9)		97 (11.2)		525 (1.3)		426 (1.8)		<b>98</b> (2.5)	
	Mexico	424 (1.3)		351 (2.1)		<b>73</b> (2.4)		422 (1.3)		374 (4.4)		<b>48</b> (4.6)		429 (1.5)		378 (5.7)		<b>50</b> (5.7)		424 (1.4)		358 (2.0)		<b>66</b> (4.1)	
	Netherlands	541 (3.2)		459 (5.1)		<b>82</b> (5.3)		529 (3.5)		518 (6.9)		<b>12</b> (6.9)		531 (3.5)		487 (22.8)		44 (22.4)		542 (3.3)		477 (5.0)		<b>65</b> (4.2)	
	New Zealand	504 (2.3)		445 (7.4)		<b>59</b> (7.6)		505 (2.3)		408 (12.8)		<b>97</b> (12.7)		505 (2.4)		404 (18.9)		101 (19.3)		505 (2.3)		444 (6.4)		<b>61</b> (8.2)	
Norway	c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		c c		
Poland	522 (3.6)		390 (9.5)		<b>132</b> (10.1)		523 (3.5)		417 (6.8)		<b>106</b> (7.4)		c c		c c		c c		522 (3.6)		411 (6.4)		<b>112</b> (8.5)		
Portugal	526 (2.7)		396 (3.2)		<b>130</b> (3.5)		525 (2.9)		421 (3.6)		<b>103</b> (4.0)		533 (2.9)		c c		c c		530 (2.7)		411 (3.1)		<b>120</b> (3.3)		
Slovak Republic	493 (3.4)		345 (7.6)		<b>147</b> (8.4)		496 (3.3)		360 (9.2)		<b>136</b> (9.7)		500 (3.6)		c c		c c		493 (3.4)		352 (6.5)		<b>141</b> (11.1)		
Spain	506 (1.7)		392 (2.3)		<b>114</b> (2.0)		514 (1.7)		419 (2.0)		<b>95</b> (1.9)		c c		c c		c c		519 (1.7)		417 (1.8)		<b>102</b> (3.2)		
Sweden	484 (2.1)		386 (6.4)		<b>98</b> (6.6)		484 (2.1)		377 (11.8)		<b>107</b> (12.0)		486 (2.3)		c c		c c		485 (2.1)		380 (5.6)		<b>104</b> (11.7)		
Switzerland	547 (3.0)		440 (3.3)		<b>107</b> (4.3)		542 (3.1)		500 (4.3)		<b>42</b> (5.1)		543 (3.3)		496 (15.1)		47 (15.6)		548 (3.1)		466 (2.8)		<b>82</b> (3.9)		
Turkey	459 (5.0)		348 (7.5)		<b>112</b> (9.3)		c c		c c		c c		464 (5.3)		383 (2.9)		<b>81</b> (5.9)		460 (5.2)		378 (2.8)		<b>82</b> (8.0)		
United States	493 (3.4)		419 (5.1)		<b>74</b> (5.2)		491 (3.5)		431 (7.3)		<b>59</b> (7.1)		491 (3.5)		444 (9.7)		47 (9.6)		494 (3.3)		417 (5.1)		<b>77</b> (4.0)		
OECD average 2003	507 (0.5)		407 (1.3)		<b>101</b> (1.4)		508 (0.5)		427 (1.6)		<b>82</b> (1.7)		507 (0.7)		444 (3.1)		<b>63</b> (3.2)		509 (0.5)		421 (1.1)		<b>89</b> (1.3)		
Partners	Brazil	412 (2.3)		334 (2.2)		<b>78</b> (2.9)		411 (2.3)		358 (2.0)		<b>54</b> (3.1)		411 (2.3)		379 (2.9)		<b>32</b> (3.2)		415 (2.4)		353 (1.6)		<b>63</b> (5.4)	
	Hong Kong-China	571 (3.2)		496 (5.6)		<b>75</b> (5.2)		569 (3.2)		503 (7.8)		<b>67</b> (8.0)		567 (3.3)		c c		c c		574 (3.2)		501 (5.2)		<b>73</b> (4.4)	
	Indonesia	382 (4.2)		341 (5.3)		<b>41</b> (5.4)		384 (4.1)		359 (5.6)		<b>25</b> (4.8)		392 (5.8)		374 (12.4)		18 (9.8)		382 (4.1)		341 (5.3)		<b>41</b> (5.4)	
	Latvia	500 (2.8)		386 (7.3)		<b>114</b> (7.9)		500 (2.7)		414 (8.8)		<b>86</b> (8.9)		503 (3.2)		c c		c c		500 (2.8)		397 (6.4)		<b>103</b> (7.0)	
	Liechtenstein	544 (4.2)		461 (17.0)		83 (17.9)		545 (4.3)		c c		c c		548 (4.9)		c c		c c		546 (4.4)		485 (11.3)		<b>62</b> (11.9)	
	Macao-China	565 (1.3)		468 (2.4)		<b>98</b> (2.8)		567 (1.3)		490 (2.1)		<b>77</b> (2.6)		557 (1.2)		c c		c c		576 (1.4)		486 (1.6)		<b>90</b> (5.4)	
	Russian Federation	485 (2.9)		387 (12.9)		<b>98</b> (12.6)		486 (2.9)		408 (14.4)		<b>78</b> (14.6)		c c		c c		c c		485 (3.0)		395 (10.7)		<b>90</b> (9.2)	
	Thailand	428 (3.4)		398 (13.4)		30 (12.3)		428 (3.4)		392 (11.4)		<b>37</b> (11.5)		431 (3.7)		c c		c c		428 (3.4)		398 (8.8)		<b>30</b> (13.8)	
	Tunisia	411 (3.9)		317 (3.7)		<b>94</b> (5.1)		416 (4.1)		339 (3.1)		<b>77</b> (5.1)		414 (4.2)		377 (8.3)		<b>37</b> (8.4)		422 (4.2)		336 (2.9)		<b>86</b> (5.0)	
	Uruguay	441 (2.7)		330 (3.3)		<b>111</b> (3.8)		443 (2.8)		357 (3.0)		<b>86</b> (3.5)		443 (2.6)		338 (12.6)		<b>106</b> (12.5)		447 (2.8)		349 (2.7)		<b>98</b> (3.6)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>




[Part 3/3]

## Change between 2003 and 2012 in mathematics performance and grade repetition

Table IV.1.22 Results based on students' self-reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																
		Mathematics performance, by whether students repeated a grade in:																
		Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary and upper secondary school							
		Never		Once or more	Never		Once or more	Never		Once or more	Never		Once or more	Never		Once or more		
		Score dif.		Difference between never and once or more (never - once or more)	Score dif.		Difference between never and once or more (never - once or more)	Score dif.		Difference between never and once or more (never - once or more)	Score dif.		Difference between never and once or more (never - once or more)	Score dif.		Difference between never and once or more (never - once or more)		
		S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.	S.E.		
OECD	Australia	-22 (3.3)	-8 (7.8)	-14 (7.1)	-23 (3.3)	-21 (12.4)	-2 (12.5)	-52 (4.0)	c	c	c	c	-22 (3.3)	-9 (7.1)	-13 (6.7)			
	Austria	-4 (4.5)	6 (14.8)	-10 (15.2)	-4 (4.5)	-2 (13.6)	-2 (15.1)	-6 (4.7)	-33 (9.7)	27 (10.2)	-2 (4.6)	-11 (10.4)	9 (11.1)					
	Belgium	-20 (3.5)	10 (5.4)	-30 (5.2)	-17 (3.6)	-34 (7.6)	18 (7.6)	-24 (3.7)	-14 (6.3)	-10 (6.4)	-15 (3.4)	-6 (5.1)	-9 (5.5)					
	Canada	-20 (3.1)	-1 (6.4)	-19 (6.5)	-20 (3.1)	-7 (6.1)	-13 (5.3)	-27 (3.2)	-17 (14.0)	-10 (12.7)	-20 (3.1)	-3 (5.2)	-17 (5.1)					
	Czech Republic	-22 (4.5)	-65 (17.4)	42 (19.3)	-21 (4.4)	-29 (17.8)	8 (17.8)	c	c	c	c	c	c	-21 (4.5)	-45 (12.5)	24 (12.6)		
	Denmark	-15 (3.9)	-4 (12.4)	-11 (10.8)	-17 (3.9)	-17 (27.1)	1 (28.1)	-81 (18.8)	c	c	c	c	c	-15 (3.9)	-5 (12.1)	-10 (10.7)		
	Finland	-24 (3.2)	-19 (10.5)	-4 (9.5)	-25 (3.3)	c	c	c	c	c	c	c	c	-24 (3.2)	-26 (9.6)	3 (8.2)		
	France	-15 (4.1)	-31 (6.4)	16 (6.2)	-25 (4.3)	-37 (6.4)	12 (6.6)	c	c	c	c	c	c	-22 (4.5)	-42 (5.7)	21 (5.9)		
	Germany	7 (4.7)	9 (8.9)	-2 (10.0)	7 (5.0)	0 (6.8)	7 (7.9)	c	c	c	c	c	c	7 (4.9)	1 (6.6)	6 (7.6)		
	Greece	5 (5.0)	-13 (18.8)	18 (17.2)	4 (4.9)	-2 (10.7)	6 (11.5)	c	c	c	c	c	c	5 (4.9)	-6 (9.5)	11 (10.4)		
	Hungary	-12 (4.9)	-29 (12.6)	18 (14.3)	-12 (4.8)	-18 (13.6)	6 (13.7)	-14 (5.0)	-51 (10.2)	37 (9.9)	-10 (4.9)	-33 (9.8)	24 (11.1)					
	Iceland	-21 (2.9)	c	c	c	c	c	c	c	c	c	c	c	-21 (3.0)	c	c		
	Ireland	-7 (3.7)	3 (6.8)	-10 (6.1)	-7 (3.8)	9 (22.7)	-16 (22.4)	-24 (4.9)	c	c	c	c	c	-7 (3.8)	3 (6.9)	-10 (6.2)		
	Italy	20 (4.0)	69 (26.8)	-50 (26.2)	21 (3.9)	15 (10.1)	6 (9.9)	20 (3.9)	22 (5.9)	-2 (5.6)	21 (4.0)	22 (6.6)	-1 (6.1)					
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c		
	Korea	12 (5.9)	c	c	12 (5.9)	c	c	13 (6.0)	c	c	c	c	c	12 (5.9)	c	c		
	Luxembourg	0 (2.6)	-6 (4.7)	6 (4.3)	-7 (2.8)	-29 (3.9)	23 (3.8)	-50 (3.3)	c	c	c	c	c	3 (2.7)	-25 (3.2)	28 (2.9)		
	Mexico	16 (4.1)	26 (5.1)	-10 (4.5)	13 (4.0)	11 (7.9)	2 (7.3)	0 (3.1)	-21 (12.0)	20 (11.8)	16 (4.1)	22 (5.0)	-6 (4.4)					
	Netherlands	-20 (4.6)	-24 (7.0)	4 (6.7)	-26 (4.9)	-10 (9.7)	-16 (8.9)	c	c	c	c	c	c	-20 (4.7)	-20 (6.9)	0 (6.0)		
	New Zealand	-25 (3.7)	-17 (11.4)	-8 (11.7)	-25 (3.7)	-27 (21.1)	1 (19.4)	-29 (3.8)	c	c	c	c	c	-25 (3.7)	-8 (10.5)	-17 (10.2)		
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c		
	Poland	26 (4.6)	44 (14.0)	-17 (14.9)	28 (4.6)	44 (13.5)	-17 (13.5)	c	c	c	c	c	c	26 (4.6)	49 (11.1)	-22 (11.6)		
	Portugal	29 (4.0)	19 (4.9)	10 (5.2)	28 (4.2)	25 (5.5)	3 (5.4)	25 (4.1)	c	c	c	c	c	30 (4.0)	19 (4.7)	11 (4.6)		
	Slovak Republic	-10 (5.0)	-7 (16.9)	-3 (17.3)	-8 (4.9)	5 (14.6)	-13 (15.1)	c	c	c	c	c	c	-9 (5.0)	-6 (12.8)	-4 (13.4)		
	Spain	13 (3.5)	17 (6.0)	-4 (6.2)	8 (3.6)	-6 (3.9)	14 (3.5)	c	c	c	c	c	c	7 (3.6)	-3 (3.8)	10 (3.3)		
	Sweden	-29 (3.7)	-54 (13.4)	25 (13.9)	-29 (3.7)	-79 (24.7)	50 (24.1)	-80 (15.6)	c	c	c	c	c	-28 (3.7)	-64 (13.2)	35 (13.6)		
	Switzerland	1 (4.8)	3 (5.3)	-2 (6.8)	-1 (5.1)	-1 (7.0)	0 (8.0)	-39 (13.0)	c	c	c	c	c	2 (5.0)	5 (4.7)	-3 (6.1)		
	Turkey	21 (8.9)	25 (10.0)	-4 (11.9)	c	c	c	c	14 (9.3)	5 (5.5)	9 (9.2)	21 (9.1)	23 (6.0)	-2 (9.5)				
United States	-2 (4.7)	15 (7.7)	-17 (7.4)	-3 (4.8)	41 (10.2)	-44 (10.5)	-10 (4.9)	c	c	c	c	c	-2 (4.7)	15 (6.8)	-17 (6.9)			
	OECD average 2003	-4 (0.9)	-1 (2.4)	-3 (2.4)	-7 (0.8)	-7 (2.9)	1 (2.9)	-21 (1.9)	-16 (3.6)	10 (3.7)	-4 (0.9)	-6 (1.7)	2 (1.7)					
Partners	Brazil	27 (6.2)	42 (6.2)	-15 (7.5)	22 (5.9)	40 (5.4)	-18 (7.1)	1 (6.0)	-17 (13.6)	18 (15.1)	32 (6.0)	46 (4.9)	-14 (6.2)					
	Hong Kong-China	8 (5.8)	13 (7.9)	-5 (7.2)	8 (5.7)	11 (13.4)	-3 (11.6)	-10 (5.8)	c	c	c	c	11 (5.8)	14 (7.7)	-3 (6.4)			
	Indonesia	12 (6.2)	27 (7.1)	-15 (7.2)	8 (6.3)	35 (14.4)	-26 (13.9)	-11 (10.4)	c	c	c	c	12 (6.1)	26 (7.1)	-15 (6.9)			
	Latvia	9 (5.1)	-4 (10.0)	13 (9.9)	9 (5.0)	10 (16.6)	-1 (15.4)	-30 (8.4)	c	c	c	c	9 (5.1)	3 (9.1)	6 (8.8)			
	Liechtenstein	-2 (7.0)	c	c	3 (7.0)	c	c	c	c	c	c	c	0 (7.1)	-5 (15.2)	5 (18.4)			
	Macao-China	10 (4.4)	-16 (6.4)	25 (7.5)	10 (4.5)	-3 (6.0)	13 (7.1)	-27 (7.5)	c	c	c	c	13 (4.5)	-5 (4.5)	18 (5.7)			
	Russian Federation	13 (5.5)	4 (16.8)	9 (17.6)	12 (5.4)	8 (19.7)	4 (22.7)	c	c	c	c	c	13 (5.6)	3 (13.8)	10 (14.3)			
	Thailand	10 (4.9)	c	c	9 (4.9)	13 (18.2)	-4 (18.6)	-13 (6.0)	c	c	c	c	9 (4.9)	33 (16.2)	-24 (16.7)			
	Tunisia	-1 (6.2)	2 (4.6)	-3 (7.2)	13 (6.1)	10 (4.8)	3 (6.6)	-12 (6.6)	c	c	c	c	5 (6.6)	12 (4.1)	-7 (7.0)			
	Uruguay	-11 (4.5)	0 (5.1)	-12 (6.1)	-11 (4.5)	3 (4.6)	-14 (5.1)	-24 (4.4)	-97 (17.8)	73 (18.4)	-13 (4.5)	1 (4.1)	-14 (4.9)					


Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>



[Part 1/3]

**Change between 2003 and 2012 in mathematics performance and students' grade level**Table IV.1.23 *Results based on students' self-reports*

		PISA 2003															
		Mathematics performance, by students in:								Mathematics performance, by students enrolled in:							
		Grades below the modal grade		The modal grade		Grades above the modal grade		Performance difference (modal - below modal)		Performance difference (above modal - modal)		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Performance difference (ISCED 3 - ISCED 2)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	464 (4.4)		522 (2.5)		560 (2.9)		<b>58</b> (4.5)		<b>38</b> (3.2)		516 (2.4)		560 (2.9)		<b>44</b> (3.2)	
	Austria	491 (3.8)		520 (4.3)		c c		<b>29</b> (4.9)		c c		399 (9.2)		512 (3.0)		<b>113</b> (9.4)	
	Belgium	446 (3.8)		571 (2.1)		640 (10.8)		<b>125</b> (4.3)		<b>69</b> (10.8)		374 (6.9)		537 (2.3)		<b>162</b> (7.0)	
	Canada	480 (3.5)		546 (1.7)		581 (8.1)		<b>66</b> (3.8)		<b>35</b> (8.3)		480 (3.5)		546 (1.7)		<b>67</b> (3.8)	
	Czech Republic	496 (5.3)		535 (3.8)		c c		<b>39</b> (6.2)		c c		495 (5.3)		537 (3.8)		<b>42</b> (6.3)	
	Denmark	451 (6.0)		519 (2.9)		561 (12.3)		<b>68</b> (6.2)		<b>42</b> (12.6)		513 (2.7)		583 (17.7)		<b>70</b> (17.8)	
	Finland	497 (4.6)		551 (1.9)		c c		<b>54</b> (4.6)		c c		544 (1.9)		c c		c c	
	France	446 (4.2)		553 (2.7)		612 (8.8)		<b>107</b> (4.8)		<b>59</b> (8.1)		446 (4.2)		555 (2.8)		<b>109</b> (4.9)	
	Germany	413 (4.7)		505 (3.1)		567 (3.6)		<b>92</b> (4.6)		<b>62</b> (3.6)		503 (3.3)		498 (9.8)		-5 (9.7)	
	Greece	371 (7.3)		450 (4.3)		465 (5.2)		<b>78</b> (8.3)		<b>15</b> (5.0)		371 (7.3)		452 (4.0)		<b>81</b> (8.1)	
	Hungary	392 (7.2)		485 (3.2)		521 (3.6)		<b>94</b> (7.7)		<b>36</b> (3.0)		392 (7.2)		496 (3.0)		<b>104</b> (7.6)	
	Iceland	c c		515 (1.4)		c c		c c		c c		515 (1.4)		c c		c c	
	Ireland	407 (9.5)		492 (3.0)		528 (3.9)		<b>85</b> (9.9)		<b>36</b> (4.5)		489 (3.0)		528 (3.9)		<b>39</b> (4.6)	
	Italy	398 (5.6)		478 (2.9)		486 (8.6)		<b>79</b> (5.2)		<b>8</b> (8.3)		321 (29.6)		468 (3.0)		<b>147</b> (29.6)	
	Japan	c c		534 (4.0)		c c		c c		c c		c c		534 (4.0)		c c	
	Korea	532 (12.3)		542 (3.3)		c c		10 (13.0)		c c		532 (12.3)		542 (3.3)		10 (13.0)	
	Luxembourg	444 (3.1)		474 (1.5)		554 (2.3)		<b>30</b> (3.7)		<b>80</b> (2.9)		468 (1.3)		554 (2.3)		<b>87</b> (2.8)	
	Mexico	355 (6.3)		421 (2.1)		460 (8.5)		<b>66</b> (6.3)		<b>39</b> (8.7)		357 (6.1)		422 (2.1)		<b>66</b> (6.1)	
	Netherlands	500 (4.0)		575 (2.9)		c c		<b>74</b> (4.1)		c c		506 (3.7)		631 (2.9)		<b>124</b> (4.6)	
	New Zealand	455 (6.2)		526 (2.3)		582 (8.0)		<b>71</b> (6.3)		<b>56</b> (7.8)		455 (6.2)		528 (2.3)		<b>73</b> (6.3)	
Norway	c c		495 (2.4)		c c		c c		c c		495 (2.4)		c c		c c		
Poland	366 (9.3)		495 (2.2)		c c		<b>128</b> (8.8)		c c		490 (2.5)		c c		c c		
Portugal	393 (3.2)		504 (2.1)		c c		<b>111</b> (3.8)		c c		393 (3.2)		505 (2.1)		<b>112</b> (3.7)		
Slovak Republic	483 (5.3)		507 (4.6)		643 (11.5)		<b>23</b> (7.2)		<b>136</b> (12.3)		475 (5.5)		511 (4.5)		<b>37</b> (7.4)		
Spain	420 (2.8)		513 (2.4)		c c		<b>93</b> (3.2)		c c		485 (2.4)		c c		c c		
Sweden	406 (8.6)		509 (2.2)		563 (17.2)		<b>103</b> (8.5)		<b>54</b> (17.2)		506 (2.3)		566 (16.1)		<b>59</b> (16.1)		
Switzerland	448 (4.2)		535 (3.4)		571 (11.8)		<b>87</b> (4.5)		<b>35</b> (10.9)		517 (3.3)		576 (15.0)		<b>60</b> (14.2)		
Turkey	354 (11.9)		428 (8.9)		433 (6.3)		<b>74</b> (12.3)		<b>5</b> (8.0)		312 (13.9)		430 (6.8)		<b>118</b> (15.2)		
United States	451 (4.0)		497 (3.0)		507 (7.2)		<b>46</b> (3.8)		<b>10</b> (7.5)		451 (4.0)		498 (2.8)		<b>47</b> (3.8)		
OECD average 2003	437 (1.2)		510 (0.6)		546 (2.0)		<b>73</b> (1.3)		<b>45</b> (2.1)		457 (1.5)		524 (1.4)		<b>77</b> (2.3)		
Partners	Brazil	293 (4.0)		383 (4.3)		424 (6.5)		<b>91</b> (5.7)		<b>41</b> (4.9)		293 (4.0)		396 (4.6)		<b>103</b> (6.1)	
	Hong Kong-China	516 (4.9)		575 (4.6)		c c		<b>60</b> (3.7)		c c		516 (4.9)		575 (4.6)		<b>60</b> (3.7)	
	Indonesia	313 (4.7)		348 (3.7)		396 (7.8)		<b>35</b> (4.5)		<b>48</b> (8.4)		340 (3.6)		396 (7.8)		<b>56</b> (8.3)	
	Latvia	426 (4.1)		491 (3.5)		537 (7.7)		<b>65</b> (4.1)		<b>45</b> (6.4)		479 (3.4)		537 (7.7)		<b>58</b> (6.5)	
	Liechtenstein	465 (8.5)		546 (4.6)		c c		<b>81</b> (9.3)		c c		529 (4.2)		c c		c c	
	Macao-China	473 (4.7)		546 (4.9)		583 (6.6)		<b>73</b> (7.0)		<b>37</b> (8.5)		509 (3.3)		583 (6.6)		<b>75</b> (7.6)	
	Russian Federation	443 (3.7)		480 (5.7)		527 (13.9)		<b>37</b> (5.5)		<b>48</b> (14.1)		443 (3.8)		480 (5.7)		<b>38</b> (5.5)	
	Thailand	394 (3.9)		434 (3.6)		523 (15.8)		<b>40</b> (4.4)		<b>89</b> (16.3)		394 (3.9)		436 (3.6)		<b>42</b> (4.4)	
	Tunisia	321 (2.3)		420 (4.3)		443 (9.8)		<b>99</b> (4.7)		<b>23</b> (8.0)		321 (2.3)		422 (4.5)		<b>101</b> (4.9)	
	Uruguay	345 (3.1)		458 (3.0)		489 (5.4)		<b>113</b> (4.3)		<b>31</b> (5.6)		345 (3.1)		461 (2.9)		<b>116</b> (4.2)	


Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>

[Part 2/3]

**Change between 2003 and 2012 in mathematics performance and students' grade level**  
*Results based on students' self-reports*

Table IV.1.23

		PISA 2012															
		Mathematics performance, by students in:								Mathematics performance, by students enrolled in:							
		Grades below the modal grade		The modal grade		Grades above the modal grade		Performance difference (modal - below modal)		Performance difference (above modal - modal)		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Performance difference (ISCED 3 - ISCED 2)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	467	(5.2)	503	(1.9)	528	(2.7)	<b>36</b>	(5.3)	<b>25</b>	(3.0)	499	(1.8)	529	(2.7)	<b>30</b>	(3.2)
	Austria	482	(3.2)	528	(3.1)	c	c	<b>46</b>	(3.9)	c	c	405	(9.8)	512	(2.6)	<b>106</b>	(9.4)
	Belgium	450	(2.8)	560	(2.0)	587	(11.3)	<b>110</b>	(3.1)	<b>27</b>	(11.5)	392	(5.0)	529	(1.9)	<b>137</b>	(7.0)
	Canada	481	(2.9)	524	(2.0)	578	(8.2)	<b>43</b>	(3.3)	<b>55</b>	(8.3)	481	(2.9)	524	(2.0)	<b>44</b>	(3.8)
	Czech Republic	368	(7.5)	491	(3.7)	523	(3.7)	<b>123</b>	(7.2)	<b>31</b>	(5.1)	480	(4.1)	523	(3.7)	<b>44</b>	(6.3)
	Denmark	461	(3.7)	509	(2.2)	535	(17.0)	<b>48</b>	(3.7)	27	(17.1)	500	(2.3)	534	(41.9)	34	(17.8)
	Finland	463	(4.9)	528	(1.7)	c	c	<b>65</b>	(4.6)	c	c	518	(1.9)	c	c	c	c
	France	402	(3.7)	531	(2.7)	592	(13.2)	<b>129</b>	(4.3)	<b>61</b>	(11.8)	402	(3.7)	534	(3.0)	<b>132</b>	(4.9)
	Germany	416	(4.2)	499	(3.3)	561	(3.5)	<b>83</b>	(4.8)	<b>62</b>	(3.8)	513	(2.9)	523	(16.3)	9	(9.7)
	Greece	358	(7.1)	458	(2.6)	c	c	<b>101</b>	(7.6)	c	c	358	(7.1)	458	(2.6)	<b>101</b>	(8.1)
	Hungary	389	(8.5)	480	(3.6)	517	(4.1)	<b>91</b>	(9.5)	<b>37</b>	(3.3)	389	(8.5)	489	(3.5)	<b>99</b>	(7.6)
	Iceland	c	c	493	(1.7)	c	c	c	c	c	c	493	(1.7)	c	c	c	c
	Ireland	445	(10.6)	495	(2.3)	515	(3.2)	<b>50</b>	(10.3)	<b>20</b>	(2.9)	493	(2.4)	515	(3.2)	<b>22</b>	(4.6)
	Italy	425	(2.8)	499	(2.1)	522	(6.3)	<b>74</b>	(3.2)	<b>23</b>	(6.2)	362	(7.5)	488	(2.0)	<b>126</b>	(29.6)
	Japan	c	c	536	(3.6)	c	c	c	c	c	c	c	c	536	(3.6)	c	c
	Korea	520	(11.2)	556	(4.8)	c	c	<b>36</b>	(12.2)	c	c	520	(11.2)	556	(4.8)	<b>36</b>	(13.0)
	Luxembourg	415	(2.4)	460	(1.3)	550	(1.6)	<b>46</b>	(2.5)	<b>89</b>	(1.8)	450	(1.3)	549	(1.6)	<b>99</b>	(2.8)
	Mexico	385	(2.6)	429	(1.8)	455	(6.9)	<b>44</b>	(3.5)	<b>26</b>	(7.2)	385	(2.6)	430	(1.8)	<b>45</b>	(6.1)
	Netherlands	436	(8.4)	495	(4.1)	556	(3.5)	<b>59</b>	(9.5)	<b>62</b>	(3.9)	488	(3.4)	605	(3.3)	<b>116</b>	(4.6)
	New Zealand	455	(7.1)	501	(2.3)	536	(9.4)	<b>46</b>	(7.2)	<b>36</b>	(9.5)	455	(7.1)	503	(2.3)	<b>48</b>	(6.3)
	Norway	c	c	490	(2.8)	c	c	c	c	c	c	489	(2.7)	c	c	c	c
	Poland	411	(5.7)	522	(3.4)	c	c	<b>111</b>	(6.2)	c	c	517	(3.4)	c	c	c	c
	Portugal	441	(3.8)	536	(2.9)	c	c	<b>94</b>	(4.6)	c	c	427	(3.7)	536	(2.9)	<b>109</b>	(3.7)
	Slovak Republic	456	(4.8)	501	(5.4)	597	(14.1)	<b>45</b>	(7.3)	<b>96</b>	(13.7)	455	(4.8)	504	(5.2)	<b>49</b>	(7.4)
	Spain	417	(2.1)	519	(1.8)	c	c	<b>101</b>	(2.1)	c	c	484	(1.9)	c	c	c	c
	Sweden	372	(5.7)	480	(2.2)	564	(13.8)	<b>109</b>	(6.1)	<b>84</b>	(14.1)	476	(2.2)	564	(14.0)	<b>88</b>	(16.1)
	Switzerland	444	(3.9)	530	(2.6)	578	(6.1)	<b>86</b>	(4.3)	<b>47</b>	(6.5)	515	(2.8)	584	(5.9)	<b>69</b>	(14.2)
Turkey	396	(4.6)	471	(5.4)	468	(7.4)	<b>75</b>	(5.8)	-3	(6.6)	368	(10.9)	450	(4.9)	<b>82</b>	(15.2)	
United States	406	(5.6)	487	(3.5)	509	(5.0)	<b>81</b>	(5.9)	<b>22</b>	(4.1)	406	(5.6)	492	(3.4)	<b>86</b>	(3.8)	
OECD average 2003	429	(1.1)	504	(0.6)	541	(2.0)	<b>74</b>	(1.2)	<b>44</b>	(2.0)	454	(1.0)	519	(2.1)	<b>74</b>	(2.3)	
Partners	Brazil	363	(1.8)	425	(2.8)	439	(5.5)	<b>62</b>	(2.8)	<b>14</b>	(5.2)	333	(2.2)	406	(2.3)	<b>73</b>	(6.1)
	Hong Kong-China	526	(3.5)	578	(2.9)	c	c	<b>51</b>	(3.2)	c	c	526	(3.5)	579	(3.2)	<b>52</b>	(3.7)
	Indonesia	354	(3.9)	395	(6.4)	394	(6.7)	<b>41</b>	(7.6)	-1	(7.2)	354	(3.9)	395	(6.1)	<b>41</b>	(8.3)
	Latvia	425	(4.6)	502	(2.8)	556	(9.1)	<b>77</b>	(4.8)	<b>54</b>	(9.0)	488	(2.7)	543	(11.0)	<b>55</b>	(6.5)
	Liechtenstein	459	(10.0)	542	(4.7)	c	c	<b>83</b>	(11.2)	c	c	522	(4.2)	c	c	c	c
	Macao-China	500	(1.3)	584	(1.5)	c	c	<b>83</b>	(2.0)	c	c	500	(1.3)	584	(1.5)	<b>84</b>	(7.6)
	Russian Federation	434	(5.9)	482	(3.3)	506	(5.1)	<b>48</b>	(5.4)	<b>23</b>	(5.1)	477	(3.3)	506	(5.1)	<b>29</b>	(5.5)
	Thailand	416	(6.8)	428	(3.7)	461	(11.7)	12	(7.1)	<b>32</b>	(11.8)	416	(6.8)	430	(3.6)	<b>13</b>	(4.4)
	Tunisia	332	(3.0)	419	(4.3)	443	(5.9)	<b>87</b>	(5.4)	<b>25</b>	(4.9)	332	(3.0)	421	(4.2)	<b>89</b>	(4.9)
	Uruguay	352	(4.5)	449	(2.8)	501	(10.7)	<b>96</b>	(5.1)	<b>52</b>	(11.1)	352	(4.5)	450	(2.7)	<b>97</b>	(4.2)


Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>



[Part 3/3]

**Change between 2003 and 2012 in mathematics performance and students' grade level**Table IV.1.23 *Results based on students' self-reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)															
		Mathematics performance, by students in:								Mathematics performance, by students enrolled in:							
		Grades below the modal grade		The modal grade	Grades above the modal grade		Performance difference (modal - below modal)		Performance difference (above modal - modal)		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Performance difference (ISCED 3 - ISCED 2)		
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.		
OECD	Australia	3	(7.1)	<b>-19</b>	(3.7)	<b>-32</b>	(4.4)	<b>-22</b>	(7.1)	<b>-13</b>	(4.3)	<b>-17</b>	(3.5)	<b>-31</b>	(4.4)	<b>-14</b>	(4.4)
	Austria	-9	(5.3)	8	(5.7)	c	c	17	(6.2)	c	c	7	(13.5)	0	(4.4)	-7	(14.6)
	Belgium	3	(5.1)	<b>-12</b>	(3.5)	<b>-53</b>	(15.7)	<b>-15</b>	(5.7)	<b>-41</b>	(15.8)	17	(8.7)	<b>-8</b>	(3.5)	<b>-25</b>	(8.9)
	Canada	1	(4.9)	<b>-22</b>	(3.3)	-3	(11.7)	<b>-23</b>	(5.0)	20	(11.6)	1	(4.9)	<b>-22</b>	(3.3)	<b>-23</b>	(4.9)
	Czech Republic	<b>-128</b>	(9.4)	<b>-44</b>	(5.7)	c	c	<b>84</b>	(10.4)	c	c	<b>-15</b>	(7.0)	<b>-13</b>	(5.7)	1	(7.5)
	Denmark	10	(7.3)	<b>-10</b>	(4.1)	-26	(21.1)	<b>-20</b>	(7.4)	-15	(21.0)	<b>-13</b>	(4.1)	-48	(45.5)	-35	(45.6)
	Finland	<b>-33</b>	(7.0)	<b>-23</b>	(3.2)	c	c	10	(6.0)	c	c	<b>-26</b>	(3.3)	c	c	c	c
	France	<b>-43</b>	(5.9)	<b>-22</b>	(4.3)	-20	(16.0)	<b>22</b>	(6.2)	2	(14.7)	<b>-43</b>	(5.9)	<b>-21</b>	(4.5)	<b>23</b>	(6.3)
	Germany	3	(6.6)	-6	(4.9)	-6	(5.4)	-9	(6.9)	0	(5.6)	<b>10</b>	(4.8)	25	(19.1)	14	(17.6)
	Greece	-14	(10.4)	9	(5.4)	c	c	22	(11.7)	c	c	-14	(10.4)	6	(5.2)	20	(11.5)
	Hungary	-3	(11.3)	-6	(5.2)	-4	(5.8)	-3	(12.1)	2	(4.3)	-3	(11.3)	-8	(5.0)	-5	(12.0)
	Iceland	c	c	<b>-22</b>	(2.9)	c	c	c	c	c	c	<b>-22</b>	(2.9)	c	c	c	c
	Ireland	<b>38</b>	(14.3)	2	(4.2)	<b>-13</b>	(5.4)	<b>-36</b>	(14.1)	<b>-15</b>	(5.3)	5	(4.3)	<b>-13</b>	(5.4)	<b>-17</b>	(5.4)
	Italy	<b>26</b>	(6.5)	<b>21</b>	(4.0)	<b>36</b>	(10.8)	-6	(6.3)	15	(9.3)	42	(30.6)	<b>20</b>	(4.1)	-22	(31.1)
	Japan	c	c	2	(5.7)	c	c	c	c	c	c	c	c	2	(5.7)	c	c
	Korea	-13	(16.8)	<b>14</b>	(6.1)	c	c	26	(16.6)	c	c	-13	(16.8)	<b>14</b>	(6.1)	26	(16.6)
	Luxembourg	<b>-29</b>	(4.4)	<b>-14</b>	(2.8)	-4	(3.4)	<b>16</b>	(4.5)	<b>9</b>	(3.5)	<b>-17</b>	(2.6)	-5	(3.4)	<b>12</b>	(3.5)
	Mexico	<b>30</b>	(7.0)	<b>8</b>	(3.4)	-5	(11.1)	<b>-22</b>	(6.7)	-13	(11.3)	<b>28</b>	(6.9)	<b>8</b>	(3.4)	<b>-21</b>	(6.5)
	Netherlands	<b>-64</b>	(9.4)	<b>-80</b>	(5.4)	c	c	-16	(9.5)	c	c	<b>-18</b>	(5.4)	<b>-26</b>	(4.8)	-8	(6.3)
	New Zealand	-1	(9.6)	<b>-25</b>	(3.8)	<b>-46</b>	(12.5)	<b>-25</b>	(9.0)	-20	(11.3)	-1	(9.6)	<b>-26</b>	(3.8)	<b>-25</b>	(9.1)
Norway	c	c	-6	(4.1)	c	c	c	c	c	c	-6	(4.1)	c	c	c	c	
Poland	<b>45</b>	(11.1)	<b>27</b>	(4.5)	c	c	-18	(11.0)	c	c	<b>27</b>	(4.6)	c	c	c	c	
Portugal	<b>48</b>	(5.3)	<b>31</b>	(4.1)	c	c	<b>-17</b>	(6.0)	c	c	<b>33</b>	(5.3)	<b>31</b>	(4.1)	-3	(5.6)	
Slovak Republic	<b>-27</b>	(7.4)	-6	(7.4)	<b>-46</b>	(18.3)	<b>21</b>	(9.5)	<b>-40</b>	(20.5)	<b>-20</b>	(7.6)	-7	(7.2)	12	(9.6)	
Spain	-3	(4.0)	5	(3.6)	c	c	<b>8</b>	(3.6)	c	c	-1	(3.6)	c	c	c	c	
Sweden	<b>-34</b>	(10.5)	<b>-29</b>	(3.7)	2	(22.1)	6	(10.3)	30	(22.2)	<b>-30</b>	(3.7)	-1	(21.4)	29	(21.5)	
Switzerland	-4	(6.1)	-5	(4.7)	7	(13.4)	-1	(5.3)	12	(13.9)	-2	(4.7)	8	(16.2)	9	(15.6)	
Turkey	<b>42</b>	(12.9)	<b>43</b>	(10.6)	<b>36</b>	(9.9)	1	(13.4)	-7	(10.0)	<b>56</b>	(17.7)	<b>21</b>	(8.6)	-36	(18.6)	
United States	<b>-45</b>	(7.2)	-10	(5.0)	2	(9.0)	<b>36</b>	(6.8)	11	(8.7)	<b>-45</b>	(7.2)	-6	(4.9)	<b>39</b>	(6.7)	
OECD average 2003	<b>-8</b>	(1.7)	<b>-7</b>	(0.9)	<b>-10</b>	(3.1)	1	(1.8)	<b>-4</b>	(3.1)	<b>-3</b>	(1.8)	<b>-4</b>	(2.5)	<b>-2</b>	(3.3)	
Partners	Brazil	<b>71</b>	(4.8)	<b>42</b>	(5.5)	15	(8.7)	<b>-29</b>	(6.2)	<b>-27</b>	(7.0)	<b>41</b>	(5.0)	11	(5.5)	<b>-30</b>	(7.1)
	Hong Kong-China	11	(6.3)	2	(5.8)	c	c	-8	(4.7)	c	c	11	(6.3)	4	(5.9)	-7	(4.8)
	Indonesia	<b>41</b>	(6.5)	<b>46</b>	(7.6)	-2	(10.4)	5	(8.7)	<b>-48</b>	(11.2)	<b>14</b>	(5.7)	-1	(10.0)	-15	(10.2)
	Latvia	-1	(6.4)	<b>10</b>	(4.9)	20	(12.1)	12	(6.1)	9	(10.6)	<b>9</b>	(4.8)	7	(13.6)	-3	(12.3)
	Liechtenstein	-7	(13.2)	-5	(6.9)	c	c	2	(13.8)	c	c	-7	(6.2)	c	c	c	c
	Macao-China	<b>28</b>	(5.2)	<b>38</b>	(5.4)	c	c	10	(7.4)	c	c	<b>-8</b>	(4.0)	1	(7.0)	9	(8.0)
	Russian Federation	-9	(7.3)	3	(6.8)	-22	(15.0)	11	(7.9)	-24	(14.1)	<b>34</b>	(5.4)	<b>25</b>	(7.9)	-9	(7.6)
	Thailand	<b>22</b>	(8.1)	-5	(5.5)	<b>-63</b>	(19.8)	<b>-28</b>	(8.4)	<b>-57</b>	(20.3)	<b>22</b>	(8.1)	-7	(5.4)	<b>-29</b>	(8.4)
	Tunisia	<b>11</b>	(4.2)	-1	(6.3)	0	(11.6)	-12	(6.9)	1	(9.8)	<b>11</b>	(4.2)	0	(6.4)	-11	(6.9)
	Uruguay	7	(5.8)	<b>-9</b>	(4.5)	12	(12.1)	<b>-17</b>	(6.4)	22	(12.5)	7	(5.8)	<b>-12</b>	(4.4)	<b>-19</b>	(6.4)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>

[Part 1/1]


## Change between 2003 and 2012 in mathematics performance and ability grouping in mathematics classes

Table IV.1.24 Results based on school principals' reports

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)					
	Mathematics performance, by use of ability grouping in mathematics classes				Mathematics performance, by use of ability grouping in mathematics classes				Mathematics performance, by use of ability grouping in mathematics classes					
	No ability grouping for any class		One form of grouping for some classes		No ability grouping for any class		One form of grouping for some classes		No ability grouping for any class		One form of grouping for some classes		One form of grouping for some classes	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.
<b>OECD</b>														
Australia	529 (13.7)	524 (4.0)	524 (3.2)	0 (5.7)	538 (28.5)	502 (2.9)	506 (2.5)	-3 (4.3)	9 (31.7)	-22 (5.3)	-19 (4.5)	-3 (7.0)		
Austria	531 (3.5)	461 (12.8)	437 (5.8)	<b>83</b> (6.8)	529 (3.7)	467 (11.8)	435 (11.2)	<b>84</b> (11.2)	-2 (5.4)	6 (17.6)	-2 (12.7)	1 (12.6)		
Belgium	507 (7.7)	540 (4.8)	543 (8.1)	-15 (10.1)	521 (9.1)	522 (4.8)	497 (10.4)	25 (13.1)	15 (12.0)	-18 (7.1)	-46 (13.3)	<b>40</b> (16.9)		
Canada	522 (7.8)	532 (2.7)	533 (2.9)	-1 (4.0)	518 (6.8)	519 (2.7)	517 (3.4)	3 (4.5)	-4 (10.5)	-13 (4.3)	-16 (4.8)	4 (6.0)		
Czech Republic	517 (5.1)	525 (7.0)	493 (12.2)	<b>27</b> (13.1)	506 (5.5)	495 (8.4)	464 (16.0)	<b>38</b> (17.3)	-11 (7.7)	-30 (11.1)	-29 (20.2)	12 (20.2)		
Denmark	509 (4.7)	517 (5.1)	517 (4.9)	-5 (5.8)	505 (4.7)	497 (3.2)	508 (8.1)	-9 (8.5)	-4 (6.9)	-21 (6.3)	-9 (9.6)	-4 (10.1)		
Finland	544 (2.9)	545 (2.8)	545 (4.4)	-1 (5.2)	523 (2.7)	517 (2.5)	513 (6.0)	6 (5.9)	-21 (4.4)	-28 (4.3)	-32 (7.7)	7 (8.1)		
France	w	w	w	w	509 (6.1)	480 (8.8)	489 (11.1)	8 (13.7)	m	m	m	m	m	m
Germany	525 (6.3)	497 (11.8)	464 (8.2)	<b>53</b> (10.8)	543 (6.8)	523 (8.3)	482 (7.4)	<b>51</b> (9.1)	18 (9.5)	26 (14.6)	18 (11.2)	-2 (13.9)		
Greece	442 (4.6)	458 (14.6)	437 (16.4)	8 (17.3)	459 (3.0)	421 (10.2)	444 (21.3)	10 (22.6)	<b>16</b> (5.8)	-37 (17.9)	7 (26.9)	2 (29.2)		
Hungary	474 (6.4)	509 (7.8)	488 (11.7)	3 (14.9)	470 (8.5)	499 (10.6)	467 (6.2)	20 (10.5)	-4 (10.8)	-9 (13.3)	-21 (13.4)	17 (18.1)		
Iceland	505 (3.8)	517 (3.7)	518 (1.8)	-6 (3.4)	497 (4.8)	497 (2.5)	489 (2.3)	7 (3.1)	-9 (6.4)	-20 (4.9)	-28 (3.5)	<b>14</b> (4.9)		
Ireland	495 (19.2)	502 (6.1)	504 (3.4)	-3 (7.2)	c	c	498 (4.5)	506 (3.9)	-8 (6.6)	c	-4 (7.8)	1 (5.5)	-5 (9.3)	
Italy	472 (6.7)	480 (5.8)	435 (8.6)	<b>42</b> (10.4)	501 (6.2)	489 (2.9)	471 (5.5)	<b>22</b> (6.6)	<b>28</b> (9.3)	9 (6.8)	<b>37</b> (10.4)	-20 (12.8)		
Japan	550 (7.0)	514 (9.2)	519 (14.8)	18 (17.0)	548 (7.7)	528 (5.9)	534 (12.1)	3 (13.4)	-2 (10.6)	14 (11.1)	15 (19.2)	-15 (21.5)		
Korea	535 (10.3)	542 (4.6)	563 (11.2)	-22 (12.1)	546 (27.4)	549 (7.0)	562 (6.6)	-14 (10.2)	10 (29.3)	6 (8.6)	-1 (13.1)	9 (16.4)		
Luxembourg	503 (1.5)	503 (1.8)	460 (2.6)	<b>43</b> (3.0)	522 (1.8)	467 (1.5)	485 (1.8)	<b>6</b> (1.9)	<b>19</b> (3.1)	-36 (3.0)	<b>25</b> (3.7)	-38 (3.6)		
Mexico	386 (7.6)	380 (5.7)	397 (8.9)	-16 (10.3)	423 (3.4)	408 (2.8)	412 (2.4)	3 (3.3)	<b>37</b> (8.5)	<b>28</b> (6.6)	15 (9.4)	19 (11.1)		
Netherlands	562 (25.5)	537 (10.9)	533 (5.8)	10 (11.9)	540 (10.1)	525 (8.5)	516 (7.8)	11 (12.3)	-22 (27.4)	-12 (14.0)	-16 (10.0)	1 (17.5)		
New Zealand	c	c	527 (3.7)	5 (7.6)	c	c	503 (3.4)	496 (5.8)	8 (7.5)	c	-24 (5.4)	-27 (8.1)	4 (10.2)	
Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Poland	486 (6.5)	490 (4.5)	492 (3.9)	-3 (5.8)	513 (5.1)	511 (7.0)	524 (7.9)	-11 (9.2)	<b>27</b> (8.5)	<b>20</b> (8.5)	<b>32</b> (9.1)	-8 (11.0)		
Portugal	484 (5.6)	458 (7.7)	459 (7.2)	10 (10.0)	513 (5.2)	466 (5.9)	477 (9.1)	13 (10.4)	<b>29</b> (7.9)	8 (9.9)	17 (11.7)	3 (15.5)		
Slovak Republic	524 (5.9)	485 (7.1)	496 (6.4)	9 (9.2)	493 (9.0)	487 (7.6)	464 (9.6)	<b>26</b> (11.7)	-30 (10.9)	2 (10.6)	-32 (11.7)	17 (16.1)		
Spain	482 (14.1)	484 (3.8)	486 (4.8)	-2 (6.2)	496 (7.4)	486 (3.4)	481 (2.6)	7 (4.4)	14 (16.0)	2 (5.4)	-5 (5.8)	9 (7.4)		
Sweden	492 (14.7)	509 (4.2)	510 (3.8)	-4 (5.9)	472 (6.6)	479 (5.8)	480 (3.1)	-3 (5.9)	-20 (16.2)	-30 (7.4)	-31 (5.3)	0 (7.5)		
Switzerland	573 (9.7)	524 (5.6)	504 (6.1)	<b>35</b> (9.9)	595 (7.3)	530 (5.9)	513 (4.1)	<b>34</b> (8.4)	21 (12.3)	6 (8.4)	9 (7.6)	-1 (13.8)		
Turkey	402 (7.9)	413 (9.5)	445 (13.4)	-36 (15.5)	483 (14.5)	438 (6.3)	437 (9.3)	18 (13.2)	<b>81</b> (16.7)	<b>26</b> (11.5)	-8 (16.5)	<b>53</b> (21.0)		
United States	452 (21.9)	485 (4.9)	488 (5.3)	-4 (7.4)	457 (12.5)	481 (5.0)	489 (7.3)	-10 (9.5)	4 (25.3)	-4 (7.3)	1 (9.2)	-6 (13.4)		
OECD average 2003	500 (2.1)	498 (1.4)	493 (1.6)	<b>8</b> (1.9)	508 (2.1)	493 (1.2)	488 (1.6)	<b>12</b> (1.9)	<b>8</b> (2.9)	-6 (1.9)	-5 (2.3)	4 (2.8)		
<b>Partners</b>														
Brazil	389 (10.5)	360 (11.9)	342 (7.8)	<b>31</b> (11.9)	408 (8.6)	391 (4.5)	396 (3.5)	1 (6.2)	19 (13.8)	<b>30</b> (12.9)	<b>54</b> (8.8)	-30 (13.9)		
Hong Kong-China	588 (13.6)	556 (5.7)	509 (13.8)	<b>52</b> (15.3)	596 (17.2)	565 (5.4)	543 (9.4)	<b>26</b> (12.3)	8 (22.0)	10 (8.0)	<b>35</b> (16.8)	-26 (19.7)		
Indonesia	375 (5.7)	365 (10.9)	352 (6.9)	<b>19</b> (8.0)	378 (7.9)	386 (11.2)	368 (4.8)	14 (8.5)	4 (9.9)	21 (15.8)	16 (8.6)	-5 (11.7)		
Latvia	474 (9.3)	482 (5.7)	492 (5.5)	-11 (7.4)	491 (8.2)	489 (4.6)	492 (4.7)	-2 (6.5)	17 (12.5)	7 (7.6)	0 (7.5)	9 (10.7)		
Liechtenstein	c	c	549 (5.0)	c	c	c	c	c	508 (6.0)	<b>50</b> (8.8)	c	c	c	c
Macao-China	525 (4.0)	523 (6.4)	537 (4.4)	-13 (5.2)	555 (1.7)	539 (1.3)	491 (2.6)	<b>55</b> (2.8)	<b>30</b> (4.7)	<b>16</b> (6.8)	-47 (5.5)	<b>68</b> (6.3)		
Russian Federation	442 (11.0)	473 (5.8)	470 (7.1)	-2 (9.8)	481 (14.7)	474 (3.9)	488 (4.7)	-14 (6.2)	<b>39</b> (18.5)	1 (7.3)	<b>19</b> (8.7)	-13 (12.6)		
Thailand	411 (7.7)	427 (5.9)	412 (5.1)	9 (7.7)	417 (6.8)	429 (4.6)	441 (21.5)	-15 (22.2)	7 (10.4)	2 (7.7)	28 (22.2)	-24 (22.7)		
Tunisia	359 (6.2)	340 (9.9)	362 (5.0)	-7 (8.7)	403 (13.5)	392 (6.2)	380 (6.4)	16 (9.1)	<b>44</b> (15.0)	<b>53</b> (11.9)	<b>18</b> (8.3)	23 (12.9)		
Uruguay	448 (8.4)	418 (5.8)	406 (9.9)	21 (11.2)	425 (16.9)	405 (4.6)	417 (8.3)	-9 (10.9)	-23 (19.0)	-14 (7.7)	11 (13.0)	-30 (14.5)		

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 1/1]

**Change between 2003 and 2012 in mathematics performance and student-teacher ratio**Table IV.1.25 *Results based on school principals' reports*

	PISA 2003		PISA 2012		Change between 2003 and 2012 (PISA 2012 - PISA 2003)	
	Correlation between mathematics performance and student-teacher ratio		Correlation between mathematics performance and student-teacher ratio		Correlation between mathematics performance and student-teacher ratio	
	Corr.	S.E.	Corr.	S.E.	Corr. dif.	S.E.
<b>OECD</b>						
Australia	0.06	(0.04)	0.00	(0.02)	-0.05	(0.05)
Austria	<b>-0.14</b>	(0.03)	-0.07	(0.04)	0.07	(0.05)
Belgium	<b>0.41</b>	(0.04)	<b>0.43</b>	(0.03)	0.02	(0.05)
Canada	<b>0.09</b>	(0.03)	<b>0.10</b>	(0.02)	0.02	(0.04)
Czech Republic	<b>-0.15</b>	(0.06)	0.06	(0.05)	<b>0.21</b>	(0.08)
Denmark	<b>0.12</b>	(0.03)	0.07	(0.05)	-0.05	(0.06)
Finland	<b>0.06</b>	(0.02)	0.05	(0.03)	-0.01	(0.03)
France	w	w	<b>-0.10</b>	(0.05)	m	m
Germany	-0.06	(0.09)	<b>0.14</b>	(0.04)	0.19	(0.10)
Greece	<b>0.15</b>	(0.04)	<b>0.12</b>	(0.04)	-0.02	(0.06)
Hungary	0.07	(0.07)	0.02	(0.06)	-0.05	(0.09)
Iceland	0.03	(0.02)	<b>0.04</b>	(0.02)	0.01	(0.03)
Ireland	0.07	(0.06)	<b>0.15</b>	(0.05)	0.08	(0.07)
Italy	<b>0.16</b>	(0.04)	<b>0.34</b>	(0.03)	<b>0.19</b>	(0.05)
Japan	<b>0.26</b>	(0.05)	<b>0.24</b>	(0.04)	-0.02	(0.06)
Korea	<b>0.29</b>	(0.04)	0.10	(0.08)	<b>-0.19</b>	(0.09)
Luxembourg	<b>0.19</b>	(0.01)	<b>0.11</b>	(0.01)	<b>-0.08</b>	(0.02)
Mexico	m	m	0.03	(0.02)	m	m
Netherlands	<b>0.46</b>	(0.05)	<b>0.41</b>	(0.08)	-0.05	(0.10)
New Zealand	<b>0.16</b>	(0.04)	<b>0.08</b>	(0.04)	-0.08	(0.05)
Norway	0.00	(0.03)	-0.02	(0.04)	-0.02	(0.05)
Poland	-0.02	(0.03)	<b>0.13</b>	(0.04)	<b>0.15</b>	(0.05)
Portugal	0.04	(0.04)	<b>0.23</b>	(0.04)	<b>0.19</b>	(0.05)
Slovak Republic	<b>-0.13</b>	(0.04)	-0.05	(0.05)	0.08	(0.07)
Spain	<b>0.14</b>	(0.03)	0.07	(0.05)	-0.07	(0.06)
Sweden	<b>0.07</b>	(0.02)	<b>0.05</b>	(0.03)	-0.02	(0.03)
Switzerland	-0.05	(0.04)	<b>0.07</b>	(0.03)	<b>0.12</b>	(0.05)
Turkey	<b>-0.19</b>	(0.06)	<b>-0.29</b>	(0.04)	-0.10	(0.08)
United States	-0.02	(0.03)	0.01	(0.04)	0.03	(0.05)
<b>OECD average 2003</b>	<b>0.08</b>	(0.01)	<b>0.09</b>	(0.01)	0.02	(0.01)
<b>Partners</b>						
Brazil	<b>-0.22</b>	(0.05)	<b>-0.15</b>	(0.02)	0.08	(0.06)
Hong Kong-China	<b>0.37</b>	(0.06)	<b>0.34</b>	(0.05)	-0.03	(0.08)
Indonesia	m	m	<b>-0.04</b>	(0.06)	m	m
Latvia	<b>0.21</b>	(0.04)	<b>0.13</b>	(0.04)	-0.08	(0.06)
Liechtenstein	<b>0.64</b>	(0.03)	<b>0.56</b>	(0.04)	-0.08	(0.04)
Macao-China	<b>0.12</b>	(0.03)	<b>0.20</b>	(0.01)	<b>0.08</b>	(0.03)
Russian Federation	<b>-0.13</b>	(0.06)	0.07	(0.04)	<b>0.20</b>	(0.07)
Thailand	<b>-0.08</b>	(0.03)	0.00	(0.04)	0.08	(0.06)
Tunisia	<b>-0.36</b>	(0.06)	<b>-0.07</b>	(0.02)	<b>0.29</b>	(0.06)
Uruguay	0.08	(0.04)	-0.03	(0.03)	-0.11	(0.06)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 1/1]


## Change between 2003 and 2012 in mathematics performance and students' learning time at school

Table IV.1.26 Results based on students' self-reports

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)				
	Correlation between mathematics performance and students' reports on the following:				Correlation between mathematics performance and students' reports on the following:				Correlation between mathematics performance and students' reports on the following:				
	Mathematics class periods per week (class periods)		Regular school lessons in mathematics per week (minutes)		Mathematics class periods per week (class periods)		Regular school lessons in mathematics per week (minutes)		Mathematics class periods per week (class periods)		Regular school lessons in mathematics per week (minutes)		
	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr. dif.	S.E.	Corr. dif.	S.E.	
OECD	Australia	<b>0.10</b>	(0.02)	<b>0.11</b>	(0.02)	<b>0.11</b>	(0.02)	<b>0.09</b>	(0.01)	0.01	(0.03)	-0.02	(0.02)
	Austria	0.01	(0.03)	0.02	(0.03)	0.02	(0.04)	0.01	(0.04)	0.00	(0.05)	-0.01	(0.05)
	Belgium	<b>0.38</b>	(0.03)	<b>0.37</b>	(0.03)	<b>0.31</b>	(0.01)	<b>0.21</b>	(0.03)	-0.06	(0.03)	<b>-0.17</b>	(0.04)
	Canada	-0.02	(0.01)	-0.01	(0.02)	0.00	(0.02)	0.01	(0.02)	0.02	(0.02)	0.02	(0.02)
	Czech Republic	<b>0.14</b>	(0.03)	<b>0.14</b>	(0.03)	0.05	(0.03)	0.05	(0.04)	-0.09	(0.05)	-0.09	(0.05)
	Denmark	<b>-0.05</b>	(0.02)	<b>-0.06</b>	(0.03)	-0.04	(0.02)	<b>-0.08</b>	(0.02)	0.01	(0.03)	-0.02	(0.03)
	Finland	<b>0.07</b>	(0.02)	<b>0.07</b>	(0.02)	0.04	(0.02)	0.03	(0.02)	-0.03	(0.03)	-0.04	(0.03)
	France	<b>0.06</b>	(0.02)	<b>0.06</b>	(0.02)	<b>0.12</b>	(0.02)	<b>0.17</b>	(0.02)	0.06	(0.03)	<b>0.11</b>	(0.03)
	Germany	<b>-0.15</b>	(0.02)	<b>-0.16</b>	(0.02)	<b>-0.16</b>	(0.03)	<b>-0.12</b>	(0.02)	0.00	(0.04)	0.03	(0.03)
	Greece	<b>0.35</b>	(0.02)	<b>0.35</b>	(0.02)	<b>0.30</b>	(0.02)	<b>0.26</b>	(0.03)	-0.05	(0.03)	<b>-0.09</b>	(0.04)
	Hungary	0.01	(0.03)	0.01	(0.03)	0.06	(0.04)	0.07	(0.04)	0.05	(0.05)	0.06	(0.05)
	Iceland	-0.01	(0.02)	-0.03	(0.02)	0.03	(0.03)	-0.01	(0.03)	0.05	(0.04)	0.02	(0.03)
	Ireland	-0.01	(0.02)	-0.01	(0.02)	0.03	(0.02)	0.02	(0.02)	0.05	(0.03)	0.03	(0.03)
	Italy	-0.03	(0.02)	-0.02	(0.03)	<b>0.17</b>	(0.02)	<b>0.14</b>	(0.02)	<b>0.20</b>	(0.03)	<b>0.16</b>	(0.04)
	Japan	<b>0.28</b>	(0.04)	<b>0.31</b>	(0.03)	<b>0.42</b>	(0.02)	<b>0.45</b>	(0.02)	<b>0.14</b>	(0.04)	<b>0.14</b>	(0.04)
	Korea	<b>0.11</b>	(0.03)	<b>0.12</b>	(0.03)	<b>0.27</b>	(0.05)	<b>0.27</b>	(0.05)	<b>0.16</b>	(0.06)	<b>0.15</b>	(0.06)
	Luxembourg	-0.03	(0.02)	<b>-0.04</b>	(0.02)	0.01	(0.02)	<b>-0.05</b>	(0.02)	0.04	(0.02)	0.00	(0.02)
	Mexico	-0.01	(0.04)	<b>0.13</b>	(0.03)	<b>0.04</b>	(0.01)	<b>0.08</b>	(0.01)	0.05	(0.04)	-0.04	(0.03)
	Netherlands	<b>0.07</b>	(0.03)	<b>0.08</b>	(0.03)	0.04	(0.05)	-0.07	(0.05)	-0.04	(0.06)	<b>-0.15</b>	(0.05)
	New Zealand	<b>0.08</b>	(0.02)	<b>0.06</b>	(0.02)	<b>0.12</b>	(0.03)	0.06	(0.04)	0.04	(0.04)	0.00	(0.04)
	Norway	0.01	(0.02)	0.01	(0.02)	0.01	(0.03)	<b>-0.04</b>	(0.02)	-0.01	(0.03)	-0.05	(0.03)
	Poland	0.04	(0.02)	0.04	(0.02)	<b>0.10</b>	(0.03)	<b>0.10</b>	(0.03)	0.07	(0.04)	0.07	(0.04)
	Portugal	<b>0.11</b>	(0.03)	-0.01	(0.03)	<b>0.09</b>	(0.04)	<b>0.10</b>	(0.03)	-0.02	(0.05)	<b>0.11</b>	(0.05)
	Slovak Republic	-0.03	(0.03)	-0.03	(0.03)	0.06	(0.04)	0.06	(0.04)	<b>0.10</b>	(0.05)	<b>0.10</b>	(0.05)
	Spain	-0.01	(0.02)	-0.01	(0.02)	<b>-0.06</b>	(0.02)	<b>-0.07</b>	(0.02)	-0.05	(0.03)	<b>-0.06</b>	(0.03)
	Sweden	-0.04	(0.02)	-0.03	(0.02)	<b>-0.06</b>	(0.03)	-0.04	(0.03)	-0.02	(0.04)	-0.01	(0.04)
Switzerland	0.00	(0.02)	0.00	(0.02)	<b>-0.11</b>	(0.02)	<b>-0.13</b>	(0.02)	<b>-0.11</b>	(0.03)	<b>-0.12</b>	(0.03)	
Turkey	<b>0.21</b>	(0.05)	<b>0.25</b>	(0.05)	<b>0.33</b>	(0.03)	<b>0.39</b>	(0.03)	<b>0.13</b>	(0.05)	<b>0.14</b>	(0.06)	
United States	<b>0.18</b>	(0.03)	<b>0.16</b>	(0.02)	<b>0.17</b>	(0.04)	<b>0.16</b>	(0.03)	-0.01	(0.05)	0.00	(0.03)	
OECD average 2003	<b>0.06</b>	(0.00)	<b>0.06</b>	(0.00)	<b>0.09</b>	(0.01)	<b>0.07</b>	(0.01)	<b>0.02</b>	(0.01)	0.01	(0.01)	
Partners	Brazil	<b>-0.12</b>	(0.03)	<b>-0.11</b>	(0.03)	<b>0.04</b>	(0.02)	0.04	(0.02)	<b>0.17</b>	(0.03)	<b>0.14</b>	(0.04)
	Hong Kong-China	<b>0.16</b>	(0.03)	<b>0.16</b>	(0.03)	0.05	(0.04)	0.00	(0.03)	-0.10	(0.05)	<b>-0.16</b>	(0.04)
	Indonesia	<b>0.19</b>	(0.03)	<b>0.14</b>	(0.03)	<b>0.22</b>	(0.04)	<b>0.14</b>	(0.03)	0.03	(0.05)	0.00	(0.04)
	Latvia	0.00	(0.05)	0.02	(0.05)	<b>0.13</b>	(0.03)	<b>0.11</b>	(0.03)	<b>0.13</b>	(0.06)	0.10	(0.06)
	Liechtenstein	<b>-0.16</b>	(0.05)	<b>-0.16</b>	(0.05)	-0.10	(0.09)	-0.12	(0.09)	0.06	(0.11)	0.03	(0.11)
	Macao-China	<b>0.09</b>	(0.04)	0.07	(0.04)	<b>0.21</b>	(0.02)	<b>0.18</b>	(0.02)	<b>0.12</b>	(0.04)	<b>0.11</b>	(0.04)
	Russian Federation	<b>0.20</b>	(0.03)	<b>0.20</b>	(0.03)	<b>0.23</b>	(0.03)	<b>0.22</b>	(0.03)	0.03	(0.04)	0.02	(0.04)
	Thailand	<b>0.14</b>	(0.03)	<b>0.15</b>	(0.03)	<b>0.41</b>	(0.03)	<b>0.40</b>	(0.03)	<b>0.27</b>	(0.04)	<b>0.25</b>	(0.04)
	Tunisia	-0.02	(0.02)	-0.02	(0.02)	<b>-0.04</b>	(0.02)	<b>0.09</b>	(0.03)	-0.02	(0.03)	<b>0.11</b>	(0.03)
	Uruguay	-0.01	(0.03)	<b>-0.06</b>	(0.03)	<b>0.13</b>	(0.03)	<b>0.09</b>	(0.03)	<b>0.15</b>	(0.04)	<b>0.15</b>	(0.04)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.


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[Part 1/3]

**Change between 2003 and 2012 in mathematics performance and pre-school attendance**Table IV.1.27 *Results based on students' self-reports*

		PISA 2003																			
		Mathematics performance, by students who reported that they had attended pre-primary education (ISCED 0)								PISA index of economic, social and cultural status, by students who reported that they had attended pre-primary education (ISCED 0)											
		No attendance		For one year or less		For more than one year		Performance difference (more than one year or less - no attendance)		Performance difference (more than one year or less - no attendance)		No attendance		For one year or less		For more than one year		Mean index difference (more than one year or less - no attendance)		Mean index difference (more than one year or less - no attendance)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean dif.	S.E.	Mean dif.	S.E.
OECD	Australia	501 (5.3)		521 (2.6)		535 (2.1)		<b>27</b> (5.2)		<b>17</b> (2.2)		-0.25 (0.03)		-0.03 (0.02)		0.18 (0.02)		<b>0.32</b> (0.03)		<b>0.24</b> (0.02)	
	Austria	470 (6.8)		490 (6.4)		513 (3.0)		<b>39</b> (7.6)		<b>27</b> (5.0)		-0.75 (0.07)		-0.59 (0.04)		-0.17 (0.02)		<b>0.52</b> (0.06)		<b>0.46</b> (0.04)	
	Belgium	447 (10.5)		445 (9.1)		540 (2.4)		<b>89</b> (10.6)		<b>94</b> (7.2)		-0.56 (0.09)		-0.43 (0.07)		0.02 (0.02)		<b>0.55</b> (0.09)		<b>0.49</b> (0.05)	
	Canada	512 (3.9)		529 (1.6)		549 (2.2)		<b>27</b> (3.7)		<b>23</b> (2.4)		-0.14 (0.03)		0.11 (0.02)		0.40 (0.02)		<b>0.39</b> (0.03)		<b>0.33</b> (0.03)	
	Czech Republic	511 (6.8)		515 (4.5)		525 (3.5)		<b>13</b> (6.6)		<b>12</b> (4.4)		-0.23 (0.06)		-0.15 (0.04)		-0.02 (0.02)		<b>0.19</b> (0.06)		<b>0.16</b> (0.04)	
	Denmark	462 (12.4)		502 (3.1)		524 (3.0)		<b>55</b> (12.1)		<b>25</b> (3.3)		-0.29 (0.14)		-0.03 (0.04)		0.15 (0.04)		<b>0.38</b> (0.14)		<b>0.20</b> (0.04)	
	Finland	535 (4.5)		538 (3.0)		549 (2.3)		<b>11</b> (4.9)		<b>12</b> (3.1)		-0.12 (0.05)		-0.12 (0.03)		0.15 (0.02)		<b>0.20</b> (0.06)		<b>0.27</b> (0.03)	
	France	423 (13.3)		464 (7.7)		516 (2.4)		<b>91</b> (13.2)		<b>63</b> (7.2)		-0.91 (0.16)		-0.55 (0.09)		-0.29 (0.03)		<b>0.61</b> (0.15)		<b>0.35</b> (0.08)	
	Germany	448 (9.7)		466 (6.5)		523 (3.3)		<b>67</b> (10.0)		<b>61</b> (4.4)		-0.64 (0.09)		-0.39 (0.06)		0.11 (0.03)		<b>0.68</b> (0.09)		<b>0.56</b> (0.05)	
	Greece	415 (8.8)		437 (4.6)		453 (4.1)		<b>33</b> (8.8)		<b>19</b> (4.1)		-0.66 (0.08)		-0.34 (0.05)		-0.24 (0.06)		<b>0.38</b> (0.08)		<b>0.14</b> (0.05)	
	Hungary	430 (17.0)		462 (8.1)		492 (2.8)		<b>61</b> (17.2)		<b>36</b> (7.1)		-0.64 (0.13)		-0.61 (0.07)		-0.29 (0.02)		<b>0.34</b> (0.13)		<b>0.33</b> (0.07)	
	Iceland	511 (6.6)		506 (7.2)		516 (1.6)		5 (7.0)		7 (5.4)		0.13 (0.06)		0.28 (0.08)		0.59 (0.01)		<b>0.45</b> (0.06)		<b>0.41</b> (0.05)	
	Ireland	490 (3.5)		517 (3.1)		500 (3.7)		<b>20</b> (3.5)		-5 (3.8)		-0.55 (0.03)		-0.15 (0.03)		-0.11 (0.05)		<b>0.42</b> (0.04)		<b>0.20</b> (0.04)	
	Italy	448 (10.7)		434 (6.6)		470 (2.9)		19 (10.3)		<b>31</b> (5.9)		-0.49 (0.08)		-0.38 (0.05)		-0.26 (0.02)		<b>0.21</b> (0.08)		<b>0.15</b> (0.04)	
	Japan	504 (13.3)		471 (15.0)		537 (4.0)		<b>31</b> (13.1)		<b>51</b> (9.6)		-0.54 (0.12)		-0.46 (0.09)		-0.41 (0.02)		0.12 (0.12)		0.08 (0.07)	
	Korea	531 (9.3)		535 (5.3)		544 (3.3)		12 (9.2)		<b>10</b> (4.4)		-0.81 (0.08)		-0.58 (0.05)		-0.32 (0.03)		<b>0.47</b> (0.08)		<b>0.33</b> (0.05)	
	Luxembourg	481 (4.4)		471 (5.2)		500 (1.2)		<b>16</b> (5.0)		<b>23</b> (3.5)		-0.23 (0.05)		-0.16 (0.06)		-0.05 (0.02)		<b>0.17</b> (0.05)		<b>0.15</b> (0.04)	
	Mexico	340 (4.6)		383 (4.0)		398 (4.1)		<b>54</b> (5.0)		<b>32</b> (4.4)		-2.07 (0.04)		-1.50 (0.05)		-1.10 (0.06)		<b>0.88</b> (0.06)		<b>0.63</b> (0.05)	
	Netherlands	487 (13.2)		520 (9.9)		545 (2.8)		<b>58</b> (12.6)		<b>42</b> (8.0)		-0.40 (0.12)		-0.07 (0.10)		-0.08 (0.03)		<b>0.33</b> (0.12)		<b>0.16</b> (0.08)	
	New Zealand	480 (5.6)		517 (3.9)		532 (2.3)		<b>48</b> (5.6)		<b>26</b> (3.2)		-0.57 (0.05)		-0.26 (0.03)		-0.04 (0.02)		<b>0.48</b> (0.05)		<b>0.31</b> (0.03)	
	Norway	468 (5.6)		480 (3.9)		502 (2.6)		<b>31</b> (5.6)		<b>27</b> (3.8)		-0.15 (0.05)		0.01 (0.03)		0.26 (0.02)		<b>0.37</b> (0.05)		<b>0.30</b> (0.04)	
Poland	469 (8.8)		479 (2.8)		506 (3.0)		<b>23</b> (8.7)		<b>27</b> (3.0)		-0.45 (0.08)		-0.64 (0.02)		-0.13 (0.03)		0.05 (0.08)		<b>0.49</b> (0.03)		
Portugal	457 (4.5)		462 (5.9)		473 (3.5)		<b>14</b> (4.1)		<b>14</b> (3.9)		-1.41 (0.04)		-0.86 (0.07)		-0.66 (0.06)		<b>0.70</b> (0.06)		<b>0.54</b> (0.05)		
Slovak Republic	477 (7.5)		492 (6.6)		503 (3.1)		<b>25</b> (6.9)		<b>16</b> (5.1)		-0.53 (0.08)		-0.34 (0.07)		-0.19 (0.02)		<b>0.32</b> (0.07)		<b>0.22</b> (0.05)		
Spain	464 (8.0)		458 (3.9)		491 (2.5)		<b>23</b> (7.6)		<b>30</b> (3.7)		-0.95 (0.08)		-0.70 (0.06)		-0.46 (0.05)		<b>0.47</b> (0.08)		<b>0.33</b> (0.06)		
Sweden	476 (6.2)		508 (3.4)		518 (2.8)		<b>39</b> (6.2)		<b>20</b> (3.1)		-0.21 (0.05)		-0.02 (0.04)		0.20 (0.03)		<b>0.34</b> (0.05)		<b>0.28</b> (0.04)		
Switzerland	420 (10.9)		533 (4.7)		529 (4.0)		<b>110</b> (11.1)		7 (6.3)		-0.96 (0.10)		-0.25 (0.05)		-0.18 (0.04)		<b>0.76</b> (0.10)		<b>0.14</b> (0.05)		
Turkey	407 (5.0)		477 (11.3)		505 (15.4)		<b>80</b> (10.8)		<b>86</b> (13.5)		-1.42 (0.04)		-0.37 (0.08)		0.08 (0.09)		<b>1.20</b> (0.07)		<b>1.32</b> (0.08)		
United States	448 (11.0)		488 (3.0)		460 (6.0)		<b>38</b> (10.3)		<b>-27</b> (5.9)		-0.34 (0.09)		0.08 (0.03)		-0.03 (0.06)		<b>0.41</b> (0.09)		-0.10 (0.05)		
OECD average 2003	466 (1.6)		486 (1.2)		509 (0.8)		<b>40</b> (1.7)		<b>28</b> (1.0)		-0.59 (0.02)		-0.33 (0.01)		-0.10 (0.01)		<b>0.44</b> (0.02)		<b>0.33</b> (0.01)		
Partners	Brazil	321 (4.4)		358 (5.4)		381 (5.7)		<b>51</b> (4.6)		<b>38</b> (4.8)		-2.03 (0.04)		-1.62 (0.06)		-1.24 (0.06)		<b>0.63</b> (0.05)		<b>0.56</b> (0.05)	
	Hong Kong-China	475 (8.1)		484 (7.5)		562 (4.0)		<b>82</b> (7.3)		<b>82</b> (5.5)		-1.95 (0.06)		-1.57 (0.06)		-1.20 (0.04)		<b>0.73</b> (0.07)		<b>0.56</b> (0.04)	
	Indonesia	341 (2.6)		377 (5.0)		389 (7.2)		<b>42</b> (5.1)		<b>36</b> (5.8)		-2.16 (0.03)		-1.68 (0.05)		-1.44 (0.06)		<b>0.60</b> (0.05)		<b>0.55</b> (0.06)	
	Latvia	481 (5.0)		483 (5.4)		486 (4.2)		4 (5.0)		4 (4.3)		-0.45 (0.04)		-0.35 (0.06)		-0.28 (0.03)		<b>0.15</b> (0.04)		<b>0.13</b> (0.04)	
	Liechtenstein	c	c	c	c	542 (4.6)		c	c	<b>75</b> (21.3)		c	c	c	c	-0.26 (0.04)		c	c	<b>0.58</b> (0.25)	
	Macao-China	496 (15.2)		510 (8.4)		532 (2.9)		<b>33</b> (15.0)		<b>25</b> (8.5)		-1.94 (0.12)		-1.67 (0.09)		-1.57 (0.03)		<b>0.35</b> (0.12)		0.15 (0.08)	
	Russian Federation	454 (5.2)		447 (6.9)		474 (4.2)		<b>17</b> (3.9)		<b>23</b> (3.3)		-0.81 (0.05)		-0.66 (0.07)		-0.57 (0.03)		<b>0.23</b> (0.05)		<b>0.18</b> (0.04)	
	Thailand	392 (6.3)		397 (3.7)		425 (3.4)		<b>27</b> (6.2)		<b>29</b> (4.2)		-2.33 (0.07)		-2.30 (0.04)		-1.71 (0.04)		<b>0.49</b> (0.07)		<b>0.60</b> (0.05)	
	Tunisia	348 (2.4)		358 (3.9)		387 (5.4)		<b>25</b> (4.7)		<b>36</b> (5.2)		-2.25 (0.04)		-1.38 (0.05)		-0.95 (0.06)		<b>1.09</b> (0.06)		<b>0.99</b> (0.06)	
	Uruguay	389 (4.8)		404 (5.1)		442 (3.6)		<b>44</b> (5.2)		<b>45</b> (3.8)		-1.38 (0.06)		-1.05 (0.04)		-0.48 (0.04)		<b>0.76</b> (0.05)		<b>0.71</b> (0.04)	


Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>

[Part 2/3]

**Change between 2003 and 2012 in mathematics performance and pre-school attendance**  
*Results based on students' self-reports*

Table IV.1.27

		PISA 2012																			
		Mathematics performance, by students who reported that they had attended pre-primary education (ISCED 0)								PISA index of economic, social and cultural status, by students who reported that they had attended pre-primary education (ISCED 0)											
		No attendance		For one year or less		For more than one year		Performance difference (more than one year or less - no attendance)		Performance difference (more than one year or less - no attendance)		No attendance		For one year or less		For more than one year		Mean index difference (more than one year or less - no attendance)		Mean index difference (more than one year or less - no attendance)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean dif.	S.E.	Mean dif.	S.E.
OECD	Australia	462 (5.1)		499 (1.8)		515 (2.0)		<b>46</b> (5.2)		<b>20</b> (2.0)		-0.12 (0.05)		0.16 (0.01)		0.36 (0.01)		<b>0.39</b> (0.05)		<b>0.23</b> (0.02)	
	Austria	447 (14.3)		482 (5.9)		510 (2.6)		<b>59</b> (14.1)		<b>33</b> (6.0)		-0.76 (0.17)		-0.19 (0.05)		0.12 (0.02)		<b>0.85</b> (0.17)		<b>0.40</b> (0.06)	
	Belgium	448 (9.3)		455 (6.6)		521 (2.1)		<b>70</b> (9.2)		<b>68</b> (5.7)		-0.44 (0.09)		-0.20 (0.09)		0.18 (0.02)		<b>0.61</b> (0.08)		<b>0.46</b> (0.08)	
	Canada	499 (3.3)		512 (1.8)		532 (2.6)		<b>24</b> (3.2)		<b>23</b> (2.4)		0.12 (0.03)		0.33 (0.02)		0.54 (0.02)		<b>0.32</b> (0.03)		<b>0.25</b> (0.02)	
	Czech Republic	434 (15.1)		482 (7.1)		504 (2.7)		<b>67</b> (15.0)		<b>34</b> (7.3)		-0.40 (0.13)		-0.16 (0.05)		-0.04 (0.02)		<b>0.34</b> (0.13)		<b>0.18</b> (0.05)	
	Denmark	442 (10.9)		468 (3.3)		510 (2.2)		<b>60</b> (10.4)		<b>44</b> (3.0)		-0.03 (0.13)		0.25 (0.04)		0.48 (0.02)		<b>0.46</b> (0.12)		<b>0.24</b> (0.03)	
	Finland	471 (10.6)		512 (2.6)		527 (2.2)		<b>50</b> (10.4)		<b>18</b> (3.3)		-0.13 (0.12)		0.22 (0.02)		0.46 (0.02)		<b>0.50</b> (0.12)		<b>0.26</b> (0.02)	
	France	403 (13.1)		437 (5.6)		503 (2.5)		<b>96</b> (13.0)		<b>73</b> (5.6)		-0.73 (0.10)		-0.27 (0.05)		0.00 (0.02)		<b>0.71</b> (0.10)		<b>0.37</b> (0.05)	
	Germany	466 (8.2)		465 (4.7)		528 (3.1)		<b>55</b> (7.8)		<b>62</b> (4.7)		-0.11 (0.08)		-0.15 (0.06)		0.26 (0.02)		<b>0.32</b> (0.08)		<b>0.40</b> (0.05)	
	Greece	395 (7.9)		439 (3.9)		463 (2.5)		<b>61</b> (7.8)		<b>30</b> (3.7)		-0.79 (0.09)		-0.15 (0.04)		0.02 (0.03)		<b>0.76</b> (0.09)		<b>0.26</b> (0.04)	
	Hungary	c	c	432 (10.1)		480 (3.2)		c	c	<b>48</b> (9.3)		c	c	-0.46 (0.11)		-0.25 (0.03)		c	c	0.14 (0.09)	
	Iceland	449 (12.0)		463 (9.4)		496 (1.7)		<b>47</b> (12.3)		<b>39</b> (7.0)		0.10 (0.13)		0.49 (0.10)		0.81 (0.01)		<b>0.69</b> (0.13)		<b>0.47</b> (0.07)	
	Ireland	491 (4.2)		506 (2.8)		502 (2.7)		<b>13</b> (4.0)		0 (3.0)		-0.17 (0.04)		0.09 (0.02)		0.26 (0.03)		<b>0.35</b> (0.04)		<b>0.23</b> (0.02)	
	Italy	429 (4.5)		454 (3.3)		492 (2.1)		<b>60</b> (4.5)		<b>46</b> (2.9)		-0.41 (0.05)		-0.14 (0.03)		-0.03 (0.02)		<b>0.37</b> (0.04)		<b>0.21</b> (0.03)	
	Japan	502 (18.2)		484 (8.5)		540 (3.6)		<b>36</b> (17.2)		<b>50</b> (7.6)		-0.06 (0.13)		-0.33 (0.06)		-0.07 (0.02)		-0.01 (0.13)		<b>0.19</b> (0.06)	
	Korea	533 (8.6)		541 (6.9)		557 (4.5)		<b>22</b> (8.0)		<b>18</b> (5.1)		-0.24 (0.06)		-0.06 (0.03)		0.04 (0.03)		<b>0.27</b> (0.06)		<b>0.15</b> (0.03)	
	Luxembourg	451 (6.4)		454 (4.0)		498 (1.4)		<b>42</b> (6.7)		<b>45</b> (3.8)		-0.42 (0.08)		-0.13 (0.05)		0.14 (0.02)		<b>0.52</b> (0.08)		<b>0.34</b> (0.04)	
	Mexico	378 (2.5)		411 (1.8)		419 (1.4)		<b>40</b> (2.4)		<b>19</b> (1.6)		-1.81 (0.04)		-1.31 (0.03)		-0.96 (0.03)		<b>0.78</b> (0.04)		<b>0.52</b> (0.03)	
	Netherlands	484 (12.1)		522 (10.1)		525 (3.5)		<b>41</b> (11.5)		<b>21</b> (8.1)		-0.10 (0.16)		0.13 (0.07)		0.25 (0.02)		<b>0.34</b> (0.16)		<b>0.22</b> (0.08)	
	New Zealand	451 (6.9)		489 (4.1)		511 (2.4)		<b>55</b> (6.6)		<b>35</b> (3.8)		-0.42 (0.05)		-0.07 (0.03)		0.13 (0.02)		<b>0.50</b> (0.05)		<b>0.31</b> (0.03)	
	Norway	463 (5.1)		459 (6.1)		495 (2.7)		<b>30</b> (4.7)		<b>34</b> (4.1)		0.08 (0.05)		0.13 (0.05)		0.52 (0.02)		<b>0.41</b> (0.05)		<b>0.42</b> (0.04)	
Poland	471 (9.3)		504 (3.0)		532 (4.8)		<b>48</b> (9.9)		<b>29</b> (4.3)		-0.56 (0.08)		-0.54 (0.03)		0.11 (0.04)		<b>0.36</b> (0.08)		<b>0.65</b> (0.04)		
Portugal	461 (5.0)		465 (5.0)		504 (4.0)		<b>34</b> (4.8)		<b>41</b> (3.9)		-0.93 (0.05)		-0.73 (0.06)		-0.30 (0.06)		<b>0.53</b> (0.06)		<b>0.51</b> (0.05)		
Slovak Republic	390 (8.0)		462 (6.2)		494 (3.5)		<b>99</b> (8.8)		<b>56</b> (6.4)		-0.98 (0.09)		-0.49 (0.05)		-0.06 (0.02)		<b>0.86</b> (0.09)		<b>0.60</b> (0.06)		
Spain	435 (3.2)		455 (3.9)		492 (1.8)		<b>54</b> (3.0)		<b>46</b> (2.8)		-0.64 (0.04)		-0.42 (0.04)		-0.13 (0.03)		<b>0.48</b> (0.04)		<b>0.38</b> (0.03)		
Sweden	438 (6.3)		472 (3.0)		488 (2.3)		<b>46</b> (6.0)		<b>26</b> (3.3)		-0.07 (0.06)		0.15 (0.03)		0.35 (0.02)		<b>0.38</b> (0.06)		<b>0.26</b> (0.03)		
Switzerland	456 (13.7)		536 (5.2)		532 (3.2)		<b>77</b> (12.7)		1 (5.5)		-0.41 (0.11)		0.10 (0.05)		0.21 (0.02)		<b>0.59</b> (0.10)		<b>0.14</b> (0.05)		
Turkey	433 (4.4)		480 (6.0)		495 (10.0)		<b>51</b> (5.9)		<b>51</b> (8.7)		-1.77 (0.03)		-0.91 (0.05)		-0.30 (0.08)		<b>1.03</b> (0.05)		<b>1.27</b> (0.08)		
United States	450 (11.9)		472 (3.5)		486 (4.1)		<b>33</b> (11.9)		<b>16</b> (4.3)		-0.25 (0.19)		-0.19 (0.05)		0.30 (0.04)		<b>0.43</b> (0.17)		<b>0.50</b> (0.05)		
OECD average 2003	451 (1.8)		476 (1.0)		505 (0.6)		<b>51</b> (1.8)		<b>35</b> (1.0)		-0.44 (0.02)		-0.17 (0.01)		0.12 (0.01)		<b>0.51</b> (0.02)		<b>0.36</b> (0.01)		
Partners	Brazil	368 (2.4)		386 (2.0)		408 (2.8)		<b>31</b> (2.6)		<b>28</b> (2.3)		-1.57 (0.03)		-1.24 (0.03)		-0.94 (0.03)		<b>0.51</b> (0.03)		<b>0.42</b> (0.03)	
	Hong Kong-China	483 (15.5)		502 (8.2)		566 (3.1)		<b>81</b> (15.3)		<b>70</b> (7.9)		-1.30 (0.11)		-1.17 (0.08)		-0.77 (0.05)		<b>0.51</b> (0.11)		<b>0.44</b> (0.07)	
	Indonesia	351 (3.7)		390 (4.5)		405 (9.2)		<b>45</b> (6.4)		<b>38</b> (9.1)		-2.19 (0.04)		-1.56 (0.07)		-1.34 (0.11)		<b>0.72</b> (0.07)		<b>0.60</b> (0.11)	
	Latvia	485 (6.2)		483 (5.2)		494 (2.9)		6 (6.2)		<b>10</b> (4.5)		-0.57 (0.06)		-0.53 (0.05)		-0.16 (0.03)		<b>0.36</b> (0.06)		<b>0.39</b> (0.04)	
	Liechtenstein	c	c	c	c	538 (4.8)		c	c	c	c	c	c	c	c	c	0.29 (0.06)	c	c	c	c
	Macao-China	496 (8.6)		491 (4.0)		547 (1.1)		<b>44</b> (8.7)		<b>55</b> (4.1)		-0.79 (0.08)		-0.99 (0.03)		-0.87 (0.01)		-0.10 (0.08)		<b>0.09</b> (0.03)	
	Russian Federation	461 (4.6)		464 (4.9)		491 (3.0)		<b>26</b> (4.0)		<b>29</b> (2.9)		-0.47 (0.04)		-0.22 (0.04)		0.01 (0.02)		<b>0.45</b> (0.04)		<b>0.39</b> (0.03)	
	Thailand	373 (11.2)		395 (4.8)		432 (3.5)		<b>54</b> (11.0)		<b>40</b> (4.1)		-1.75 (0.13)		-1.69 (0.06)		-1.30 (0.04)		<b>0.41</b> (0.12)		<b>0.40</b> (0.05)	
	Tunisia	373 (3.8)		394 (4.8)		408 (6.0)		<b>26</b> (4.7)		<b>24</b> (4.5)		-1.80 (0.05)		-0.88 (0.06)		-0.71 (0.06)		<b>0.98</b> (0.06)		<b>0.62</b> (0.06)	
	Uruguay	370 (3.2)		390 (4.7)		426 (3.2)		<b>50</b> (4.0)		<b>47</b> (3.8)		-1.35 (0.03)		-1.20 (0.05)		-0.69 (0.04)		<b>0.57</b> (0.05)		<b>0.59</b> (0.04)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957384>



[Part 3/3]

**Change between 2003 and 2012 in mathematics performance and pre-school attendance**Table IV.1.27 *Results based on students' self-reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																				
		Mathematics performance, by students who reported that they had attended pre-primary education (ISCED 0)								PISA index of economic, social and cultural status, by students who reported that they had attended pre-primary education (ISCED 0)												
		No attendance		For one year or less		For more than one year		Performance difference (more than one year or less - no attendance)		Performance difference (more than one year or less - no attendance)		No attendance		For one year or less		For more than one year		Mean index difference (more than one year or less - no attendance)		Mean index difference (more than one year or less - no attendance)		
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Mean dif.	S.E.	Mean dif.	S.E.	Mean dif.	S.E.	Mean dif.	S.E.	Mean dif.	S.E.	
OECD	Australia	<b>-39</b>	(7.6)	<b>-21</b>	(3.7)	<b>-20</b>	(3.5)	<b>19</b>	(7.4)	2	(3.1)	0.13	(0.06)	0.19	(0.03)	0.18	(0.03)	0.07	(0.06)	-0.02	(0.03)	
	Austria	-23	(16.0)	-8	(8.9)	-3	(4.4)	20	(13.9)	6	(7.9)	0.00	(0.18)	0.40	(0.07)	0.29	(0.03)	0.33	(0.18)	-0.06	(0.08)	
	Belgium	0	(14.2)	10	(11.4)	<b>-20</b>	(3.7)	-19	(14.6)	<b>-26</b>	(8.9)	0.11	(0.13)	0.23	(0.11)	0.16	(0.03)	0.05	(0.12)	-0.03	(0.09)	
	Canada	<b>-13</b>	(5.5)	<b>-17</b>	(3.1)	<b>-18</b>	(3.9)	-3	(4.6)	-1	(3.1)	0.26	(0.05)	0.22	(0.03)	0.14	(0.03)	-0.07	(0.04)	<b>-0.09</b>	(0.03)	
	Czech Republic	<b>-76</b>	(16.7)	<b>-33</b>	(8.6)	<b>-22</b>	(4.8)	<b>54</b>	(17.9)	<b>22</b>	(8.9)	-0.17	(0.14)	-0.01	(0.06)	-0.02	(0.03)	0.15	(0.15)	0.02	(0.07)	
	Denmark	-20	(16.6)	<b>-34</b>	(4.9)	<b>-13</b>	(4.2)	5	(16.0)	<b>19</b>	(4.5)	0.26	(0.19)	0.28	(0.05)	0.33	(0.04)	0.08	(0.19)	0.04	(0.05)	
	Finland	<b>-64</b>	(11.6)	<b>-26</b>	(4.4)	<b>-22</b>	(3.7)	<b>39</b>	(11.0)	<b>6</b>	(4.3)	0.00	(0.13)	0.34	(0.04)	0.31	(0.03)	<b>0.30</b>	(0.13)	0.00	(0.04)	
	France	-20	(18.8)	<b>-27</b>	(9.7)	<b>-14</b>	(4.0)	5	(17.2)	10	(8.9)	0.19	(0.19)	0.28	(0.10)	0.29	(0.03)	0.10	(0.18)	0.02	(0.09)	
	Germany	18	(12.8)	-1	(8.3)	5	(4.9)	-12	(13.8)	1	(6.3)	0.53	(0.12)	0.24	(0.08)	0.15	(0.04)	<b>-0.36</b>	(0.14)	<b>-0.16</b>	(0.07)	
	Greece	-20	(12.0)	2	(6.3)	<b>10</b>	(5.2)	<b>28</b>	(11.6)	<b>11</b>	(5.7)	-0.13	(0.12)	0.19	(0.07)	0.26	(0.07)	<b>0.38</b>	(0.11)	<b>0.12</b>	(0.06)	
	Hungary	c	c	<b>-30</b>	(13.1)	<b>-12</b>	(4.7)	c	c	12	(11.7)	c	c	0.16	(0.13)	0.04	(0.04)	c	c	-0.18	(0.12)	
	Iceland	<b>-63</b>	(13.8)	<b>-43</b>	(12.0)	<b>-20</b>	(3.0)	<b>42</b>	(14.3)	<b>32</b>	(9.0)	-0.02	(0.14)	0.21	(0.13)	0.21	(0.02)	0.24	(0.15)	0.06	(0.09)	
	Ireland	1	(5.8)	<b>-11</b>	(4.6)	2	(5.0)	-6	(5.2)	6	(5.0)	0.38	(0.05)	0.24	(0.04)	0.37	(0.06)	-0.08	(0.05)	0.03	(0.05)	
	Italy	-19	(11.8)	<b>20</b>	(7.6)	<b>22</b>	(4.1)	<b>41</b>	(11.3)	<b>15</b>	(6.3)	0.08	(0.09)	0.24	(0.06)	0.24	(0.03)	0.16	(0.09)	0.05	(0.05)	
	Japan	-2	(22.7)	14	(17.4)	3	(5.7)	5	(22.6)	-1	(12.9)	0.47	(0.17)	0.13	(0.11)	0.35	(0.03)	-0.13	(0.17)	0.11	(0.09)	
	Korea	2	(12.8)	7	(8.9)	<b>13</b>	(5.9)	10	(12.1)	7	(6.8)	0.57	(0.10)	0.52	(0.06)	0.36	(0.04)	<b>-0.20</b>	(0.09)	<b>-0.18</b>	(0.06)	
	Luxembourg	<b>-31</b>	(8.0)	<b>-17</b>	(6.8)	-2	(2.6)	<b>26</b>	(8.1)	<b>22</b>	(5.0)	-0.19	(0.09)	0.03	(0.08)	0.18	(0.02)	<b>0.34</b>	(0.11)	<b>0.19</b>	(0.06)	
	Mexico	<b>38</b>	(5.6)	<b>28</b>	(4.7)	<b>21</b>	(4.8)	<b>-15</b>	(5.6)	<b>-13</b>	(4.6)	0.26	(0.06)	0.19	(0.06)	0.14	(0.06)	-0.10	(0.07)	-0.11	(0.06)	
	Netherlands	-3	(17.9)	3	(14.2)	<b>-20</b>	(4.9)	-16	(18.7)	-21	(11.8)	0.31	(0.20)	0.20	(0.12)	0.32	(0.03)	0.01	(0.17)	0.06	(0.10)	
	New Zealand	<b>-29</b>	(9.1)	<b>-28</b>	(5.9)	<b>-21</b>	(3.9)	7	(9.2)	9	(5.7)	0.15	(0.07)	0.19	(0.05)	0.17	(0.03)	0.03	(0.07)	0.00	(0.05)	
	Norway	-5	(7.8)	<b>-21</b>	(7.5)	-7	(4.3)	-1	(7.2)	7	(5.9)	0.23	(0.07)	0.12	(0.06)	0.26	(0.03)	0.04	(0.07)	<b>0.12</b>	(0.05)	
	Poland	2	(12.9)	<b>25</b>	(4.6)	<b>26</b>	(6.0)	25	(14.0)	2	(5.0)	-0.11	(0.12)	0.09	(0.04)	0.24	(0.05)	<b>0.32</b>	(0.11)	<b>0.16</b>	(0.05)	
	Portugal	5	(7.0)	3	(7.9)	<b>31</b>	(5.7)	<b>20</b>	(5.9)	<b>27</b>	(5.8)	0.48	(0.06)	0.14	(0.09)	0.37	(0.08)	<b>-0.17</b>	(0.08)	-0.02	(0.07)	
	Slovak Republic	<b>-86</b>	(11.1)	<b>-30</b>	(9.2)	-10	(5.1)	<b>74</b>	(11.5)	<b>40</b>	(8.8)	-0.45	(0.12)	-0.15	(0.08)	0.13	(0.03)	<b>0.54</b>	(0.12)	<b>0.38</b>	(0.07)	
	Spain	<b>-29</b>	(8.8)	<b>-3</b>	(5.8)	2	(3.6)	<b>31</b>	(7.8)	<b>15</b>	(4.8)	0.31	(0.09)	0.28	(0.07)	0.33	(0.05)	0.02	(0.09)	0.05	(0.07)	
	Sweden	<b>-38</b>	(9.1)	<b>-36</b>	(5.0)	<b>-30</b>	(4.1)	7	(8.6)	6	(4.6)	0.14	(0.08)	0.17	(0.04)	0.15	(0.04)	0.04	(0.08)	-0.02	(0.05)	
	Switzerland	<b>36</b>	(17.6)	3	(7.3)	3	(5.5)	<b>-34</b>	(16.6)	-6	(8.2)	0.56	(0.15)	0.36	(0.07)	0.39	(0.04)	-0.17	(0.15)	0.00	(0.07)	
Turkey	<b>26</b>	(6.9)	3	(12.9)	-10	(18.4)	<b>-28</b>	(12.5)	<b>-35</b>	(16.7)	-0.34	(0.05)	-0.54	(0.10)	-0.38	(0.12)	-0.17	(0.09)	-0.05	(0.12)		
United States	2	(16.4)	<b>-17</b>	(5.0)	<b>26</b>	(7.5)	-5	(16.2)	<b>43</b>	(7.4)	0.09	(0.21)	-0.28	(0.05)	0.33	(0.07)	0.02	(0.19)	<b>0.60</b>	(0.07)		
OECD average 2003	<b>-16</b>	(2.4)	<b>-10</b>	(1.6)	<b>-3</b>	(1.1)	<b>11</b>	(2.4)	<b>8</b>	(1.4)	0.15	(0.02)	0.16	(0.01)	0.22	(0.01)	<b>0.06</b>	(0.02)	<b>0.04</b>	(0.01)		
Partners	Brazil	<b>47</b>	(5.3)	<b>27</b>	(6.1)	<b>27</b>	(6.6)	<b>-20</b>	(5.2)	-10	(5.1)	0.45	(0.05)	0.37	(0.06)	0.29	(0.07)	-0.13	(0.06)	<b>-0.13</b>	(0.06)	
	Hong Kong-China	9	(17.6)	18	(11.3)	5	(5.4)	-1	(17.6)	-12	(9.4)	0.65	(0.12)	0.41	(0.10)	0.43	(0.06)	-0.21	(0.15)	-0.12	(0.08)	
	Indonesia	<b>10</b>	(5.0)	12	(7.0)	16	(11.8)	3	(7.5)	2	(9.4)	-0.03	(0.05)	0.12	(0.08)	0.11	(0.13)	0.13	(0.07)	0.04	(0.10)	
	Latvia	5	(8.2)	0	(7.7)	8	(5.4)	2	(8.6)	5	(6.6)	-0.13	(0.07)	-0.17	(0.07)	0.12	(0.04)	<b>0.21</b>	(0.07)	<b>0.26</b>	(0.06)	
	Liechtenstein	c	c	c	c	-4	(6.9)	c	c	c	c	c	c	c	c	c	0.56	(0.07)	c	c	c	c
	Macao-China	0	(17.6)	<b>-19</b>	(9.5)	<b>15</b>	(3.7)	12	(18.2)	<b>30</b>	(9.9)	1.15	(0.14)	0.68	(0.09)	0.70	(0.03)	<b>-0.45</b>	(0.16)	-0.07	(0.09)	
	Russian Federation	7	(7.2)	17	(8.7)	<b>17</b>	(5.5)	10	(6.2)	6	(4.5)	0.34	(0.06)	0.44	(0.08)	0.57	(0.04)	<b>0.22</b>	(0.07)	<b>0.21</b>	(0.05)	
	Thailand	-18	(13.0)	-2	(6.4)	7	(5.2)	<b>28</b>	(12.2)	11	(6.2)	0.58	(0.14)	0.61	(0.07)	0.41	(0.06)	-0.08	(0.13)	<b>-0.20</b>	(0.07)	
	Tunisia	<b>25</b>	(4.9)	<b>35</b>	(6.5)	<b>21</b>	(8.3)	1	(6.4)	-11	(6.1)	0.44	(0.06)	0.50	(0.07)	0.24	(0.09)	-0.10	(0.08)	<b>-0.37</b>	(0.08)	
	Uruguay	<b>-19</b>	(6.1)	-14	(7.2)	<b>-16</b>	(5.2)	7	(6.8)	2	(5.9)	0.03	(0.07)	-0.15	(0.06)	-0.21	(0.05)	<b>-0.19</b>	(0.07)	<b>-0.12</b>	(0.06)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink <http://dx.doi.org/10.1787/888932957384>




[Part 1/3]

**Change between 2003 and 2012 in mathematics performance and arriving late for school**  
*Results based on students' self-reports*

Table IV.1.28

		PISA 2003									
		Mathematics performance, by students' reports on the number of times they had arrived late for school in the two weeks prior to the PISA test									
		None		One or two times		Three or four times		Five or more times		Performance difference (none - one or more)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	534	(2.4)	518	(2.8)	496	(4.8)	485	(4.7)	<b>24</b>	(2.3)
	Austria	508	(3.1)	506	(5.6)	508	(8.7)	503	(12.1)	2	(4.8)
	Belgium	549	(2.2)	510	(3.9)	468	(8.2)	444	(10.2)	<b>54</b>	(4.3)
	Canada	546	(1.9)	533	(2.2)	513	(3.6)	501	(4.0)	<b>22</b>	(2.0)
	Czech Republic	526	(3.2)	513	(4.6)	507	(10.5)	508	(9.9)	<b>14</b>	(3.6)
	Denmark	525	(2.6)	508	(4.0)	501	(6.6)	487	(6.3)	<b>22</b>	(3.4)
	Finland	554	(2.5)	536	(2.5)	532	(4.5)	518	(4.9)	<b>22</b>	(2.9)
	France	522	(2.8)	504	(3.6)	477	(7.2)	438	(8.8)	<b>29</b>	(3.9)
	Germany	516	(3.2)	501	(5.9)	479	(12.1)	476	(12.7)	<b>22</b>	(4.6)
	Greece	450	(4.1)	445	(5.1)	439	(5.1)	432	(7.2)	<b>9</b>	(3.7)
	Hungary	503	(3.0)	461	(4.4)	449	(9.8)	441	(11.5)	<b>45</b>	(5.1)
	Iceland	526	(2.0)	510	(2.9)	511	(4.6)	468	(7.1)	<b>22</b>	(3.0)
	Ireland	511	(2.5)	498	(3.9)	485	(7.6)	453	(9.7)	<b>20</b>	(3.6)
	Italy	479	(2.9)	455	(4.3)	442	(6.0)	434	(6.4)	<b>30</b>	(3.0)
	Japan	542	(3.9)	515	(7.2)	467	(14.3)	450	(13.7)	<b>43</b>	(7.3)
	Korea	551	(3.4)	527	(4.7)	514	(6.5)	491	(8.4)	<b>32</b>	(4.6)
	Luxembourg	494	(1.6)	496	(2.6)	489	(5.9)	482	(6.7)	1	(3.1)
	Mexico	390	(4.4)	381	(3.8)	388	(5.9)	379	(6.8)	<b>7</b>	(3.5)
	Netherlands	558	(2.7)	535	(3.8)	518	(7.2)	480	(8.5)	<b>33</b>	(3.6)
	New Zealand	539	(2.7)	519	(3.5)	509	(4.9)	475	(5.4)	<b>30</b>	(3.6)
	Norway	505	(2.5)	491	(3.7)	476	(6.5)	447	(5.7)	<b>23</b>	(3.1)
	Poland	494	(2.6)	489	(3.6)	486	(5.5)	460	(7.0)	<b>11</b>	(3.1)
	Portugal	465	(4.0)	469	(4.0)	471	(5.3)	451	(6.8)	-2	(3.6)
	Slovak Republic	503	(3.2)	487	(5.3)	469	(7.8)	481	(14.5)	<b>19</b>	(3.5)
	Spain	498	(2.7)	475	(3.1)	463	(5.2)	450	(5.9)	<b>29</b>	(2.8)
	Sweden	522	(2.7)	508	(3.7)	495	(5.0)	472	(7.5)	<b>24</b>	(3.2)
Switzerland	530	(3.4)	525	(5.5)	511	(8.7)	491	(17.3)	<b>10</b>	(4.6)	
Turkey	431	(7.0)	408	(7.7)	392	(9.9)	402	(13.9)	<b>26</b>	(5.0)	
United States	496	(2.8)	472	(4.3)	440	(6.2)	434	(8.5)	<b>36</b>	(3.6)	
OECD average 2003		509	(0.6)	493	(0.8)	479	(1.4)	463	(1.7)	<b>23</b>	(0.7)
Partners	Brazil	361	(5.2)	356	(4.6)	349	(10.0)	334	(9.2)	<b>9</b>	(4.0)
	Hong Kong-China	559	(4.6)	521	(6.4)	473	(13.4)	446	(18.0)	<b>50</b>	(5.3)
	Indonesia	368	(4.0)	352	(4.7)	345	(6.8)	333	(9.2)	<b>18</b>	(3.4)
	Latvia	493	(3.3)	480	(4.7)	472	(7.0)	452	(10.1)	<b>19</b>	(4.1)
	Liechtenstein	537	(5.5)	518	(13.6)	c	c	c	c	4	(15.8)
	Macao-China	537	(3.0)	487	(9.3)	470	(13.7)	c	c	<b>54</b>	(8.1)
	Russian Federation	478	(4.2)	460	(5.4)	449	(6.4)	438	(7.9)	<b>23</b>	(3.7)
	Thailand	423	(3.4)	408	(3.7)	400	(7.9)	401	(6.9)	<b>17</b>	(3.6)
	Tunisia	361	(3.0)	359	(3.4)	352	(5.4)	369	(7.4)	2	(3.5)
	Uruguay	434	(3.9)	424	(4.1)	407	(5.9)	391	(5.9)	<b>19</b>	(3.5)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957384>



[Part 2/3]

**Change between 2003 and 2012 in mathematics performance and arriving late for school**Table IV.1.28 *Results based on students' self-reports*


		PISA 2012									
		Mathematics performance, by students' reports on the number of times they had arrived late for school in the two weeks prior to the PISA test									
		None		One or two times		Three or four times		Five or more times		Performance difference (none - one or more)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	517	(1.7)	495	(2.4)	469	(4.3)	456	(5.5)	<b>31</b>	(2.2)
	Austria	508	(2.8)	503	(5.7)	485	(9.5)	477	(12.3)	<b>10</b>	(5.2)
	Belgium	526	(2.2)	499	(3.8)	466	(7.2)	437	(8.5)	<b>38</b>	(3.5)
	Canada	534	(1.8)	510	(2.5)	491	(3.4)	471	(4.5)	<b>33</b>	(2.0)
	Czech Republic	508	(3.0)	481	(4.1)	467	(12.3)	447	(12.2)	<b>32</b>	(3.6)
	Denmark	509	(2.2)	494	(3.2)	480	(4.3)	471	(7.6)	<b>20</b>	(3.0)
	Finland	532	(2.6)	512	(2.3)	495	(3.3)	465	(7.1)	<b>27</b>	(2.8)
	France	509	(2.7)	480	(3.7)	445	(7.8)	421	(10.4)	<b>39</b>	(3.8)
	Germany	521	(3.2)	509	(4.7)	507	(10.1)	488	(13.6)	<b>15</b>	(4.3)
	Greece	456	(2.7)	452	(3.6)	458	(4.4)	440	(5.5)	<b>5</b>	(3.1)
	Hungary	490	(3.0)	443	(6.6)	446	(12.7)	409	(11.7)	<b>50</b>	(6.4)
	Iceland	505	(2.2)	479	(3.2)	467	(8.1)	446	(12.1)	<b>30</b>	(3.6)
	Ireland	510	(1.9)	485	(3.7)	474	(7.4)	450	(9.4)	<b>30</b>	(3.3)
	Italy	497	(2.2)	472	(2.3)	456	(4.4)	436	(5.1)	<b>31</b>	(2.1)
	Japan	541	(3.3)	512	(8.5)	479	(16.5)	468	(25.1)	<b>35</b>	(7.0)
	Korea	565	(4.4)	529	(5.1)	501	(7.3)	499	(12.3)	<b>45</b>	(3.9)
	Luxembourg	496	(1.4)	478	(3.0)	475	(6.0)	463	(7.2)	<b>20</b>	(3.1)
	Mexico	418	(1.6)	408	(1.5)	406	(2.5)	397	(4.7)	<b>10</b>	(1.5)
	Netherlands	535	(3.5)	509	(4.7)	477	(9.8)	461	(9.4)	<b>35</b>	(4.1)
	New Zealand	520	(2.6)	486	(3.3)	464	(5.7)	440	(6.4)	<b>44</b>	(3.7)
Norway	502	(2.8)	472	(4.8)	456	(6.5)	420	(9.3)	<b>38</b>	(3.7)	
Poland	525	(3.6)	517	(4.6)	499	(6.1)	476	(6.2)	<b>17</b>	(3.6)	
Portugal	495	(4.2)	486	(3.7)	484	(5.9)	465	(7.6)	<b>11</b>	(3.0)	
Slovak Republic	490	(3.2)	472	(5.8)	433	(8.9)	406	(14.4)	<b>30</b>	(5.2)	
Spain	495	(2.0)	472	(2.8)	466	(4.5)	448	(5.7)	<b>27</b>	(2.6)	
Sweden	497	(2.7)	477	(2.8)	460	(4.0)	438	(5.6)	<b>30</b>	(3.3)	
Switzerland	533	(3.0)	530	(4.7)	512	(9.2)	503	(10.8)	<b>7</b>	(3.7)	
Turkey	454	(5.5)	442	(4.3)	433	(6.8)	444	(7.7)	<b>13</b>	(3.6)	
United States	494	(3.5)	465	(4.4)	427	(7.0)	427	(7.9)	<b>39</b>	(3.5)	
	OECD average 2003	506	(0.5)	485	(0.8)	468	(1.4)	451	(1.9)	<b>27</b>	(0.7)
Partners	Brazil	394	(2.3)	391	(2.5)	388	(4.6)	372	(4.5)	<b>5</b>	(2.3)
	Hong Kong-China	569	(3.1)	533	(5.8)	494	(15.2)	469	(22.7)	<b>43</b>	(4.6)
	Indonesia	379	(4.3)	365	(4.0)	369	(11.1)	358	(9.6)	<b>14</b>	(3.6)
	Latvia	496	(3.5)	494	(3.3)	482	(4.5)	465	(5.9)	<b>9</b>	(3.5)
	Liechtenstein	541	(4.7)	514	(15.1)	c	c	c	c	<b>34</b>	(15.1)
	Macao-China	551	(1.2)	511	(2.7)	488	(9.1)	454	(9.7)	<b>46</b>	(3.1)
	Russian Federation	494	(3.2)	475	(3.6)	474	(4.3)	439	(5.8)	<b>26</b>	(3.2)
	Thailand	434	(3.9)	417	(3.7)	411	(6.2)	391	(6.6)	<b>21</b>	(3.2)
	Tunisia	391	(4.5)	388	(4.3)	382	(4.9)	383	(7.5)	<b>5</b>	(3.0)
	Uruguay	415	(3.9)	410	(2.8)	412	(4.7)	385	(5.4)	<b>8</b>	(3.8)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957384>

[Part 3/3]

**Change between 2003 and 2012 in mathematics performance and arriving late for school**Table IV.1.28 *Results based on students' self-reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)									
		Mathematics performance, by students' reports on the number of times they had arrived late for school in the two weeks prior to the PISA test									
		None		One or two times		Three or four times		Five or more times		Performance difference (none - one or more)	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	-17	(3.5)	-23	(4.2)	-28	(6.7)	-29	(7.5)	7	(3.1)
	Austria	0	(4.6)	-3	(8.2)	-23	(13.1)	-26	(17.3)	8	(6.8)
	Belgium	-22	(3.7)	-11	(5.8)	-1	(11.1)	-7	(13.4)	-16	(6.0)
	Canada	-12	(3.3)	-24	(3.9)	-22	(5.4)	-30	(6.3)	11	(2.8)
	Czech Republic	-18	(4.8)	-32	(6.4)	-40	(16.3)	-61	(15.9)	18	(5.4)
	Denmark	-16	(3.9)	-14	(5.4)	-21	(8.2)	-16	(10.1)	-2	(4.0)
	Finland	-23	(4.1)	-23	(3.9)	-37	(5.9)	-53	(8.8)	5	(4.0)
	France	-13	(4.3)	-24	(5.5)	-31	(10.8)	-17	(13.7)	10	(5.6)
	Germany	5	(4.9)	8	(7.8)	28	(15.9)	12	(18.7)	-7	(6.6)
	Greece	5	(5.3)	8	(6.6)	19	(7.0)	7	(9.2)	-4	(4.6)
	Hungary	-13	(4.7)	-18	(8.2)	-3	(16.1)	-33	(16.5)	4	(7.7)
	Iceland	-21	(3.5)	-31	(4.8)	-44	(9.5)	-22	(14.2)	8	(4.5)
	Ireland	-1	(3.7)	-13	(5.7)	-12	(10.8)	-3	(13.7)	10	(4.4)
	Italy	17	(4.1)	17	(5.2)	14	(7.7)	2	(8.4)	1	(3.7)
	Japan	-1	(5.5)	-3	(11.3)	12	(21.9)	18	(28.6)	-8	(10.4)
	Korea	14	(5.9)	2	(7.2)	-13	(9.9)	8	(15.0)	13	(5.6)
	Luxembourg	1	(2.9)	-18	(4.4)	-15	(8.6)	-19	(10.0)	18	(4.5)
	Mexico	28	(5.1)	27	(4.5)	18	(6.7)	18	(8.5)	3	(3.8)
	Netherlands	-23	(4.8)	-26	(6.4)	-40	(12.3)	-19	(12.8)	2	(5.7)
	New Zealand	-19	(4.2)	-33	(5.2)	-45	(7.8)	-36	(8.6)	14	(5.3)
	Norway	-3	(4.2)	-19	(6.3)	-20	(9.4)	-27	(11.1)	15	(4.5)
	Poland	30	(4.9)	28	(6.2)	13	(8.5)	15	(9.6)	6	(5.1)
	Portugal	30	(6.1)	17	(5.8)	14	(8.2)	14	(10.4)	14	(4.7)
	Slovak Republic	-13	(4.9)	-15	(8.1)	-35	(12.1)	-75	(20.5)	11	(5.6)
	Spain	-2	(3.9)	-3	(4.6)	3	(7.2)	-3	(8.4)	-2	(4.0)
	Sweden	-25	(4.3)	-31	(5.0)	-35	(6.7)	-34	(9.5)	6	(4.8)
Switzerland	3	(4.9)	5	(7.5)	1	(12.8)	13	(20.5)	-3	(5.8)	
Turkey	23	(9.1)	35	(9.0)	42	(12.2)	43	(16.0)	-13	(5.9)	
United States	-2	(4.9)	-6	(6.5)	-13	(9.6)	-7	(11.7)	3	(5.4)	
OECD average 2003		-3	(0.9)	-8	(1.2)	-11	(2.0)	-13	(2.6)	5	(1.0)
Partners	Brazil	32	(6.0)	35	(5.6)	38	(11.2)	38	(10.4)	-4	(4.4)
	Hong Kong-China	10	(5.8)	12	(8.9)	21	(20.4)	23	(29.0)	-7	(6.9)
	Indonesia	11	(6.2)	13	(6.5)	24	(13.2)	25	(13.4)	-4	(4.4)
	Latvia	3	(5.2)	14	(6.1)	10	(8.5)	13	(11.8)	-10	(5.0)
	Liechtenstein	4	(7.4)	-5	(20.5)	c	c	c	c	29	(22.8)
	Macao-China	13	(3.8)	24	(9.9)	18	(16.6)	c	c	-8	(8.2)
	Russian Federation	16	(5.7)	14	(6.8)	25	(7.9)	1	(10.0)	3	(4.8)
	Thailand	11	(5.5)	9	(5.5)	11	(10.2)	-10	(9.8)	4	(4.8)
	Tunisia	30	(5.8)	29	(5.8)	30	(7.5)	13	(10.7)	3	(4.7)
	Uruguay	-19	(5.8)	-14	(5.3)	5	(7.8)	-6	(8.2)	-11	(5.0)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 1/3]

### Change between 2003 and 2012 in mathematics performance and concentration of students arriving late for school

Table IV.1.29 Results based on students' self-reports


		PISA 2003									
		Mathematics performance, by schools where in the two weeks prior to the PISA test...									
		Over 50% of students arrived late at least once		More than 25% but 50% or less of students arrived late at least once		More than 10% but 25% or less of students arrived late at least once		10% of students or fewer arrived late at least once		Performance difference (25% or less - over 25%)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	502	(7.9)	528	(2.8)	525	(6.4)	c	c	2	(6.9)
	Austria	508	(21.4)	513	(7.6)	514	(6.3)	489	(7.8)	-8	(9.1)
	Belgium	428	(9.8)	515	(5.7)	561	(5.1)	608	(7.6)	<b>70</b>	(7.8)
	Canada	528	(3.7)	533	(2.3)	542	(5.3)	548	(10.3)	<b>12</b>	(5.1)
	Czech Republic	c	c	512	(7.0)	525	(5.3)	544	(10.1)	17	(9.5)
	Denmark	508	(5.8)	514	(3.3)	528	(5.6)	525	(7.4)	<b>16</b>	(5.7)
	Finland	543	(2.7)	543	(2.7)	559	(4.2)	541	(8.9)	<b>13</b>	(4.6)
	France	458	(13.4)	508	(5.4)	532	(7.3)	523	(27.0)	<b>31</b>	(10.0)
	Germany	459	(36.9)	496	(9.4)	516	(5.7)	521	(8.6)	<b>26</b>	(10.6)
	Greece	439	(7.7)	454	(6.4)	402	(13.8)	c	c	<b>-44</b>	(13.9)
	Hungary	399	(13.9)	472	(5.5)	514	(8.5)	540	(6.8)	<b>63</b>	(9.8)
	Iceland	517	(2.3)	512	(2.2)	519	(5.3)	511	(7.6)	2	(4.9)
	Ireland	483	(11.2)	496	(4.5)	513	(3.7)	c	c	<b>19</b>	(6.0)
	Italy	415	(6.3)	491	(4.3)	501	(15.7)	473	(26.6)	<b>37</b>	(15.8)
	Japan	c	c	483	(14.9)	540	(8.0)	560	(7.2)	<b>72</b>	(15.0)
	Korea	479	(20.6)	526	(6.6)	555	(6.7)	607	(13.3)	<b>43</b>	(10.1)
	Luxembourg	c	c	495	(1.1)	c	c	c	c	c	c
	Mexico	389	(4.4)	386	(6.1)	364	(11.6)	362	(26.4)	-24	(12.6)
	Netherlands	512	(6.9)	557	(6.5)	586	(11.9)	c	c	<b>50</b>	(13.5)
	New Zealand	511	(5.3)	528	(3.0)	541	(10.4)	c	c	20	(10.4)
	Norway	488	(6.3)	496	(2.9)	492	(4.5)	519	(12.3)	0	(4.8)
	Poland	493	(5.3)	492	(3.6)	482	(6.3)	488	(8.4)	-10	(6.4)
	Portugal	469	(4.7)	460	(7.8)	c	c	c	c	-3	(21.7)
Slovak Republic	413	(26.5)	486	(6.9)	509	(4.3)	511	(8.1)	<b>28</b>	(7.9)	
Spain	468	(5.8)	494	(4.5)	496	(7.4)	484	(12.2)	11	(6.9)	
Sweden	503	(4.5)	516	(2.9)	500	(7.4)	c	c	-6	(7.0)	
Switzerland	527	(21.4)	529	(7.6)	524	(6.9)	527	(10.8)	-4	(10.5)	
Turkey	381	(36.3)	411	(11.0)	428	(8.5)	488	(24.2)	<b>31</b>	(11.8)	
United States	454	(6.1)	481	(5.0)	504	(5.1)	502	(6.7)	<b>31</b>	(4.9)	
	OECD average 2003	472	(2.9)	498	(1.2)	510	(1.5)	518	(3.1)	<b>18</b>	(1.9)
Partners	Brazil	342	(10.5)	356	(6.7)	371	(10.9)	348	(23.0)	16	(11.6)
	Hong Kong-China	c	c	487	(10.0)	553	(8.2)	589	(8.7)	<b>86</b>	(10.9)
	Indonesia	325	(8.4)	364	(4.5)	371	(9.6)	382	(49.5)	15	(11.7)
	Latvia	476	(5.7)	492	(5.1)	472	(7.8)	c	c	-9	(9.9)
	Liechtenstein	c	c	c	c	544	(4.2)	c	c	c	c
	Macao-China	479	(6.9)	492	(7.4)	531	(3.6)	544	(5.9)	<b>48</b>	(6.9)
	Russian Federation	439	(8.0)	479	(5.2)	483	(13.0)	460	(17.1)	14	(12.8)
	Thailand	402	(7.0)	412	(4.4)	431	(8.1)	432	(17.7)	<b>21</b>	(8.8)
	Tunisia	363	(10.5)	358	(3.8)	350	(11.7)	c	c	-3	(14.5)
	Uruguay	408	(4.6)	448	(6.3)	c	c	c	c	0	(42.8)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 2/3]

**Change between 2003 and 2012 in mathematics performance and concentration of students arriving late for school**Table IV.1.29 *Results based on students' self-reports*

		PISA 2012									
		Mathematics performance, by schools where in the two weeks prior to the PISA test...									
		Over 50% of students arrived late at least once		More than 25% but 50% or less of students arrived late at least once		More than 10% but 25% or less of students arrived late at least once		10% of students or fewer arrived late at least once		Performance difference (25% or less - over 25%)	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.
OECD	Australia	488	(4.9)	504	(2.3)	514	(3.8)	520	(10.0)	<b>15</b>	(4.3)
	Austria	507	(26.4)	493	(8.2)	521	(8.3)	500	(7.7)	15	(10.8)
	Belgium	403	(13.7)	503	(5.8)	538	(5.4)	562	(11.3)	<b>52</b>	(8.1)
	Canada	505	(4.1)	522	(2.7)	529	(4.9)	550	(15.2)	<b>15</b>	(5.7)
	Czech Republic	424	(12.2)	491	(5.8)	517	(5.0)	519	(8.8)	<b>39</b>	(7.9)
	Denmark	490	(6.8)	498	(2.9)	514	(4.9)	510	(12.2)	<b>18</b>	(5.9)
	Finland	512	(2.9)	522	(2.6)	522	(5.5)	527	(31.9)	4	(5.3)
	France	415	(10.9)	493	(5.4)	531	(6.5)	506	(12.8)	<b>51</b>	(8.1)
	Germany	484	(30.0)	509	(6.4)	522	(6.2)	511	(10.4)	13	(9.8)
	Greece	454	(4.9)	454	(5.2)	439	(31.4)	416	(25.2)	-25	(21.9)
	Hungary	391	(11.8)	448	(10.8)	501	(5.8)	510	(7.1)	<b>72</b>	(10.5)
	Iceland	469	(4.8)	496	(2.0)	498	(3.3)	497	(8.0)	6	(3.3)
	Ireland	434	(12.5)	499	(4.5)	511	(2.5)	506	(8.2)	<b>19</b>	(5.8)
	Italy	431	(5.3)	484	(2.9)	525	(4.6)	542	(12.9)	<b>56</b>	(5.1)
	Japan	c	c	468	(29.7)	514	(8.9)	553	(3.8)	<b>75</b>	(29.1)
	Korea	483	(15.0)	531	(5.7)	573	(8.7)	603	(13.3)	<b>56</b>	(8.9)
	Luxembourg	c	c	492	(1.6)	493	(1.3)	c	c	<b>5</b>	(1.9)
	Mexico	415	(2.6)	412	(1.7)	413	(4.8)	425	(12.3)	2	(4.9)
	Netherlands	450	(13.8)	512	(6.5)	551	(6.7)	591	(5.6)	<b>55</b>	(9.3)
	New Zealand	466	(5.0)	511	(3.7)	527	(9.1)	c	c	<b>34</b>	(10.5)
	Norway	481	(9.7)	488	(4.1)	488	(4.6)	513	(8.7)	5	(5.4)
	Poland	522	(6.1)	521	(5.4)	501	(6.3)	515	(19.9)	<b>-19</b>	(6.4)
	Portugal	484	(4.8)	493	(7.3)	c	c	c	c	c	c
	Slovak Republic	419	(16.4)	469	(7.9)	497	(7.3)	508	(11.3)	<b>37</b>	(11.5)
	Spain	474	(5.8)	485	(2.7)	488	(4.0)	506	(9.5)	8	(4.8)
	Sweden	473	(3.0)	489	(5.0)	c	c	c	c	10	(17.1)
Switzerland	526	(17.0)	545	(6.2)	520	(4.7)	530	(7.4)	<b>-19</b>	(7.5)	
Turkey	418	(8.8)	451	(6.3)	530	(24.3)	c	c	<b>87</b>	(24.3)	
United States	414	(5.3)	474	(4.6)	508	(5.5)	491	(11.7)	<b>41</b>	(6.4)	
	OECD average 2003	460	(2.3)	492	(1.4)	511	(1.8)	517	(2.7)	<b>26</b>	(2.1)
Partners	Brazil	394	(8.1)	387	(3.3)	397	(4.6)	402	(11.7)	10	(5.6)
	Hong Kong-China	c	c	503	(10.5)	554	(6.2)	593	(6.5)	<b>67</b>	(11.8)
	Indonesia	344	(7.7)	370	(6.6)	382	(6.5)	398	(17.5)	<b>20</b>	(8.4)
	Latvia	487	(3.1)	498	(5.5)	504	(18.0)	c	c	9	(16.1)
	Liechtenstein	c	c	c	c	558	(4.6)	c	c	c	c
	Macao-China	465	(3.9)	519	(1.8)	557	(1.6)	c	c	<b>51</b>	(2.0)
	Russian Federation	469	(4.6)	487	(4.6)	511	(8.0)	480	(11.4)	<b>26</b>	(8.1)
	Thailand	394	(5.0)	428	(5.7)	442	(7.1)	457	(17.0)	<b>28</b>	(7.7)
	Tunisia	387	(5.0)	390	(7.6)	c	c	c	c	c	c
	Uruguay	408	(3.4)	403	(9.5)	c	c	c	c	<b>101</b>	(25.7)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957384>






[Part 3/3]

### Change between 2003 and 2012 in mathematics performance and concentration of students arriving late for school

Table IV.1.29 Results based on students' self-reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)									
		Mathematics performance, by schools where in the two weeks prior to the PISA test...									
		Over 50% of students arrived late at least once		More than 25% but 50% or less of students arrived late at least once		More than 10% but 25% or less of students arrived late at least once		10% of students or fewer arrived late at least once		Performance difference (25% or less - over 25%)	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	-14	(9.5)	<b>-24</b>	(4.2)	-11	(7.6)	c	c	13	(8.4)
	Austria	-1	(34.0)	-20	(11.3)	7	(10.6)	10	(11.1)	23	(13.9)
	Belgium	-26	(16.9)	-12	(8.4)	<b>-23</b>	(7.6)	<b>-46</b>	(13.7)	-18	(10.9)
	Canada	<b>-23</b>	(5.8)	<b>-11</b>	(4.1)	-13	(7.5)	1	(18.5)	3	(7.6)
	Czech Republic	c	c	<b>-21</b>	(9.3)	-8	(7.5)	-25	(13.5)	22	(12.6)
	Denmark	-17	(9.1)	<b>-17</b>	(4.8)	-14	(7.7)	-15	(14.4)	3	(7.9)
	Finland	<b>-32</b>	(4.4)	<b>-20</b>	(4.2)	<b>-37</b>	(7.2)	-14	(33.2)	-9	(7.4)
	France	<b>-43</b>	(17.4)	-15	(7.9)	-1	(10.0)	-17	(30.0)	20	(12.7)
	Germany	26	(47.6)	12	(11.5)	6	(8.6)	-10	(13.6)	-13	(15.3)
	Greece	15	(9.4)	0	(8.5)	37	(34.3)	c	c	19	(27.0)
	Hungary	-8	(18.4)	<b>-24</b>	(12.2)	-13	(10.5)	<b>-30</b>	(10.0)	8	(13.7)
	Iceland	<b>-48</b>	(5.7)	<b>-17</b>	(3.5)	<b>-22</b>	(6.5)	-15	(11.2)	4	(6.2)
	Ireland	<b>-50</b>	(16.8)	4	(6.6)	-2	(4.8)	c	c	0	(8.7)
	Italy	15	(8.5)	-7	(5.6)	24	(16.5)	<b>69</b>	(29.6)	19	(16.0)
	Japan	c	c	-15	(33.3)	<b>-25</b>	(12.1)	-6	(8.3)	3	(34.0)
	Korea	4	(25.6)	5	(8.9)	18	(11.2)	-4	(18.9)	13	(14.5)
	Luxembourg	c	c	-3	(2.7)	c	c	c	c	c	c
	Mexico	25	(5.5)	26	(6.6)	<b>50</b>	(12.7)	<b>63</b>	(29.1)	27	(13.8)
	Netherlands	<b>-62</b>	(15.6)	<b>-45</b>	(9.4)	<b>-34</b>	(13.8)	c	c	5	(16.3)
	New Zealand	<b>-45</b>	(7.6)	<b>-17</b>	(5.1)	-14	(14.0)	c	c	14	(15.1)
	Norway	-7	(11.7)	-8	(5.4)	-4	(6.8)	-6	(15.2)	5	(7.0)
Poland	<b>29</b>	(8.3)	<b>29</b>	(6.8)	<b>20</b>	(9.1)	27	(21.7)	-9	(9.1)	
Portugal	<b>15</b>	(7.0)	<b>33</b>	(10.9)	c	c	c	c	c	c	
Slovak Republic	6	(31.2)	-17	(10.7)	-11	(8.7)	-3	(14.0)	9	(13.8)	
Spain	6	(8.5)	-9	(5.6)	-8	(8.7)	22	(15.6)	-3	(9.0)	
Sweden	<b>-30</b>	(5.7)	<b>-27</b>	(6.1)	c	c	c	c	16	(18.7)	
Switzerland	-1	(27.4)	15	(10.0)	-3	(8.6)	3	(13.2)	-15	(11.5)	
Turkey	37	(37.4)	<b>39</b>	(12.8)	<b>102</b>	(25.9)	c	c	<b>56</b>	(24.8)	
United States	<b>-40</b>	(8.3)	-7	(7.1)	5	(7.7)	-11	(13.7)	11	(8.3)	
	OECD average 2003	<b>-10</b>	(3.8)	<b>-6</b>	(1.9)	1	(2.5)	0	(4.2)	<b>8</b>	(2.9)
Partners	Brazil	<b>51</b>	(13.4)	<b>31</b>	(7.7)	<b>26</b>	(12.0)	<b>54</b>	(25.9)	-6	(12.9)
	Hong Kong-China	c	c	15	(14.6)	1	(10.5)	4	(11.1)	-19	(14.5)
	Indonesia	18	(11.6)	5	(8.2)	11	(11.8)	16	(52.6)	5	(14.3)
	Latvia	11	(6.8)	6	(7.7)	32	(19.7)	c	c	18	(18.1)
	Liechtenstein	c	c	c	c	14	(6.5)	c	c	c	c
	Macao-China	-14	(8.1)	<b>28</b>	(7.8)	<b>26</b>	(4.3)	c	c	3	(7.0)
	Russian Federation	<b>30</b>	(9.4)	8	(7.2)	28	(15.4)	20	(20.7)	12	(15.2)
	Thailand	-8	(8.8)	<b>16</b>	(7.5)	12	(10.9)	25	(24.6)	6	(12.0)
	Tunisia	<b>23</b>	(11.8)	<b>32</b>	(8.7)	c	c	c	c	c	c
	Uruguay	0	(6.1)	<b>-45</b>	(11.6)	c	c	c	c	<b>101</b>	(50.3)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957384>

[Part 1/1]  
Primary school starting age

Table IV.2.1 Results based on students' self-reports

	Age of entry into primary school				Percentage of students who started primary school at:									
	Mean age	S.E.	S.D.	S.E.	4 years old		5 years old		6 years old		7 years old		8 years old or older	
					%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>														
Australia	5.2	(0.0)	0.68	(0.01)	11.5	(0.3)	58.4	(0.4)	26.9	(0.5)	3.1	(0.2)	0.0	c
Austria	6.2	(0.0)	0.52	(0.01)	0.0	c	4.2	(0.4)	73.6	(0.9)	20.8	(0.8)	1.4	(0.3)
Belgium	5.9	(0.0)	0.60	(0.01)	1.3	(0.2)	18.9	(0.6)	70.3	(0.6)	8.3	(0.4)	1.1	(0.2)
Canada	5.2	(0.0)	0.98	(0.03)	17.8	(0.6)	49.9	(0.7)	27.5	(0.6)	3.1	(0.2)	1.6	(0.1)
Chile	6.0	(0.0)	0.63	(0.01)	1.0	(0.1)	15.1	(0.6)	69.1	(0.7)	13.5	(0.5)	1.2	(0.2)
Czech Republic	6.4	(0.0)	0.55	(0.01)	0.0	c	1.2	(0.2)	61.9	(1.0)	34.9	(0.9)	1.9	(0.3)
Denmark	6.6	(0.0)	0.68	(0.01)	0.1	(0.1)	3.2	(0.2)	36.1	(0.7)	53.6	(0.7)	7.0	(0.4)
Estonia	6.9	(0.0)	0.44	(0.01)	0.0	c	0.5	(0.1)	15.3	(0.6)	80.3	(0.6)	3.9	(0.3)
Finland	6.7	(0.0)	0.48	(0.00)	0.0	(0.0)	0.1	(0.0)	28.8	(0.7)	69.9	(0.7)	1.1	(0.1)
France	5.9	(0.0)	0.80	(0.03)	3.5	(0.3)	15.9	(0.7)	68.9	(0.9)	9.4	(0.5)	2.3	(0.3)
Germany	6.2	(0.0)	0.54	(0.01)	0.0	(0.0)	4.8	(0.4)	70.1	(0.8)	24.0	(0.7)	1.1	(0.2)
Greece	6.3	(0.0)	0.77	(0.06)	0.1	(0.0)	4.4	(0.4)	70.5	(1.4)	23.0	(1.3)	2.1	(0.3)
Hungary	6.7	(0.0)	0.59	(0.01)	0.1	(0.1)	0.4	(0.1)	36.1	(0.8)	57.8	(0.8)	5.6	(0.5)
Iceland	5.8	(0.0)	0.51	(0.01)	1.7	(0.2)	19.5	(0.7)	75.7	(0.8)	3.0	(0.3)	0.1	(0.1)
Ireland	4.5	(0.0)	0.58	(0.01)	56.0	(0.9)	39.5	(0.9)	4.5	(0.4)	0.0	c	0.0	c
Israel	6.2	(0.0)	0.54	(0.01)	0.0	c	5.8	(0.5)	70.0	(1.2)	23.4	(1.3)	0.8	(0.1)
Italy	5.9	(0.0)	0.44	(0.01)	0.0	c	13.0	(0.3)	81.9	(0.4)	4.6	(0.2)	0.5	(0.1)
Japan	6.0	(0.0)	0.00	(0.00)	0.0	c	0.0	c	100.0	(0.0)	0.0	c	0.0	c
Korea	6.6	(0.0)	0.61	(0.01)	0.3	(0.1)	1.2	(0.2)	38.3	(2.3)	55.5	(2.2)	4.7	(0.5)
Luxembourg	6.2	(0.0)	0.59	(0.01)	0.0	c	6.5	(0.3)	67.6	(0.7)	23.3	(0.6)	2.6	(0.2)
Mexico	6.1	(0.0)	0.73	(0.02)	0.8	(0.1)	8.2	(0.2)	73.5	(0.4)	15.8	(0.4)	1.7	(0.1)
Netherlands	6.1	(0.0)	0.56	(0.01)	0.0	c	12.2	(0.6)	71.6	(0.9)	15.0	(0.6)	1.2	(0.2)
New Zealand	5.1	(0.0)	0.56	(0.03)	5.3	(0.4)	84.3	(0.8)	7.7	(0.5)	2.0	(0.2)	0.8	(0.1)
Norway	5.8	(0.0)	0.67	(0.05)	0.3	(0.1)	24.8	(0.7)	70.2	(0.7)	3.9	(0.3)	0.8	(0.2)
Poland	7.0	(0.0)	0.07	(0.02)	0.0	c	0.0	c	0.5	(0.2)	99.5	(0.2)	0.0	c
Portugal	5.9	(0.0)	0.83	(0.04)	0.0	c	24.9	(0.8)	64.9	(0.8)	7.7	(0.4)	2.5	(0.3)
Slovak Republic	6.3	(0.0)	0.52	(0.01)	0.0	c	1.5	(0.2)	65.3	(1.1)	32.3	(1.0)	1.0	(0.1)
Slovenia	6.2	(0.0)	0.60	(0.01)	0.0	c	8.2	(0.6)	60.8	(0.9)	30.1	(0.8)	0.9	(0.2)
Spain	5.8	(0.0)	0.50	(0.01)	0.0	c	25.4	(0.7)	70.4	(0.8)	4.2	(0.4)	0.0	c
Sweden	6.8	(0.0)	0.68	(0.05)	0.3	(0.1)	1.5	(0.3)	25.3	(1.3)	70.2	(1.5)	2.8	(0.3)
Switzerland	6.5	(0.0)	1.03	(0.03)	2.8	(0.4)	6.4	(0.4)	44.2	(0.9)	41.4	(0.9)	5.1	(0.3)
Turkey	6.9	(0.0)	0.54	(0.01)	0.0	(0.0)	1.1	(0.2)	17.5	(0.7)	74.7	(0.8)	6.7	(0.5)
United Kingdom	5.0	(0.0)	0.63	(0.01)	19.9	(1.5)	64.2	(1.6)	14.6	(0.9)	1.2	(0.2)	0.0	(0.0)
United States	5.9	(0.0)	1.05	(0.07)	3.5	(0.3)	24.5	(0.8)	57.5	(0.9)	12.6	(0.6)	1.9	(0.2)
OECD average	6.1	(0.0)	0.60	(0.00)	3.7	(0.1)	16.2	(0.1)	51.1	(0.2)	27.1	(0.1)	1.9	(0.0)
<b>Partners</b>														
Albania	6.4	(0.0)	0.75	(0.04)	0.1	(0.1)	1.9	(0.2)	61.9	(1.1)	32.2	(1.0)	3.8	(0.4)
Argentina	5.9	(0.0)	0.50	(0.01)	0.0	c	16.3	(0.9)	74.6	(1.0)	9.1	(0.8)	0.0	c
Brazil	7.2	(0.0)	2.28	(0.04)	3.6	(0.2)	9.2	(0.4)	32.4	(0.9)	34.3	(1.0)	20.5	(0.7)
Bulgaria	6.9	(0.0)	0.54	(0.04)	0.1	(0.0)	0.2	(0.1)	13.4	(0.6)	82.8	(0.7)	3.5	(0.4)
Colombia	6.0	(0.0)	0.80	(0.01)	0.0	c	27.5	(0.9)	52.0	(0.9)	16.4	(0.8)	4.0	(0.4)
Costa Rica	6.6	(0.0)	0.60	(0.01)	0.0	c	2.9	(0.3)	40.6	(1.4)	54.6	(1.3)	1.8	(0.2)
Croatia	6.7	(0.0)	0.50	(0.00)	0.0	c	0.2	(0.1)	34.5	(0.8)	63.9	(0.8)	1.4	(0.2)
Cyprus*	6.1	(0.0)	0.61	(0.02)	1.1	(0.2)	7.6	(0.5)	76.1	(0.7)	14.4	(0.5)	0.8	(0.1)
Hong Kong-China	6.1	(0.0)	0.61	(0.02)	0.0	c	11.1	(0.6)	73.3	(1.0)	13.3	(0.7)	2.3	(0.3)
Indonesia	6.3	(0.0)	0.65	(0.01)	0.0	c	8.3	(0.9)	54.5	(1.4)	35.3	(1.6)	1.9	(0.3)
Jordan	6.0	(0.0)	0.64	(0.02)	1.1	(0.2)	9.1	(0.5)	78.8	(0.9)	9.6	(0.5)	1.4	(0.2)
Kazakhstan	6.5	(0.0)	0.60	(0.01)	0.0	c	3.3	(0.4)	42.5	(1.6)	52.0	(1.7)	2.2	(0.2)
Latvia	6.8	(0.0)	0.56	(0.01)	0.0	c	1.8	(0.4)	25.0	(0.9)	69.4	(1.0)	3.8	(0.4)
Liechtenstein	6.6	(0.1)	1.16	(0.21)	0.0	c	4.3	(1.2)	43.6	(3.0)	46.5	(2.9)	5.6	(1.4)
Lithuania	6.6	(0.0)	0.57	(0.01)	0.0	c	2.0	(0.2)	34.1	(0.8)	61.1	(0.9)	2.8	(0.3)
Macao-China	6.2	(0.0)	0.69	(0.01)	0.0	c	12.6	(0.5)	61.8	(0.7)	22.3	(0.7)	3.3	(0.2)
Malaysia	7.0	(0.0)	0.99	(0.06)	0.7	(0.2)	1.0	(0.2)	4.9	(0.7)	90.4	(0.8)	3.0	(0.3)
Montenegro	6.6	(0.0)	0.50	(0.00)	0.0	c	0.7	(0.1)	39.1	(0.6)	60.3	(0.6)	0.0	c
Peru	6.1	(0.0)	1.29	(0.06)	2.2	(0.2)	17.4	(0.6)	60.8	(0.9)	15.3	(0.7)	4.3	(0.4)
Qatar	5.8	(0.0)	0.86	(0.01)	10.0	(0.3)	19.5	(0.4)	51.8	(0.5)	18.7	(0.4)	0.0	c
Romania	6.8	(0.0)	0.40	(0.01)	0.1	(0.0)	0.2	(0.1)	18.5	(0.9)	81.2	(0.9)	0.0	c
Russian Federation	6.7	(0.0)	0.56	(0.01)	0.0	(0.0)	0.8	(0.2)	36.0	(1.6)	60.0	(1.6)	3.2	(0.2)
Serbia	6.9	(0.0)	0.36	(0.01)	0.0	c	0.0	c	12.3	(0.6)	85.9	(0.6)	1.8	(0.3)
Shanghai-China	6.7	(0.0)	0.82	(0.01)	1.3	(0.1)	3.7	(0.3)	31.0	(0.9)	51.1	(0.9)	13.0	(0.8)
Singapore	6.7	(0.0)	0.59	(0.01)	0.7	(0.1)	2.2	(0.2)	23.2	(0.7)	71.8	(0.8)	2.1	(0.2)
Chinese Taipei	6.8	(0.0)	0.67	(0.01)	0.0	c	3.0	(0.2)	26.5	(0.9)	59.1	(0.9)	11.4	(0.5)
Thailand	6.2	(0.0)	0.47	(0.01)	0.0	c	4.4	(0.5)	76.5	(1.1)	18.9	(1.0)	0.2	(0.1)
Tunisia	5.9	(0.0)	0.47	(0.03)	0.1	(0.1)	13.6	(0.5)	81.7	(0.7)	4.3	(0.5)	0.2	(0.1)
United Arab Emirates	6.0	(0.0)	1.08	(0.04)	3.6	(0.2)	23.6	(0.6)	54.1	(0.7)	15.7	(0.5)	3.0	(0.3)
Uruguay	5.9	(0.0)	0.54	(0.01)	1.5	(0.2)	11.9	(0.6)	78.0	(0.8)	8.0	(0.5)	0.6	(0.1)
Viet Nam	6.2	(0.0)	0.43	(0.01)	0.0	c	2.5	(0.3)	78.5	(1.6)	19.0	(1.6)	0.0	c

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Grade repetition

Table IV.2.2 Results based on students' self-reports

	Percentage of students reporting that they have repeated a grade in:																				
	Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary or upper secondary school											
	Never		Once	Never		Once	Never		Once			Twice or more									
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.							
OECD	Australia	93.3	(0.2)	6.4	(0.2)	0.3	(0.1)	98.7	(0.1)	1.2	(0.1)	0.1	(0.0)	99.7	(0.1)	0.3	(0.1)	0.0	(0.0)	7.5	(0.3)
	Austria	94.9	(0.4)	5.0	(0.4)	0.1	(0.0)	95.1	(0.4)	4.6	(0.4)	0.3	(0.1)	96.4	(0.3)	3.6	(0.3)	0.0	c	11.9	(0.7)
	Belgium	79.5	(0.7)	17.8	(0.6)	2.7	(0.2)	83.3	(0.6)	15.5	(0.6)	1.2	(0.1)	90.9	(0.4)	9.0	(0.4)	0.1	(0.0)	36.1	(0.6)
	Canada	95.8	(0.2)	3.9	(0.2)	0.3	(0.1)	95.6	(0.2)	3.8	(0.2)	0.7	(0.1)	99.1	(0.1)	0.7	(0.1)	0.2	(0.1)	8.0	(0.3)
	Chile	87.4	(0.9)	9.9	(0.6)	2.7	(0.5)	92.9	(0.6)	5.9	(0.6)	1.2	(0.3)	89.1	(0.7)	10.5	(0.7)	0.4	(0.1)	25.2	(1.2)
	Czech Republic	97.9	(0.4)	1.9	(0.4)	0.3	(0.1)	96.7	(0.4)	3.0	(0.4)	0.3	(0.1)	100.0	c	0.0	c	0.0	c	4.9	(0.6)
	Denmark	96.0	(0.4)	3.9	(0.4)	0.1	(0.0)	99.0	(0.2)	1.0	(0.2)	0.0	(0.0)	100.0	c	0.0	c	0.0	c	4.7	(0.4)
	Estonia	98.0	(0.3)	1.7	(0.2)	0.2	(0.1)	98.2	(0.3)	1.6	(0.3)	0.2	(0.1)	100.0	c	0.0	c	0.0	c	3.5	(0.4)
	Finland	96.8	(0.3)	3.1	(0.3)	0.1	(0.1)	99.3	(0.2)	0.7	(0.2)	0.0	(0.0)	c	c	c	c	c	c	3.8	(0.4)
	France	83.0	(0.7)	16.5	(0.7)	0.5	(0.1)	85.6	(0.7)	13.9	(0.7)	0.5	(0.1)	99.5	(0.1)	0.5	(0.1)	0.0	(0.0)	28.4	(0.8)
	Germany	89.8	(0.6)	9.6	(0.6)	0.7	(0.1)	87.2	(0.6)	12.3	(0.6)	0.5	(0.1)	100.0	c	0.0	c	0.0	c	20.3	(0.8)
	Greece	98.5	(0.3)	0.9	(0.2)	0.7	(0.1)	96.1	(0.7)	2.8	(0.5)	1.2	(0.3)	100.0	c	0.0	c	0.0	c	4.5	(0.7)
	Hungary	95.1	(0.6)	4.2	(0.5)	0.7	(0.2)	94.3	(0.7)	4.2	(0.5)	1.5	(0.4)	97.3	(0.3)	2.6	(0.3)	0.1	(0.0)	10.8	(0.9)
	Iceland	99.3	(0.1)	0.5	(0.1)	0.2	(0.1)	99.2	(0.1)	0.6	(0.1)	0.2	(0.1)	100.0	c	0.0	c	0.0	c	1.2	(0.2)
	Ireland	92.1	(0.4)	7.7	(0.4)	0.1	(0.1)	98.9	(0.2)	1.0	(0.1)	0.1	(0.0)	100.0	(0.0)	0.0	(0.0)	0.0	c	8.6	(0.4)
	Israel	98.8	(0.2)	1.2	(0.2)	0.0	c	99.3	(0.2)	0.7	(0.2)	0.0	c	100.0	c	0.0	c	0.0	c	1.9	(0.3)
	Italy	99.0	(0.1)	0.9	(0.1)	0.1	(0.0)	92.6	(0.3)	6.1	(0.3)	1.4	(0.2)	89.7	(0.4)	10.2	(0.4)	0.1	(0.0)	17.1	(0.5)
	Japan	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	0.0	c
	Korea	96.8	(0.2)	2.4	(0.2)	0.8	(0.1)	96.9	(0.2)	2.2	(0.2)	0.9	(0.1)	97.8	(0.2)	1.7	(0.2)	0.5	(0.1)	3.6	(0.3)
	Luxembourg	78.5	(0.5)	19.3	(0.5)	2.2	(0.2)	80.7	(0.6)	18.5	(0.6)	0.8	(0.1)	99.1	(0.2)	0.7	(0.2)	0.3	(0.1)	34.5	(0.5)
	Mexico	87.4	(0.5)	11.2	(0.4)	1.4	(0.1)	96.6	(0.3)	3.1	(0.3)	0.3	(0.0)	98.9	(0.1)	1.0	(0.1)	0.1	(0.0)	15.5	(0.6)
	Netherlands	79.1	(1.1)	20.2	(1.0)	0.7	(0.1)	92.1	(0.6)	7.8	(0.6)	0.1	(0.0)	99.7	(0.1)	0.3	(0.1)	0.0	c	27.6	(0.9)
	New Zealand	96.0	(0.3)	3.7	(0.3)	0.3	(0.1)	98.2	(0.2)	1.5	(0.2)	0.3	(0.1)	99.0	(0.2)	0.8	(0.2)	0.2	(0.1)	5.4	(0.3)
	Norway	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	c	c	c	c	c	c	0.0	c
	Poland	98.6	(0.2)	1.3	(0.2)	0.2	(0.1)	96.8	(0.3)	2.9	(0.3)	0.2	(0.1)	c	c	c	c	c	c	4.2	(0.4)
	Portugal	76.7	(1.5)	17.9	(1.2)	5.4	(0.6)	80.2	(1.5)	17.5	(1.4)	2.4	(0.3)	99.9	(0.1)	0.1	(0.1)	0.0	c	34.3	(1.9)
	Slovak Republic	95.1	(0.5)	3.5	(0.5)	1.4	(0.2)	96.6	(0.4)	2.9	(0.4)	0.5	(0.1)	99.5	(0.3)	0.2	(0.1)	0.3	(0.3)	7.6	(0.6)
	Slovenia	100.0	c	0.0	c	0.0	c	97.1	(0.4)	2.5	(0.4)	0.4	(0.1)	99.4	(0.1)	0.5	(0.1)	0.1	(0.0)	3.4	(0.4)
	Spain	86.2	(0.5)	12.9	(0.4)	0.8	(0.1)	72.3	(0.7)	25.0	(0.6)	2.7	(0.2)	c	c	c	c	c	c	32.9	(0.6)
	Sweden	96.6	(0.3)	3.1	(0.3)	0.2	(0.1)	98.7	(0.2)	1.1	(0.2)	0.2	(0.1)	98.7	(1.1)	0.0	c	1.3	(1.1)	4.0	(0.4)
	Switzerland	86.8	(0.7)	12.7	(0.7)	0.5	(0.1)	91.9	(0.5)	7.9	(0.5)	0.2	(0.0)	99.5	(0.2)	0.5	(0.2)	0.0	c	19.9	(0.9)
	Turkey	97.7	(0.3)	2.3	(0.3)	0.1	(0.0)	100.0	c	0.0	c	0.0	c	87.0	(0.8)	12.9	(0.8)	0.1	(0.1)	14.2	(0.9)
	United Kingdom	98.0	(0.2)	1.8	(0.2)	0.1	(0.0)	99.2	(0.1)	0.7	(0.1)	0.1	(0.0)	99.4	(0.1)	0.4	(0.1)	0.1	(0.1)	2.7	(0.3)
	United States	88.9	(0.9)	10.7	(0.9)	0.4	(0.1)	96.0	(0.3)	4.0	(0.3)	0.1	(0.0)	97.9	(0.3)	2.0	(0.3)	0.0	(0.0)	13.3	(1.0)
OECD average	92.9	(0.1)	6.4	(0.1)	0.7	(0.0)	94.3	(0.1)	5.2	(0.1)	0.5	(0.0)	97.9	(0.1)	2.0	(0.1)	0.1	(0.1)	12.4	(0.1)	
Partners	Albania	98.7	(0.2)	1.2	(0.2)	0.1	(0.0)	97.7	(0.3)	2.1	(0.3)	0.2	(0.1)	99.1	(0.2)	0.6	(0.2)	0.2	(0.1)	3.2	(0.3)
	Argentina	80.1	(1.5)	14.7	(1.1)	5.2	(0.6)	74.4	(1.6)	20.9	(1.3)	4.7	(0.5)	96.2	(0.6)	2.7	(0.4)	1.1	(0.3)	36.2	(2.2)
	Brazil	79.4	(0.7)	15.9	(0.6)	4.7	(0.4)	80.6	(0.8)	14.5	(0.6)	4.9	(0.4)	92.3	(0.4)	7.4	(0.4)	0.4	(0.1)	36.1	(1.0)
	Bulgaria	98.1	(0.3)	1.7	(0.2)	0.2	(0.1)	96.5	(0.4)	2.9	(0.3)	0.6	(0.1)	99.4	(0.1)	0.4	(0.1)	0.2	(0.1)	4.8	(0.5)
	Colombia	77.6	(0.9)	18.4	(0.8)	4.0	(0.4)	71.3	(1.2)	22.0	(0.9)	6.7	(0.5)	94.5	(0.5)	5.3	(0.5)	0.2	(0.1)	40.6	(1.1)
	Costa Rica	83.6	(1.2)	13.0	(0.9)	3.4	(0.4)	74.5	(1.5)	20.3	(1.1)	5.2	(0.6)	99.6	(0.1)	0.4	(0.1)	0.1	(0.1)	33.5	(1.8)
	Croatia	98.5	(0.2)	1.5	(0.2)	0.0	c	98.2	(0.2)	1.8	(0.2)	0.0	(0.0)	97.7	(0.3)	2.2	(0.3)	0.0	(0.0)	2.7	(0.3)
	Cyprus*	97.3	(0.2)	2.2	(0.2)	0.4	(0.1)	98.0	(0.2)	1.4	(0.2)	0.6	(0.1)	98.7	(0.2)	0.6	(0.1)	0.7	(0.1)	4.0	(0.2)
	Hong Kong-China	90.7	(0.5)	8.5	(0.5)	0.8	(0.1)	92.4	(0.5)	7.2	(0.5)	0.4	(0.1)	99.8	(0.1)	0.2	(0.1)	0.0	(0.0)	15.9	(0.7)
	Indonesia	85.4	(1.2)	13.3	(1.1)	1.3	(0.2)	95.0	(0.6)	4.4	(0.5)	0.6	(0.2)	96.2	(0.6)	3.5	(0.6)	0.3	(0.1)	15.5	(1.3)
	Jordan	95.1	(0.4)	4.3	(0.3)	0.6	(0.1)	94.2	(0.4)	4.9	(0.4)	1.0	(0.2)	100.0	c	0.0	c	0.0	c	7.9	(0.5)
	Kazakhstan	98.9	(0.2)	1.0	(0.2)	0.1	(0.0)	99.2	(0.2)	0.7	(0.2)	0.1	(0.1)	100.0	c	0.0	c	0.0	c	1.6	(0.3)
	Latvia	94.4	(0.4)	5.0	(0.4)	0.5	(0.2)	96.3	(0.5)	3.5	(0.5)	0.2	(0.1)	99.4	(0.6)	0.0	c	0.6	(0.6)	8.5	(0.6)
	Liechtenstein	89.0	(1.7)	11.0	(1.7)	0.0	c	90.6	(1.5)	9.4	(1.5)	0.0	c	c	c	c	c	c	c	18.9	(1.9)
	Lithuania	98.1	(0.2)	1.6	(0.2)	0.3	(0.1)	98.9	(0.2)	0.8	(0.1)	0.2	(0.1)	c	c	c	c	c	c	2.5	(0.2)
	Macao-China	77.0	(0.4)	17.0	(0.4)	6.0	(0.3)	70.5	(0.5)	25.0	(0.5)	4.5	(0.2)	99.3	(0.2)	0.6	(0.2)	0.0	(0.0)	41.2	(0.4)
	Malaysia	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	0.0	c
	Montenegro	99.5	(0.1)	0.3	(0.1)	0.2	(0.1)	99.3	(0.1)	0.5	(0.1)	0.2	(0.1)	99.4	(0.1)	0.4	(0.1)	0.1	(0.1)	1.3	(0.2)
	Peru	80.8	(1.0)	16.1	(0.9)	3.0	(0.2)	87.2	(0.9)	11.0	(0.8)	1.8	(0.2)	98.8	(0.2)	1.0	(0.2)	0.1	(0.1)	27.5	(1.3)
	Qatar	91.2	(0.3)	7.4	(0.2)	1.3	(0.1)	93.8	(0.2)	5.0	(0.2)	1.2	(0.1)	96.5	(0.2)	2.2	(0.2)	1.4	(0.1)	13.3	(0.3)
	Romania	97.0	(0.3)	2.4	(0.3)	0.6	(0.1)	97.3	(0.3)	2.1	(0.3)	0.7	(0.1)	100.0	c	0.0	c	0.0	c	4.5	(0.4)
	Russian Federation	98.3	(0.2)	1.5	(0.2)	0.2	(0.1)	99.1	(0.2)	0.8	(0.2)	0.1	(0.1)	100.0	c	0.0	c	0.0	c	2.5	(0.3)
	Serbia	99.6	(0.1)	0.4	(0.1)	0.0	(0.0)	98.7	(0.5)	1.1	(0.4)	0.2	(0.1)	99.4	(0.1)	0.6	(0.1)	0.1	(0.0)	1.6	(0.5)
	Shanghai-China	93.3	(0.8)	6.1	(0.7)	0.6	(0.1)	97.2	(0.3)	2.7	(0.3)	0.1	(0.0)	100.0	(0.0)	0.0	(0.0)	0.0	c	9.1	(0.9)
	Singapore	97.3	(0.2)	2.3	(0.2)	0.4	(0.1)	98.5	(0.1)	1.2	(0.1)	0.3	(0.1)	97.7	(0.2)	2.2	(0.2)	0.1	(0.0)	5.7	(0.2)
	Chinese Taipei	99.5	(0.1)	0.5	(0.1)	0.1	(0.0)	99.7	(0.1)	0.3	(0.1)	0.1	(0.0)	99.8	(0.1)	0.1	(0.1)	0.1	(0.0)	0.8	(0.1)
	Thailand	98.1	(0.2)	1.9	(0.2)																

[Part 1/1]

**Relationship between grade repetition and students' socio-economic status**  
*Logistic regression after accounting for mathematics performance*


Table IV.2.3

		Logistic regression model estimating student reported to have repeated a grade at least once <sup>1</sup>					
		Intercept		Mathematics performance (1 score point increase)		PISA index of economic, social and cultural status (ESCS) (1 unit increase)	
		Intercept	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.
OECD	Australia	0.67	(0.22)	<b>-0.007</b>	(0.000)	0.03	(0.05)
	Austria	2.04	(0.39)	<b>-0.008</b>	(0.001)	-0.01	(0.08)
	Belgium	5.43	(0.21)	<b>-0.012</b>	(0.000)	<b>-0.32</b>	(0.04)
	Canada	2.29	(0.32)	<b>-0.010</b>	(0.001)	<b>-0.45</b>	(0.05)
	Chile	5.12	(0.30)	<b>-0.015</b>	(0.001)	0.00	(0.04)
	Czech Republic	4.20	(0.62)	<b>-0.017</b>	(0.001)	-0.28	(0.17)
	Denmark	2.64	(0.50)	<b>-0.012</b>	(0.001)	-0.18	(0.10)
	Estonia	4.26	(0.61)	<b>-0.016</b>	(0.001)	-0.19	(0.16)
	Finland	4.25	(0.54)	<b>-0.016</b>	(0.001)	<b>-0.36</b>	(0.13)
	France	7.90	(0.50)	<b>-0.019</b>	(0.001)	<b>-0.30</b>	(0.08)
	Germany	3.53	(0.35)	<b>-0.010</b>	(0.001)	-0.08	(0.06)
	Greece	2.86	(0.59)	<b>-0.016</b>	(0.001)	<b>-0.62</b>	(0.11)
	Hungary	3.81	(0.73)	<b>-0.014</b>	(0.002)	<b>-0.31</b>	(0.11)
	Iceland	-1.15	(0.88)	<b>-0.007</b>	(0.002)	-0.23	(0.25)
	Ireland	1.47	(0.29)	<b>-0.008</b>	(0.001)	<b>0.16</b>	(0.06)
	Israel	-0.50	(0.70)	<b>-0.008</b>	(0.002)	-0.18	(0.13)
	Italy	2.89	(0.18)	<b>-0.010</b>	(0.000)	<b>-0.25</b>	(0.03)
	Japan	a	a	a	a	a	a
	Korea	-1.40	(0.44)	<b>-0.004</b>	(0.001)	<b>0.26</b>	(0.10)
	Luxembourg	5.70	(0.24)	<b>-0.013</b>	(0.001)	<b>-0.20</b>	(0.03)
	Mexico	3.23	(0.21)	<b>-0.013</b>	(0.001)	<b>-0.21</b>	(0.03)
	Netherlands	3.24	(0.30)	<b>-0.008</b>	(0.001)	-0.07	(0.05)
	New Zealand	0.31	(0.39)	<b>-0.007</b>	(0.001)	0.07	(0.09)
	Norway	a	a	a	a	a	a
	Poland	4.02	(0.63)	<b>-0.016</b>	(0.001)	<b>-0.39</b>	(0.14)
	Portugal	8.93	(0.47)	<b>-0.021</b>	(0.001)	<b>-0.38</b>	(0.06)
	Slovak Republic	2.95	(0.65)	<b>-0.015</b>	(0.001)	<b>-0.96</b>	(0.15)
	Slovenia	2.82	(0.59)	<b>-0.014</b>	(0.001)	<b>-0.50</b>	(0.17)
	Spain	7.42	(0.23)	<b>-0.018</b>	(0.000)	<b>-0.41</b>	(0.04)
	Sweden	2.34	(0.41)	<b>-0.013</b>	(0.001)	<b>-0.38</b>	(0.10)
	Switzerland	3.84	(0.24)	<b>-0.010</b>	(0.000)	-0.03	(0.05)
	Turkey	4.34	(0.40)	<b>-0.014</b>	(0.001)	<b>0.16</b>	(0.04)
	United Kingdom	1.46	(0.48)	<b>-0.011</b>	(0.001)	0.22	(0.12)
	United States	2.96	(0.35)	<b>-0.011</b>	(0.001)	<b>-0.17</b>	(0.06)
OECD average	3.25	(0.08)	<b>-0.012</b>	(0.000)	<b>-0.21</b>	(0.02)	
Partners	Albania	m	m	m	m	m	m
	Argentina	4.59	(0.32)	<b>-0.014</b>	(0.001)	-0.12	(0.06)
	Brazil	4.24	(0.19)	<b>-0.013</b>	(0.000)	<b>-0.05</b>	(0.03)
	Bulgaria	2.15	(0.70)	<b>-0.015</b>	(0.002)	<b>-0.62</b>	(0.13)
	Colombia	2.80	(0.25)	<b>-0.009</b>	(0.001)	-0.04	(0.03)
	Costa Rica	5.14	(0.41)	<b>-0.015</b>	(0.001)	<b>-0.13</b>	(0.04)
	Croatia	-0.29	(0.56)	<b>-0.007</b>	(0.001)	0.06	(0.12)
	Cyprus*	1.03	(0.33)	<b>-0.011</b>	(0.001)	-0.12	(0.09)
	Hong Kong-China	2.31	(0.32)	<b>-0.008</b>	(0.001)	<b>-0.15</b>	(0.07)
	Indonesia	0.92	(0.47)	<b>-0.008</b>	(0.001)	<b>-0.20</b>	(0.06)
	Jordan	2.38	(0.56)	<b>-0.014</b>	(0.002)	-0.11	(0.07)
	Kazakhstan	-1.43	(0.94)	<b>-0.007</b>	(0.002)	-0.26	(0.18)
	Latvia	5.38	(0.78)	<b>-0.018</b>	(0.002)	<b>-0.56</b>	(0.13)
	Liechtenstein	1.52	(0.84)	<b>-0.006</b>	(0.002)	-0.30	(0.17)
	Lithuania	2.24	(0.67)	<b>-0.014</b>	(0.002)	<b>-0.44</b>	(0.12)
	Macao-China	6.43	(0.23)	<b>-0.013</b>	(0.000)	<b>-0.19</b>	(0.04)
	Malaysia	a	a	a	a	a	a
	Montenegro	-1.71	(0.80)	<b>-0.008</b>	(0.002)	<b>-0.45</b>	(0.17)
	Peru	2.28	(0.25)	<b>-0.010</b>	(0.001)	<b>-0.21</b>	(0.04)
	Qatar	0.67	(0.15)	<b>-0.007</b>	(0.000)	<b>-0.12</b>	(0.03)
	Romania	-0.53	(0.85)	<b>-0.007</b>	(0.002)	<b>-0.59</b>	(0.15)
	Russian Federation	0.63	(0.71)	<b>-0.011</b>	(0.002)	<b>-0.82</b>	(0.18)
	Serbia	1.45	(0.96)	<b>-0.015</b>	(0.002)	-0.46	(0.27)
	Shanghai-China	2.39	(0.41)	<b>-0.009</b>	(0.001)	<b>-0.63</b>	(0.08)
	Singapore	1.66	(0.36)	<b>-0.008</b>	(0.001)	0.10	(0.07)
	Chinese Taipei	-0.96	(0.92)	<b>-0.009</b>	(0.002)	<b>-0.50</b>	(0.19)
	Thailand	-1.19	(0.62)	<b>-0.005</b>	(0.001)	0.09	(0.08)
	Tunisia	7.09	(0.48)	<b>-0.021</b>	(0.001)	<b>-0.29</b>	(0.05)
	United Arab Emirates	2.75	(0.28)	<b>-0.012</b>	(0.001)	<b>-0.25</b>	(0.07)
	Uruguay	5.68	(0.35)	<b>-0.017</b>	(0.001)	<b>-0.37</b>	(0.04)
Viet Nam	4.32	(0.91)	<b>-0.017</b>	(0.002)	<b>-0.49</b>	(0.14)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Logistic regression: Repeat = Intercept + variables listed in this table; where Repeat is equal to 0 if a student reported to have not repeated a grade and it is equal to 1 if a student reported to have repeated a grade.

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Student grade level

Table IV.2.4 Results based on students' self-reports

	Modal grade	Variation in student grade level		Percentage of students at:						Percentage of students enrolled in:			
				Grades below the modal grade		The modal grade		Grades above the modal grade		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)	
				S.D.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>													
Australia	10	0.55	(0.01)	10.9	(0.5)	70.0	(0.6)	19.1	(0.4)	80.9	(0.4)	19.1	(0.4)
Austria	10	0.61	(0.01)	49.0	(1.0)	51.0	(1.0)	0.1	(0.0)	5.6	(0.7)	94.4	(0.7)
Belgium	10	0.67	(0.01)	37.4	(0.6)	59.5	(0.6)	3.0	(0.3)	10.3	(0.6)	89.7	(0.6)
Canada	10	0.42	(0.01)	14.4	(0.6)	84.6	(0.6)	1.1	(0.1)	14.4	(0.6)	85.6	(0.6)
Chile	10	0.71	(0.02)	27.1	(1.2)	66.1	(1.2)	6.7	(0.3)	5.5	(0.8)	94.5	(0.8)
Czech Republic	9	0.59	(0.01)	4.9	(0.5)	51.1	(1.2)	44.1	(1.3)	56.1	(1.2)	43.9	(1.2)
Denmark	9	0.41	(0.01)	18.3	(0.9)	80.6	(0.8)	1.0	(0.2)	99.5	(0.1)	0.5	(0.1)
Estonia	9	0.47	(0.01)	22.7	(0.7)	75.4	(0.7)	1.9	(0.3)	98.1	(0.3)	1.9	(0.3)
Finland	9	0.39	(0.01)	14.9	(0.4)	85.0	(0.4)	0.1	(0.1)	99.9	(0.1)	0.1	(0.1)
France	10	0.57	(0.01)	29.8	(0.7)	66.6	(0.7)	3.6	(0.3)	29.8	(0.7)	70.2	(0.7)
Germany	9	0.67	(0.01)	10.6	(0.6)	51.9	(0.8)	37.5	(0.9)	97.6	(0.8)	2.4	(0.8)
Greece	10	0.33	(0.03)	5.5	(1.0)	94.5	(1.0)	0.0	c	5.5	(1.0)	94.5	(1.0)
Hungary	9	0.63	(0.02)	11.6	(0.9)	67.8	(0.9)	20.6	(0.6)	11.6	(0.9)	88.4	(0.9)
Iceland	10	0.00	(0.00)	0.0	c	100.0	c	0.0	c	100.0	c	0.0	c
Ireland	9	0.75	(0.01)	1.9	(0.2)	60.5	(0.8)	37.6	(0.8)	62.4	(0.8)	37.6	(0.8)
Israel	10	0.41	(0.01)	17.5	(0.9)	81.7	(0.9)	0.8	(0.3)	13.1	(1.1)	86.9	(1.1)
Italy	10	0.51	(0.01)	18.9	(0.6)	78.5	(0.7)	2.6	(0.2)	2.1	(0.2)	97.9	(0.2)
Japan	10	0.00	(0.00)	0.0	c	100.0	c	0.0	c	0.0	c	100.0	c
Korea	10	0.24	(0.02)	5.9	(0.8)	93.8	(0.8)	0.2	(0.1)	5.9	(0.8)	94.1	(0.8)
Luxembourg	9	0.67	(0.00)	10.9	(0.2)	50.7	(0.1)	38.5	(0.1)	60.0	(0.1)	40.0	(0.1)
Mexico	10	0.68	(0.01)	37.0	(1.1)	60.8	(1.1)	2.2	(0.3)	37.0	(1.1)	63.0	(1.1)
Netherlands	10	0.57	(0.01)	50.3	(1.1)	49.2	(1.1)	0.5	(0.1)	70.3	(1.6)	29.7	(1.6)
New Zealand	11	0.35	(0.01)	6.3	(0.4)	88.3	(0.5)	5.4	(0.4)	6.3	(0.4)	93.7	(0.4)
Norway	10	0.08	(0.01)	0.4	(0.1)	99.4	(0.1)	0.2	(0.0)	99.8	(0.0)	0.2	(0.0)
Poland	9	0.25	(0.01)	4.6	(0.4)	94.9	(0.4)	0.5	(0.2)	99.5	(0.2)	0.5	(0.2)
Portugal	10	0.75	(0.02)	35.6	(1.9)	54.9	(2.2)	9.5	(1.4)	44.9	(2.3)	55.1	(2.3)
Slovak Republic	10	0.69	(0.02)	45.7	(1.4)	52.7	(1.4)	1.6	(0.5)	45.2	(1.4)	54.8	(1.4)
Slovenia	10	0.32	(0.02)	5.4	(0.8)	90.7	(0.8)	3.9	(0.2)	5.4	(0.8)	94.6	(0.8)
Spain	10	0.67	(0.01)	34.0	(0.6)	66.0	(0.6)	0.0	(0.0)	100.0	(0.0)	0.0	(0.0)
Sweden	9	0.25	(0.01)	3.7	(0.3)	94.0	(0.6)	2.2	(0.5)	97.8	(0.6)	2.2	(0.6)
Switzerland	9	0.63	(0.01)	13.5	(0.8)	60.6	(1.0)	25.9	(1.0)	76.8	(1.2)	23.2	(1.2)
Turkey	10	0.61	(0.02)	30.3	(1.2)	65.5	(1.2)	4.3	(0.3)	2.7	(0.4)	97.3	(0.4)
United Kingdom	11	0.22	(0.01)	1.4	(0.3)	95.0	(0.3)	3.6	(0.1)	0.1	(0.0)	99.9	(0.0)
United States	10	0.55	(0.01)	12.0	(1.1)	71.2	(1.1)	16.8	(0.8)	12.0	(1.1)	88.0	(1.1)
OECD average	10	0.48	(0.00)	17.4	(0.1)	73.9	(0.2)	8.7	(0.1)	45.8	(0.2)	54.2	(0.2)
<b>Partners</b>													
Albania	10	0.55	(0.01)	41.7	(2.5)	58.0	(2.5)	0.3	(0.1)	41.7	(2.5)	58.3	(2.5)
Argentina	10	0.86	(0.03)	36.6	(2.2)	59.4	(2.1)	4.0	(0.9)	36.6	(2.2)	63.4	(2.2)
Brazil	11	0.95	(0.02)	55.4	(1.0)	42.0	(1.0)	2.6	(0.2)	20.4	(1.1)	79.6	(1.1)
Bulgaria	9	0.36	(0.02)	5.5	(0.6)	89.5	(0.7)	4.9	(0.4)	4.8	(0.6)	95.2	(0.6)
Colombia	10	1.11	(0.02)	39.1	(1.2)	40.2	(0.9)	20.7	(1.0)	39.1	(1.2)	60.9	(1.2)
Costa Rica	9	0.91	(0.02)	21.1	(1.5)	39.6	(1.3)	39.4	(1.8)	60.6	(1.8)	39.4	(1.8)
Croatia	9	0.40	(0.00)	0.0	c	79.8	(0.4)	20.2	(0.4)	0.0	c	100.0	(0.0)
Cyprus*	10	0.27	(0.00)	5.0	(0.1)	94.3	(0.1)	0.7	(0.0)	5.0	(0.1)	95.0	(0.1)
Hong Kong-China	10	0.68	(0.02)	33.5	(1.0)	65.0	(0.9)	1.5	(1.4)	33.5	(1.0)	66.5	(1.0)
Indonesia	10	0.80	(0.03)	47.9	(3.3)	47.7	(3.0)	4.4	(0.8)	47.9	(3.3)	52.1	(3.3)
Jordan	10	0.32	(0.01)	7.1	(0.4)	92.9	(0.4)	0.0	c	100.0	c	0.0	c
Kazakhstan	9	0.55	(0.01)	5.1	(0.5)	67.2	(1.9)	27.7	(2.0)	72.3	(2.0)	27.7	(2.0)
Latvia	9	0.49	(0.02)	16.8	(0.8)	79.3	(0.8)	4.0	(0.6)	96.1	(0.7)	3.9	(0.7)
Liechtenstein	9	0.69	(0.02)	19.0	(1.4)	66.3	(1.3)	14.6	(0.2)	88.2	(0.2)	11.8	(0.2)
Lithuania	9	0.44	(0.01)	6.4	(0.5)	80.7	(0.7)	12.9	(0.7)	100.0	(0.0)	0.0	(0.0)
Macao-China	10	0.90	(0.00)	54.9	(0.1)	44.6	(0.1)	0.5	(0.1)	54.9	(0.1)	45.1	(0.1)
Malaysia	10	0.20	(0.01)	4.0	(0.5)	96.0	(0.5)	0.0	(0.0)	4.0	(0.5)	96.0	(0.5)
Montenegro	9	0.40	(0.00)	0.1	(0.0)	79.5	(0.1)	20.4	(0.1)	0.4	(0.2)	99.6	(0.2)
Peru	10	0.97	(0.02)	28.6	(1.3)	47.7	(0.9)	23.7	(0.8)	29.5	(1.4)	70.5	(1.4)
Qatar	10	0.72	(0.00)	17.8	(0.1)	64.8	(0.1)	17.4	(0.1)	17.8	(0.1)	82.2	(0.1)
Romania	9	0.37	(0.01)	7.7	(0.4)	87.2	(0.6)	5.1	(0.4)	100.0	c	0.0	c
Russian Federation	9	0.53	(0.01)	8.7	(0.5)	73.8	(1.6)	17.5	(1.8)	82.5	(1.8)	17.5	(1.8)
Serbia	9	0.19	(0.03)	1.6	(0.7)	96.7	(0.7)	1.7	(0.2)	1.6	(0.7)	98.4	(0.7)
Shanghai-China	10	0.65	(0.02)	45.1	(1.3)	54.2	(1.3)	0.7	(0.1)	44.4	(1.2)	55.6	(1.2)
Singapore	10	0.42	(0.01)	10.4	(0.3)	89.6	(0.3)	0.1	(0.1)	2.4	(0.2)	97.6	(0.2)
Chinese Taipei	10	0.48	(0.00)	36.4	(0.7)	63.6	(0.7)	0.0	c	36.4	(0.7)	63.6	(0.7)
Thailand	10	0.47	(0.01)	21.1	(1.0)	76.0	(1.1)	2.9	(0.5)	21.1	(1.0)	78.9	(1.0)
Tunisia	10	0.95	(0.02)	37.4	(3.0)	56.7	(2.7)	5.9	(0.5)	37.4	(3.0)	62.6	(3.0)
United Arab Emirates	10	0.75	(0.02)	15.0	(1.0)	61.9	(1.0)	23.0	(0.8)	15.0	(0.9)	85.0	(0.9)
Uruguay	10	0.95	(0.02)	41.4	(1.5)	57.3	(1.5)	1.3	(0.2)	41.4	(1.5)	58.6	(1.5)
Viet Nam	10	0.45	(0.04)	11.0	(2.2)	85.3	(2.6)	3.8	(1.6)	10.5	(2.2)	89.5	(2.2)

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Table IV.2.5 Horizontal stratification of school systems


	Source	Number of school types or distinct education programmes available to 15-year-old students	First age of selection in the education system
OECD	Australia	a	1.0
	Austria	a	4.0
	Belgium <sup>1</sup>	a	4.0
	Canada	a	1.0
	Chile	a	1.0
	Czech Republic	b	6.0
	Denmark	a	1.0
	Estonia	a	1.0
	Finland	a	1.0
	France	b	3.0
	Germany	a	4.0
	Greece	a	2.0
	Hungary	a	3.0
	Iceland	a	1.0
	Ireland	a	4.0
	Israel	a	2.0
	Italy	b	4.0
	Japan	a	2.0
	Korea	a	3.0
	Luxembourg	a	4.0
	Mexico	a	3.0
	Netherlands	a	7.0
	New Zealand	a	1.0
	Norway	a	1.0
	Poland	a	1.0
	Portugal	a	3.0
	Slovak Republic	a	5.0
	Slovenia	a	3.0
	Spain	a	1.0
	Sweden	a	1.0
	Switzerland	a	4.0
	Turkey	a	3.0
United Kingdom	a	1.0	
United States	a	1.0	
OECD average		2.6	
Partners	Albania	b	3.0
	Argentina	a	3.0
	Brazil	b	2.0
	Bulgaria	b	3.0
	Colombia	b	2.0
	Costa Rica		m
	Croatia	b	5.0
	Cyprus*	b	2.0
	Hong Kong-China	b	2.0
	Indonesia	a	1.0
	Jordan	b	1.0
	Kazakhstan		m
	Latvia	b	5.0
	Liechtenstein	b	3.0
	Lithuania	b	5.0
	Macao-China	b	2.0
	Malaysia	b	5.0
	Montenegro	b	6.0
	Peru	b	3.0
	Qatar	b	4.0
	Romania	b	2.0
	Russian Federation	b	3.0
	Serbia		m
	Shanghai-China	b	5.0
	Singapore	b	4.0
	Chinese Taipei	b	3.0
	Thailand	b	2.0
	Tunisia		m
	United Arab Emirates	b	5.0
	Uruguay	b	6.0
	Viet Nam	b	4.0

1. The first age of selection is 14 in Belgium (French Community) since 2008-09.

\* See notes at the beginning of this Annex.

Sources: a) OECD (2010), *PISA 2009 Results: What Makes a School Successful*

b) PISA system-level data collection in 2013.

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[Part 1/1]  
**Programme orientation**  
*Results based on students' self-reports*

Table IV.2.6

		Percentage of students who are enrolled in a programme whose curriculum is:					
		General		Pre-vocational or vocational		Modular programmes	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	89.1	(0.5)	10.9	(0.5)	0.0	c
	Austria	30.7	(0.9)	69.3	(0.9)	0.0	c
	Belgium	56.0	(1.1)	44.0	(1.1)	0.0	c
	Canada	0.0	c	0.0	c	100.0	(0.0)
	Chile	97.2	(0.2)	2.8	(0.2)	0.0	c
	Czech Republic	69.0	(1.2)	31.0	(1.2)	0.0	c
	Denmark	100.0	c	0.0	c	0.0	c
	Estonia	99.6	(0.2)	0.4	(0.2)	0.0	c
	Finland	100.0	c	0.0	c	0.0	c
	France	84.7	(1.2)	15.3	(1.2)	0.0	c
	Germany	98.0	(0.9)	2.0	(0.9)	0.0	c
	Greece	86.5	(2.3)	13.5	(2.3)	0.0	c
	Hungary	85.7	(1.1)	14.3	(1.1)	0.0	c
	Iceland	100.0	c	0.0	c	0.0	c
	Ireland	99.2	(0.2)	0.8	(0.2)	0.0	c
	Israel	96.9	(0.2)	3.1	(0.2)	0.0	c
	Italy	50.4	(0.9)	49.6	(0.9)	0.0	c
	Japan	75.8	(0.8)	24.2	(0.8)	0.0	c
	Korea	80.1	(1.4)	19.9	(1.4)	0.0	c
	Luxembourg	78.6	(0.2)	14.5	(0.1)	6.9	(0.2)
	Mexico	74.8	(1.0)	25.2	(1.0)	0.0	c
	Netherlands	77.8	(1.7)	22.2	(1.7)	0.0	c
	New Zealand	100.0	c	0.0	c	0.0	c
	Norway	100.0	c	0.0	c	0.0	c
	Poland	99.9	(0.0)	0.1	(0.0)	0.0	c
	Portugal	83.3	(2.0)	16.7	(2.0)	0.0	c
	Slovak Republic	65.7	(1.5)	8.2	(1.4)	26.1	(1.3)
	Slovenia	46.8	(0.5)	53.2	(0.5)	0.0	c
	Spain	99.3	(0.1)	0.7	(0.1)	0.0	c
	Sweden	99.6	(0.1)	0.4	(0.1)	0.0	c
	Switzerland	89.3	(1.0)	10.7	(1.0)	0.0	c
	Turkey	61.9	(0.5)	38.1	(0.5)	0.0	c
	United Kingdom	98.9	(0.1)	1.1	(0.1)	0.0	c
	United States	100.0	c	0.0	c	0.0	c
OECD average	81.6	(0.2)	14.5	(0.2)	3.9	(0.5)	
Partners	Albania	91.6	(1.9)	8.4	(1.9)	0.0	c
	Argentina	85.5	(2.6)	14.5	(2.6)	0.0	c
	Brazil	100.0	(0.0)	0.0	(0.0)	0.0	c
	Bulgaria	59.2	(1.6)	40.8	(1.6)	0.0	c
	Colombia	74.8	(2.3)	25.2	(2.3)	0.0	c
	Costa Rica	90.9	(1.7)	9.1	(1.7)	0.0	c
	Croatia	29.9	(1.2)	70.1	(1.2)	0.0	c
	Cyprus*	89.2	(0.1)	10.8	(0.1)	0.0	c
	Hong Kong-China	100.0	c	0.0	c	0.0	c
	Indonesia	79.8	(3.1)	20.2	(3.1)	0.0	c
	Jordan	100.0	c	0.0	c	0.0	c
	Kazakhstan	92.3	(2.1)	7.7	(2.1)	0.0	c
	Latvia	99.1	(0.5)	0.9	(0.5)	0.0	c
	Liechtenstein	100.0	c	0.0	c	0.0	c
	Lithuania	99.4	(0.2)	0.6	(0.2)	0.0	c
	Macao-China	98.4	(0.1)	1.6	(0.1)	0.0	c
	Malaysia	86.7	(1.2)	13.3	(1.2)	0.0	c
	Montenegro	34.0	(0.2)	66.0	(0.2)	0.0	c
	Peru	100.0	c	0.0	c	0.0	c
	Qatar	100.0	c	0.0	c	0.0	c
	Romania	100.0	c	0.0	c	0.0	c
	Russian Federation	95.9	(1.1)	4.1	(1.1)	0.0	c
	Serbia	25.6	(1.0)	74.4	(1.0)	0.0	c
	Shanghai-China	78.8	(0.6)	21.2	(0.6)	0.0	c
	Singapore	100.0	c	0.0	c	0.0	c
	Chinese Taipei	65.5	(1.4)	34.5	(1.4)	0.0	c
	Thailand	80.4	(0.6)	19.6	(0.6)	0.0	c
	Tunisia	100.0	c	0.0	c	0.0	c
	United Arab Emirates	97.3	(0.0)	2.7	(0.0)	0.0	c
	Uruguay	97.3	(0.4)	1.4	(0.4)	1.3	(0.3)
Viet Nam	99.3	(0.7)	0.0	c	0.7	(0.7)	

\* See notes at the beginning of this Annex.

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[Part 1/2]  
School admissions policies

Table IV.2.7 Results based on school principals' reports

		Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:																							
		Residence in a particular area			Students' records of academic performance						Recommendations of feeder schools			Parents' endorsement of the instructional or religious philosophy of the school											
		Never		Sometimes	Never		Sometimes	Always	Never		Sometimes	Always	Never		Sometimes	Always									
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.								
OECD	Australia	35.4	(1.5)	19.8	(1.6)	44.8	(1.5)	26.5	(1.8)	40.6	(1.7)	32.9	(1.8)	23.3	(1.5)	43.9	(2.2)	32.9	(2.0)	46.4	(1.9)	22.6	(1.7)	31.0	(1.4)
	Austria	53.9	(3.9)	17.4	(2.8)	28.7	(3.2)	20.0	(1.5)	9.9	(2.2)	70.1	(2.1)	52.1	(3.5)	40.2	(3.9)	7.7	(1.9)	73.7	(3.8)	22.2	(3.6)	4.1	(1.8)
	Belgium	82.2	(2.5)	16.3	(2.3)	1.5	(0.8)	45.1	(2.5)	29.2	(2.8)	25.7	(2.7)	56.0	(2.7)	38.1	(3.0)	5.9	(1.5)	42.3	(2.8)	16.8	(2.3)	40.9	(3.0)
	Canada	17.8	(1.6)	12.8	(1.3)	69.4	(1.9)	41.6	(2.6)	31.8	(2.3)	26.6	(1.8)	34.5	(2.5)	35.6	(2.3)	29.9	(2.5)	67.0	(2.2)	20.7	(2.2)	12.3	(1.6)
	Chile	63.9	(3.6)	24.3	(3.5)	11.8	(2.4)	30.1	(3.4)	35.7	(4.1)	34.2	(3.6)	41.5	(3.6)	44.7	(3.9)	13.8	(2.9)	61.8	(3.4)	12.7	(2.6)	25.6	(2.9)
	Czech Republic	69.9	(3.2)	16.1	(3.1)	14.0	(2.1)	32.8	(2.5)	12.7	(2.6)	54.5	(2.5)	50.5	(3.2)	38.3	(3.2)	11.3	(2.6)	64.7	(3.7)	18.8	(3.3)	16.5	(2.9)
	Denmark	33.2	(3.5)	25.6	(3.1)	41.2	(3.3)	70.1	(2.7)	23.0	(2.6)	7.0	(1.7)	57.1	(3.6)	31.0	(3.8)	11.9	(2.0)	59.0	(3.4)	21.6	(3.3)	19.3	(2.5)
	Estonia	21.7	(2.6)	26.5	(2.3)	51.7	(3.0)	28.5	(2.3)	34.4	(2.3)	37.0	(2.6)	42.7	(2.8)	53.3	(2.8)	4.0	(1.2)	57.6	(2.8)	31.4	(2.9)	10.9	(1.8)
	Finland	23.2	(3.2)	9.9	(2.0)	66.9	(3.3)	83.0	(2.1)	13.9	(1.8)	3.1	(1.0)	80.3	(2.4)	17.0	(2.2)	2.7	(0.8)	87.8	(2.1)	6.3	(1.5)	5.9	(1.5)
	France	18.2	(2.1)	21.0	(2.8)	60.8	(2.7)	40.1	(3.0)	29.7	(3.6)	30.2	(2.9)	60.3	(2.9)	33.3	(3.0)	6.4	(1.6)	76.5	(2.2)	9.5	(2.3)	14.0	(1.8)
	Germany	21.0	(2.9)	30.1	(3.3)	48.9	(3.5)	21.5	(3.0)	29.5	(3.3)	48.9	(3.7)	22.4	(2.9)	33.3	(3.4)	44.3	(3.9)	72.5	(3.2)	18.0	(2.7)	9.5	(1.9)
	Greece	14.0	(2.8)	14.5	(3.3)	71.5	(4.0)	76.0	(2.8)	19.6	(2.6)	4.4	(1.7)	64.3	(3.7)	29.2	(3.4)	6.5	(2.0)	84.9	(2.5)	9.9	(2.2)	5.1	(1.5)
	Hungary	51.1	(3.7)	29.0	(3.6)	19.9	(2.7)	7.5	(1.0)	9.6	(2.1)	82.9	(2.2)	50.8	(4.2)	39.6	(4.3)	9.6	(2.6)	52.2	(3.9)	24.9	(3.6)	22.9	(3.1)
	Iceland	21.2	(0.2)	30.7	(0.2)	48.1	(0.2)	72.3	(0.2)	19.6	(0.2)	8.1	(0.2)	42.6	(0.2)	38.2	(0.3)	19.2	(0.2)	85.0	(0.2)	14.9	(0.2)	0.1	(0.0)
	Ireland	38.3	(4.0)	17.4	(3.0)	44.4	(4.0)	64.5	(4.0)	13.8	(2.6)	21.6	(3.4)	53.0	(4.1)	22.6	(3.2)	24.4	(3.6)	49.8	(3.8)	24.6	(3.4)	25.6	(3.4)
	Israel	29.4	(3.5)	31.8	(4.2)	38.8	(3.7)	26.8	(3.6)	30.6	(3.7)	42.6	(4.1)	23.9	(3.2)	34.0	(3.5)	42.1	(4.0)	39.8	(3.3)	19.0	(2.8)	41.1	(3.2)
	Italy	36.8	(2.4)	36.2	(2.1)	27.0	(1.9)	21.9	(1.6)	21.7	(2.0)	56.5	(2.1)	20.6	(1.6)	30.6	(2.0)	48.8	(2.0)	37.1	(2.0)	23.1	(1.8)	39.8	(2.2)
	Japan	76.7	(2.8)	13.7	(2.6)	9.5	(1.9)	0.9	(0.7)	6.0	(1.7)	93.1	(1.9)	32.1	(3.5)	37.9	(3.2)	30.0	(3.4)	76.7	(3.0)	12.7	(2.8)	10.7	(1.9)
	Korea	61.5	(4.2)	20.6	(3.6)	17.8	(3.4)	25.7	(3.3)	7.7	(2.2)	66.6	(3.7)	53.6	(4.1)	28.5	(3.7)	17.9	(3.5)	64.3	(3.8)	21.2	(3.4)	14.4	(2.8)
	Luxembourg	14.2	(0.1)	42.1	(0.1)	43.7	(0.1)	1.0	(0.0)	26.9	(0.1)	72.2	(0.1)	13.8	(0.1)	76.6	(0.1)	9.5	(0.1)	59.1	(0.1)	36.8	(0.1)	4.0	(0.0)
	Mexico	66.1	(2.0)	24.6	(1.9)	9.2	(1.0)	31.8	(1.8)	20.5	(1.5)	47.7	(1.7)	63.8	(1.8)	24.5	(1.7)	11.7	(1.0)	69.9	(1.6)	15.6	(1.3)	14.5	(1.4)
	Netherlands	56.9	(4.6)	21.6	(3.7)	21.4	(3.7)	1.3	(0.8)	6.7	(2.0)	92.0	(2.2)	0.7	(0.6)	6.7	(2.1)	92.7	(2.2)	38.7	(4.0)	32.3	(4.1)	29.0	(3.7)
	New Zealand	32.7	(3.0)	17.4	(2.9)	49.9	(3.0)	34.6	(4.1)	14.0	(2.4)	51.4	(3.8)	31.7	(4.0)	17.9	(2.4)	50.4	(3.9)	54.3	(3.7)	21.7	(2.8)	24.1	(3.1)
	Norway	29.8	(3.5)	6.9	(2.0)	63.3	(4.0)	88.9	(2.5)	4.3	(1.6)	6.7	(2.0)	84.5	(3.0)	11.1	(2.5)	4.4	(1.6)	93.0	(2.1)	5.1	(1.8)	1.9	(1.1)
	Poland	12.0	(2.5)	11.3	(2.2)	76.7	(3.1)	40.5	(3.4)	42.2	(3.9)	17.3	(2.9)	44.3	(3.6)	51.1	(3.9)	4.5	(1.6)	72.5	(3.5)	20.9	(3.4)	3.6	(1.1)
	Portugal	9.1	(2.7)	36.1	(4.7)	54.9	(4.6)	34.0	(4.6)	30.2	(4.2)	35.9	(4.3)	65.4	(4.5)	31.9	(4.3)	2.8	(1.2)	49.1	(4.5)	22.1	(3.7)	28.7	(3.8)
	Slovak Republic	66.8	(3.3)	16.4	(2.8)	16.8	(2.6)	33.6	(2.4)	16.2	(2.5)	50.2	(2.4)	39.5	(3.7)	46.3	(3.8)	14.2	(3.0)	66.3	(3.8)	13.0	(2.6)	20.7	(3.9)
	Slovenia	77.9	(0.7)	17.9	(0.8)	4.1	(0.7)	30.4	(0.7)	42.8	(0.5)	26.9	(0.7)	62.3	(0.9)	33.2	(0.9)	4.4	(0.2)	92.0	(0.3)	5.7	(0.3)	2.4	(0.1)
	Spain	19.6	(2.2)	17.8	(2.3)	62.6	(3.0)	89.4	(1.9)	9.9	(1.9)	0.8	(0.3)	87.7	(1.8)	9.1	(1.6)	3.2	(1.0)	81.4	(1.8)	9.3	(1.7)	9.3	(1.1)
	Sweden	37.4	(3.3)	12.6	(2.4)	50.1	(3.6)	89.9	(2.2)	2.9	(1.2)	7.1	(1.9)	84.1	(2.7)	9.0	(2.3)	6.8	(1.8)	86.9	(2.8)	9.3	(2.3)	3.9	(1.4)
	Switzerland	28.6	(3.1)	14.8	(2.5)	56.6	(3.2)	21.4	(2.7)	15.2	(2.3)	63.5	(3.5)	29.6	(2.8)	23.6	(2.9)	46.8	(3.2)	82.5	(2.5)	14.3	(2.2)	3.2	(1.1)
	Turkey	39.2	(3.2)	27.4	(3.9)	33.4	(3.4)	28.2	(3.3)	30.0	(3.0)	41.8	(3.3)	73.7	(4.1)	20.9	(3.4)	5.3	(1.8)	37.7	(3.6)	43.5	(3.8)	18.8	(2.8)
	United Kingdom	21.1	(2.3)	30.4	(3.5)	48.4	(3.2)	68.4	(2.8)	8.6	(2.3)	23.0	(2.2)	57.5	(3.4)	22.1	(3.4)	20.4	(2.4)	69.8	(3.0)	17.7	(2.6)	12.4	(2.2)
	United States	18.0	(3.4)	7.6	(2.0)	74.4	(3.7)	45.7	(4.0)	20.1	(3.3)	34.1	(3.5)	45.1	(4.3)	33.8	(4.4)	21.1	(3.4)	72.9	(4.2)	20.4	(3.9)	6.7	(2.0)
OECD average	38.2	(0.5)	21.1	(0.5)	40.7	(0.5)	40.4	(0.5)	20.9	(0.4)	38.7	(0.4)	48.4	(0.5)	32.0	(0.5)	19.6	(0.4)	65.5	(0.5)	18.8	(0.5)	15.7	(0.4)	
Partners	Albania	26.8	(3.9)	34.9	(3.4)	38.3	(4.0)	28.5	(3.7)	25.0	(3.9)	46.5	(4.0)	24.2	(3.4)	36.8	(3.9)	39.1	(3.6)	52.8	(3.8)	19.3	(3.1)	27.9	(3.7)
	Argentina	50.1	(3.9)	26.0	(3.9)	23.9	(3.0)	67.9	(3.4)	22.0	(3.2)	10.1	(2.5)	55.4	(3.7)	37.9	(3.7)	6.7	(1.5)	50.4	(3.8)	24.2	(3.5)	25.4	(3.7)
	Brazil	33.0	(2.1)	28.1	(2.0)	38.8	(2.3)	70.1	(2.1)	12.7	(1.7)	17.2	(1.8)	70.3	(2.4)	22.7	(2.0)	7.0	(1.4)	61.9	(2.5)	20.4	(2.1)	17.7	(1.9)
	Bulgaria	58.3	(3.4)	24.0	(3.0)	17.7	(2.3)	6.2	(1.6)	13.7	(2.7)	80.1	(2.9)	42.3	(3.5)	41.3	(3.4)	16.5	(2.8)	28.2	(3.0)	27.0	(3.4)	44.8	(3.9)
	Colombia	45.0	(3.8)	29.9	(3.7)	25.1	(3.2)	28.8	(3.2)	33.3	(3.9)	37.9	(3.7)	49.2	(4.0)	34.1	(3.7)	16.7	(2.9)	56.7	(3.6)	19.6	(3.1)	23.7	(3.2)
	Costa Rica	28.3	(2.9)	18.7	(3.5)	52.9	(3.8)	29.7	(3.3)	23.8	(3.2)	46.5	(3.6)	37.9	(3.5)	46.7	(3.8)	15.4	(2.3)	46.5	(3.5)	25.9	(3.4)	27.6	(3.0)
	Croatia	69.7	(3.3)	23.8	(3.3)	6.6	(1.3)	0.3	(0.3)	4.1	(1.7)	95.6	(1.8)	45.1	(3.8)	47.7	(4.1)	7.2	(1.8)	58.6	(3.5)	23.5	(3.2)	17.8	(3.2)
	Cyprus*	24.9	(0.1)	7.3	(0.1)	67.8	(0.1)	60.6	(0.1)	21.7	(0.1)	17.7	(0.1)	62.0	(0.1)	29.9	(0.1)	8.1	(0.1)	84.5	(0.1)	1.6	(0.0)	13.9	(0.1)
	Hong Kong-China	49.8	(4.1)	35.4	(3.9)	14.8	(2.9)	0.0	c	8.0	(1.9)	92.0	(1.9)	6.1	(2.0)	65.1	(4.1)	28.7	(3.7)	25.0	(3.2)	44.7	(3.8)	30.4	(3.7)
	Indonesia	30.9	(4.1)	27.2	(3.5)	41.9	(3.7)	24.4	(3.4)	19.6	(2.8)	56.0	(3.4)	37.7	(3.8)	25.2	(3.6)	37.1	(3.8)	43.0	(3.9)	18.5	(3.0)	38.5	(3.9)
	Jordan	9.4	(2.1)	27.3	(3.6)	63.3	(3.3)	30.7	(3.2)	42.6	(3.6)	26.8	(3.1)	38.7	(3.1)	42.4	(3.4)	18.9	(2.8)	47.6	(2.8)	30.3	(3.0)	22.1	(2.6)
	Kazakhstan	31.1	(3.9)	31.0	(3.8)	37.9	(3.9)	34.4	(4.0)	27.1	(3.8)	38.5	(4.1)	43.6	(3.9)	32.1	(3.8)	24.3	(3.4)	57.8	(4.2)	25.8	(3.5)	16.5	(3.1)
	Latvia	60.8	(3.5)	18.7	(2.9)	20.5	(2.8)	47.0	(2.8)	25.4	(2.9)	27.6	(2.7)	60.7	(3.4)	35.2	(3.3)	4.1	(1.4)	86.0	(2.7)	11.5	(2.4)	2.5	(1.2)
	Liechtenstein	37.9	(0.9)	5.4	(0.7)	56.7	(0.6)	19.9	(1.1)	7.4	(0.8)	72.8	(1.3)	12.8	(1.0)	13.4	(0.8)	73.8	(1.1)	72.5	(1.2)	21.4	(0.7)	6.1	(1.0)
	Lithuania	25.1	(2.8)	14.0																					



[Part 2/2]  
School admissions policies

Table IV.2.7 Results based on school principals' reports

	Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:									Percentage of students in schools whose principals reported whether "students' records of academic performance" or "recommendations of feeder schools" are considered for admission															
	Whether the student requires or is interested in a special programme			Preference given to family members of current or former students			Other			These two factors are "never" considered	At least one of these two factors is "sometimes" considered but neither factor is "always" considered		At least one of these two factors is "always" considered												
	Never	Sometimes	Always	Never	Sometimes	Always	Never	Sometimes	Always		%	S.E.	%	S.E.											
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%		S.E.	%	S.E.	%	S.E.										
<b>OECD</b>	20.7 (1.6)	56.0 (1.8)	23.3 (1.7)	26.8 (1.6)	31.2 (1.8)	42.0 (1.9)	33.9 (1.8)	56.1 (2.0)	10.0 (1.2)	15.8 (1.4)	39.8 (2.0)	44.4 (2.1)	28.4 (3.2)	36.8 (3.8)	34.9 (3.5)	51.2 (3.7)	28.9 (3.8)	19.9 (2.9)	56.5 (3.9)	33.6 (3.7)	9.9 (2.4)	17.8 (1.1)	11.3 (2.0)	70.9 (2.0)	
Australia	20.7 (1.6)	56.0 (1.8)	23.3 (1.7)	26.8 (1.6)	31.2 (1.8)	42.0 (1.9)	33.9 (1.8)	56.1 (2.0)	10.0 (1.2)	15.8 (1.4)	39.8 (2.0)	44.4 (2.1)	28.4 (3.2)	36.8 (3.8)	34.9 (3.5)	51.2 (3.7)	28.9 (3.8)	19.9 (2.9)	56.5 (3.9)	33.6 (3.7)	9.9 (2.4)	17.8 (1.1)	11.3 (2.0)	70.9 (2.0)	
Austria	28.4 (3.2)	36.8 (3.8)	34.9 (3.5)	51.2 (3.7)	28.9 (3.8)	19.9 (2.9)	56.5 (3.9)	33.6 (3.7)	9.9 (2.4)	17.8 (1.1)	11.3 (2.0)	70.9 (2.0)	36.4 (3.2)	54.0 (3.2)	9.7 (1.8)	47.9 (3.1)	25.3 (3.1)	26.7 (3.2)	54.3 (4.2)	38.1 (4.1)	7.7 (1.9)	34.9 (2.6)	38.0 (3.3)	27.1 (2.8)	
Belgium	36.4 (3.2)	54.0 (3.2)	9.7 (1.8)	47.9 (3.1)	25.3 (3.1)	26.7 (3.2)	54.3 (4.2)	38.1 (4.1)	7.7 (1.9)	34.9 (2.6)	38.0 (3.3)	27.1 (2.8)	19.9 (1.8)	54.6 (2.5)	25.5 (2.3)	55.8 (2.5)	29.5 (2.5)	14.6 (1.8)	41.5 (3.1)	45.4 (3.7)	13.1 (2.7)	26.5 (2.1)	34.4 (2.2)	39.0 (2.3)	
Canada	19.9 (1.8)	54.6 (2.5)	25.5 (2.3)	55.8 (2.5)	29.5 (2.5)	14.6 (1.8)	41.5 (3.1)	45.4 (3.7)	13.1 (2.7)	26.5 (2.1)	34.4 (2.2)	39.0 (2.3)	43.5 (3.8)	39.2 (3.8)	17.3 (2.7)	21.4 (2.5)	36.0 (3.6)	42.6 (3.7)	60.5 (3.9)	32.0 (3.8)	7.5 (2.0)	19.1 (2.6)	42.0 (4.3)	38.9 (3.8)	
Chile	43.5 (3.8)	39.2 (3.8)	17.3 (2.7)	21.4 (2.5)	36.0 (3.6)	42.6 (3.7)	60.5 (3.9)	32.0 (3.8)	7.5 (2.0)	19.1 (2.6)	42.0 (4.3)	38.9 (3.8)	Czech Republic	34.5 (3.7)	38.2 (3.5)	27.3 (3.4)	80.7 (3.0)	15.9 (2.8)	3.5 (1.3)	63.8 (3.1)	31.6 (3.4)	4.6 (1.3)	25.0 (2.2)	17.1 (2.4)	57.9 (2.4)
Czech Republic	34.5 (3.7)	38.2 (3.5)	27.3 (3.4)	80.7 (3.0)	15.9 (2.8)	3.5 (1.3)	63.8 (3.1)	31.6 (3.4)	4.6 (1.3)	25.0 (2.2)	17.1 (2.4)	57.9 (2.4)	Denmark	40.8 (3.5)	48.0 (3.6)	11.2 (2.2)	47.6 (3.4)	41.6 (3.4)	10.8 (1.9)	41.4 (4.0)	48.7 (4.0)	10.0 (2.1)	48.7 (3.2)	36.7 (3.5)	14.6 (2.2)
Denmark	40.8 (3.5)	48.0 (3.6)	11.2 (2.2)	47.6 (3.4)	41.6 (3.4)	10.8 (1.9)	41.4 (4.0)	48.7 (4.0)	10.0 (2.1)	48.7 (3.2)	36.7 (3.5)	14.6 (2.2)	Estonia	19.4 (2.1)	55.4 (2.8)	25.2 (2.5)	43.8 (2.2)	37.6 (2.2)	18.7 (2.1)	38.8 (2.5)	55.7 (2.6)	5.5 (1.3)	19.8 (1.8)	41.7 (2.7)	38.4 (2.6)
Estonia	19.4 (2.1)	55.4 (2.8)	25.2 (2.5)	43.8 (2.2)	37.6 (2.2)	18.7 (2.1)	38.8 (2.5)	55.7 (2.6)	5.5 (1.3)	19.8 (1.8)	41.7 (2.7)	38.4 (2.6)	Finland	62.4 (3.2)	34.9 (3.1)	2.8 (0.9)	77.2 (2.5)	16.7 (1.9)	6.1 (1.6)	41.8 (3.3)	54.0 (3.3)	4.2 (1.3)	75.2 (2.5)	21.2 (2.3)	3.6 (1.0)
Finland	62.4 (3.2)	34.9 (3.1)	2.8 (0.9)	77.2 (2.5)	16.7 (1.9)	6.1 (1.6)	41.8 (3.3)	54.0 (3.3)	4.2 (1.3)	75.2 (2.5)	21.2 (2.3)	3.6 (1.0)	France	40.0 (3.6)	48.0 (3.8)	12.0 (2.4)	49.4 (3.1)	35.8 (3.0)	14.7 (2.4)	33.2 (3.9)	58.4 (4.3)	8.5 (2.1)	35.2 (2.8)	33.7 (3.6)	31.1 (2.8)
France	40.0 (3.6)	48.0 (3.8)	12.0 (2.4)	49.4 (3.1)	35.8 (3.0)	14.7 (2.4)	33.2 (3.9)	58.4 (4.3)	8.5 (2.1)	35.2 (2.8)	33.7 (3.6)	31.1 (2.8)	Germany	24.3 (3.3)	41.1 (3.6)	34.6 (3.9)	59.9 (2.8)	20.6 (2.8)	19.5 (2.8)	34.4 (4.6)	59.9 (4.8)	5.7 (2.1)	15.3 (2.6)	23.1 (3.0)	61.6 (3.7)
Germany	24.3 (3.3)	41.1 (3.6)	34.6 (3.9)	59.9 (2.8)	20.6 (2.8)	19.5 (2.8)	34.4 (4.6)	59.9 (4.8)	5.7 (2.1)	15.3 (2.6)	23.1 (3.0)	61.6 (3.7)	Greece	60.1 (3.8)	25.7 (3.2)	14.2 (2.8)	46.8 (4.0)	32.1 (3.7)	21.1 (3.2)	23.8 (3.2)	69.5 (3.5)	6.7 (2.1)	62.4 (3.8)	29.8 (3.5)	7.8 (2.2)
Greece	60.1 (3.8)	25.7 (3.2)	14.2 (2.8)	46.8 (4.0)	32.1 (3.7)	21.1 (3.2)	23.8 (3.2)	69.5 (3.5)	6.7 (2.1)	62.4 (3.8)	29.8 (3.5)	7.8 (2.2)	Hungary	15.8 (2.8)	32.7 (4.0)	51.6 (4.1)	38.5 (3.6)	42.3 (4.2)	19.2 (3.1)	45.3 (4.2)	42.4 (4.2)	12.3 (2.1)	6.1 (1.0)	9.1 (2.0)	84.8 (2.0)
Hungary	15.8 (2.8)	32.7 (4.0)	51.6 (4.1)	38.5 (3.6)	42.3 (4.2)	19.2 (3.1)	45.3 (4.2)	42.4 (4.2)	12.3 (2.1)	6.1 (1.0)	9.1 (2.0)	84.8 (2.0)	Iceland	87.3 (0.2)	12.1 (0.2)	0.5 (0.0)	88.5 (0.1)	9.2 (0.1)	2.3 (0.0)	52.5 (0.2)	46.0 (0.2)	1.5 (0.1)	42.6 (0.2)	36.4 (0.3)	21.1 (0.2)
Iceland	87.3 (0.2)	12.1 (0.2)	0.5 (0.0)	88.5 (0.1)	9.2 (0.1)	2.3 (0.0)	52.5 (0.2)	46.0 (0.2)	1.5 (0.1)	42.6 (0.2)	36.4 (0.3)	21.1 (0.2)	Ireland	41.9 (3.8)	40.7 (4.1)	17.3 (3.0)	30.5 (3.2)	14.9 (3.1)	54.5 (3.6)	29.7 (3.7)	49.6 (4.0)	20.6 (3.6)	48.0 (4.4)	25.5 (3.5)	26.5 (3.7)
Ireland	41.9 (3.8)	40.7 (4.1)	17.3 (3.0)	30.5 (3.2)	14.9 (3.1)	54.5 (3.6)	29.7 (3.7)	49.6 (4.0)	20.6 (3.6)	48.0 (4.4)	25.5 (3.5)	26.5 (3.7)	Israel	19.3 (3.1)	54.3 (3.9)	26.5 (3.6)	51.0 (3.4)	35.1 (3.6)	13.9 (2.6)	45.0 (3.8)	47.5 (4.0)	7.5 (2.1)	19.7 (3.0)	24.0 (3.5)	56.5 (4.2)
Israel	19.3 (3.1)	54.3 (3.9)	26.5 (3.6)	51.0 (3.4)	35.1 (3.6)	13.9 (2.6)	45.0 (3.8)	47.5 (4.0)	7.5 (2.1)	19.7 (3.0)	24.0 (3.5)	56.5 (4.2)	Italy	17.4 (1.7)	39.7 (2.0)	42.9 (2.1)	27.8 (2.0)	46.1 (2.0)	26.1 (1.7)	47.7 (2.5)	41.2 (2.6)	11.1 (1.5)	13.1 (1.3)	21.2 (1.9)	65.7 (2.0)
Italy	17.4 (1.7)	39.7 (2.0)	42.9 (2.1)	27.8 (2.0)	46.1 (2.0)	26.1 (1.7)	47.7 (2.5)	41.2 (2.6)	11.1 (1.5)	13.1 (1.3)	21.2 (1.9)	65.7 (2.0)	Japan	33.4 (3.1)	35.1 (3.1)	31.4 (3.6)	81.6 (2.5)	15.6 (2.2)	2.8 (1.3)	66.5 (3.1)	30.8 (3.2)	2.6 (1.2)	0.9 (0.7)	5.1 (1.8)	94.0 (1.9)
Japan	33.4 (3.1)	35.1 (3.1)	31.4 (3.6)	81.6 (2.5)	15.6 (2.2)	2.8 (1.3)	66.5 (3.1)	30.8 (3.2)	2.6 (1.2)	0.9 (0.7)	5.1 (1.8)	94.0 (1.9)	Korea	37.3 (3.8)	24.5 (3.7)	38.2 (4.1)	57.8 (4.4)	23.6 (3.7)	18.6 (3.4)	55.5 (4.0)	35.5 (4.2)	9.0 (2.5)	23.3 (3.2)	9.3 (2.3)	67.4 (3.6)
Korea	37.3 (3.8)	24.5 (3.7)	38.2 (4.1)	57.8 (4.4)	23.6 (3.7)	18.6 (3.4)	55.5 (4.0)	35.5 (4.2)	9.0 (2.5)	23.3 (3.2)	9.3 (2.3)	67.4 (3.6)	Luxembourg	16.7 (0.1)	66.3 (0.1)	17.0 (0.1)	7.3 (0.1)	42.4 (0.1)	50.4 (0.1)	30.4 (0.1)	68.4 (0.1)	1.2 (0.0)	1.0 (0.0)	26.9 (0.1)	72.2 (0.1)
Luxembourg	16.7 (0.1)	66.3 (0.1)	17.0 (0.1)	7.3 (0.1)	42.4 (0.1)	50.4 (0.1)	30.4 (0.1)	68.4 (0.1)	1.2 (0.0)	1.0 (0.0)	26.9 (0.1)	72.2 (0.1)	Mexico	51.3 (2.0)	37.5 (1.8)	11.2 (1.2)	72.4 (1.7)	19.9 (1.6)	7.6 (0.9)	62.1 (2.5)	31.2 (2.2)	6.7 (1.5)	26.8 (1.8)	22.1 (1.5)	51.1 (1.8)
Mexico	51.3 (2.0)	37.5 (1.8)	11.2 (1.2)	72.4 (1.7)	19.9 (1.6)	7.6 (0.9)	62.1 (2.5)	31.2 (2.2)	6.7 (1.5)	26.8 (1.8)	22.1 (1.5)	51.1 (1.8)	Netherlands	13.2 (2.6)	67.5 (3.8)	19.3 (3.2)	62.8 (4.5)	16.3 (3.0)	20.9 (3.6)	52.7 (5.4)	43.3 (5.6)	4.0 (2.0)	0.0	2.6 (1.3)	97.4 (1.3)
Netherlands	13.2 (2.6)	67.5 (3.8)	19.3 (3.2)	62.8 (4.5)	16.3 (3.0)	20.9 (3.6)	52.7 (5.4)	43.3 (5.6)	4.0 (2.0)	0.0	2.6 (1.3)	97.4 (1.3)	New Zealand	30.2 (3.8)	44.7 (4.2)	25.2 (3.5)	29.1 (2.9)	32.6 (4.2)	38.2 (4.0)	34.7 (5.3)	49.3 (4.8)	16.0 (3.8)	28.6 (4.0)	12.9 (2.3)	58.5 (3.8)
New Zealand	30.2 (3.8)	44.7 (4.2)	25.2 (3.5)	29.1 (2.9)	32.6 (4.2)	38.2 (4.0)	34.7 (5.3)	49.3 (4.8)	16.0 (3.8)	28.6 (4.0)	12.9 (2.3)	58.5 (3.8)	Norway	82.0 (3.1)	15.9 (3.0)	2.1 (1.1)	85.2 (3.0)	11.8 (2.7)	3.0 (1.3)	48.9 (3.5)	45.4 (3.4)	5.7 (1.8)	83.8 (3.0)	9.4 (2.3)	6.7 (2.0)
Norway	82.0 (3.1)	15.9 (3.0)	2.1 (1.1)	85.2 (3.0)	11.8 (2.7)	3.0 (1.3)	48.9 (3.5)	45.4 (3.4)	5.7 (1.8)	83.8 (3.0)	9.4 (2.3)	6.7 (2.0)	Poland	42.4 (3.4)	42.2 (3.6)	15.5 (2.5)	82.2 (2.9)	16.5 (3.0)	1.4 (0.9)	37.3 (4.0)	57.7 (4.2)	5.0 (1.6)	32.8 (3.5)	48.4 (4.2)	18.8 (2.9)
Poland	42.4 (3.4)	42.2 (3.6)	15.5 (2.5)	82.2 (2.9)	16.5 (3.0)	1.4 (0.9)	37.3 (4.0)	57.7 (4.2)	5.0 (1.6)	32.8 (3.5)	48.4 (4.2)	18.8 (2.9)	Portugal	8.8 (2.3)	42.6 (4.9)	48.6 (4.3)	28.3 (4.1)	47.5 (4.3)	24.1 (3.9)	29.6 (4.1)	58.2 (4.4)	12.2 (2.8)	32.1 (4.5)	31.4 (4.1)	36.6 (4.3)
Portugal	8.8 (2.3)	42.6 (4.9)	48.6 (4.3)	28.3 (4.1)	47.5 (4.3)	24.1 (3.9)	29.6 (4.1)	58.2 (4.4)	12.2 (2.8)	32.1 (4.5)	31.4 (4.1)	36.6 (4.3)	Slovak Republic	32.5 (3.0)	35.7 (3.4)	31.8 (3.8)	85.1 (2.6)	12.2 (2.6)	2.7 (1.0)	48.4 (3.8)	43.7 (4.1)	8.0 (2.3)	24.4 (2.2)	24.5 (2.9)	53.0 (2.5)
Slovak Republic	32.5 (3.0)	35.7 (3.4)	31.8 (3.8)	85.1 (2.6)	12.2 (2.6)	2.7 (1.0)	48.4 (3.8)	43.7 (4.1)	8.0 (2.3)	24.4 (2.2)	24.5 (2.9)	53.0 (2.5)	Slovenia	12.1 (0.8)	27.8 (0.8)	60.0 (0.7)	90.8 (0.8)	8.7 (0.6)	0.5 (0.5)	71.3 (0.6)	27.8 (0.6)	1.0 (0.0)	23.6 (0.9)	47.1 (0.8)	29.3 (0.8)
Slovenia	12.1 (0.8)	27.8 (0.8)	60.0 (0.7)	90.8 (0.8)	8.7 (0.6)	0.5 (0.5)	71.3 (0.6)	27.8 (0.6)	1.0 (0.0)	23.6 (0.9)	47.1 (0.8)	29.3 (0.8)	Spain	57.8 (2.7)	31.0 (2.7)	11.2 (1.5)	33.6 (2.8)	28.5 (2.9)	37.9 (2.3)	35.9 (3.3)	34.9 (3.4)	29.2 (3.3)	81.3 (2.3)	15.0 (2.1)	3.7 (1.0)
Spain	57.8 (2.7)	31.0 (2.7)	11.2 (1.5)	33.6 (2.8)	28.5 (2.9)	37.9 (2.3)	35.9 (3.3)	34.9 (3.4)	29.2 (3.3)	81.3 (2.3)	15.0 (2.1)	3.7 (1.0)	Sweden	69.3 (3.3)	20.3 (3.0)	10.4 (2.5)	69.2 (3.0)	18.7 (2.7)	12.1 (1.7)	51.5 (3.9)	38.1 (4.0)	10.4 (2.4)	80.1 (2.9)	9.6 (2.5)	10.3 (2.2)
Sweden	69.3 (3.3)	20.3 (3.0)	10.4 (2.5)	69.2 (3.0)	18.7 (2.7)	12.1 (1.7)	51.5 (3.9)	38.1 (4.0)	10.4 (2.4)	80.1 (2.9)	9.6 (2.5)	10.3 (2.2)	Switzerland	43.1 (3.6)	39.0 (3.7)	17.9 (2.9)	87.2 (2.1)	11.7 (2.1)	1.1 (0.5)	47.5 (3.1)	44.3 (3.3)	8.2 (2.0)	15.3 (2.0)	11.4 (2.0)	73.3 (2.9)
Switzerland	43.1 (3.6)	39.0 (3.7)	17.9 (2.9)	87.2 (2.1)	11.7 (2.1)	1.1 (0.5)	47.5 (3.1)	44.3 (3.3)	8.2 (2.0)	15.3 (2.0)	11.4 (2.0)	73.3 (2.9)	Turkey	47.2 (3.4)	39.3 (3.7)	13.5 (2.8)	63.3 (4.0)	27.7 (4.0)	9.0 (2.1)	44.7 (4.8)	46.5 (4.7)	8.7 (2.8)	23.9 (3.3)	32.9 (2.9)	43.2 (3.5)
Turkey	47.2 (3.4)	39.3 (3.7)	13.5 (2.8)	63.3 (4.0)	27.7 (4.0)	9.0 (2.1)	44.7 (4.8)	46.5 (4.7)	8.7 (2.8)	23.9 (3.3)	32.9 (2.9)	43.2 (3.5)	United Kingdom	52.8 (3.4)	33.8 (3.1)	13.4 (2.1)	34.1 (3.1)	38.0 (3.0)	27.9 (3.0)	40.6 (4.3)	37.3 (4.2)	22.2 (3.9)	52.5 (3.1)	19.3 (3.3)	28.2 (2.7)
United Kingdom	52.8 (3.4)	33.8 (3.1)	13.4 (2.1)	34.1 (3.1)	38.0 (3																				


[Part 1/3]  
**School admissions policies, by level of education**  
 Results based on school principals' reports

Table IV.2.8

		Lower secondary education (ISCED 2)															
		Percentage of students in schools whose principal reported that the following factors are "always" considered for admission to school:										Percentage of students in schools whose principals reported that at least either "students' records of academic performance" or "recommendations of feeder schools" is always considered for admission					
		Residence in a particular area		Students' academic records		Recommendations of feeder schools		Parents' endorsement of the instructional or religious philosophy of the school		Students' needs or desires for a special programme		Attendance of other family members at the school		Other			
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	46.7	(1.7)	33.1	(1.9)	34.0	(2.2)	31.5	(1.4)	22.6	(1.7)	42.3	(2.1)	9.6	(1.2)	45.2	(2.2)
	Austria	56.9	(11.2)	29.8	(9.1)	8.0	(7.0)	0.9	(0.9)	38.6	(10.2)	18.7	(8.2)	16.5	(8.6)	31.4	(9.5)
	Belgium	10.6	(6.0)	29.0	(5.4)	5.0	(2.8)	40.9	(5.6)	24.3	(7.5)	24.4	(4.9)	20.8	(6.3)	29.2	(5.3)
	Canada	58.0	(3.9)	29.0	(3.7)	24.5	(3.9)	9.7	(2.3)	24.1	(3.4)	16.2	(3.2)	15.5	(5.7)	40.1	(4.0)
	Chile	18.6	(7.2)	6.1	(2.7)	6.4	(2.9)	7.0	(2.8)	7.2	(5.0)	27.2	(7.4)	9.3	(5.9)	10.4	(3.5)
	Czech Republic	23.7	(3.5)	18.7	(2.5)	9.6	(3.4)	16.6	(3.9)	29.5	(5.0)	4.1	(1.8)	4.6	(1.7)	25.0	(3.4)
	Denmark	41.0	(3.3)	6.6	(1.7)	11.5	(2.0)	19.4	(2.5)	11.1	(2.2)	10.9	(1.9)	9.9	(2.1)	14.3	(2.2)
	Estonia	52.2	(3.0)	36.7	(2.6)	4.0	(1.2)	11.0	(1.8)	25.2	(2.4)	18.8	(2.1)	5.4	(1.3)	38.2	(2.6)
	Finland	67.0	(3.4)	2.9	(1.0)	2.7	(0.8)	5.8	(1.5)	2.8	(0.9)	6.1	(1.6)	4.2	(1.3)	3.4	(1.0)
	France	72.9	(3.5)	16.7	(3.1)	2.2	(1.5)	14.0	(2.2)	9.2	(3.1)	19.4	(4.6)	7.5	(3.2)	16.7	(3.1)
	Germany	48.6	(3.6)	49.2	(3.7)	45.4	(3.9)	9.6	(1.9)	34.9	(3.9)	19.8	(2.9)	5.8	(2.1)	62.2	(3.7)
	Greece	68.9	(11.1)	0.0	c	8.4	(6.8)	12.0	(7.6)	3.5	(3.3)	8.1	(4.8)	6.8	(6.2)	8.4	(6.8)
	Hungary	70.2	(6.8)	11.5	(6.0)	3.6	(2.1)	31.6	(7.7)	39.6	(8.7)	19.8	(8.0)	9.8	(6.2)	13.2	(6.0)
	Iceland	48.1	(0.2)	8.1	(0.2)	19.2	(0.2)	0.1	(0.0)	0.5	(0.0)	2.3	(0.0)	1.5	(0.1)	21.1	(0.2)
	Ireland	44.5	(4.0)	21.7	(3.5)	24.5	(3.7)	25.7	(3.4)	16.9	(3.0)	53.9	(3.6)	19.6	(3.5)	26.5	(3.8)
	Israel	47.6	(6.3)	25.0	(4.7)	29.7	(5.1)	27.9	(4.7)	14.2	(3.6)	7.9	(2.8)	7.4	(3.9)	36.3	(5.6)
	Italy	46.1	(7.5)	67.1	(7.6)	64.5	(7.5)	45.1	(6.8)	34.4	(5.4)	39.6	(6.9)	18.6	(5.0)	74.8	(7.6)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	22.1	(12.0)	21.5	(12.2)	9.5	(3.4)	5.4	(5.3)	11.9	(8.2)	22.4	(11.6)	0.0	c	24.5	(11.2)
	Luxembourg	47.2	(0.2)	73.2	(0.1)	10.0	(0.1)	3.6	(0.1)	17.3	(0.1)	50.7	(0.2)	0.9	(0.0)	73.2	(0.1)
	Mexico	15.0	(2.3)	27.1	(3.1)	8.6	(1.5)	18.3	(3.1)	8.8	(2.4)	14.7	(2.5)	7.9	(2.7)	30.7	(3.2)
	Netherlands	19.1	(3.8)	92.5	(2.3)	92.3	(2.6)	28.2	(4.0)	22.0	(3.4)	18.9	(3.5)	4.6	(2.5)	98.4	(0.9)
	New Zealand	45.4	(3.9)	51.6	(4.5)	50.4	(4.5)	24.6	(3.7)	26.0	(4.6)	39.3	(5.0)	22.1	(5.3)	56.8	(4.5)
	Norway	63.3	(4.0)	6.7	(2.0)	4.4	(1.6)	1.9	(1.1)	2.1	(1.1)	3.0	(1.3)	5.7	(1.8)	6.7	(2.0)
	Poland	76.8	(3.1)	17.0	(2.8)	4.5	(1.6)	3.5	(1.1)	15.2	(2.5)	1.4	(0.9)	5.0	(1.6)	18.4	(2.8)
	Portugal	59.1	(5.2)	34.9	(5.2)	3.6	(1.7)	18.7	(3.9)	41.7	(4.5)	19.3	(3.8)	10.8	(2.8)	36.4	(5.2)
	Slovak Republic	32.8	(4.8)	7.9	(2.2)	8.9	(2.5)	14.5	(3.7)	17.3	(3.3)	4.3	(1.7)	3.2	(1.6)	13.9	(3.0)
	Slovenia	58.9	(14.9)	13.6	(11.5)	5.3	(4.1)	0.0	c	10.5	(11.0)	10.9	(10.4)	0.0	c	18.9	(12.1)
	Spain	62.7	(3.0)	0.8	(0.3)	3.2	(1.0)	9.3	(1.1)	11.2	(1.5)	37.9	(2.3)	29.2	(3.3)	3.8	(1.0)
	Sweden	51.2	(3.6)	5.7	(1.9)	7.0	(1.9)	3.9	(1.4)	10.5	(2.5)	12.4	(1.8)	10.6	(2.5)	8.9	(2.2)
	Switzerland	59.0	(3.5)	60.3	(3.6)	56.0	(3.5)	2.9	(1.1)	16.0	(2.9)	1.4	(0.6)	6.5	(1.8)	72.7	(2.7)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United States	79.1	(4.8)	30.0	(5.9)	19.5	(5.2)	4.6	(1.8)	17.3	(4.3)	6.0	(3.0)	1.9	(1.1)	31.4	(6.0)
OECD average	48.8	(1.1)	26.9	(0.9)	18.9	(0.6)	14.5	(0.7)	18.3	(0.9)	18.8	(0.8)	9.1	(0.7)	32.0	(0.9)	
Partners	Albania	31.6	(5.8)	43.8	(5.2)	47.3	(5.9)	24.1	(5.5)	22.8	(4.7)	18.5	(4.8)	24.7	(6.0)	63.1	(5.9)
	Argentina	30.8	(5.1)	5.1	(1.8)	3.6	(1.4)	19.7	(4.2)	16.5	(3.5)	32.7	(4.7)	15.5	(4.3)	7.9	(2.2)
	Brazil	44.5	(3.7)	19.4	(3.0)	8.3	(1.6)	13.4	(2.9)	11.9	(2.4)	8.8	(1.5)	23.1	(4.0)	23.5	(3.0)
	Bulgaria	51.6	(12.4)	24.6	(7.4)	12.6	(5.7)	21.5	(5.8)	26.5	(10.0)	28.5	(8.9)	3.8	(3.9)	31.6	(8.7)
	Colombia	24.0	(3.0)	35.8	(3.6)	17.2	(2.9)	20.2	(2.9)	9.8	(2.4)	22.4	(3.5)	17.6	(3.7)	42.0	(4.0)
	Costa Rica	55.9	(3.8)	42.6	(3.5)	15.1	(2.5)	22.8	(2.8)	26.5	(3.4)	10.9	(2.3)	30.8	(4.4)	47.2	(3.7)
	Croatia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Cyprus*	81.9	(0.8)	16.2	(1.2)	17.5	(1.0)	9.1	(0.7)	11.5	(0.7)	14.2	(1.1)	10.6	(1.0)	26.7	(1.1)
	Hong Kong-China	16.0	(3.2)	90.7	(2.4)	28.7	(3.7)	29.0	(3.5)	7.7	(2.4)	18.5	(3.3)	51.5	(9.8)	93.3	(1.9)
	Indonesia	45.1	(5.6)	48.7	(4.8)	46.8	(4.8)	47.8	(5.2)	35.2	(5.4)	25.5	(4.5)	10.3	(3.7)	67.4	(4.7)
	Jordan	63.3	(3.3)	26.8	(3.1)	18.9	(2.8)	22.1	(2.6)	17.6	(3.2)	24.1	(3.2)	22.5	(3.9)	35.9	(3.5)
	Kazakhstan	40.3	(4.2)	35.3	(4.3)	24.0	(3.6)	15.9	(3.4)	31.7	(3.9)	15.3	(3.3)	9.8	(2.6)	42.0	(4.2)
	Latvia	20.5	(2.9)	26.9	(2.7)	4.1	(1.4)	2.6	(1.3)	37.6	(3.2)	13.8	(2.4)	3.1	(1.4)	28.4	(2.8)
	Liechtenstein	64.3	(0.6)	69.2	(1.4)	70.3	(1.2)	6.9	(1.1)	17.4	(0.8)	0.0	c	4.4	(0.7)	76.4	(1.4)
	Lithuania	60.9	(3.2)	19.1	(2.2)	4.1	(1.4)	23.0	(2.9)	35.4	(3.4)	38.0	(3.4)	11.6	(2.9)	19.8	(2.3)
	Macao-China	5.8	(0.1)	64.2	(0.1)	43.6	(0.1)	9.3	(0.1)	11.4	(0.1)	47.1	(0.1)	0.0	c	72.8	(0.1)
	Malaysia	30.1	(6.6)	36.4	(8.2)	22.1	(7.2)	17.4	(5.8)	17.5	(5.9)	6.7	(3.6)	3.1	(3.1)	47.9	(9.7)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Peru	6.5	(1.8)	18.0	(3.1)	9.6	(2.2)	10.2	(2.2)	12.8	(2.7)	15.2	(2.5)	12.3	(2.4)	23.1	(3.0)
	Qatar	45.6	(0.3)	57.1	(0.3)	24.8	(0.3)	34.2	(0.3)	19.8	(0.2)	31.1	(0.3)	4.6	(0.2)	58.2	(0.3)
	Romania	9.6	(2.3)	30.6	(3.3)	5.7	(1.8)	10.5	(2.2)	15.4	(2.8)	7.8	(2.1)	9.5	(2.3)	35.0	(3.4)
	Russian Federation	50.1	(4.3)	11.2	(2.0)	9.2	(1.8)	37.8	(3.9)	43.6	(4.1)	9.3	(2.8)	4.3	(1.7)	18.8	(2.4)
	Serbia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Shanghai-China	49.7	(5.7)	17.4	(4.2)	14.6	(3.5)	39.6	(5.4)	15.5	(4.6)	3.9	(2.3)	4.2	(2.3)	24.9	(4.4)
	Singapore	8.8	(2.0)	81.0	(2.6)	11.7	(2.3)	3.0	(1.0)	3.7	(1.5)	4.6	(1.1)	2.2	(0.6)	81.0	(2.6)
	Chinese Taipei	47.7	(6.6)	21.7	(4.7)	13.3	(5.1)	24.3	(6.0)	11.5	(4.0)	11.5	(4.0)	4.4	(2.8)	27.7	(5.8)
	Thailand	45.8	(5.1)	78.0	(4.5)	73.5	(4.4)	50.1	(5.0)	47.8	(5.1)	14.9	(3.8)	15.4	(4.8)	88.9	(2.9)
	Tunisia	48.9	(5.5)	48.6	(6.6)	12.6	(3.6)	2.6	(1.8)	4.9	(2.9)	9.9	(3.1)	1.8	(1.8)	52.5	(6.5)
	United Arab Emirates	42.6	(3.9)	66.7	(4.4)	31.0	(3.4)	36.5	(5.0)	23.9	(4.2)	42.0	(4.8)	16.9	(4.8)	69.8	(3.5)
	Uruguay	33.2	(4.0)	15.9	(3.0)	6.9	(2.1)	8.3	(2.3)	7.5	(2.5)	12.2	(3.4)	8.5	(2.8)	18.2	(3.5)
Viet Nam	48.1	(10.7)	57.5	(11.2)	11.5	(6.8)	38.6	(11.9)	19.7	(8.9)	12.0	(8.1)	14.1	(9.0)	57.5	(11.2)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/3]  
**School admissions policies, by level of education**  
 Results based on school principals' reports

Table IV.2.8

		Upper secondary education (ISCED 3)															
		Percentage of students in schools whose principal reported that the following factors are "always" considered for admission to school:												Percentage of students in schools whose principals reported that at least either "students' records of academic performance" or "recommendations of feeder schools" is always considered for admission			
		Residence in a particular area		Students' academic records		Recommendations of feeder schools		Parents' endorsement of the instructional or religious philosophy of the school		Students' needs or desires for a special programme		Attendance of other family members at the school				Other	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.			%	S.E.
OECD	Australia	36.6	(2.6)	31.6	(2.6)	28.4	(2.7)	29.3	(2.9)	26.3	(2.7)	41.0	(2.7)	11.9	(2.1)	40.6	(2.8)
	Austria	27.1	(3.3)	72.4	(2.1)	7.7	(2.0)	4.3	(1.9)	34.7	(3.6)	19.9	(3.1)	9.5	(2.4)	73.1	(2.1)
	Belgium	0.4	(0.3)	25.3	(2.8)	6.0	(1.6)	40.9	(3.1)	8.0	(1.7)	27.0	(3.3)	6.3	(1.9)	26.8	(2.9)
	Canada	71.3	(1.9)	26.2	(2.0)	30.8	(2.7)	12.7	(1.8)	25.7	(2.5)	14.4	(1.8)	12.6	(2.8)	38.8	(2.5)
	Chile	11.4	(2.5)	35.9	(3.8)	14.3	(3.1)	26.7	(3.0)	17.9	(2.8)	43.5	(3.8)	7.4	(2.1)	40.6	(3.9)
	Czech Republic	2.3	(1.6)	97.5	(1.4)	13.2	(3.7)	16.4	(3.9)	24.6	(4.5)	2.8	(1.9)	4.6	(1.8)	97.5	(1.4)
	Denmark	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Estonia	29.2	(7.5)	53.9	(9.7)	6.4	(4.8)	10.2	(3.4)	28.6	(8.2)	13.1	(5.3)	13.9	(7.4)	53.9	(9.7)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	55.5	(3.5)	36.2	(3.9)	8.2	(2.3)	14.0	(2.3)	13.2	(3.1)	12.7	(2.9)	8.9	(2.6)	37.3	(3.8)
	Germany	60.4	(16.0)	39.4	(16.2)	7.1	(4.3)	4.5	(3.1)	22.7	(11.3)	7.0	(4.5)	0.0	c	40.3	(16.3)
	Greece	71.6	(4.2)	4.7	(1.8)	6.4	(2.1)	4.7	(1.5)	14.8	(2.9)	21.9	(3.4)	6.7	(2.2)	7.8	(2.3)
	Hungary	13.4	(2.8)	92.1	(2.2)	10.4	(2.9)	21.7	(3.1)	53.1	(4.5)	19.1	(3.3)	12.6	(2.2)	94.1	(1.9)
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	44.2	(4.2)	21.5	(3.5)	24.4	(3.7)	25.4	(3.7)	18.0	(3.2)	55.5	(4.0)	22.3	(3.9)	26.5	(3.8)
	Israel	37.4	(3.7)	45.2	(4.3)	44.0	(4.3)	43.1	(3.3)	28.3	(3.8)	14.8	(2.7)	7.5	(2.2)	59.3	(4.4)
	Italy	26.6	(1.9)	56.2	(2.1)	48.5	(2.1)	39.7	(2.2)	43.1	(2.1)	25.8	(1.7)	11.0	(1.5)	65.5	(2.0)
	Japan	9.5	(1.9)	93.1	(1.9)	30.0	(3.4)	10.7	(1.9)	31.4	(3.6)	2.8	(1.3)	2.6	(1.2)	94.0	(1.9)
	Korea	17.6	(3.5)	69.5	(3.9)	18.4	(3.7)	15.0	(3.0)	39.8	(4.3)	18.3	(3.5)	9.6	(2.7)	70.2	(3.8)
	Luxembourg	38.3	(0.1)	70.6	(0.1)	8.9	(0.1)	4.7	(0.1)	16.6	(0.2)	49.8	(0.2)	1.7	(0.0)	70.6	(0.1)
	Mexico	5.8	(1.1)	59.9	(2.2)	13.5	(1.3)	12.3	(1.5)	12.7	(1.4)	3.5	(0.9)	6.0	(1.9)	63.1	(2.3)
	Netherlands	27.3	(6.1)	90.6	(4.1)	93.5	(3.4)	31.1	(5.5)	12.7	(5.2)	26.1	(5.7)	2.3	(2.2)	94.9	(3.1)
	New Zealand	50.2	(3.0)	51.4	(3.9)	50.4	(3.9)	24.0	(3.1)	25.1	(3.5)	38.2	(4.0)	15.6	(3.7)	58.6	(3.8)
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	51.4	(5.6)	36.6	(5.2)	2.0	(1.1)	37.1	(4.7)	54.2	(5.6)	28.1	(5.2)	13.3	(3.5)	36.6	(5.2)
	Slovak Republic	3.9	(2.8)	83.4	(3.1)	18.3	(4.5)	25.5	(5.6)	43.2	(5.9)	1.4	(0.8)	11.6	(3.7)	84.0	(3.4)
	Slovenia	1.3	(0.1)	27.5	(0.4)	4.4	(0.1)	2.5	(0.1)	62.5	(0.3)	0.0	c	1.0	(0.1)	29.8	(0.4)
	Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	0.0	c	70.9	(9.5)	0.0	c	0.0	c	9.7	(4.9)	0.0	c	0.0	c	70.9	(9.5)
	Switzerland	48.7	(7.7)	74.3	(7.8)	15.4	(4.7)	4.1	(2.7)	24.4	(6.2)	0.0	c	14.0	(6.0)	75.4	(7.7)
	Turkey	32.1	(3.5)	42.7	(3.4)	5.4	(1.8)	19.1	(2.9)	13.8	(2.9)	9.1	(2.1)	8.9	(2.9)	44.1	(3.6)
	United Kingdom	48.4	(3.2)	23.0	(2.2)	20.3	(2.4)	12.4	(2.2)	13.4	(2.1)	27.9	(3.0)	22.2	(3.9)	28.2	(2.7)
United States	73.8	(3.7)	34.7	(3.4)	21.3	(3.3)	7.0	(2.1)	17.3	(3.4)	5.3	(2.0)	10.6	(4.1)	36.4	(3.4)	
OECD average	32.0	(0.9)	52.4	(1.0)	19.9	(0.6)	17.8	(0.6)	26.3	(0.8)	18.9	(0.6)	9.1	(0.6)	55.7	(1.0)	
Partners	Albania	43.1	(5.3)	48.5	(5.1)	33.2	(4.3)	30.6	(4.8)	40.7	(5.5)	29.0	(4.8)	25.5	(5.3)	57.8	(5.3)
	Argentina	20.0	(2.6)	12.9	(3.2)	8.5	(2.1)	28.6	(4.2)	19.8	(3.7)	49.8	(4.3)	11.5	(3.8)	18.6	(3.3)
	Brazil	37.4	(2.5)	16.7	(1.9)	6.7	(1.5)	18.8	(2.1)	13.6	(1.8)	11.4	(2.0)	24.9	(3.0)	20.3	(2.1)
	Bulgaria	16.1	(2.3)	82.7	(2.8)	16.6	(2.9)	45.9	(4.0)	27.1	(3.7)	16.8	(2.2)	3.8	(1.2)	83.5	(2.8)
	Colombia	25.9	(3.7)	39.2	(4.2)	16.3	(3.3)	25.9	(3.8)	12.8	(3.1)	29.8	(4.4)	15.7	(3.3)	43.2	(4.3)
	Costa Rica	48.5	(5.0)	52.4	(4.9)	15.8	(2.7)	35.0	(4.3)	36.9	(5.3)	11.2	(1.7)	35.4	(7.4)	57.4	(4.6)
	Croatia	6.6	(1.3)	95.6	(1.8)	7.2	(1.8)	17.8	(3.2)	25.0	(3.6)	1.2	(0.9)	3.8	(1.5)	96.0	(1.7)
	Cyprus*	67.1	(0.1)	17.8	(0.1)	7.6	(0.0)	14.1	(0.1)	34.8	(0.1)	18.0	(0.1)	8.1	(0.1)	23.1	(0.1)
	Hong Kong-China	14.2	(2.9)	92.7	(1.9)	28.7	(3.9)	31.1	(4.1)	7.8	(2.3)	18.1	(3.9)	49.9	(9.7)	95.0	(1.3)
	Indonesia	38.9	(5.6)	62.6	(4.7)	28.2	(5.5)	30.0	(6.1)	62.1	(5.1)	30.6	(5.6)	25.7	(4.7)	66.6	(4.9)
	Jordan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Kazakhstan	31.5	(4.5)	46.6	(5.8)	25.1	(4.5)	17.9	(4.1)	32.2	(5.2)	15.3	(4.5)	9.2	(3.1)	54.7	(5.3)
	Latvia	20.7	(5.9)	43.5	(10.6)	2.8	(1.6)	0.6	(0.5)	27.0	(7.4)	13.5	(5.0)	1.1	(1.1)	44.7	(10.6)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	6.3	(0.1)	74.3	(0.1)	46.9	(0.1)	11.5	(0.1)	11.9	(0.1)	54.3	(0.1)	0.0	c	83.9	(0.1)
	Malaysia	31.2	(3.7)	46.1	(4.3)	26.6	(3.6)	27.2	(3.5)	26.1	(3.5)	10.7	(2.4)	4.7	(1.7)	54.8	(4.4)
	Montenegro	7.5	(0.1)	52.4	(0.1)	27.9	(0.1)	16.3	(0.1)	40.9	(0.1)	2.5	(0.0)	5.7	(0.1)	59.4	(0.1)
	Peru	6.6	(1.8)	29.3	(4.1)	7.0	(1.9)	18.4	(3.0)	16.3	(3.1)	21.5	(3.0)	13.2	(2.6)	33.2	(4.0)
	Qatar	49.0	(0.1)	44.8	(0.1)	23.9	(0.1)	34.0	(0.1)	24.0	(0.1)	44.3	(0.1)	15.3	(0.1)	48.7	(0.1)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	29.8	(4.4)	32.5	(5.2)	16.7	(3.6)	43.7	(6.2)	48.1	(4.4)	9.2	(3.6)	5.2	(2.0)	43.3	(5.4)
	Serbia	3.2	(1.5)	85.8	(2.6)	13.1	(3.2)	15.5	(3.3)	61.5	(4.2)	4.8	(2.0)	0.0	c	87.2	(2.6)
	Shanghai-China	13.7	(4.0)	69.5	(4.2)	16.4	(3.6)	45.2	(5.8)	17.9	(3.6)	3.8	(2.1)	7.8	(3.0)	74.4	(3.9)
	Singapore	7.7	(0.6)	79.2	(0.6)	15.9	(0.7)	4.9	(0.1)	7.4	(0.1)	4.9	(0.6)	3.6	(0.5)	82.1	(0.2)
	Chinese Taipei	15.8	(3.2)	59.2	(3.7)	13.8	(2.7)	31.9	(4.5)	46.5	(4.8)	20.8	(3.7)	4.4	(2.2)	62.5	(3.8)
	Thailand	41.8	(3.9)	81.9	(2.5)	70.4	(3.5)	55.5	(4.1)	62.4	(3.9)	21.4	(3.6)	21.3	(4.7)	88.3	(2.4)
Tunisia	59.3	(5.0)	39.8	(5.4)	29.4	(5.3)	2.3	(1.3)	6.8	(2.6)	10.0	(3.5)	5.6	(2.6)	49.5	(5.7)	
United Arab Emirates	40.6	(2.4)	66.1	(2.2)	33.9	(2.5)	39.4	(2.8)	24.9	(2.2)	43.9	(2.8)	9.9	(1.3)	70.1	(2.3)	
Uruguay	22.3	(2.7)	32.9	(4.0)	8.1	(1.8)	24.2	(3.4)	8.3	(2.6)	19.9	(3.2)	14.6	(3.7)	34.0	(4.2)	
Viet Nam	40.5	(4.3)	89.6	(2.8)	38.6	(4.3)	56.5	(4.5)	29.3	(4.1)	6.5	(2.2)	9.9	(2.5)	90.3	(2.7)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 3/3]  
**School admissions policies, by level of education**  
 Results based on school principals' reports

Table IV.2.8

		Difference between upper and lower secondary education (ISCED 3 - ISCED 2)												Percentage of students in schools whose principals reported that at least either "students' records of academic performance" or "recommendations of feeder schools" is always considered for admission			
		Percentage of students in schools whose principal reported that the following factors are "always" considered for admission to school:															
		Residence in a particular area		Students' academic records		Recommendations of feeder schools		Parents' endorsement of the instructional or religious philosophy of the school		Students' needs or desires for a special programme		Attendance of other family members at the school				Other	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	<b>-10.1</b>	(2.8)	-1.5	(2.5)	<b>-5.6</b>	(2.5)	-2.1	(2.7)	3.8	(2.4)	-1.3	(2.7)	2.4	(2.0)	-4.6	(2.6)
	Austria	<b>-29.8</b>	(11.5)	<b>42.6</b>	(9.3)	-0.3	(7.2)	<b>3.4</b>	(1.7)	-4.0	(10.9)	1.2	(8.7)	-7.0	(8.8)	<b>41.7</b>	(9.7)
	Belgium	-10.2	(6.0)	-3.6	(5.2)	1.1	(2.9)	0.0	(5.5)	<b>-16.2</b>	(7.4)	2.7	(4.2)	<b>-14.5</b>	(6.4)	-2.4	(5.4)
	Canada	<b>13.3</b>	(3.8)	-2.7	(4.0)	6.3	(4.2)	3.0	(2.5)	1.6	(3.7)	-1.8	(3.2)	-2.9	(6.0)	-1.3	(4.4)
	Chile	-7.2	(7.3)	<b>29.8</b>	(4.0)	<b>7.9</b>	(4.0)	<b>19.6</b>	(3.5)	10.7	(5.6)	<b>16.3</b>	(7.5)	-1.9	(6.0)	<b>30.2</b>	(4.5)
	Czech Republic	<b>-21.4</b>	(3.8)	<b>78.8</b>	(3.0)	3.6	(4.7)	-0.3	(5.1)	-4.8	(6.7)	-1.3	(2.6)	0.0	(2.4)	<b>72.5</b>	(3.8)
	Denmark	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Estonia	<b>-23.0</b>	(6.6)	17.2	(9.1)	2.4	(4.2)	-0.8	(3.1)	3.4	(7.5)	-5.7	(4.7)	8.5	(6.7)	15.7	(9.1)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	<b>-17.4</b>	(5.0)	<b>19.5</b>	(4.8)	<b>6.0</b>	(2.9)	0.0	(3.0)	4.0	(4.0)	-6.7	(5.6)	1.4	(4.2)	<b>20.6</b>	(4.7)
	Germany	11.8	(16.4)	-9.8	(16.3)	<b>-38.3</b>	(5.7)	-5.1	(3.6)	-12.3	(12.1)	<b>-12.8</b>	(4.8)	<b>-5.8</b>	(2.1)	-21.9	(16.3)
	Greece	2.7	(11.9)	<b>4.7</b>	(1.8)	-1.9	(7.1)	-7.3	(7.7)	<b>11.4</b>	(4.4)	<b>13.8</b>	(5.8)	-0.1	(6.5)	-0.6	(7.1)
	Hungary	<b>-56.8</b>	(7.2)	<b>80.6</b>	(6.1)	6.8	(3.5)	-9.9	(7.8)	13.5	(10.0)	-0.6	(8.7)	2.8	(6.5)	<b>80.8</b>	(6.1)
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	-0.3	(1.8)	-0.2	(1.5)	0.0	(1.6)	-0.3	(1.8)	1.1	(1.6)	1.6	(1.8)	2.7	(1.6)	0.0	(1.6)
	Israel	-10.2	(5.3)	<b>20.3</b>	(4.6)	<b>14.3</b>	(5.2)	<b>15.3</b>	(4.7)	<b>14.1</b>	(3.6)	<b>6.9</b>	(2.5)	0.2	(3.9)	<b>22.9</b>	(5.5)
	Italy	<b>-19.5</b>	(7.9)	-10.8	(7.9)	<b>-16.0</b>	(7.5)	-5.4	(7.1)	8.7	(5.7)	-13.8	(7.4)	-7.6	(5.2)	-9.3	(7.8)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	-4.6	(12.5)	<b>47.9</b>	(12.8)	9.0	(5.0)	9.5	(6.0)	<b>28.0</b>	(9.2)	-4.0	(12.1)	<b>9.6</b>	(2.7)	<b>45.7</b>	(11.9)
	Luxembourg	<b>-9.0</b>	(0.2)	<b>-2.6</b>	(0.2)	<b>-1.1</b>	(0.2)	<b>1.2</b>	(0.2)	<b>-0.7</b>	(0.2)	<b>-0.9</b>	(0.3)	<b>0.8</b>	(0.0)	<b>-2.6</b>	(0.2)
	Mexico	<b>-9.2</b>	(2.6)	<b>32.8</b>	(3.9)	<b>4.9</b>	(1.8)	-6.0	(3.5)	3.9	(3.0)	<b>-11.2</b>	(2.9)	-1.9	(3.3)	<b>32.4</b>	(4.0)
	Netherlands	8.3	(5.9)	-1.9	(4.2)	1.2	(3.9)	2.9	(5.5)	-9.3	(5.3)	7.2	(5.1)	-2.3	(3.1)	-3.5	(3.0)
	New Zealand	4.8	(3.0)	-0.2	(3.1)	0.0	(3.1)	-0.6	(2.3)	-0.9	(2.4)	-1.1	(2.6)	<b>-6.5</b>	(3.0)	1.8	(3.1)
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	-7.7	(5.8)	1.7	(5.8)	-1.6	(1.5)	<b>18.4</b>	(4.6)	<b>12.5</b>	(5.4)	8.8	(5.1)	2.6	(3.2)	0.2	(5.7)
	Slovak Republic	<b>-28.8</b>	(5.6)	<b>75.5</b>	(3.2)	<b>9.4</b>	(4.6)	11.0	(6.0)	<b>25.9</b>	(6.4)	-2.9	(1.7)	<b>8.4</b>	(3.9)	<b>70.2</b>	(4.1)
	Slovenia	<b>-57.6</b>	(15.0)	13.9	(11.5)	-0.8	(4.1)	<b>2.5</b>	(0.1)	<b>52.0</b>	(11.0)	-10.9	(10.4)	<b>1.0</b>	(0.1)	10.9	(12.1)
	Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	<b>-51.2</b>	(3.6)	<b>65.3</b>	(9.7)	<b>-7.0</b>	(1.9)	<b>-3.9</b>	(1.4)	-0.8	(5.5)	<b>-12.4</b>	(1.8)	<b>-10.6</b>	(2.5)	<b>62.0</b>	(9.7)
	Switzerland	-10.3	(8.3)	14.0	(8.2)	<b>-40.6</b>	(5.6)	1.2	(2.8)	8.4	(6.3)	<b>-1.4</b>	(0.6)	7.5	(6.3)	2.8	(7.9)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United States	-5.3	(4.0)	4.8	(4.7)	1.8	(3.8)	2.4	(1.3)	0.0	(3.5)	-0.7	(2.9)	<b>8.6</b>	(3.3)	4.9	(4.7)	
OECD average	<b>-13.9</b>	(1.5)	<b>20.6</b>	(1.4)	-1.5	(0.9)	<b>1.9</b>	(0.9)	<b>6.2</b>	(1.3)	-1.3	(1.1)	<b>-0.2</b>	(0.9)	<b>18.8</b>	(1.4)	
Partners	Albania	11.4	(7.5)	4.7	(6.6)	<b>-14.1</b>	(6.9)	6.5	(7.1)	<b>17.9</b>	(6.3)	10.5	(6.5)	0.8	(8.1)	-5.3	(7.1)
	Argentina	<b>-10.8</b>	(4.4)	<b>7.9</b>	(2.7)	<b>4.9</b>	(2.4)	<b>8.9</b>	(4.0)	3.3	(3.3)	<b>17.0</b>	(5.3)	-4.0	(4.9)	<b>10.7</b>	(3.2)
	Brazil	-7.1	(3.9)	-2.7	(2.9)	-1.5	(1.7)	5.4	(3.2)	1.8	(2.6)	2.6	(2.1)	1.8	(3.5)	-3.2	(3.0)
	Bulgaria	<b>-35.4</b>	(12.5)	<b>58.0</b>	(7.1)	4.0	(6.2)	<b>24.4</b>	(6.4)	0.6	(10.0)	-11.7	(8.9)	-0.1	(4.1)	<b>51.9</b>	(8.4)
	Colombia	1.9	(2.8)	3.4	(3.3)	-0.8	(2.7)	<b>5.7</b>	(2.8)	3.0	(1.7)	<b>7.4</b>	(3.1)	-1.9	(2.7)	1.3	(3.4)
	Costa Rica	-7.4	(4.2)	<b>9.9</b>	(4.0)	0.6	(2.4)	<b>12.2</b>	(3.9)	<b>10.3</b>	(4.5)	0.3	(1.6)	4.6	(6.6)	<b>10.3</b>	(4.0)
	Croatia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Cyprus*	<b>-14.9</b>	(0.9)	1.6	(1.2)	<b>-9.9</b>	(1.1)	<b>5.0</b>	(0.7)	<b>23.3</b>	(0.7)	<b>3.8</b>	(1.1)	<b>-2.5</b>	(1.0)	<b>-3.6</b>	(1.1)
	Hong Kong-China	-1.8	(1.4)	2.0	(1.4)	0.0	(1.8)	2.1	(2.8)	0.1	(0.7)	-0.4	(2.1)	-1.6	(4.2)	1.7	(1.1)
	Indonesia	-6.2	(8.3)	<b>13.9</b>	(6.9)	<b>-18.6</b>	(7.2)	<b>-17.8</b>	(8.1)	<b>26.9</b>	(7.5)	5.2	(7.0)	<b>15.4</b>	(5.8)	-0.8	(6.5)
	Jordan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Kazakhstan	<b>-8.8</b>	(4.3)	<b>11.3</b>	(5.4)	1.1	(4.0)	1.9	(4.0)	0.5	(5.3)	-0.1	(4.0)	-0.6	(2.6)	<b>12.7</b>	(5.1)
	Latvia	0.2	(6.1)	16.6	(10.3)	-1.3	(1.2)	-2.0	(1.2)	-10.6	(6.8)	-0.3	(4.4)	-2.0	(1.4)	16.3	(10.2)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	<b>0.5</b>	(0.2)	<b>10.1</b>	(0.2)	<b>3.3</b>	(0.2)	<b>2.2</b>	(0.1)	<b>0.5</b>	(0.1)	<b>7.2</b>	(0.2)	0.0	c	<b>11.2</b>	(0.2)
	Malaysia	1.0	(6.3)	9.7	(7.3)	4.5	(6.3)	9.7	(5.4)	8.6	(5.5)	4.0	(3.3)	1.6	(2.7)	7.0	(8.5)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Peru	0.1	(1.3)	<b>11.4</b>	(4.0)	-2.6	(2.0)	<b>8.2</b>	(2.4)	3.5	(2.5)	<b>6.3</b>	(2.5)	0.9	(2.3)	<b>10.1</b>	(4.1)
	Qatar	<b>3.4</b>	(0.3)	<b>-12.3</b>	(0.3)	<b>-0.9</b>	(0.3)	-0.2	(0.3)	<b>4.2</b>	(0.2)	<b>13.2</b>	(0.3)	<b>10.7</b>	(0.2)	<b>-9.6</b>	(0.3)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	<b>-20.3</b>	(3.7)	<b>21.3</b>	(4.5)	<b>7.5</b>	(3.7)	6.0	(4.6)	4.5	(4.5)	-0.2	(2.1)	0.9	(1.6)	<b>24.5</b>	(5.0)
	Serbia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Shanghai-China	<b>-36.0</b>	(6.7)	<b>52.1</b>	(5.3)	1.8	(4.7)	5.6	(7.6)	2.4	(5.6)	-0.1	(3.0)	3.5	(3.2)	<b>49.5</b>	(5.4)
	Singapore	-1.1	(2.3)	-1.8	(2.7)	4.2	(2.5)	1.9	(1.0)	<b>3.7</b>	(1.5)	0.3	(1.3)	1.4	(0.8)	1.1	(2.6)
	Chinese Taipei	<b>-31.9</b>	(7.2)	<b>37.5</b>	(5.3)	0.5	(5.7)	7.6	(7.2)	<b>35.0</b>	(5.9)	9.3	(4.9)	0.0	(3.2)	<b>34.9</b>	(6.4)
	Thailand	-4.0	(5.3)	3.9	(4.5)	-3.1	(4.1)	5.4	(4.9)	<b>14.7</b>	(5.2)	6.5	(4.1)	5.8	(4.7)	-0.6	(2.8)
	Tunisia	10.4	(7.5)	-8.8	(8.5)	<b>16.8</b>	(6.0)	-0.3	(1.8)	1.9	(3.9)	0.1	(4.7)	3.8	(3.2)	-3.0	(8.7)
	United Arab Emirates	-2.0	(4.6)	-0.6	(4.7)	2.9	(3.7)	3.0	(5.2)	1.0	(4.3)	1.9	(4.9)	-7.0	(4.7)	0.3	(4.0)
	Uruguay	<b>-10.9</b>	(4.0)	<b>17.0</b>	(4.2)	1.2	(2.3)	<b>15.9</b>	(4.0)	0.9	(3.0)	7.7	(4.7)	6.1	(3.9)	<b>15.7</b>	(4.6)
	Viet Nam	-7.7	(11.4)	<b>32.0</b>	(12.0)	<b>27.1</b>	(8.2)	17.9	(13.2)	9.6	(9.7)	-5.5	(8.6)	-4.2	(9.1)	<b>32.8</b>	(12.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
School transfer policies

Table IV.2.9 Results based on school principals' reports

		Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be transferred to another school for the following reasons:														
		Low academic achievement			High academic achievement			Behavioural problems			Special learning needs					
		Not likely		Likely	Not likely		Likely	Very likely	Not likely		Likely	Very likely	Not likely		Likely	Very likely
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%
OECD	Australia	96.1 (0.7)	3.3 (0.7)	0.6 (0.3)	92.6 (1.2)	5.5 (1.0)	1.9 (0.6)	74.8 (1.7)	23.0 (1.6)	2.2 (0.6)	90.3 (1.2)	8.8 (1.1)	0.9 (0.4)			
	Austria	17.6 (2.9)	22.1 (3.7)	60.3 (3.9)	95.0 (1.8)	4.6 (1.8)	0.4 (0.6)	45.6 (4.8)	47.2 (4.6)	7.2 (2.0)	57.9 (4.1)	36.1 (3.9)	6.0 (1.9)			
	Belgium	45.1 (2.9)	38.2 (3.2)	16.7 (2.3)	92.5 (1.5)	5.9 (1.3)	1.6 (0.7)	36.6 (2.9)	50.1 (3.2)	13.3 (2.2)	53.7 (3.3)	41.1 (3.2)	5.2 (1.1)			
	Canada	95.5 (0.8)	3.7 (0.7)	0.8 (0.4)	98.9 (0.3)	0.9 (0.3)	0.2 (0.2)	73.6 (2.2)	23.9 (2.1)	2.4 (0.5)	84.0 (1.7)	13.3 (1.6)	2.7 (0.7)			
	Chile	62.9 (3.5)	30.5 (3.3)	6.6 (1.9)	67.9 (3.7)	23.5 (3.4)	8.6 (2.2)	24.7 (3.0)	59.2 (3.6)	16.1 (2.6)	58.9 (3.7)	32.2 (3.7)	8.9 (2.3)			
	Czech Republic	75.7 (3.1)	18.0 (2.7)	6.4 (1.5)	92.8 (1.7)	6.3 (1.7)	0.9 (0.4)	76.9 (3.0)	18.8 (2.9)	4.3 (1.4)	92.7 (2.5)	3.4 (1.4)	3.9 (1.8)			
	Denmark	90.3 (2.3)	9.5 (2.3)	0.2 (0.2)	87.5 (2.2)	12.5 (2.2)	0.1 (0.0)	55.2 (3.5)	42.6 (3.4)	2.1 (1.1)	72.6 (3.3)	25.5 (3.3)	1.9 (1.1)			
	Estonia	90.0 (1.6)	8.6 (1.4)	1.4 (0.8)	84.4 (2.5)	12.2 (2.2)	3.4 (1.2)	74.3 (2.7)	25.0 (2.6)	0.8 (0.5)	56.7 (3.1)	40.0 (3.0)	3.3 (1.2)			
	Finland	98.6 (0.1)	1.3 (0.1)	0.1 (0.0)	98.8 (0.8)	0.9 (0.7)	0.3 (0.3)	85.8 (2.5)	14.0 (2.5)	0.2 (0.0)	90.2 (1.9)	9.6 (1.9)	0.2 (0.0)			
	France	77.8 (2.5)	18.0 (2.6)	4.2 (1.5)	90.1 (2.2)	9.5 (2.1)	0.5 (0.5)	48.5 (3.2)	43.4 (3.3)	8.1 (1.9)	44.6 (3.2)	47.2 (3.3)	8.2 (2.0)			
	Germany	68.9 (3.1)	28.0 (3.0)	3.1 (1.3)	88.8 (2.3)	9.1 (2.1)	2.1 (1.0)	79.6 (2.9)	19.3 (2.8)	1.0 (0.8)	90.6 (2.1)	6.7 (1.7)	2.7 (1.1)			
	Greece	40.4 (3.6)	48.1 (3.6)	11.5 (2.2)	82.8 (3.2)	11.0 (2.6)	6.2 (2.0)	19.9 (3.4)	68.2 (3.9)	11.8 (2.3)	45.9 (3.7)	45.2 (3.6)	8.9 (2.1)			
	Hungary	52.3 (3.4)	41.1 (3.7)	6.6 (2.2)	91.9 (1.9)	5.8 (1.6)	2.4 (1.2)	42.5 (3.2)	47.3 (3.5)	10.2 (2.1)	91.0 (2.1)	5.9 (1.7)	3.1 (1.4)			
	Iceland	99.9 (0.0)	0.1 (0.0)	0.0 c	94.1 (1.1)	3.7 (1.0)	2.2 (0.1)	79.2 (0.2)	20.8 (0.2)	0.0 c	91.0 (0.1)	8.3 (0.1)	0.8 (0.0)			
	Ireland	94.1 (2.0)	4.1 (1.7)	1.8 (1.1)	97.1 (1.0)	2.9 (1.0)	0.0 c	87.6 (2.7)	11.2 (2.5)	1.2 (0.9)	93.8 (1.7)	4.5 (1.3)	1.7 (1.1)			
	Israel	69.7 (4.1)	25.7 (3.9)	4.6 (1.9)	90.9 (1.9)	9.1 (1.9)	0.0 c	28.4 (3.7)	56.0 (4.1)	15.6 (3.0)	39.3 (4.3)	52.1 (4.3)	8.6 (2.2)			
	Italy	37.7 (2.1)	49.4 (2.4)	13.0 (1.3)	97.6 (0.6)	2.4 (0.6)	0.0 (0.0)	62.5 (1.8)	34.3 (1.8)	3.2 (0.8)	70.1 (1.8)	27.2 (1.8)	2.7 (0.8)			
	Japan	38.3 (3.4)	56.9 (3.7)	4.8 (1.5)	99.2 (0.6)	0.8 (0.6)	0.0 c	40.4 (3.2)	58.1 (3.4)	1.5 (0.9)	82.2 (2.7)	16.7 (2.6)	1.1 (0.8)			
	Korea	70.3 (3.8)	18.9 (3.2)	10.9 (2.6)	88.7 (2.7)	8.6 (2.4)	2.7 (1.4)	37.0 (3.9)	43.4 (4.1)	19.6 (2.7)	74.1 (3.8)	24.5 (3.8)	1.3 (0.9)			
	Luxembourg	72.8 (0.1)	20.5 (0.1)	6.7 (0.0)	87.9 (0.1)	9.2 (0.1)	2.9 (0.0)	46.4 (0.1)	40.2 (0.1)	13.4 (0.1)	59.4 (0.1)	39.7 (0.1)	0.8 (0.0)			
	Mexico	58.6 (1.9)	36.0 (1.9)	5.4 (0.8)	75.2 (1.7)	18.5 (1.5)	6.3 (1.2)	37.7 (1.7)	50.5 (2.0)	11.8 (1.3)	50.6 (1.9)	39.9 (1.8)	9.5 (1.3)			
	Netherlands	77.5 (3.8)	17.5 (3.4)	5.0 (1.8)	90.0 (2.4)	10.0 (2.4)	0.0 c	62.8 (3.8)	35.0 (3.7)	2.2 (1.2)	56.5 (4.5)	39.9 (4.6)	3.6 (1.4)			
	New Zealand	97.1 (1.3)	1.6 (0.9)	1.3 (0.9)	97.3 (1.2)	1.5 (0.9)	1.1 (0.8)	83.2 (3.4)	14.4 (3.1)	2.4 (1.4)	95.8 (2.0)	1.4 (0.8)	2.9 (1.8)			
	Norway	100.0 (0.0)	0.0 c	0.0 c	97.6 (1.1)	1.8 (1.0)	0.6 (0.5)	77.4 (2.9)	21.9 (2.9)	0.7 (0.7)	95.6 (1.6)	4.4 (1.6)	0.0 c			
	Poland	90.2 (2.4)	9.1 (2.3)	0.7 (0.7)	93.7 (1.8)	6.3 (1.8)	0.0 c	58.1 (4.2)	39.5 (4.1)	2.5 (1.2)	50.8 (4.1)	47.5 (4.0)	1.7 (1.0)			
	Portugal	85.6 (2.9)	13.0 (2.8)	1.4 (0.9)	93.0 (2.3)	7.0 (2.3)	0.0 c	64.9 (3.5)	33.0 (3.6)	2.1 (1.4)	89.7 (2.2)	10.0 (2.2)	0.3 (0.3)			
	Slovak Republic	57.1 (3.4)	28.2 (2.9)	14.6 (2.5)	84.3 (2.9)	13.2 (2.4)	2.5 (1.7)	41.8 (3.4)	44.7 (3.9)	13.5 (2.9)	59.9 (3.9)	37.7 (3.8)	2.4 (1.0)			
	Slovenia	21.0 (0.8)	61.1 (0.6)	17.9 (0.3)	81.9 (0.3)	15.8 (0.3)	2.3 (0.2)	22.5 (0.9)	70.4 (0.9)	7.1 (0.2)	65.2 (0.7)	34.4 (0.7)	0.4 (0.0)			
	Spain	97.8 (0.6)	2.1 (0.6)	0.1 (0.1)	98.1 (0.5)	1.5 (0.4)	0.4 (0.2)	76.0 (2.2)	23.2 (2.2)	0.8 (0.4)	82.3 (1.8)	15.3 (1.7)	2.5 (0.7)			
	Sweden	98.0 (0.9)	1.9 (0.9)	0.0 (0.0)	94.4 (1.8)	4.3 (1.5)	1.3 (0.9)	88.7 (2.5)	11.2 (2.5)	0.1 (0.1)	69.0 (3.0)	27.6 (2.8)	3.4 (1.4)			
	Switzerland	78.8 (3.0)	15.1 (2.8)	6.1 (1.8)	73.1 (3.0)	14.1 (2.1)	12.7 (2.3)	59.2 (3.3)	37.7 (3.2)	3.0 (1.3)	63.2 (3.1)	33.4 (3.0)	3.4 (1.4)			
	Turkey	58.5 (4.2)	32.1 (4.1)	9.3 (2.3)	74.6 (3.4)	20.6 (2.8)	4.7 (2.1)	37.2 (4.5)	45.0 (4.1)	17.8 (3.2)	60.8 (4.1)	30.3 (3.8)	8.9 (2.3)			
	United Kingdom	95.9 (1.6)	2.4 (1.3)	1.7 (0.9)	96.7 (1.1)	3.2 (1.1)	0.1 (0.1)	71.7 (3.9)	25.6 (3.5)	2.7 (1.2)	95.7 (1.6)	4.1 (1.6)	0.2 (0.1)			
	United States	91.5 (2.1)	8.0 (2.0)	0.5 (0.4)	96.4 (1.7)	3.2 (1.7)	0.5 (0.4)	65.1 (3.8)	31.2 (4.2)	3.7 (1.5)	88.6 (2.4)	10.4 (2.3)	0.9 (0.7)			
OECD average	73.6 (0.4)	19.8 (0.4)	6.6 (0.3)	90.2 (0.3)	7.8 (0.3)	2.0 (0.2)	57.8 (0.5)	36.2 (0.5)	6.0 (0.3)	72.4 (0.5)	24.2 (0.5)	3.3 (0.2)				
Partners	Albania	72.0 (3.1)	26.1 (3.1)	1.9 (1.3)	82.9 (3.3)	14.2 (3.2)	2.8 (1.3)	56.7 (3.7)	36.2 (3.5)	7.1 (2.5)	56.5 (4.5)	41.0 (4.5)	2.5 (1.3)			
	Argentina	80.2 (3.5)	17.6 (3.3)	2.2 (1.1)	90.8 (2.6)	8.5 (2.6)	0.7 (0.6)	39.2 (3.5)	55.0 (3.7)	5.8 (1.7)	47.9 (4.3)	46.1 (4.0)	6.0 (2.1)			
	Brazil	77.6 (2.1)	16.9 (2.1)	5.5 (1.3)	92.6 (1.7)	4.3 (1.3)	3.1 (1.0)	41.3 (2.5)	48.2 (2.5)	10.5 (1.5)	73.1 (2.4)	24.2 (2.4)	2.7 (0.8)			
	Bulgaria	65.2 (4.0)	29.5 (4.0)	5.3 (1.8)	80.8 (3.2)	18.5 (3.3)	0.6 (0.6)	6.8 (1.9)	67.5 (3.6)	25.7 (3.5)	47.7 (4.5)	46.4 (4.6)	6.0 (1.8)			
	Colombia	58.4 (4.0)	38.9 (4.0)	2.7 (0.9)	72.8 (4.0)	23.7 (3.8)	3.5 (1.4)	28.3 (3.6)	60.5 (3.9)	11.2 (2.1)	44.2 (3.7)	48.5 (3.6)	7.3 (1.7)			
	Costa Rica	33.1 (3.5)	56.1 (3.8)	10.7 (2.3)	67.7 (3.6)	26.4 (3.4)	5.8 (1.4)	26.4 (3.5)	59.7 (3.8)	13.9 (2.8)	55.4 (3.5)	37.5 (3.1)	7.2 (1.7)			
	Croatia	47.1 (4.0)	42.5 (3.9)	10.4 (2.3)	88.9 (2.3)	10.6 (2.3)	0.5 (0.5)	59.1 (4.1)	38.4 (4.0)	2.6 (1.2)	58.1 (3.9)	36.0 (3.7)	5.9 (1.9)			
	Cyprus*	59.5 (0.1)	35.9 (0.1)	4.6 (0.1)	90.6 (0.1)	8.0 (0.0)	1.4 (0.0)	10.9 (0.0)	64.2 (0.1)	24.9 (0.1)	53.2 (0.1)	37.2 (0.1)	9.6 (0.0)			
	Hong Kong-China	32.0 (4.2)	62.0 (4.3)	6.0 (2.1)	68.0 (3.8)	30.5 (3.6)	1.5 (1.1)	35.8 (3.4)	60.2 (3.7)	4.1 (1.7)	48.2 (4.1)	49.9 (4.0)	1.9 (1.1)			
	Indonesia	63.4 (4.3)	30.4 (3.9)	6.2 (2.0)	87.6 (2.7)	11.8 (2.7)	0.6 (0.5)	17.5 (3.3)	52.5 (4.0)	29.9 (3.8)	39.8 (3.9)	45.7 (4.1)	14.5 (2.9)			
	Jordan	67.5 (3.6)	25.5 (3.4)	7.0 (1.9)	55.6 (3.6)	26.6 (3.5)	17.8 (2.9)	12.0 (2.4)	52.8 (3.7)	35.2 (3.6)	35.8 (3.5)	50.1 (3.5)	14.1 (2.6)			
	Kazakhstan	73.1 (3.4)	23.0 (3.3)	3.9 (1.6)	58.0 (3.9)	34.0 (3.7)	8.0 (2.2)	68.0 (4.0)	27.4 (4.0)	4.5 (1.8)	39.1 (3.8)	55.9 (4.2)	5.0 (1.8)			
	Latvia	75.6 (3.2)	23.4 (3.1)	1.1 (0.8)	76.2 (3.3)	21.2 (3.2)	2.6 (1.1)	65.9 (3.2)	31.2 (3.1)	2.8 (1.2)	31.3 (3.4)	58.7 (3.4)	10.0 (2.1)			
	Liechtenstein	54.5 (0.6)	0.0 c	45.5 (0.6)	52.7 (1.2)	47.3 (1.2)	0.0 c	71.7 (1.0)	28.3 (1.0)	0.0 c	58.9 (0.8)	7.1 (0.8)	34.1 (0.4)			
	Lithuania	81.0 (2.5)	19.0 (2.5)	0.0 c	74.0 (3.1)	19.6 (2.9)	6.3 (1.9)	58.5 (3.3)	38.7 (3.2)	2.7 (1.2)	76.6 (2.8)	22.0 (2.7)	1.4 (0.9)			
	Macao-China	4.3 (0.0)	61.8 (0.1)	33.9 (0.1)	57.0 (0.1)	41.7 (0.1)	1.3 (0.0)	11.6 (0.0)	58.5 (0.1)	29.8 (0.0)	33.2 (0.1)	54.1 (0.1)	12.7 (0.0)			
	Malaysia	87.4 (2.5)	12.0 (2.5)	0.6 (0.6)	62.7 (4.1)	23.6 (3.7)	13.7 (2.8)	33.1 (3.5)	49.7 (4.1)	17.2 (3.1)	31.9 (3.4)	57.0 (3.4)	11.1 (2.3)			
	Montenegro	62.5 (0.1)	33.4 (0.1)	4.1 (0.0)	55.3 (0.2)	40.3 (0.2)	4.5 (0.0)	48.3 (0.1)	45.8 (0.2)	5.9 (0.0)	29.5 (0.1)	62.8 (0.1)	7.7 (0.1)			
	Peru	74.6 (3.2)	22.4 (3.2)	3.0 (1.2)	69.1 (3.4)	21.9 (3.2)	9.0 (2.1)	36.6 (3.8)	48.9 (3.5)	14.5 (2.2)	56.2 (3.5)	34.6 (3.5)	9.2 (1.9)			
	Qatar	93.2 (0.0)	6.0 (0.0)	0.8 (0.0)	88.0 (0.1)	8.6 (0.1)	3.4 (0.0)	40.2 (0.1)	48.8 (0.1)	11.0 (0.1)	65.3 (0.1)	32.6 (0.1)	2.1 (0.0)			
	Romania	66.7 (3.3)	27.4 (3.2)	5.8 (1.7)	78.9 (3.1)	19.0 (3.0)	2.1 (1.1)	53.8 (3.4)	36.6 (3.6)	9.6 (2.3)	46.9 (3.3)	34.5 (3.6)	18.6 (3.2)			
	Russian Federation	87.7 (2.1)	10.0 (1.9)	2.3 (1.0)	80.6 (2.9)	17.0 (2.8)	2.4 (0.8)	83.0 (2.8)	16.4 (2.9)	0.7 (0.6)	43.4 (3.9)	54.2 (4.1)	2.4 (1.2)			
	Serbia	58.9 (4.1)	34.5 (4.0)	6.6 (2.2)	81.7 (3.4)	17.5 (3.8)	0.8 (0.9)	32.9 (4.1)	54.0 (4.8)	13.1 (2.7)	69.0 (3.7)	28.4 (3.8)	2.6 (1.4)			
	Shanghai-China	72.7 (3.3)	22.4 (3.1)	4.9 (1.9)	77.4 (3.1)	21.4 (3.1)	1.2 (0.9)	62.2 (3.8)	35.1 (3.7)	2.8 (1.4)	28.7 (3.3)	68.9 (3.4)	2.4 (1.2)			
	Singapore	97.0 (0.5)	1.5 (0.0)	1.5 (0.5)	92.3 (0.5)	7.1 (0.1)	0.6 (0.5)	92.4 (0.8)	7.0 (0.6)	0.6 (0.5)	87.2 (0.8)	12.2 (0.6)	0.6 (0.5)			
	Chinese Taipei	26.5 (3.7)	63.6 (4.1)	9.9 (2.3)	70.5 (3.9)	29.5 (3.9)	0.0 c	5.2 (1.9)	73.8 (3.7)	21.0 (3.1)	19.6 (3.6)	71.1 (4.0)	9.3 (2.1)			
	Thailand	56.8 (3.8)	41.3 (3.7)	2.0 (1.1)	76.0 (3.2)	23.0 (3.1)	1.0 (0.7)	21.2 (2.7)	68.5 (3.7)	10.3 (2.5)	48.4 (3.4)	47.1 (3.5)	4.5 (1.4)			
	Tunisia	82.2 (2.9)	13.8 (2.6)	4.0 (1.6)	64.8 (4.3)	26.7 (3.7)	8.5 (2.3)	39.5 (3.8)	46.4 (3.9)	14.1 (3.1)	45.1 (4.1)	43.3 (4.1)	11.6 (2.6)			
	United Arab Emirates	69.2 (2.5)	26.9 (2.4)	3.9 (0.7)	78.7 (2.1)	17.5 (1.9)	3.8 (0.9)	42.4 (2.8)	45.0 (2.7)	12.6 (1.8)	62.5 (2.5)	34.6 (2.4)	3.0 (0.6)			
	Uruguay	93.6 (1.7)	6.4 (1.7)	0.0 c	97.4 (1.2)	1.5 (0.9)	1.0 (0.8)	64.7 (3.5)	33.6 (3.5)	1.7 (1.0)	72.3 (3.0)	25.6 (3.0)	2.0 (1.1)			
	Viet Nam	74.6 (3.3)	18.7 (3.1)	6.7 (2.1)	89.5 (2.7)	8.4 (2.4)	2.1 (1.2)	72.0 (3.7)	25.8 (3.7)	2.2 (1.1)	45.1 (4.5)	41.5 (4.3)	13.4 (3.0)			


\* See notes at the beginning of this Annex

[Part 2/2]

**School transfer policies**Table IV.2.9 *Results based on school principals' reports*

	Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be transferred to another school for the following reasons:									Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" transferred to another school because of "low academic achievement", "behavioural problems" or "special learning needs"				
	Parents' or guardians' request			Other										
	Not likely		Likely		Very likely		Not likely		Likely		Very likely			
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
<b>OECD</b>														
Australia	60.1	(1.9)	34.4	(1.8)	5.5	(0.9)	84.0	(1.4)	14.5	(1.4)	1.5	(0.4)	2.9	(0.7)
Austria	42.6	(3.9)	35.0	(3.8)	22.4	(3.6)	58.7	(4.3)	30.9	(4.0)	10.4	(2.5)	64.8	(4.0)
Belgium	47.0	(2.9)	42.0	(2.8)	11.1	(2.0)	69.3	(3.6)	27.2	(3.6)	3.5	(1.3)	28.0	(3.0)
Canada	61.0	(2.3)	33.1	(2.2)	6.0	(0.9)	76.2	(2.8)	22.3	(2.7)	1.5	(0.8)	4.7	(0.8)
Chile	10.7	(2.2)	67.4	(3.7)	22.0	(3.4)	46.2	(4.0)	49.4	(3.9)	4.5	(1.6)	22.9	(3.1)
Czech Republic	55.6	(3.9)	32.9	(3.2)	11.4	(2.7)	88.5	(2.7)	9.9	(2.7)	1.6	(0.9)	10.2	(2.0)
Denmark	34.7	(3.7)	58.4	(3.9)	7.0	(1.9)	55.5	(3.4)	41.7	(3.4)	2.7	(1.3)	2.3	(1.1)
Estonia	23.7	(2.5)	57.0	(2.6)	19.3	(2.3)	51.2	(2.8)	43.2	(2.8)	5.6	(1.5)	3.7	(1.3)
Finland	55.9	(3.3)	40.9	(3.5)	3.2	(1.3)	82.4	(2.8)	17.5	(2.8)	0.1	(0.0)	0.4	(0.0)
France	37.5	(3.2)	51.9	(3.5)	10.6	(2.0)	66.8	(3.6)	29.3	(3.4)	3.9	(1.5)	17.1	(2.6)
Germany	66.3	(3.5)	28.2	(3.2)	5.6	(1.8)	81.1	(3.3)	18.9	(3.3)	0.0	c	6.5	(1.6)
Greece	12.5	(2.9)	57.9	(3.6)	29.6	(3.9)	15.6	(2.8)	68.9	(3.4)	15.5	(3.0)	25.1	(3.5)
Hungary	40.0	(3.7)	51.9	(3.8)	8.1	(1.8)	70.3	(3.8)	26.3	(3.5)	3.4	(1.3)	15.1	(2.7)
Iceland	44.0	(0.2)	45.5	(0.2)	10.5	(0.2)	87.3	(0.2)	12.1	(0.2)	0.6	(0.1)	0.8	(0.0)
Ireland	79.6	(3.2)	17.3	(3.0)	3.0	(1.4)	84.0	(3.1)	14.4	(3.0)	1.6	(1.1)	2.4	(1.3)
Israel	27.8	(3.9)	57.4	(3.9)	14.8	(2.8)	41.0	(3.9)	50.2	(4.0)	8.7	(2.4)	20.4	(3.5)
Italy	14.9	(1.8)	62.1	(2.6)	23.0	(2.0)	58.7	(2.8)	38.8	(2.8)	2.5	(0.7)	16.9	(1.6)
Japan	49.4	(3.4)	48.7	(3.4)	1.9	(1.0)	23.3	(3.4)	74.4	(3.5)	2.3	(1.1)	5.8	(1.7)
Korea	22.9	(3.5)	55.3	(3.9)	21.8	(3.4)	54.1	(4.2)	38.7	(4.1)	7.2	(2.2)	26.0	(3.3)
Luxembourg	34.7	(0.1)	54.6	(0.1)	10.7	(0.1)	63.8	(0.1)	34.7	(0.1)	1.5	(0.0)	19.3	(0.1)
Mexico	8.2	(0.9)	59.9	(1.9)	32.0	(1.7)	35.1	(2.3)	51.3	(2.3)	13.6	(1.5)	19.6	(1.5)
Netherlands	54.5	(4.4)	36.5	(4.0)	9.0	(2.4)	82.0	(4.4)	17.1	(4.2)	1.0	(1.0)	10.1	(2.6)
New Zealand	73.9	(4.0)	19.4	(3.4)	6.7	(2.2)	86.2	(3.6)	12.6	(3.5)	1.2	(0.9)	4.1	(1.9)
Norway	55.7	(3.6)	38.5	(3.4)	5.8	(1.4)	79.8	(2.9)	19.4	(2.9)	0.8	(0.6)	0.7	(0.7)
Poland	7.4	(2.2)	71.9	(3.7)	20.7	(3.2)	34.8	(4.6)	63.1	(4.7)	2.1	(1.2)	3.6	(1.4)
Portugal	19.4	(3.1)	66.3	(3.8)	14.2	(2.4)	43.3	(4.6)	53.8	(4.6)	2.9	(1.2)	3.8	(1.7)
Slovak Republic	16.3	(2.8)	57.0	(3.6)	26.7	(3.3)	51.1	(3.9)	42.7	(4.0)	6.3	(2.6)	24.2	(3.3)
Slovenia	33.7	(0.9)	63.5	(0.9)	2.7	(0.1)	45.0	(0.8)	51.7	(0.8)	3.2	(0.2)	21.8	(0.3)
Spain	53.9	(2.2)	40.0	(2.2)	6.1	(1.0)	80.6	(2.5)	18.8	(2.5)	0.6	(0.4)	3.2	(0.8)
Sweden	35.3	(3.6)	46.3	(3.9)	18.4	(2.7)	86.1	(3.0)	12.5	(2.9)	1.4	(0.9)	3.5	(1.4)
Switzerland	68.0	(3.1)	28.7	(2.9)	3.3	(1.4)	67.4	(3.7)	31.2	(3.4)	1.3	(0.8)	9.9	(2.3)
Turkey	10.9	(2.5)	39.2	(3.9)	49.9	(3.7)	40.0	(4.4)	50.1	(4.4)	9.9	(2.5)	26.8	(3.6)
United Kingdom	63.1	(3.9)	30.2	(3.6)	6.7	(1.8)	90.5	(2.1)	8.6	(2.0)	0.9	(0.7)	3.5	(1.7)
United States	69.5	(3.5)	25.8	(3.6)	4.7	(1.7)	82.4	(3.8)	13.4	(3.5)	4.3	(2.0)	4.2	(1.6)
OECD average	40.9	(0.5)	45.7	(0.6)	13.4	(0.4)	63.6	(0.6)	32.6	(0.6)	3.8	(0.3)	12.8	(0.4)
<b>Partners</b>														
Albania	28.3	(3.9)	64.8	(4.3)	6.8	(1.9)	39.8	(4.3)	51.3	(4.3)	8.9	(3.0)	10.4	(2.9)
Argentina	10.7	(2.4)	67.8	(3.5)	21.4	(3.4)	32.3	(5.0)	60.4	(5.2)	7.4	(2.3)	11.5	(2.6)
Brazil	12.7	(2.0)	46.3	(3.1)	41.0	(2.8)	25.8	(2.7)	50.1	(3.2)	24.1	(2.5)	14.7	(1.9)
Bulgaria	0.7	(0.6)	51.7	(3.6)	47.6	(3.7)	10.3	(2.3)	72.2	(3.5)	17.5	(3.6)	30.6	(3.6)
Colombia	7.6	(2.1)	63.7	(4.1)	28.7	(4.0)	15.9	(3.0)	69.8	(3.5)	14.3	(2.5)	15.0	(2.5)
Costa Rica	9.4	(2.7)	65.2	(3.9)	25.4	(3.4)	21.8	(4.1)	55.8	(5.4)	22.4	(4.5)	22.7	(2.8)
Croatia	27.0	(3.5)	57.4	(3.9)	15.6	(2.7)	50.2	(4.5)	47.2	(4.4)	2.6	(1.4)	16.7	(2.7)
Cyprus*	10.9	(0.0)	65.8	(0.1)	23.3	(0.1)	14.6	(0.1)	71.4	(0.1)	14.0	(0.1)	32.5	(0.1)
Hong Kong-China	14.2	(3.0)	83.5	(3.1)	2.3	(1.2)	25.4	(9.2)	42.2	(13.1)	32.4	(14.5)	9.3	(2.6)
Indonesia	2.0	(0.8)	54.7	(3.9)	43.4	(3.9)	7.9	(2.0)	74.1	(4.0)	18.0	(3.6)	34.9	(3.9)
Jordan	9.0	(1.7)	57.1	(3.7)	33.9	(3.6)	20.6	(3.5)	60.5	(4.1)	18.9	(3.7)	42.5	(3.4)
Kazakhstan	25.8	(2.9)	60.3	(3.5)	13.9	(2.6)	45.5	(4.4)	49.7	(4.3)	4.7	(2.0)	9.1	(2.3)
Latvia	4.0	(1.3)	73.7	(3.0)	22.3	(3.0)	18.4	(2.9)	74.7	(3.0)	7.0	(2.2)	11.3	(2.3)
Liechtenstein	36.0	(1.1)	64.0	(1.1)	0.0	c	53.5	(1.0)	46.5	(1.0)	0.0	c	45.5	(0.6)
Lithuania	14.0	(2.5)	58.9	(3.3)	27.1	(2.9)	33.5	(4.0)	61.6	(4.1)	4.8	(2.0)	3.3	(1.3)
Macao-China	21.6	(0.0)	76.3	(0.0)	2.0	(0.0)	16.5	(0.0)	83.5	(0.0)	0.0	c	36.0	(0.1)
Malaysia	4.9	(1.7)	48.1	(4.2)	47.0	(4.1)	21.4	(3.7)	74.6	(4.0)	4.0	(1.8)	25.9	(3.6)
Montenegro	3.0	(0.0)	80.8	(0.1)	16.2	(0.1)	4.9	(0.0)	89.1	(0.1)	6.0	(0.1)	9.5	(0.1)
Peru	4.4	(1.4)	48.2	(3.8)	47.4	(3.8)	23.5	(3.0)	55.3	(3.4)	21.2	(2.8)	19.5	(2.7)
Qatar	17.8	(0.1)	47.1	(0.1)	35.1	(0.1)	29.1	(0.1)	54.3	(0.1)	16.6	(0.1)	11.5	(0.1)
Romania	29.2	(2.3)	33.4	(3.7)	37.4	(3.7)	81.7	(2.9)	15.7	(2.7)	2.6	(1.3)	22.3	(3.1)
Russian Federation	30.2	(4.0)	57.3	(3.8)	12.5	(2.1)	51.4	(3.6)	44.5	(4.1)	4.1	(1.8)	4.7	(1.6)
Serbia	6.2	(2.2)	60.0	(3.9)	33.8	(3.9)	29.2	(3.9)	63.8	(4.1)	7.0	(2.5)	19.5	(3.2)
Shanghai-China	18.4	(3.2)	76.5	(3.2)	5.0	(1.8)	23.5	(3.4)	72.5	(3.5)	4.0	(1.7)	7.2	(2.1)
Singapore	59.6	(0.7)	35.2	(0.5)	5.1	(0.5)	86.2	(0.5)	13.2	(0.6)	0.6	(0.5)	1.5	(0.5)
Chinese Taipei	9.2	(2.4)	82.1	(2.9)	8.8	(2.0)	21.2	(3.5)	73.0	(3.3)	5.8	(1.8)	28.1	(3.5)
Thailand	24.5	(3.3)	67.7	(3.9)	7.8	(2.1)	34.8	(5.0)	61.4	(5.1)	3.8	(1.8)	14.1	(2.6)
Tunisia	11.7	(2.2)	46.0	(4.0)	42.4	(3.6)	34.6	(3.7)	58.1	(4.0)	7.4	(2.3)	24.2	(3.6)
United Arab Emirates	13.9	(1.1)	54.6	(2.9)	31.6	(2.8)	27.7	(1.8)	58.0	(2.7)	14.3	(2.3)	16.0	(1.9)
Uruguay	15.2	(2.8)	56.0	(3.8)	28.8	(3.2)	58.0	(4.2)	36.2	(4.2)	5.8	(2.0)	3.7	(1.0)
Viet Nam	10.3	(2.5)	41.1	(3.8)	48.7	(4.0)	53.9	(4.1)	38.5	(3.8)	7.6	(2.2)	19.9	(3.3)

\* See notes at the beginning of this Annex.

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[Part 1/3]  
School transfer policies, by level of education

Table IV.2.10 Results based on school principals' reports

		Lower secondary education (ISCED 2)													
		Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" transferred to another school for the following reasons:													
		Low academic achievement		High academic achievement		Behavioural problems		Special learning needs		Parents' or guardians' request		Other		"low academic achievement", "behavioural problems" or "special learning needs"	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	0.5	(0.3)	2.1	(0.7)	2.0	(0.5)	0.8	(0.4)	5.6	(1.0)	1.5	(0.4)	2.5	(0.6)
	Austria	31.0	(8.6)	7.7	(10.5)	26.2	(11.3)	15.4	(8.1)	15.2	(6.6)	12.1	(8.3)	52.5	(11.4)
	Belgium	8.1	(5.4)	4.4	(2.6)	22.9	(6.2)	15.9	(7.2)	19.1	(4.3)	1.6	(1.3)	29.6	(7.1)
	Canada	1.7	(0.8)	0.5	(0.5)	3.8	(1.2)	5.8	(1.8)	6.4	(1.5)	1.2	(0.8)	8.3	(2.0)
	Chile	3.1	(2.2)	15.7	(5.7)	21.6	(8.2)	4.7	(2.7)	21.5	(8.3)	9.7	(5.5)	26.0	(8.2)
	Czech Republic	2.4	(1.1)	1.6	(0.8)	3.3	(1.4)	5.5	(2.4)	10.1	(3.4)	1.8	(1.1)	6.5	(2.5)
	Denmark	0.2	(0.2)	0.1	(0.0)	2.1	(1.1)	1.9	(1.1)	7.0	(1.9)	2.7	(1.3)	2.3	(1.1)
	Estonia	1.4	(0.8)	3.4	(1.2)	0.8	(0.5)	3.3	(1.2)	19.4	(2.3)	5.7	(1.5)	3.7	(1.3)
	Finland	0.1	(0.0)	0.3	(0.3)	0.2	(0.0)	0.2	(0.0)	3.2	(1.3)	0.1	(0.0)	0.4	(0.0)
	France	0.0	c	1.6	(1.6)	20.8	(5.2)	8.8	(3.0)	5.8	(2.6)	2.1	(2.0)	24.8	(5.3)
	Germany	3.2	(1.3)	2.1	(1.0)	1.1	(0.8)	2.8	(1.1)	5.7	(1.9)	0.0	c	6.6	(1.7)
	Greece	0.0	c	1.9	(1.8)	6.0	(3.8)	9.9	(5.3)	10.4	(9.6)	7.4	(6.8)	13.2	(6.0)
	Hungary	0.0	c	9.9	(6.6)	4.0	(3.9)	1.2	(1.2)	2.3	(2.4)	0.8	(0.8)	5.2	(4.0)
	Iceland	0.0	c	2.2	(0.1)	0.0	c	0.8	(0.0)	10.5	(0.2)	0.6	(0.1)	0.8	(0.0)
	Ireland	1.8	(1.2)	0.0	c	1.4	(1.0)	2.0	(1.2)	2.8	(1.3)	1.5	(1.0)	2.4	(1.3)
	Israel	3.1	(2.4)	0.0	c	7.9	(3.3)	4.9	(2.2)	9.0	(3.2)	3.9	(1.8)	10.5	(3.6)
	Italy	2.2	(2.3)	0.0	c	4.0	(3.2)	0.0	c	11.8	(4.6)	4.3	(4.7)	6.2	(4.2)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	0.0	c	0.0	c	15.9	(4.1)	0.0	c	35.6	(16.0)	10.0	(9.7)	15.9	(4.1)
	Luxembourg	4.6	(0.0)	3.8	(0.1)	17.1	(0.1)	0.5	(0.0)	10.6	(0.1)	0.8	(0.0)	21.2	(0.1)
	Mexico	3.0	(1.0)	3.4	(1.0)	12.9	(2.2)	9.3	(2.0)	35.8	(3.6)	19.6	(3.7)	19.2	(2.5)
	Netherlands	4.0	(1.7)	0.0	c	2.1	(1.1)	5.0	(1.9)	8.6	(2.5)	0.6	(0.6)	10.3	(2.8)
	New Zealand	1.7	(1.3)	0.9	(0.6)	2.2	(1.6)	1.9	(1.2)	6.0	(2.1)	1.9	(1.6)	3.1	(1.7)
	Norway	0.0	c	0.6	(0.5)	0.7	(0.7)	0.0	c	5.8	(1.4)	0.8	(0.6)	0.7	(0.7)
	Poland	0.7	(0.7)	0.0	c	2.5	(1.2)	1.7	(1.0)	20.5	(3.2)	1.8	(1.2)	3.6	(1.4)
	Portugal	1.0	(0.5)	0.0	c	2.3	(1.5)	0.2	(0.1)	19.2	(3.9)	2.3	(1.6)	3.4	(1.6)
	Slovak Republic	1.7	(1.2)	3.6	(1.7)	4.9	(2.0)	3.5	(1.5)	23.5	(3.6)	5.3	(2.3)	8.3	(2.6)
	Slovenia	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Spain	0.1	(0.1)	0.4	(0.2)	0.8	(0.4)	2.5	(0.7)	6.2	(1.0)	0.6	(0.4)	3.2	(0.8)
	Sweden	0.0	c	1.3	(0.9)	0.1	(0.1)	3.4	(1.4)	18.6	(2.7)	1.4	(0.9)	3.5	(1.4)
	Switzerland	3.7	(1.2)	16.2	(2.9)	3.1	(1.4)	2.8	(1.2)	1.9	(0.8)	1.7	(1.1)	8.2	(1.9)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United States	3.2	(2.7)	3.2	(2.7)	5.5	(2.9)	3.6	(2.7)	6.6	(3.0)	7.9	(4.4)	5.9	(3.0)
OECD average	2.7	(0.5)	2.8	(0.7)	6.4	(0.7)	3.8	(0.5)	11.8	(0.8)	3.6	(0.6)	9.9	(0.7)	
Partners	Albania	0.0	c	1.9	(1.1)	5.5	(2.6)	2.3	(1.2)	7.3	(3.1)	6.7	(2.6)	7.8	(2.8)
	Argentina	0.7	(0.5)	0.4	(0.5)	8.8	(3.7)	4.4	(1.7)	24.9	(4.5)	7.4	(2.8)	12.7	(3.9)
	Brazil	3.9	(1.2)	1.8	(1.0)	10.8	(3.1)	3.0	(2.0)	39.2	(4.5)	20.4	(3.1)	13.6	(3.1)
	Bulgaria	0.8	(0.8)	0.0	c	20.6	(8.7)	9.9	(8.6)	64.9	(11.9)	24.9	(12.9)	30.5	(9.9)
	Colombia	2.7	(1.2)	3.6	(1.6)	11.7	(2.5)	8.6	(2.3)	29.7	(4.3)	14.7	(2.7)	16.7	(3.0)
	Costa Rica	9.7	(2.2)	7.0	(1.8)	13.5	(3.2)	7.5	(2.1)	27.6	(4.0)	23.4	(4.8)	21.8	(3.0)
	Croatia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Cyprus*	0.0	c	3.7	(0.8)	20.8	(1.1)	8.1	(0.7)	20.9	(1.1)	16.7	(1.0)	23.6	(1.2)
	Hong Kong-China	5.8	(2.0)	1.5	(1.0)	3.7	(1.6)	1.9	(1.1)	2.4	(1.3)	23.9	(10.6)	8.8	(2.5)
	Indonesia	0.6	(0.7)	0.5	(0.5)	18.0	(5.4)	11.9	(3.7)	32.3	(5.1)	7.6	(2.6)	23.4	(5.6)
	Jordan	7.0	(1.9)	17.8	(2.9)	35.2	(3.6)	14.1	(2.6)	33.9	(3.6)	18.9	(3.7)	42.5	(3.4)
	Kazakhstan	3.1	(1.6)	9.0	(2.6)	4.3	(2.0)	5.5	(2.0)	15.5	(2.8)	5.0	(2.2)	8.9	(2.4)
	Latvia	0.9	(0.6)	2.7	(1.1)	2.9	(1.2)	10.0	(2.1)	22.6	(3.0)	6.6	(2.2)	11.3	(2.2)
	Liechtenstein	38.3	(0.6)	0.0	c	0.0	c	25.3	(0.4)	0.0	c	0.0	c	38.3	(0.6)
	Lithuania	0.0	c	6.3	(1.9)	2.7	(1.2)	1.4	(0.9)	27.2	(2.9)	4.8	(2.0)	3.3	(1.3)
	Macao-China	32.4	(0.1)	2.4	(0.0)	28.9	(0.1)	11.9	(0.1)	2.0	(0.0)	0.0	c	35.0	(0.1)
	Malaysia	0.0	c	13.7	(5.9)	28.8	(8.6)	8.2	(4.4)	41.1	(8.8)	1.8	(1.4)	35.1	(8.8)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Peru	3.0	(1.3)	7.9	(1.8)	11.7	(2.1)	9.5	(2.4)	45.5	(3.9)	16.5	(3.2)	18.0	(3.0)
	Qatar	0.1	(0.1)	12.4	(0.2)	11.7	(0.2)	2.7	(0.1)	32.4	(0.3)	26.8	(0.2)	11.9	(0.2)
	Romania	5.8	(1.7)	2.1	(1.1)	9.6	(2.3)	18.6	(3.2)	37.4	(3.7)	2.6	(1.3)	22.3	(3.1)
	Russian Federation	1.6	(0.8)	2.2	(0.7)	0.3	(0.5)	2.6	(1.3)	13.2	(2.3)	4.6	(2.1)	4.1	(1.6)
	Serbia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Shanghai-China	5.4	(2.7)	1.3	(1.3)	2.9	(2.1)	3.6	(2.1)	7.4	(3.3)	4.9	(2.6)	7.4	(3.0)
	Singapore	0.3	(0.1)	0.0	c	0.0	c	0.0	c	4.1	(2.2)	0.0	c	0.3	(0.1)
	Chinese Taipei	1.1	(0.6)	0.0	c	13.9	(4.1)	13.0	(4.1)	17.4	(4.2)	9.4	(4.0)	21.0	(4.6)
	Thailand	0.3	(0.3)	1.5	(1.3)	7.4	(2.3)	1.5	(0.7)	7.4	(2.7)	4.4	(2.6)	8.7	(2.4)
	Tunisia	5.0	(2.9)	14.1	(4.7)	22.4	(6.4)	11.8	(3.7)	39.1	(5.8)	7.5	(3.8)	28.8	(6.1)
	United Arab Emirates	1.5	(0.2)	2.4	(1.3)	9.0	(3.1)	2.6	(0.3)	30.1	(4.8)	14.4	(2.9)	10.8	(3.0)
	Uruguay	0.0	c	1.4	(1.1)	1.9	(1.3)	3.0	(1.8)	30.7	(4.1)	7.5	(3.1)	4.9	(1.6)
Viet Nam	3.2	(3.2)	0.0	c	5.4	(5.4)	7.3	(6.4)	40.7	(12.3)	0.0	c	15.5	(8.3)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/3]  
**School transfer policies, by level of education**  
*Results based on school principals' reports*

Table IV.2.10

		Upper secondary education (ISCED 3)													
		Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" transferred to another school for the following reasons:													
		Low academic achievement		High academic achievement		Behavioural problems		Special learning needs		Parents' or guardians' request		Other		"low academic achievement", "behavioural problems" or "special learning needs"	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	1.0	(0.6)	1.4	(0.7)	3.4	(1.2)	1.4	(0.9)	5.0	(1.3)	1.5	(0.7)	4.4	(1.4)
	Austria	61.5	(4.0)	0.1	(0.2)	6.4	(2.0)	5.6	(2.0)	22.7	(3.7)	10.3	(2.6)	65.3	(4.2)
	Belgium	17.7	(2.5)	1.3	(0.6)	12.3	(2.1)	4.0	(1.0)	10.2	(1.9)	3.7	(1.4)	27.8	(3.0)
	Canada	0.7	(0.3)	0.1	(0.1)	2.2	(0.4)	2.2	(0.6)	5.9	(0.9)	1.6	(0.9)	4.1	(0.7)
	Chile	6.8	(2.0)	8.2	(2.2)	15.8	(2.7)	9.1	(2.4)	22.0	(3.5)	4.2	(1.6)	22.7	(3.2)
	Czech Republic	11.4	(3.2)	0.0	c	5.5	(2.5)	2.0	(2.8)	13.1	(4.2)	1.4	(1.4)	14.8	(3.3)
	Denmark	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Estonia	0.0	c	1.4	(1.4)	0.0	c	2.8	(2.9)	12.9	(4.7)	1.4	(1.0)	2.8	(2.9)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	6.0	(2.1)	0.0	c	2.6	(1.2)	7.9	(2.4)	12.6	(2.6)	4.7	(2.0)	13.8	(2.8)
	Germany	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Greece	12.2	(2.3)	6.5	(2.1)	12.2	(2.5)	8.8	(2.2)	30.7	(4.0)	15.9	(3.2)	25.8	(3.7)
	Hungary	7.4	(2.5)	1.4	(1.0)	11.1	(2.4)	3.3	(1.5)	8.8	(2.1)	3.8	(1.5)	16.4	(3.0)
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	1.8	(1.3)	0.0	c	0.8	(0.7)	1.3	(0.9)	3.5	(1.7)	1.8	(1.2)	2.4	(1.4)
	Israel	4.8	(2.0)	0.0	c	16.8	(3.2)	9.1	(2.4)	15.7	(2.9)	9.5	(2.6)	21.9	(3.6)
	Italy	13.2	(1.4)	0.0	(0.0)	3.2	(0.8)	2.8	(0.8)	23.3	(2.0)	2.5	(0.7)	17.1	(1.6)
	Japan	4.8	(1.5)	0.0	c	1.5	(0.9)	1.1	(0.8)	1.9	(1.0)	2.3	(1.1)	5.8	(1.7)
	Korea	11.6	(2.8)	2.9	(1.4)	19.8	(2.8)	1.4	(1.0)	20.9	(3.4)	7.0	(2.2)	26.7	(3.5)
	Luxembourg	9.9	(0.1)	1.5	(0.1)	7.9	(0.1)	1.3	(0.1)	10.8	(0.1)	2.4	(0.1)	16.5	(0.1)
	Mexico	6.8	(1.1)	7.9	(1.8)	11.1	(1.6)	9.7	(1.7)	29.7	(2.0)	10.7	(1.4)	19.9	(2.0)
	Netherlands	7.6	(3.4)	0.0	c	2.5	(2.2)	0.0	c	9.9	(3.8)	1.8	(1.9)	9.7	(3.9)
	New Zealand	1.3	(0.9)	1.1	(0.8)	2.4	(1.4)	2.9	(1.8)	6.7	(2.2)	1.2	(0.9)	4.2	(2.0)
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	1.8	(1.3)	0.0	c	1.9	(1.6)	0.4	(0.4)	10.1	(2.8)	3.4	(1.6)	4.1	(2.1)
	Slovak Republic	25.3	(4.2)	1.5	(2.1)	20.4	(4.9)	1.4	(1.1)	29.4	(5.3)	7.1	(3.7)	37.2	(5.4)
	Slovenia	18.8	(0.3)	2.4	(0.2)	7.5	(0.2)	0.4	(0.0)	2.9	(0.1)	3.4	(0.2)	22.9	(0.3)
	Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	1.3	(1.4)	1.3	(1.4)	1.3	(1.4)	1.3	(1.4)	8.1	(5.5)	1.4	(1.6)	1.3	(1.4)
	Switzerland	14.7	(6.5)	0.0	c	2.8	(2.0)	5.8	(4.7)	8.4	(5.7)	0.0	c	16.2	(6.7)
	Turkey	9.0	(2.3)	4.1	(2.1)	18.1	(3.3)	9.0	(2.3)	50.6	(3.8)	10.0	(2.5)	26.7	(3.6)
	United Kingdom	1.7	(0.9)	0.1	(0.1)	2.7	(1.2)	0.2	(0.1)	6.7	(1.8)	0.9	(0.7)	3.5	(1.7)
	United States	0.1	(0.1)	0.1	(0.1)	3.4	(1.5)	0.6	(0.6)	4.4	(1.7)	3.8	(1.9)	3.9	(1.6)
OECD average	9.3	(0.5)	1.5	(0.3)	7.0	(0.4)	3.4	(0.4)	13.8	(0.6)	4.2	(0.3)	15.6	(0.6)	
Partners	Albania	3.5	(2.4)	3.6	(2.2)	8.4	(3.5)	2.7	(2.0)	6.4	(2.4)	11.0	(4.5)	12.8	(4.2)
	Argentina	3.1	(1.6)	0.9	(0.8)	4.1	(1.5)	6.9	(2.5)	19.4	(3.6)	7.3	(2.5)	10.8	(2.9)
	Brazil	5.8	(1.4)	3.3	(1.1)	10.5	(1.6)	2.7	(0.8)	41.3	(2.9)	24.6	(2.7)	14.9	(2.0)
	Bulgaria	5.4	(1.8)	0.6	(0.7)	25.8	(3.5)	5.9	(1.8)	47.1	(3.7)	17.3	(3.6)	30.6	(3.7)
	Colombia	2.6	(0.8)	3.5	(1.4)	10.9	(2.0)	6.6	(1.6)	28.1	(4.2)	14.1	(2.6)	13.9	(2.3)
	Costa Rica	12.2	(3.0)	4.1	(1.1)	14.5	(3.0)	6.7	(2.4)	22.1	(3.4)	20.9	(4.9)	23.9	(3.7)
	Croatia	10.4	(2.3)	0.5	(0.5)	2.6	(1.2)	5.9	(1.9)	15.6	(2.7)	2.6	(1.4)	16.7	(2.7)
	Cyprus*	4.8	(0.1)	1.3	(0.0)	25.1	(0.1)	9.7	(0.0)	23.4	(0.1)	13.9	(0.0)	33.0	(0.1)
	Hong Kong-China	6.2	(2.1)	1.5	(1.1)	4.3	(1.8)	1.9	(1.1)	2.3	(1.2)	35.8	(15.6)	9.6	(2.6)
	Indonesia	11.3	(3.8)	0.7	(0.7)	40.7	(6.0)	17.0	(4.9)	53.5	(5.5)	28.8	(6.6)	45.5	(6.1)
	Jordan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Kazakhstan	5.9	(2.2)	5.5	(1.9)	5.1	(2.0)	3.6	(1.8)	9.9	(2.5)	4.1	(2.1)	9.6	(3.0)
	Latvia	5.3	(5.1)	0.0	c	1.4	(1.4)	10.4	(5.8)	15.0	(5.7)	16.3	(8.0)	11.8	(5.9)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	35.7	(0.1)	0.0	c	31.0	(0.1)	13.6	(0.1)	2.1	(0.0)	0.0	c	37.2	(0.1)
	Malaysia	0.6	(0.6)	13.7	(2.7)	16.7	(3.0)	11.2	(2.4)	47.2	(4.1)	4.1	(1.8)	25.6	(3.6)
	Montenegro	4.1	(0.0)	4.5	(0.0)	5.9	(0.0)	7.7	(0.1)	16.2	(0.1)	6.0	(0.1)	9.6	(0.0)
	Peru	3.0	(1.2)	9.5	(2.4)	15.6	(2.5)	9.1	(2.0)	48.2	(4.1)	23.3	(3.2)	20.1	(2.8)
	Qatar	0.9	(0.0)	1.6	(0.0)	10.9	(0.1)	2.0	(0.0)	35.6	(0.1)	14.5	(0.1)	11.4	(0.1)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	5.4	(2.8)	3.1	(1.8)	2.2	(2.0)	1.8	(0.9)	9.0	(2.0)	2.0	(0.9)	7.2	(2.9)
	Serbia	6.6	(2.2)	0.8	(0.9)	13.1	(2.7)	2.6	(1.4)	33.8	(3.9)	7.0	(2.5)	19.5	(3.2)
	Shanghai-China	4.6	(2.3)	1.1	(1.1)	2.6	(1.9)	1.5	(0.8)	3.1	(1.8)	3.3	(2.0)	7.0	(2.7)
	Singapore	1.5	(0.5)	0.6	(0.5)	0.6	(0.5)	0.6	(0.5)	5.2	(0.6)	0.6	(0.6)	1.5	(0.5)
	Chinese Taipei	15.0	(3.5)	0.0	c	25.1	(4.2)	7.2	(2.2)	3.8	(1.6)	3.5	(1.4)	32.3	(4.6)
	Thailand	2.4	(1.3)	0.8	(0.8)	11.0	(2.7)	5.3	(1.7)	7.9	(2.3)	3.7	(2.0)	15.6	(2.9)
	Tunisia	3.4	(1.9)	5.4	(2.2)	9.1	(3.2)	11.5	(3.4)	44.3	(4.9)	7.3	(2.8)	21.4	(4.6)
	United Arab Emirates	4.2	(0.8)	4.0	(0.9)	13.0	(1.9)	3.0	(0.6)	31.8	(2.7)	14.3	(2.4)	16.6	(2.0)
	Uruguay	0.0	c	0.7	(0.7)	1.6	(0.9)	1.4	(0.9)	27.5	(4.0)	4.5	(1.9)	2.9	(1.3)
Viet Nam	7.1	(2.4)	2.4	(1.4)	1.8	(1.1)	14.1	(3.2)	49.6	(4.2)	8.5	(2.5)	20.4	(3.6)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 3/3]  
**School transfer policies, by level of education**  
*Results based on school principals' reports*

Table IV.2.10

		Difference between upper and lower secondary education (ISCED 3 - ISCED 2)													
		Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" transferred to another school for the following reasons:													
		Low academic achievement		High academic achievement		Behavioural problems		Special learning needs		Parents' or guardians' request		Other		"low academic achievement", "behavioural problems" or "special learning needs"	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	Australia	0.5	(0.6)	-0.7	(0.8)	1.4	(1.1)	0.6	(0.8)	-0.6	(1.5)	0.0	(0.8)	1.9	(1.3)
	Austria	<b>30.5</b>	(8.9)	-7.6	(10.4)	-19.9	(11.4)	-9.8	(8.3)	7.6	(7.1)	-1.8	(8.7)	12.9	(12.2)
	Belgium	9.5	(5.6)	-3.2	(2.5)	-10.6	(6.0)	-11.9	(7.3)	<b>-9.0</b>	(3.8)	2.1	(1.4)	-1.7	(7.3)
	Canada	-1.1	(0.6)	-0.4	(0.4)	-1.5	(1.0)	<b>-3.7</b>	(1.6)	-0.5	(1.3)	0.3	(1.1)	<b>-4.2</b>	(1.8)
	Chile	3.6	(2.2)	-7.4	(5.6)	-5.7	(8.4)	4.4	(3.3)	0.4	(8.6)	-5.5	(5.8)	-3.2	(8.4)
	Czech Republic	<b>9.0</b>	(3.3)	<b>-1.6</b>	(0.8)	2.2	(2.9)	-3.4	(3.7)	3.0	(5.4)	-0.4	(1.8)	<b>8.4</b>	(4.1)
	Denmark	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Estonia	-1.4	(0.8)	-2.0	(1.3)	-0.8	(0.5)	-0.5	(2.8)	-6.5	(4.2)	<b>-4.2</b>	(1.8)	-0.9	(2.8)
	Finland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	France	<b>6.0</b>	(2.1)	-1.6	(1.6)	<b>-18.3</b>	(5.2)	-0.9	(3.6)	6.8	(3.6)	2.6	(2.9)	-11.0	(5.9)
	Germany	<b>-3.2</b>	(1.3)	<b>-2.1</b>	(1.0)	-1.1	(0.8)	<b>-2.8</b>	(1.1)	<b>-5.7</b>	(1.9)	0.0	c	<b>-6.6</b>	(1.7)
	Greece	<b>12.2</b>	(2.3)	4.6	(2.8)	6.2	(4.8)	-1.0	(5.8)	20.3	(10.4)	8.5	(7.8)	12.6	(7.2)
	Hungary	<b>7.4</b>	(2.5)	-8.5	(6.6)	7.0	(4.6)	2.2	(1.8)	<b>6.5</b>	(3.2)	3.0	(1.7)	<b>11.3</b>	(5.0)
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	0.0	(0.7)	0.0	c	-0.6	(0.4)	-0.6	(0.4)	0.7	(0.6)	0.3	(0.3)	-0.1	(0.7)
	Israel	1.7	(2.1)	0.0	c	<b>8.9</b>	(3.0)	4.3	(2.4)	<b>6.7</b>	(2.8)	<b>5.6</b>	(2.3)	<b>11.4</b>	(3.4)
	Italy	<b>11.1</b>	(2.6)	0.0	(0.0)	-0.9	(3.2)	<b>2.8</b>	(0.8)	<b>11.4</b>	(5.1)	-1.8	(4.7)	<b>10.9</b>	(4.4)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	<b>11.6</b>	(2.8)	<b>2.9</b>	(1.4)	3.9	(5.0)	1.4	(1.0)	-14.7	(16.3)	-3.0	(10.0)	<b>10.8</b>	(5.4)
	Luxembourg	<b>5.4</b>	(0.1)	<b>-2.3</b>	(0.1)	<b>-9.2</b>	(0.2)	<b>0.8</b>	(0.1)	0.2	(0.2)	<b>1.6</b>	(0.1)	<b>-4.7</b>	(0.2)
	Mexico	<b>3.9</b>	(1.4)	<b>4.5</b>	(2.1)	-1.8	(2.7)	0.4	(2.7)	-6.1	(4.3)	<b>-8.9</b>	(4.1)	0.8	(3.3)
	Netherlands	3.6	(3.0)	0.0	c	0.4	(2.0)	<b>-5.0</b>	(1.9)	1.3	(3.7)	1.2	(1.4)	-0.5	(4.0)
	New Zealand	-0.4	(0.5)	0.2	(0.2)	0.2	(0.6)	1.0	(0.8)	0.8	(0.5)	-0.8	(0.9)	1.0	(1.0)
	Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	0.8	(0.9)	0.0	c	-0.4	(1.1)	0.2	(0.3)	-9.1	(4.7)	1.1	(2.1)	0.6	(1.5)
	Slovak Republic	<b>23.7</b>	(4.2)	-2.1	(1.6)	<b>15.6</b>	(5.2)	-2.1	(1.8)	5.9	(6.5)	1.9	(3.5)	<b>28.9</b>	(5.8)
	Slovenia	<b>18.8</b>	(0.3)	<b>2.4</b>	(0.2)	<b>7.5</b>	(0.2)	<b>0.4</b>	(0.0)	<b>2.9</b>	(0.1)	<b>3.4</b>	(0.2)	<b>22.9</b>	(0.3)
	Spain	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Sweden	1.3	(1.4)	0.0	(1.7)	1.2	(1.4)	-2.1	(2.0)	-10.5	(5.7)	0.0	(1.8)	-2.2	(2.0)
	Switzerland	11.0	(6.4)	<b>-16.2</b>	(2.9)	-0.3	(2.0)	3.0	(4.8)	6.5	(5.8)	-1.7	(1.1)	8.0	(6.7)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United States	-3.1	(2.6)	-3.1	(2.6)	-2.0	(2.7)	-3.1	(2.6)	-2.2	(2.8)	-4.1	(4.1)	-2.0	(2.7)	
OECD average	<b>6.5</b>	(0.6)	<b>-1.8</b>	(0.7)	-0.7	(0.8)	-1.0	(0.7)	0.6	(1.1)	0.0	(0.8)	<b>4.2</b>	(1.0)	
Partners	Albania	3.5	(2.4)	1.8	(2.4)	2.9	(3.7)	0.4	(2.0)	-0.9	(3.9)	4.4	(4.3)	5.0	(4.4)
	Argentina	2.4	(1.4)	0.4	(0.8)	-4.7	(4.0)	2.5	(1.8)	-5.5	(4.1)	-0.1	(2.6)	-1.9	(4.2)
	Brazil	1.9	(1.1)	1.5	(1.0)	-0.4	(3.1)	-0.3	(1.9)	2.1	(4.0)	4.3	(3.6)	1.2	(3.0)
	Bulgaria	<b>4.7</b>	(1.7)	0.6	(0.7)	5.2	(8.6)	-4.0	(8.4)	-17.8	(12.1)	-7.6	(12.5)	0.1	(10.2)
	Colombia	-0.1	(0.7)	-0.1	(0.7)	-0.7	(1.4)	-2.0	(1.6)	-1.6	(3.0)	-0.6	(1.8)	-2.8	(1.8)
	Costa Rica	2.5	(2.4)	<b>-2.8</b>	(1.2)	1.0	(2.8)	-0.9	(2.8)	-5.5	(3.4)	-2.6	(3.5)	2.1	(3.6)
	Croatia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Cyprus*	<b>4.8</b>	(0.1)	<b>-2.4</b>	(0.8)	<b>4.3</b>	(1.1)	<b>1.6</b>	(0.7)	<b>2.4</b>	(1.1)	<b>-2.8</b>	(1.0)	<b>9.3</b>	(1.2)
	Hong Kong-China	0.4	(0.5)	0.1	(0.2)	0.6	(0.5)	0.0	(0.2)	0.0	(0.6)	11.9	(6.7)	0.7	(0.7)
	Indonesia	<b>10.7</b>	(3.8)	0.2	(0.9)	<b>22.7</b>	(8.6)	5.1	(6.5)	<b>21.1</b>	(7.4)	<b>21.2</b>	(7.3)	<b>22.1</b>	(8.7)
	Jordan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Kazakhstan	2.7	(1.9)	-3.5	(2.2)	0.8	(1.8)	-1.9	(1.9)	<b>-5.5</b>	(2.3)	-0.9	(2.3)	0.7	(2.4)
	Latvia	4.4	(4.7)	<b>-2.7</b>	(1.1)	-1.5	(1.4)	0.5	(5.4)	-7.6	(5.4)	9.8	(7.8)	0.5	(5.4)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	<b>3.3</b>	(0.2)	<b>-2.4</b>	(0.0)	<b>2.1</b>	(0.2)	<b>1.7</b>	(0.1)	0.1	(0.1)	0.0	c	<b>2.2</b>	(0.2)
	Malaysia	0.6	(0.6)	0.0	(5.1)	-12.1	(7.7)	3.0	(4.7)	6.1	(7.8)	2.3	(1.4)	-9.5	(8.0)
	Montenegro	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Peru	0.0	(0.8)	1.6	(1.8)	<b>3.9</b>	(1.8)	-0.4	(1.8)	2.7	(3.2)	6.8	(3.6)	2.1	(2.3)
	Qatar	<b>0.8</b>	(0.1)	<b>-10.7</b>	(0.2)	<b>-0.8</b>	(0.2)	<b>-0.7</b>	(0.1)	<b>3.2</b>	(0.3)	<b>-12.3</b>	(0.2)	<b>-0.6</b>	(0.2)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	3.8	(2.4)	0.8	(1.4)	1.9	(2.0)	-0.8	(0.7)	-4.2	(2.3)	-2.6	(1.6)	3.1	(2.5)
	Serbia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Shanghai-China	-0.8	(3.3)	-0.2	(1.7)	-0.3	(2.8)	-2.1	(2.0)	-4.3	(3.7)	-1.6	(3.1)	-0.3	(3.8)
	Singapore	<b>1.2</b>	(0.6)	0.6	(0.5)	0.6	(0.5)	0.6	(0.5)	1.1	(2.5)	0.6	(0.6)	<b>1.2</b>	(0.6)
	Chinese Taipei	<b>13.9</b>	(3.3)	0.0	c	<b>11.1</b>	(5.7)	-5.8	(4.6)	<b>-13.7</b>	(4.4)	-5.8	(4.1)	11.3	(6.2)
	Thailand	2.1	(1.2)	-0.7	(1.5)	3.6	(2.3)	<b>3.8</b>	(1.4)	0.4	(2.7)	-0.7	(2.7)	<b>6.9</b>	(2.4)
	Tunisia	-1.6	(3.4)	-8.7	(4.9)	-13.3	(7.1)	-0.3	(4.8)	5.3	(7.9)	-0.3	(4.6)	-7.4	(7.8)
	United Arab Emirates	<b>2.7</b>	(0.8)	1.6	(1.1)	4.0	(3.0)	0.4	(0.5)	1.6	(3.9)	-0.1	(2.6)	5.8	(3.0)
	Uruguay	0.0	c	-0.7	(0.9)	-0.3	(1.1)	-1.7	(1.5)	-3.2	(5.0)	-2.9	(2.9)	-2.0	(2.0)
Viet Nam	4.0	(4.4)	2.4	(1.4)	-3.6	(5.5)	6.7	(7.0)	8.9	(13.0)	<b>8.5</b>	(2.5)	4.9	(9.2)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]

**Ability grouping for mathematics classes**Table IV.2.11 *Results based on school principals' reports*


		Percentage of students in schools whose principal reported:																	
		Mathematics classes study similar content, but at different levels of difficulty						Different classes study different content or sets of mathematics topics that have different levels of difficulty						Students are grouped by ability within their mathematics classes					
		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	37.6	(1.8)	56.3	(1.9)	6.2	(1.1)	26.4	(1.4)	60.1	(1.7)	13.5	(1.3)	43.6	(1.7)	45.4	(1.8)	10.9	(1.1)
	Austria	13.4	(1.8)	14.7	(2.3)	71.9	(2.3)	a	a	a	a	a	a	7.3	(1.4)	29.2	(3.7)	63.5	(3.8)
	Belgium	12.0	(2.1)	56.0	(3.3)	32.0	(3.2)	14.2	(2.1)	56.6	(3.4)	29.2	(3.1)	3.8	(0.9)	18.4	(2.5)	77.8	(2.5)
	Canada	24.2	(2.5)	57.7	(2.4)	18.2	(1.8)	30.4	(2.2)	49.6	(2.5)	20.0	(1.9)	19.9	(1.9)	44.5	(2.3)	35.6	(2.4)
	Chile	37.3	(4.3)	23.7	(3.4)	39.0	(3.8)	13.4	(2.9)	15.7	(2.9)	70.8	(3.8)	2.4	(1.0)	20.2	(3.3)	77.4	(3.5)
	Czech Republic	9.5	(2.7)	18.5	(2.9)	72.1	(3.5)	3.0	(1.1)	22.8	(3.3)	74.2	(3.4)	7.8	(1.7)	31.4	(3.5)	60.8	(3.3)
	Denmark	12.8	(2.6)	52.6	(4.0)	34.6	(3.7)	6.4	(1.7)	54.7	(3.5)	38.8	(3.5)	5.0	(1.5)	34.3	(3.9)	60.7	(3.7)
	Estonia	25.9	(2.7)	62.1	(2.9)	12.0	(2.1)	6.9	(1.5)	41.3	(3.1)	51.8	(3.0)	18.1	(2.3)	31.4	(2.6)	50.5	(3.1)
	Finland	14.5	(2.4)	34.8	(3.3)	50.7	(3.2)	6.5	(1.4)	45.4	(3.5)	48.2	(3.6)	7.4	(1.8)	41.0	(3.0)	51.6	(3.1)
	France	18.8	(2.9)	30.7	(3.2)	50.5	(3.6)	11.3	(2.2)	20.4	(2.8)	68.3	(3.1)	5.7	(1.3)	24.1	(3.0)	70.2	(3.3)
	Germany	32.8	(2.8)	28.9	(3.4)	38.4	(3.3)	11.1	(2.3)	26.6	(3.3)	62.4	(3.6)	19.6	(2.4)	31.5	(3.4)	48.9	(3.5)
	Greece	6.6	(1.7)	11.3	(3.0)	82.1	(3.1)	0.6	(0.6)	1.5	(0.9)	97.9	(1.1)	1.4	(0.8)	1.8	(1.1)	96.8	(1.3)
	Hungary	44.7	(3.8)	28.7	(3.6)	26.6	(3.5)	6.5	(1.9)	28.7	(4.1)	64.8	(4.1)	10.8	(2.6)	33.3	(3.4)	55.8	(3.9)
	Iceland	21.4	(0.2)	34.5	(0.3)	44.1	(0.2)	37.8	(0.3)	43.6	(0.3)	18.6	(0.2)	18.3	(0.2)	64.1	(0.2)	17.6	(0.2)
	Ireland	50.4	(4.0)	47.2	(4.0)	2.4	(1.3)	23.6	(3.5)	51.7	(3.9)	24.7	(3.4)	53.8	(3.9)	36.3	(3.9)	9.9	(2.5)
	Israel	32.4	(3.0)	50.2	(3.5)	17.4	(3.3)	39.4	(4.0)	49.6	(3.8)	10.9	(2.5)	72.1	(3.6)	22.3	(3.5)	5.7	(1.9)
	Italy	23.4	(1.9)	46.1	(2.3)	30.4	(1.9)	9.0	(1.4)	50.6	(2.3)	40.4	(2.1)	2.6	(0.6)	29.1	(1.9)	68.3	(2.0)
	Japan	17.5	(2.8)	43.3	(3.6)	39.2	(3.7)	3.1	(1.3)	27.8	(3.3)	69.1	(3.1)	16.6	(2.6)	29.5	(3.5)	53.9	(3.5)
	Korea	38.1	(4.0)	50.7	(3.9)	11.2	(2.5)	12.4	(2.8)	51.2	(4.0)	36.4	(4.1)	10.9	(2.7)	61.6	(4.0)	27.5	(3.7)
	Luxembourg	17.2	(0.1)	44.2	(0.1)	38.6	(0.1)	13.4	(0.1)	40.8	(0.1)	45.8	(0.1)	1.2	(0.0)	33.6	(0.1)	65.2	(0.1)
	Mexico	35.2	(1.7)	34.6	(1.8)	30.2	(1.7)	24.3	(1.8)	28.3	(2.4)	47.4	(2.0)	18.9	(1.8)	40.5	(1.9)	40.5	(2.0)
	Netherlands	35.4	(5.1)	47.2	(4.9)	17.4	(2.9)	31.5	(3.8)	48.4	(3.9)	20.1	(3.0)	10.7	(2.8)	50.9	(4.6)	38.4	(4.0)
	New Zealand	24.7	(4.0)	71.4	(4.1)	3.9	(1.4)	22.7	(2.9)	73.8	(3.0)	3.5	(1.3)	34.8	(4.3)	57.3	(4.4)	8.0	(2.2)
	Norway	17.6	(2.7)	18.1	(3.0)	64.3	(3.8)	8.3	(2.1)	16.1	(2.7)	75.5	(3.4)	7.9	(2.1)	19.8	(2.8)	72.3	(3.4)
	Poland	38.1	(4.4)	16.2	(3.2)	45.7	(4.2)	2.2	(1.1)	17.4	(3.4)	80.5	(3.5)	3.2	(1.4)	13.9	(3.2)	83.0	(3.3)
	Portugal	21.1	(3.7)	37.2	(3.8)	41.7	(4.0)	5.1	(1.9)	30.0	(3.6)	64.9	(4.0)	0.3	(0.3)	27.2	(3.5)	72.4	(3.5)
	Slovak Republic	29.8	(3.0)	36.3	(3.4)	33.8	(3.2)	6.6	(1.2)	29.3	(3.5)	64.1	(3.8)	7.9	(1.7)	24.8	(3.6)	67.3	(3.6)
	Slovenia	5.8	(1.0)	39.5	(0.7)	54.6	(0.8)	2.8	(0.1)	31.7	(0.8)	65.5	(0.8)	3.6	(0.2)	50.4	(0.7)	46.0	(0.7)
	Spain	39.4	(2.7)	46.4	(3.2)	14.2	(2.1)	17.7	(2.5)	46.2	(3.2)	36.1	(2.9)	7.3	(1.4)	20.0	(2.3)	72.7	(2.5)
	Sweden	53.2	(3.2)	27.8	(3.4)	19.0	(2.9)	10.5	(2.4)	34.5	(3.5)	54.9	(3.6)	9.2	(2.0)	36.0	(3.3)	54.7	(3.5)
	Switzerland	35.0	(2.8)	38.9	(3.5)	26.1	(3.0)	15.4	(2.3)	46.5	(3.4)	38.1	(3.1)	19.2	(2.7)	33.6	(2.6)	47.2	(3.4)
	Turkey	29.0	(3.9)	44.7	(4.1)	26.3	(3.2)	11.8	(2.6)	33.1	(3.7)	55.1	(4.1)	4.0	(1.5)	11.7	(2.5)	84.3	(3.1)
	United Kingdom	49.3	(3.7)	47.9	(3.8)	2.8	(1.0)	28.6	(3.2)	52.6	(3.6)	18.8	(3.0)	76.9	(2.6)	17.1	(2.4)	6.1	(1.5)
	United States	21.3	(3.6)	66.4	(4.7)	12.3	(3.5)	18.6	(2.7)	66.4	(4.0)	15.0	(3.6)	12.9	(2.7)	66.1	(4.3)	21.0	(4.1)
OECD average	27.2	(0.5)	40.1	(0.6)	32.6	(0.5)	14.6	(0.4)	39.2	(0.5)	46.2	(0.5)	16.0	(0.4)	33.3	(0.5)	50.7	(0.5)	
Partners	Albania	33.5	(4.2)	66.0	(4.2)	0.5	(0.4)	19.1	(2.8)	66.9	(3.6)	14.0	(2.9)	30.9	(4.0)	38.4	(4.2)	30.7	(3.8)
	Argentina	34.6	(3.4)	49.5	(4.0)	15.9	(3.2)	18.1	(2.9)	38.7	(4.4)	43.1	(3.7)	5.1	(2.1)	19.4	(2.9)	75.4	(3.5)
	Brazil	48.3	(2.6)	30.0	(2.3)	21.7	(2.4)	22.0	(2.5)	24.8	(2.4)	53.2	(3.0)	4.9	(1.2)	13.4	(2.0)	81.7	(2.1)
	Bulgaria	15.2	(2.9)	71.4	(3.7)	13.4	(2.6)	20.7	(3.2)	57.6	(4.3)	21.7	(3.9)	4.4	(1.6)	69.0	(3.7)	26.6	(3.4)
	Colombia	32.7	(3.7)	58.9	(4.0)	8.4	(2.1)	18.4	(3.0)	66.7	(3.8)	14.9	(2.4)	9.4	(2.3)	48.2	(3.7)	42.4	(3.8)
	Costa Rica	20.7	(3.4)	32.8	(3.6)	46.5	(4.1)	15.2	(2.9)	24.3	(3.3)	60.5	(3.7)	12.0	(2.3)	43.4	(4.1)	44.6	(4.0)
	Croatia	42.5	(4.2)	45.5	(4.0)	12.0	(2.8)	21.2	(2.8)	55.1	(3.8)	23.8	(3.3)	1.4	(1.0)	44.3	(4.1)	54.3	(4.1)
	Cyprus*	34.0	(0.1)	14.4	(0.1)	51.7	(0.1)	6.4	(0.0)	9.2	(0.1)	84.3	(0.1)	8.3	(0.0)	15.7	(0.1)	75.9	(0.1)
	Hong Kong-China	28.5	(3.9)	61.2	(4.4)	10.3	(2.4)	16.3	(3.0)	58.0	(4.0)	25.7	(3.9)	5.4	(1.7)	37.5	(4.1)	57.1	(4.3)
	Indonesia	45.0	(3.6)	24.8	(3.6)	30.2	(3.6)	23.5	(3.6)	36.3	(3.8)	40.2	(3.5)	13.1	(2.5)	14.7	(2.7)	72.2	(3.3)
	Jordan	49.9	(3.8)	30.5	(3.1)	19.5	(3.2)	15.3	(2.4)	41.0	(3.6)	43.7	(3.8)	11.7	(2.5)	13.5	(3.0)	74.8	(3.6)
	Kazakhstan	51.3	(3.8)	43.9	(3.8)	4.8	(1.6)	22.8	(3.8)	50.0	(4.1)	27.2	(3.5)	34.3	(4.0)	42.4	(4.1)	23.3	(3.3)
	Latvia	31.8	(3.3)	49.6	(3.8)	18.7	(3.1)	9.7	(2.3)	41.9	(4.1)	48.4	(3.6)	6.2	(2.0)	59.4	(3.4)	34.3	(3.3)
	Liechtenstein	39.0	(1.2)	20.8	(1.3)	40.1	(0.7)	10.6	(0.6)	19.4	(1.3)	70.1	(1.2)	50.5	(0.8)	14.5	(0.9)	35.1	(0.9)
	Lithuania	58.3	(3.4)	24.2	(3.1)	17.5	(2.8)	8.9	(2.0)	23.2	(3.1)	67.9	(3.6)	36.9	(3.7)	28.1	(3.6)	35.0	(3.3)
	Macao-China	10.8	(0.0)	55.3	(0.0)	33.9	(0.0)	11.6	(0.0)	50.1	(0.1)	38.3	(0.1)	1.1	(0.0)	36.7	(0.1)	62.2	(0.1)
	Malaysia	38.6	(3.9)	56.9	(3.8)	4.5	(1.6)	13.0	(2.2)	53.8	(3.6)	33.2	(3.5)	14.8	(2.6)	32.2	(3.3)	53.0	(3.7)
	Montenegro	19.4	(0.1)	70.5	(0.1)	10.1	(0.1)	14.2	(0.1)	75.1	(0.2)	10.7	(0.2)	0.6	(0.0)	7.7	(0.1)	91.7	(0.1)
	Peru	31.2	(3.0)	53.8	(3.4)	14.9	(2.4)	26.5	(3.4)	34.3	(3.3)	39.2	(3.5)	8.1	(1.9)	47.0	(3.3)	44.8	(3.3)
	Qatar	56.9	(0.1)	31.3	(0.1)	11.8	(0.0)	29.4	(0.1)	37.8	(0.1)	32.8	(0.1)	13.4	(0.1)	28.3	(0.1)	58.3	(0.1)
	Romania	35.9	(3.6)	45.6	(3.9)	18.5	(3.0)	26.3	(3.1)	57.4	(3.5)	16.2	(2.6)	25.1	(3.5)	40.2	(3.9)	34.7	(3.8)
	Russian Federation	48.4	(3.6)	46.4	(3.6)	5.2	(1.5)	14.5	(2.0)	21.3	(2.5)	64.2	(3.0)	5.2	(1.9)	79.2	(3.0)	15.5	(2.3)
	Serbia	38.5	(3.5)	51.3	(3.8)	10.1	(2.8)	22.4	(3.3)	54.5	(4.1)	23.1	(3.7)	6.3	(2.4)	33.7	(4.4)	60.0	(4.2)
	Shanghai-China	36.3	(4.2)	55.8	(4.1)	7.9	(2.2)	13.0	(2.6)	51.1	(3.6)	35.9	(3.7)	16.2	(3.2)	52.6	(4.4)	31.2	(3.9)
	Singapore	27.8	(0.2)	66.3	(0.6)	5.8	(0.6)	6.7	(0.6)	54.9	(0.6)	38.4	(0.3)	11.8	(0.5)	73.5	(0.5)	14.7	(0.1)
	Chinese Taipei	22.6	(3.5)	57.2	(3.9)	20.1	(2.7)	10.0	(2.4)	52.5	(4.0)	37.5	(3.9)	4.5	(1.6)	26.6	(3.9)	69.0	(4.1)
	Thailand	5.4	(1.9)	68.3	(3.3)	26.4	(3.3)	0.0	c	57.1	(3.4)	42.9	(3.4)	0.7	(0.7)	50.3	(3.8)	49.0	(3.8)
	Tunisia	40.6	(4.2)	36.0	(4.1)	23.5	(3.3)	28.9	(4.0)	32.6	(4.3)	38.6	(4.3)	4.8	(1.8)	11.0	(2.4)	84.2	(3.0)
	United Arab Emirates	57.1	(2.7)	25.1	(2.1)	17.8	(2.2)	31.6	(2.6)	22.8	(2.1)	45.7	(2.6)	42.2	(1.9)	37.6	(2.3)	20.2	(1.8)



[Part 2/2]  
**Ability grouping for mathematics classes**  
*Results based on school principals' reports*

Table IV.2.11

		Percentage of students in schools whose principal reported:											
		In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)						No ability grouping for any class		One form of grouping for some classes		One form of grouping for all classes	
		For all classes		For some classes		Not for any classes							
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	21.3	(1.3)	50.2	(1.5)	28.5	(1.7)	1.6	(0.5)	48.6	(1.7)	49.8	(1.6)
	Austria	31.4	(3.9)	51.8	(4.4)	16.9	(2.9)	71.9	(2.3)	14.7	(2.3)	13.4	(1.8)
	Belgium	55.8	(3.3)	27.7	(2.8)	16.4	(2.2)	20.6	(2.9)	57.0	(3.1)	22.4	(2.7)
	Canada	35.4	(2.8)	47.7	(2.7)	16.9	(2.0)	7.1	(1.2)	49.2	(2.5)	43.8	(2.7)
	Chile	48.9	(3.8)	24.2	(3.7)	26.8	(3.5)	35.7	(3.8)	24.5	(3.6)	39.8	(4.2)
	Czech Republic	49.8	(3.7)	37.4	(3.6)	12.8	(2.0)	58.8	(4.2)	30.6	(3.7)	10.6	(2.7)
	Denmark	42.4	(3.6)	52.1	(3.7)	5.5	(1.7)	24.1	(3.2)	58.0	(3.8)	17.9	(2.8)
	Estonia	47.6	(2.9)	44.8	(2.8)	7.6	(1.1)	10.9	(2.1)	61.1	(2.9)	28.0	(2.6)
	Finland	51.7	(2.9)	37.2	(3.2)	11.1	(2.3)	35.5	(3.5)	46.4	(3.8)	18.0	(2.5)
	France	67.6	(3.1)	22.6	(2.8)	9.7	(2.0)	43.8	(3.5)	31.4	(3.2)	24.8	(3.3)
	Germany	40.9	(3.5)	33.4	(3.2)	25.7	(3.1)	31.9	(3.1)	32.9	(3.4)	35.3	(3.0)
	Greece	63.7	(4.1)	18.8	(3.4)	17.5	(3.0)	81.4	(3.2)	11.3	(3.2)	7.3	(1.8)
	Hungary	55.9	(4.0)	33.8	(3.7)	10.3	(2.4)	23.3	(2.9)	31.2	(3.8)	45.5	(3.8)
	Iceland	67.9	(0.2)	29.1	(0.2)	2.9	(0.1)	12.9	(0.1)	40.8	(0.2)	46.3	(0.3)
	Ireland	18.7	(3.0)	41.6	(3.8)	39.7	(4.1)	0.8	(0.7)	40.2	(4.0)	59.0	(4.0)
	Israel	17.0	(3.0)	32.8	(3.9)	50.2	(4.1)	1.7	(1.0)	41.4	(3.8)	56.9	(3.9)
	Italy	44.9	(2.2)	41.2	(2.1)	13.9	(1.6)	24.1	(1.7)	48.7	(1.9)	27.3	(1.9)
	Japan	42.1	(3.7)	40.9	(3.7)	17.0	(2.6)	36.9	(3.7)	44.6	(3.6)	18.6	(2.9)
	Korea	17.2	(3.1)	51.0	(4.0)	31.8	(3.6)	9.9	(2.3)	48.6	(3.8)	41.5	(3.9)
	Luxembourg	44.4	(0.1)	39.3	(0.1)	16.3	(0.1)	32.1	(0.1)	41.4	(0.1)	26.5	(0.1)
	Mexico	30.6	(1.9)	37.4	(1.9)	32.0	(1.8)	26.3	(1.6)	32.2	(1.9)	41.5	(1.9)
	Netherlands	38.9	(4.2)	34.9	(3.7)	26.2	(4.2)	6.4	(1.7)	39.0	(4.6)	54.6	(4.9)
	New Zealand	22.8	(3.4)	58.4	(3.6)	18.8	(3.1)	1.3	(0.9)	60.5	(3.7)	38.2	(3.6)
	Norway	81.0	(2.8)	12.6	(2.3)	6.4	(1.9)	54.2	(4.0)	23.2	(3.3)	22.6	(3.1)
	Poland	63.2	(4.4)	13.1	(2.9)	23.7	(3.7)	42.4	(4.1)	19.3	(3.5)	38.3	(4.3)
	Portugal	60.9	(4.0)	32.3	(3.8)	6.7	(2.7)	38.3	(4.1)	38.1	(3.7)	23.6	(3.5)
	Slovak Republic	55.9	(4.1)	25.7	(3.2)	18.3	(3.4)	28.4	(3.3)	39.1	(3.3)	32.5	(2.9)
	Slovenia	27.3	(0.7)	64.3	(0.7)	8.4	(0.4)	50.5	(0.7)	42.1	(0.7)	7.4	(0.9)
	Spain	59.2	(2.6)	26.0	(2.2)	14.8	(2.0)	7.6	(1.6)	43.8	(2.8)	48.6	(2.9)
	Sweden	55.9	(4.0)	33.8	(3.3)	10.3	(2.3)	15.7	(2.8)	27.8	(3.3)	56.5	(3.3)
	Switzerland	36.7	(3.2)	30.6	(3.2)	32.7	(2.8)	15.0	(2.3)	40.9	(3.4)	44.0	(3.0)
	Turkey	43.0	(3.6)	21.7	(3.4)	35.3	(4.0)	24.2	(3.1)	42.1	(3.9)	33.7	(3.7)
	United Kingdom	5.4	(1.4)	14.0	(2.0)	80.6	(2.2)	0.7	(0.5)	37.1	(3.4)	62.2	(3.5)
	United States	33.6	(4.2)	56.0	(4.4)	10.4	(2.9)	6.1	(2.6)	62.9	(4.2)	31.0	(3.8)
OECD average	43.5	(0.6)	35.8	(0.5)	20.7	(0.5)	25.9	(0.5)	39.7	(0.6)	34.3	(0.5)	
Partners	Albania	50.1	(3.9)	39.2	(3.7)	10.7	(2.8)	0.1	(0.1)	51.8	(4.4)	48.2	(4.4)
	Argentina	43.3	(3.5)	37.4	(4.1)	19.2	(3.3)	14.5	(3.0)	47.5	(4.1)	38.0	(3.6)
	Brazil	37.5	(2.6)	20.4	(2.4)	42.1	(2.5)	18.4	(2.2)	28.1	(2.2)	53.5	(2.6)
	Bulgaria	41.2	(3.8)	55.9	(3.8)	2.9	(1.3)	6.9	(2.1)	62.6	(4.1)	30.5	(3.6)
	Colombia	38.9	(3.9)	42.2	(3.8)	18.9	(3.4)	6.4	(1.9)	52.6	(3.9)	41.0	(3.8)
	Costa Rica	40.6	(3.8)	31.4	(3.8)	27.9	(4.1)	39.6	(4.2)	34.8	(3.8)	25.6	(3.8)
	Croatia	39.3	(3.6)	47.2	(3.8)	13.4	(2.8)	8.0	(2.4)	37.8	(3.9)	54.2	(4.2)
	Cyprus*	61.1	(0.1)	32.1	(0.1)	6.8	(0.0)	49.1	(0.1)	15.9	(0.1)	35.0	(0.1)
	Hong Kong-China	41.0	(4.4)	50.0	(4.4)	9.0	(2.4)	9.0	(2.2)	60.1	(4.3)	31.0	(4.0)
	Indonesia	52.6	(3.8)	22.2	(3.2)	25.2	(3.4)	24.6	(3.2)	27.7	(3.6)	47.6	(3.8)
	Jordan	61.6	(3.0)	22.4	(3.0)	16.0	(2.7)	18.3	(3.2)	28.7	(2.9)	53.0	(3.7)
	Kazakhstan	30.4	(3.9)	44.6	(4.4)	25.0	(3.4)	2.4	(1.2)	37.9	(4.0)	59.6	(4.1)
	Latvia	41.7	(3.7)	53.0	(3.8)	5.2	(1.8)	17.8	(3.0)	46.1	(3.9)	36.1	(3.3)
	Liechtenstein	43.3	(0.6)	32.1	(0.9)	24.5	(0.6)	40.1	(0.7)	13.2	(1.2)	46.7	(1.2)
	Lithuania	48.7	(3.4)	25.3	(3.4)	26.0	(2.8)	15.9	(2.8)	24.7	(3.0)	59.4	(3.4)
	Macao-China	49.2	(0.1)	29.4	(0.0)	21.4	(0.0)	33.9	(0.0)	52.9	(0.0)	13.3	(0.0)
	Malaysia	41.6	(3.9)	49.2	(3.9)	9.2	(2.5)	4.1	(1.6)	56.0	(3.7)	39.9	(3.8)
	Montenegro	38.9	(0.1)	54.6	(0.2)	6.5	(0.1)	6.9	(0.1)	66.4	(0.1)	26.7	(0.1)
	Peru	34.9	(3.6)	36.4	(3.4)	28.7	(3.5)	13.2	(2.4)	45.3	(3.8)	41.5	(3.5)
	Qatar	50.8	(0.1)	31.6	(0.1)	17.5	(0.1)	8.4	(0.0)	30.0	(0.1)	61.5	(0.1)
	Romania	33.1	(3.7)	52.3	(3.8)	14.6	(2.5)	9.7	(2.2)	44.3	(3.6)	45.9	(3.5)
	Russian Federation	35.4	(3.9)	60.5	(3.9)	4.1	(1.3)	4.0	(1.2)	39.2	(3.1)	56.8	(3.3)
	Serbia	41.1	(4.8)	36.8	(4.3)	22.1	(3.6)	5.2	(2.1)	47.9	(4.1)	46.9	(3.9)
	Shanghai-China	49.2	(3.8)	43.1	(3.8)	7.7	(2.0)	5.9	(1.9)	54.8	(4.1)	39.3	(4.3)
	Singapore	32.5	(0.5)	63.5	(0.7)	4.0	(0.5)	2.8	(0.0)	66.6	(0.6)	30.5	(0.6)
	Chinese Taipei	27.7	(3.6)	56.1	(4.2)	16.2	(3.0)	19.5	(2.6)	57.2	(3.9)	23.3	(3.5)
	Thailand	21.1	(2.5)	74.4	(3.0)	4.4	(1.7)	23.7	(2.8)	71.0	(3.1)	5.4	(1.9)
	Tunisia	51.7	(4.0)	18.5	(3.0)	29.8	(4.0)	17.7	(2.9)	32.1	(3.8)	50.2	(4.1)
United Arab Emirates	62.1	(2.4)	28.4	(2.5)	9.5	(1.3)	13.8	(2.2)	21.9	(1.8)	64.2	(2.7)	
Uruguay	40.0	(3.9)	38.5	(3.5)	21.5	(3.3)	8.9	(2.2)	58.6	(3.8)	32.5	(3.5)	
Viet Nam	46.5	(4.3)	41.5	(4.4)	12.0	(2.7)	6.9	(2.0)	51.6	(4.2)	41.5	(4.0)	

\* See notes at the beginning of this Annex.  
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[Part 1/2]

## Correlation between stratification and students' motivation

Table IV.2.14 System-level correlation

		OECD countries							
		Index of vertical stratification							
		Index of vertical stratification		= Variability in students' grade levels		+ Variability in students' primary school starting age		+ Grade repetition	
		Corr.	p-value	(a)		(b)		(c)	
		Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value
Index of instrumental motivation for mathematics	Mean index	0.06	(0.76)	-0.06	(0.72)	<b>0.39</b>	(0.02)	-0.20	(0.26)
	Variation in the index (standard deviation)	0.11	(0.52)	-0.07	(0.70)	0.05	(0.79)	0.29	(0.10) <sup>1</sup>
	10th percentile of the index	0.02	(0.93)	0.02	(0.90)	0.28	(0.11)	-0.27	(0.13)
	90th percentile of the index	0.12	(0.49)	-0.08	(0.65)	<b>0.43</b>	(0.01)	-0.06	(0.74)
Adjusted index of instrumental motivation for mathematics <sup>2</sup>	Mean index	0.05	(0.80)	-0.12	(0.49)	<b>0.40</b>	(0.02)	-0.17	(0.34)
	Variation in the index (standard deviation)	-0.04	(0.82)	-0.10	(0.58)	-0.06	(0.75)	0.06	(0.73)
	10th percentile of the index	0.02	(0.90)	-0.12	(0.48)	<b>0.38</b>	(0.03)	-0.20	(0.26)
	90th percentile of the index	-0.02	(0.93)	-0.11	(0.53)	0.07	(0.70)	0.01	(0.97)
		All participating countries and economies							
		Index of vertical stratification							
		Index of vertical stratification		= Variability in students' grade levels		+ Variability in students' primary school starting age		+ Grade repetition	
		Corr.	p-value	(a)		(b)		(c)	
		Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value
Index of instrumental motivation for mathematics	Mean index	<b>0.27</b>	(0.03)	0.19	(0.14)	<b>0.38</b>	(0.00)	0.05	(0.71)
	Variation in the index (standard deviation)	-0.05	(0.72)	-0.13	(0.31)	-0.08	(0.51)	0.11	(0.38)
	10th percentile of the index	0.21	(0.09)	0.18	(0.14)	<b>0.33</b>	(0.01)	-0.04	(0.76)
	90th percentile of the index	0.24	(0.05)	0.13	(0.30)	<b>0.33</b>	(0.01)	0.09	(0.49)
Adjusted index of instrumental motivation for mathematics <sup>2</sup>	Mean index	0.24	(0.05)	0.14	(0.27)	<b>0.34</b>	(0.01)	0.07	(0.57)
	Variation in the index (standard deviation)	0.04	(0.76)	-0.03	(0.80)	0.03	(0.84)	0.10	(0.43)
	10th percentile of the index	0.23	(0.06)	0.16	(0.22)	<b>0.32</b>	(0.01)	0.05	(0.71)
	90th percentile of the index	0.20	(0.11)	0.14	(0.27)	0.16	(0.21)	0.19	(0.14)

Notes: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, the cell is shaded in grey.

(a) Standard deviation of students' grade levels (Table IV.2.4).

(b) Standard deviation of students' primary school starting age (Table IV.2.1).

(c) Percentage of students who have repeated a grade at least once in primary, lower secondary or upper secondary school (Table IV.2.2).

(d) Number of school types or distinct education programmes available to 15-year-old students (Table IV.2.5).

(e) Percentage of students who are enrolled in a programme whose curriculum is pre-vocational or vocational (Table IV.2.6).

(f) First age of selection in the education system (Table IV.2.5) is subtracted from 15. The negative values are set to 0.


(g) Percentage of students in schools whose principals reported both "students' records of academic performance" and "recommendations of feeder schools" are always considered for admission (Table IV.2.7).

(h) Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" be transferred to another school because of "low academic achievement", "behavioural problems" or "special learning needs" (Table IV.2.9).

(i) Percentage of students in schools whose principals reported one form of ability grouping for all mathematics classes (Table IV.2.11)

1. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, a 1 appears in the cell.

2. See Annex A6 for more details on the adjustment.

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[Part 2/2]

**Correlation between stratification and students' motivation**Table IV.2.14 *System-level correlation*

		OECD countries													
		Index of horizontal stratification (between schools)						Index of horizontal stratification (within schools)							
		Index of horizontal stratification (between schools)	=	Number of educational tracks	+	Prevalence of vocational and pre-vocational programmes	+	Early selection	+	Academic selectivity	+	School transfer rates	Ability grouping for all mathematics classes		
		Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value		
		(d)	(e)	(f)	(g)	(h)	(i)								
Index of instrumental motivation for mathematics	Mean index	<b>-0.65</b>	(0.00)	<b>-0.59</b>	(0.00)	<b>-0.54</b>	(0.00)	<b>-0.56</b>	(0.00)	<b>-0.45</b>	(0.01)	<b>-0.43</b>	(0.01)	<b>0.40</b>	(0.02)
	Variation in the index (standard deviation)	0.13	(0.45)	-0.02	(0.93)	0.09	(0.62)	0.05	(0.80)	0.13	(0.46)	0.28	(0.11)	-0.09	(0.60)
	10th percentile of the index	<b>-0.56</b>	(0.00)	<b>-0.45</b>	(0.01)	<b>-0.43</b>	(0.01)	<b>-0.41</b>	(0.02)	<b>-0.51</b>	(0.00)	<b>-0.41</b>	(0.02)	0.29	(0.10)
	90th percentile of the index	<b>-0.62</b>	(0.00)	<b>-0.61</b>	(0.00)	<b>-0.45</b>	(0.01)	<b>-0.54</b>	(0.00)	<b>-0.49</b>	(0.00)	-0.33	(0.05)	0.24	(0.17)
Adjusted index of instrumental motivation for mathematics <sup>2</sup>	Mean index	<b>-0.66</b>	(0.00)	<b>-0.57</b>	(0.00)	<b>-0.60</b>	(0.00)	<b>-0.57</b>	(0.00)	<b>-0.32</b>	(0.06)	<b>-0.53</b>	(0.00)	<b>0.47</b>	(0.01)
	Variation in the index (standard deviation)	0.23	(0.18)	0.12	(0.49)	0.20	(0.27)	0.29	(0.09)	-0.03	(0.88)	<b>0.34</b>	(0.05)	-0.18	(0.31)
	10th percentile of the index	<b>-0.57</b>	(0.00)	<b>-0.51</b>	(0.00)	<b>-0.51</b>	(0.00)	<b>-0.55</b>	(0.00)	-0.22	(0.21)	<b>-0.47</b>	(0.00)	<b>0.43</b>	(0.01)
	90th percentile of the index	<b>-0.50</b>	(0.00)	-0.16	(0.38)	<b>-0.53</b>	(0.00)	<b>-0.39</b>	(0.02)	-0.19	(0.28)	<b>-0.71</b>	(0.00)	0.24	(0.17)
		All participating countries and economies													
		Index of horizontal stratification (between schools)						Index of horizontal stratification (within schools)							
		Index of horizontal stratification (between schools)	=	Number of educational tracks	+	Prevalence of vocational and pre-vocational programmes	+	Early selection	+	Academic selectivity	+	School transfer rates	Ability grouping for all mathematics classes		
		Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value	Corr.	p-value		
		(d)	(e)	(f)	(g)	(h)	(i)								
Index of instrumental motivation for mathematics	Mean index	<b>-0.44</b>	(0.00)	<b>-0.25</b>	(0.05)	<b>-0.45</b>	(0.00)	<b>-0.41</b>	(0.00)	<b>-0.23</b>	(0.07) <sup>1</sup>	<b>-0.17</b>	(0.17)	<b>0.37</b>	(0.00)
	Variation in the index (standard deviation)	0.03	(0.78)	0.03	(0.81)	0.07	(0.56)	0.13	(0.30)	-0.17	(0.18)	0.07	(0.59)	0.02	(0.88)
	10th percentile of the index	<b>-0.34</b>	(0.01)	<b>-0.22</b>	(0.09)	<b>-0.35</b>	(0.00)	<b>-0.36</b>	(0.00)	-0.14	(0.28)	-0.14	(0.27)	0.22	(0.07)
	90th percentile of the index	<b>-0.48</b>	(0.00)	<b>-0.28</b>	(0.03)	<b>-0.44</b>	(0.00)	<b>-0.38</b>	(0.00)	<b>-0.34</b>	(0.01)	-0.19	(0.13)	<b>0.28</b>	(0.03)
Adjusted index of instrumental motivation for mathematics <sup>2</sup>	Mean index	<b>-0.49</b>	(0.00)	<b>-0.24</b>	(0.06)	<b>-0.48</b>	(0.00)	<b>-0.35</b>	(0.00)	<b>-0.19</b>	(0.13)	<b>-0.40</b>	(0.00)	<b>0.27</b>	(0.03)
	Variation in the index (standard deviation)	0.15	(0.24)	0.09	(0.47)	0.19	(0.12)	0.15	(0.23)	-0.21	(0.09) <sup>1</sup>	0.20	(0.12)	0.08	(0.51)
	10th percentile of the index	<b>-0.47</b>	(0.00)	<b>-0.30</b>	(0.02)	<b>-0.53</b>	(0.00)	<b>-0.37</b>	(0.00)	-0.04	(0.73)	<b>-0.32</b>	(0.01)	0.20	(0.11)
	90th percentile of the index	-0.10	(0.42)	0.11	(0.41)	-0.11	(0.40)	-0.12	(0.33)	-0.05	(0.70)	-0.22	(0.07) <sup>1</sup>	0.01	(0.92)

Notes: Values that are statistically significant at the 10% level ( $p < 0.10$ ) are indicated in italics and those at the 5% level ( $p < 0.05$ ) are in bold. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, the cell is shaded in grey.

(a) Standard deviation of students' grade levels (Table IV.2.4).

(b) Standard deviation of students' primary school starting age (Table IV.2.1).

(c) Percentage of students who have repeated a grade at least once in primary, lower secondary or upper secondary school (Table IV.2.2).

(d) Number of school types or distinct education programmes available to 15-year-old students (Table IV.2.5).

(e) Percentage of students who are enrolled in a programme whose curriculum is pre-vocational or vocational (Table IV.2.6).

(f) First age of selection in the education system (Table IV.2.5) is subtracted from 15. The negative values are set to 0.


(g) Percentage of students in schools whose principals reported both "students' records of academic performance" and "recommendations of feeder schools" are always considered for admission (Table IV.2.7).

(h) Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" be transferred to another school because of "low academic achievement", "behavioural problems" or "special learning needs" (Table IV.2.9).

(i) Percentage of students in schools whose principals reported one form of ability grouping for all mathematics classes (Table IV.2.11)

1. While Pearson's correlation coefficients are presented in this table, Spearman's rank correlation coefficients are also computed in order to examine the robustness of the results. When Pearson's correlation coefficient is significant at least at the 10% level but Spearman's rank correlation coefficient is not significant at the 10% level, a 1 appears in the cell.

2. See Annex A6 for more details on the adjustment.

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[Part 1/1]

**Stratification, variation in socio-economic status and performance, and students' motivation**Table IV.2.16 *Results based on school principals' and students' reports and system-level data collection*

	Differentiation			Socio-economic profiles (ESCS) <sup>1</sup>		Academic profiles			Students' instrumental motivation			
	Vertical stratification	Horizontal stratification (between schools)	Horizontal stratification (within schools)	Variation in student socio-economic status	Socio-economic inclusion index (1-rho)	Mean mathematics performance	Variation in mathematics performance	Academic inclusion index (1-rho)	Index of instrumental motivation for mathematics		Adjusted index of instrumental motivation for mathematics	
				S.D.	Ratio				Mean index	S.E.	Mean index	S.E.
<b>OECD</b>	0.09	-0.51	1.01	0.79	76.5	504.15	96.29	72.1	0.24	(0.01)	0.27	(0.01)
Australia	0.07	2.23	-1.37	0.85	71.2	505.54	92.48	51.6	-0.41	(0.03)	-0.22	(0.03)
Austria	1.00	0.82	-0.78	0.91	72.4	514.75	102.29	49.5	-0.37	(0.02)	-0.22	(0.02)
Belgium	0.38	-0.64	0.62	0.86	82.8	518.07	88.86	80.2	0.25	(0.01)	0.27	(0.02)
Canada	0.78	-0.33	0.36	1.13	47.2	422.63	80.75	56.6	0.32	(0.02)	0.15	(0.02)
Chile	-0.13	1.00	-1.55	0.75	76.4	498.96	94.94	48.5	-0.17	(0.02)	-0.15	(0.03)
Czech Republic	-0.22	-0.87	-1.07	0.84	82.3	500.03	82.10	83.5	0.23	(0.02)	0.21	(0.02)
Denmark	-0.54	-0.66	-0.42	0.81	81.5	520.55	80.90	82.7	0.02	(0.02)	0.05	(0.02)
Estonia	-0.59	-0.98	-1.06	0.77	91.1	518.75	85.29	92.5	-0.01	(0.02)	-0.04	(0.02)
Finland	0.93	-0.03	-0.62	0.80	w	494.98	97.46	w	-0.16	(0.02)	0.12	(0.03)
France	0.43	0.52	0.06	0.93	73.6	513.53	96.30	47.0	-0.13	(0.02)	-0.02	(0.03)
Germany	-0.19	-0.30	-1.77	1.00	73.5	452.97	87.79	67.9	0.02	(0.02)	-0.09	(0.03)
Greece	0.17	0.73	0.73	0.96	62.6	477.04	93.62	38.1	-0.05	(0.02)	-0.15	(0.03)
Hungary	-1.23	-0.84	0.78	0.81	86.4	492.80	91.94	90.1	0.33	(0.02)	0.31	(0.02)
Iceland	0.28	-0.40	1.61	0.85	79.7	501.50	84.58	81.8	0.13	(0.02)	0.22	(0.02)
Ireland	-0.53	-0.11	1.47	0.85	74.6	466.48	104.91	57.6	0.31	(0.02)	0.16	(0.03)
Israel	-0.06	0.78	-0.46	0.97	75.9	485.32	92.78	48.5	-0.19	(0.01)	-0.22	(0.01)
Italy	-2.08	0.19	-1.03	0.71	77.8	536.41	93.52	47.0	-0.50	(0.02)	-0.20	(0.02)
Japan	-0.61	0.49	0.47	0.74	78.3	553.77	99.08	60.4	-0.39	(0.03)	-0.22	(0.03)
Korea	0.95	0.60	-0.51	1.10	73.6	489.85	95.40	61.1	-0.28	(0.02)	-0.21	(0.02)
Luxembourg	0.61	0.20	0.47	1.27	56.5	413.28	74.27	64.8	0.51	(0.01)	0.23	(0.01)
Mexico	0.54	1.22	1.32	0.78	81.8	522.97	91.61	34.1	-0.36	(0.02)	-0.09	(0.03)
Netherlands	-0.48	-0.50	0.25	0.82	77.5	499.75	99.60	76.2	0.28	(0.02)	0.30	(0.03)
New Zealand	-0.88	-0.95	-0.77	0.76	91.0	489.37	90.48	87.1	0.19	(0.02)	0.07	(0.03)
Norway	-1.44	-0.81	0.26	0.90	76.4	517.50	90.37	79.5	-0.14	(0.02)	-0.23	(0.04)
Poland	1.43	-0.25	-0.70	1.19	68.6	487.06	93.95	70.1	0.26	(0.02)	0.18	(0.02)
Portugal	0.05	0.80	-0.12	0.92	64.4	481.64	100.84	50.1	-0.33	(0.02)	-0.42	(0.03)
Slovak Republic	-0.52	0.49	-1.76	0.87	74.6	501.13	91.66	41.3	-0.23	(0.02)	-0.38	(0.04)
Slovenia	0.75	-0.93	0.93	1.03	75.2	484.32	87.74	81.2	-0.02	(0.02)	-0.04	(0.02)
Spain	-0.49	-0.88	1.45	0.82	86.9	478.26	91.75	87.5	0.18	(0.02)	0.15	(0.03)
Sweden	1.15	0.53	0.63	0.89	82.7	530.93	94.29	64.4	-0.12	(0.02)	-0.08	(0.03)
Switzerland	0.17	0.85	-0.04	1.10	72.3	447.98	91.07	38.2	0.06	(0.02)	-0.15	(0.03)
Turkey	-0.64	-0.73	1.82	0.80	79.4	493.93	94.52	71.8	0.32	(0.02)	0.30	(0.02)
United Kingdom	0.84	-0.68	-0.22	0.97	73.8	481.37	89.86	76.3	0.14	(0.02)	0.30	(0.02)
United States	0.00	0.00	0.00	0.90	75.7	494.05	91.86	64.8	0.00	(0.02)	0.00	(0.03)
OECD average												
<b>Partners</b>												
Albania	0.07	-0.05	0.90	m	m	394.33	91.49	95.4	0.55	(0.02)	0.20	(0.05)
Argentina	1.14	-0.32	0.24	1.11	66.5	388.43	76.74	55.6	0.16	(0.02)	-0.09	(0.03)
Brazil	4.11	-0.51	1.25	1.17	62.8	391.46	77.72	56.9	0.37	(0.01)	0.13	(0.02)
Bulgaria	-0.50	1.01	-0.25	1.05	59.6	438.74	93.91	47.2	-0.04	(0.02)	-0.25	(0.03)
Colombia	2.15	-0.05	0.44	1.18	63.2	376.49	74.33	64.9	0.42	(0.02)	0.21	(0.02)
Costa Rica	1.29	0.26	-0.57	1.24	61.8	407.00	68.36	57.6	0.30	(0.02)	0.19	(0.03)
Croatia	-0.56	1.36	1.30	0.85	75.9	471.13	88.47	55.7	-0.24	(0.02)	-0.18	(0.03)
Cyprus*	-0.57	-0.09	0.04	0.91	76.6	439.70	93.13	67.6	0.10	(0.02)	-0.03	(0.02)
Hong Kong-China	0.44	-0.02	-0.22	0.97	67.7	561.24	96.31	57.6	-0.23	(0.02)	-0.09	(0.02)
Indonesia	0.67	0.26	0.87	1.10	63.1	375.11	71.36	48.0	0.35	(0.02)	-0.13	(0.02)
Jordan	-0.33	-0.08	1.22	1.02	79.6	385.60	77.58	64.0	0.45	(0.02)	-0.09	(0.03)
Kazakhstan	-0.22	-0.19	1.65	0.75	76.8	431.80	71.18	63.5	0.41	(0.03)	0.25	(0.03)
Latvia	-0.18	-0.12	0.12	0.89	74.7	490.57	81.87	74.4	0.13	(0.02)	0.12	(0.03)
Liechtenstein	1.41	0.54	0.81	0.91	85.5	534.97	95.27	37.5	0.10	(0.07)	0.03	(0.10)
Lithuania	-0.41	-0.32	1.63	0.92	78.7	478.82	89.11	69.3	0.27	(0.02)	0.03	(0.03)
Macao-China	1.65	0.28	-1.38	0.87	73.7	538.13	94.50	58.2	-0.26	(0.02)	-0.07	(0.02)
Malaysia	-0.19	0.44	0.36	0.99	71.5	420.51	81.11	67.6	0.53	(0.02)	0.05	(0.02)
Montenegro	-0.60	0.93	-0.50	0.89	80.6	409.63	82.67	63.5	-0.29	(0.02)	-0.36	(0.03)
Peru	2.31	-0.24	0.47	1.23	54.2	368.10	84.36	54.4	0.56	(0.01)	0.36	(0.02)
Qatar	0.82	-0.08	1.78	0.89	75.5	376.45	99.86	53.8	0.29	(0.01)	-0.18	(0.02)
Romania	-0.73	-0.16	0.76	0.94	64.4	444.55	81.34	54.6	-0.57	(0.02)	-0.72	(0.03)
Russian Federation	-0.29	-0.48	1.47	0.76	75.0	482.17	86.37	73.2	-0.07	(0.02)	-0.02	(0.03)
Serbia	-1.16	1.84	0.82	0.90	78.0	448.86	90.68	54.0	-0.09	(0.02)	-0.19	(0.03)
Shanghai-China	0.52	0.23	0.32	0.96	66.8	612.68	100.98	53.1	0.01	(0.02)	0.33	(0.02)
Singapore	-0.30	0.35	-0.25	0.92	76.4	573.47	105.36	63.3	0.40	(0.02)	0.35	(0.02)
Chinese Taipei	-0.22	0.43	-0.72	0.84	76.7	559.82	115.61	57.9	-0.33	(0.02)	-0.29	(0.03)
Thailand	-0.49	0.23	-1.89	1.17	61.6	426.74	82.21	57.9	0.39	(0.01)	0.03	(0.02)
Tunisia	1.32	0.12	1.03	1.26	67.2	387.82	78.18	50.7	0.41	(0.02)	0.08	(0.04)
United Arab Emirates	1.18	0.29	1.95	0.85	73.9	434.01	89.51	55.6	0.37	(0.02)	0.12	(0.02)
Uruguay	1.40	0.34	-0.12	1.13	60.2	409.29	88.70	58.0	0.21	(0.02)	0.07	(0.03)
Viet Nam	-0.45	0.33	0.47	1.12	58.3	511.34	85.76	47.9	0.37	(0.02)	0.20	(0.02)

1. ESCS refers to the PISA index of economic, social and cultural status.

\* See notes at the beginning of this Annex.

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[Part 1/3]  
Change between 2003 and 2012 in primary school starting age

Table IV.2.17 Results based on students' self-reports


	PISA 2003													
	Average age of entry into primary school				Percentage of students who started primary school at:									
					4 years old		5 years old		6 years old		7 years old		8 years old or older	
Mean age	S.E.	S.D.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>														
Australia	5.2	(0.0)	0.70	(0.01)	12.4	(0.5)	58.2	(0.8)	24.8	(0.7)	2.7	(0.2)	0.4	(0.1)
Austria	6.2	(0.0)	0.54	(0.01)	0.2	(0.1)	4.9	(0.4)	70.6	(0.9)	22.9	(0.9)	1.1	(0.2)
Belgium	5.9	(0.0)	0.60	(0.01)	1.7	(0.2)	15.2	(0.5)	68.1	(0.7)	9.5	(0.5)	0.6	(0.1)
Canada	5.2	(0.0)	0.81	(0.01)	19.5	(0.6)	48.5	(0.7)	27.2	(0.6)	4.4	(0.3)	0.3	(0.1)
Czech Republic	6.4	(0.0)	0.52	(0.00)	0.0	c	0.8	(0.1)	62.1	(0.9)	35.9	(0.9)	1.2	(0.2)
Denmark	6.6	(0.0)	0.63	(0.01)	0.0	c	3.7	(0.3)	35.3	(1.1)	56.5	(1.0)	4.6	(0.4)
Finland	6.7	(0.0)	0.48	(0.00)	0.0	c	0.3	(0.1)	27.7	(0.6)	71.0	(0.6)	1.1	(0.1)
France	5.9	(0.0)	0.69	(0.02)	4.9	(0.5)	14.9	(0.9)	68.9	(1.2)	10.4	(0.7)	0.8	(0.2)
Germany	6.3	(0.0)	0.55	(0.01)	0.1	(0.1)	2.3	(0.2)	62.4	(0.9)	34.0	(0.9)	1.2	(0.2)
Greece	6.3	(0.0)	0.46	(0.01)	0.0	(0.0)	0.5	(0.1)	73.5	(1.1)	25.6	(1.1)	0.4	(0.1)
Hungary	6.7	(0.0)	0.58	(0.01)	0.1	(0.1)	0.6	(0.1)	36.4	(0.8)	58.5	(0.8)	4.3	(0.3)
Iceland	5.8	(0.0)	0.43	(0.01)	0.0	c	19.4	(0.7)	78.1	(0.8)	1.9	(0.2)	0.0	c
Ireland	4.4	(0.0)	0.57	(0.01)	59.8	(1.2)	36.2	(1.2)	4.1	(0.3)	0.0	c	0.0	c
Italy	5.9	(0.0)	0.42	(0.01)	0.2	(0.1)	12.9	(0.6)	82.8	(0.7)	3.9	(0.3)	0.2	(0.1)
Japan	c	c	c	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
Korea	6.1	(0.0)	0.30	(0.02)	0.0	(0.0)	1.1	(0.3)	91.6	(1.2)	6.9	(1.2)	0.4	(0.2)
Luxembourg	6.0	(0.0)	0.73	(0.01)	4.6	(0.3)	8.6	(0.4)	64.8	(0.6)	17.8	(0.5)	1.6	(0.2)
Mexico	6.1	(0.0)	0.64	(0.01)	0.9	(0.2)	11.0	(0.6)	68.5	(0.9)	17.6	(1.0)	2.0	(0.3)
Netherlands	6.0	(0.0)	0.66	(0.01)	2.2	(0.3)	14.8	(0.7)	67.5	(1.0)	14.2	(1.0)	1.2	(0.2)
New Zealand	5.0	(0.0)	0.47	(0.02)	5.7	(0.4)	85.6	(0.6)	5.0	(0.4)	2.2	(0.3)	0.3	(0.1)
Norway	6.5	(0.0)	0.65	(0.01)	1.5	(0.2)	4.0	(0.4)	34.0	(1.2)	60.1	(1.4)	0.3	(0.1)
Poland	7.0	(0.0)	0.35	(0.01)	0.0	c	0.2	(0.1)	5.2	(0.4)	89.1	(0.7)	5.5	(0.5)
Portugal	5.9	(0.0)	0.59	(0.01)	0.4	(0.1)	22.4	(0.7)	66.7	(0.9)	10.0	(0.6)	0.5	(0.1)
Slovak Republic	6.3	(0.0)	0.53	(0.01)	0.4	(0.1)	1.1	(0.1)	64.2	(1.2)	33.3	(1.2)	0.7	(0.2)
Spain	5.8	(0.0)	0.47	(0.01)	0.0	c	20.4	(0.9)	76.1	(0.9)	3.1	(0.3)	0.4	(0.1)
Sweden	6.7	(0.0)	0.55	(0.01)	0.3	(0.1)	2.3	(0.3)	26.2	(1.2)	67.6	(1.4)	1.1	(0.2)
Switzerland	6.5	(0.0)	0.74	(0.02)	1.6	(0.3)	4.3	(0.4)	35.7	(1.0)	49.7	(1.3)	4.4	(0.3)
Turkey	6.8	(0.0)	0.53	(0.02)	0.0	c	0.5	(0.1)	21.1	(1.0)	72.4	(1.2)	5.2	(1.0)
United States	5.4	(0.0)	0.78	(0.01)	9.3	(0.6)	52.1	(0.9)	31.3	(0.7)	6.5	(0.5)	0.9	(0.2)
OECD average 2003	6.1	(0.0)	0.57	(0.00)	4.3	(0.1)	15.4	(0.1)	47.6	(0.2)	27.2	(0.2)	1.4	(0.1)
<b>Partners</b>														
Brazil	6.6	(0.0)	0.84	(0.02)	1.4	(0.2)	6.1	(0.5)	30.6	(1.0)	54.1	(1.2)	7.4	(0.8)
Hong Kong-China	6.1	(0.0)	0.77	(0.02)	1.6	(0.2)	11.6	(0.6)	66.0	(1.1)	16.8	(0.8)	4.0	(0.4)
Indonesia	6.3	(0.0)	0.73	(0.01)	1.1	(0.1)	10.0	(0.6)	48.9	(1.1)	37.8	(1.3)	2.2	(0.2)
Latvia	6.8	(0.0)	0.58	(0.01)	0.1	(0.0)	1.1	(0.2)	26.5	(1.0)	66.5	(1.0)	5.8	(0.4)
Liechtenstein	6.6	(0.0)	0.62	(0.03)	0.0	c	2.2	(0.8)	34.6	(2.7)	51.0	(2.9)	5.1	(1.2)
Macao-China	6.2	(0.0)	0.89	(0.03)	3.0	(0.7)	14.4	(1.4)	50.7	(1.8)	26.2	(1.4)	5.7	(0.9)
Russian Federation	6.8	(0.0)	0.54	(0.01)	0.0	c	0.4	(0.1)	24.1	(1.4)	68.5	(1.5)	6.1	(0.5)
Thailand	6.7	(0.0)	0.50	(0.01)	0.0	c	0.5	(0.1)	29.4	(1.1)	68.4	(1.1)	1.6	(0.3)
Tunisia	6.0	(0.0)	0.43	(0.01)	0.7	(0.1)	8.9	(0.6)	83.9	(0.8)	5.2	(0.4)	0.2	(0.1)
Uruguay	5.8	(0.0)	0.65	(0.01)	3.4	(0.4)	25.8	(1.0)	63.7	(0.9)	6.5	(0.5)	0.6	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957441>

[Part 2/3]

**Change between 2003 and 2012 in primary school starting age**Table IV.2.17 *Results based on students' self-reports*

	PISA 2012														
	Average age of entry into primary school				Percentage of students who started primary school at:										
	Mean age	S.E.	S.D.	S.E.	4 years old		5 years old		6 years old		7 years old		8 years old or older		
				%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
<b>OECD</b>	Australia	5.2	(0.0)	0.68	(0.01)	11.5	(0.3)	58.4	(0.4)	26.9	(0.5)	3.1	(0.2)	0.0	c
	Austria	6.2	(0.0)	0.52	(0.01)	0.0	c	4.2	(0.4)	73.6	(0.9)	20.8	(0.8)	1.4	(0.3)
	Belgium	5.9	(0.0)	0.60	(0.01)	1.3	(0.2)	18.9	(0.6)	70.3	(0.6)	8.3	(0.4)	1.1	(0.2)
	Canada	5.2	(0.0)	0.98	(0.03)	17.8	(0.6)	49.9	(0.7)	27.5	(0.6)	3.1	(0.2)	1.6	(0.1)
	Czech Republic	6.4	(0.0)	0.55	(0.01)	0.0	c	1.2	(0.2)	61.9	(1.0)	34.9	(0.9)	1.9	(0.3)
	Denmark	6.6	(0.0)	0.68	(0.01)	0.1	(0.1)	3.2	(0.2)	36.1	(0.7)	53.6	(0.7)	7.0	(0.4)
	Finland	6.7	(0.0)	0.48	(0.00)	0.0	(0.0)	0.1	(0.0)	28.8	(0.7)	69.9	(0.7)	1.1	(0.1)
	France	5.9	(0.0)	0.80	(0.03)	3.5	(0.3)	15.9	(0.7)	68.9	(0.9)	9.4	(0.5)	2.3	(0.3)
	Germany	6.2	(0.0)	0.54	(0.01)	0.0	(0.0)	4.8	(0.4)	70.1	(0.8)	24.0	(0.7)	1.1	(0.2)
	Greece	6.3	(0.0)	0.77	(0.06)	0.1	(0.0)	4.4	(0.4)	70.5	(1.4)	23.0	(1.3)	2.1	(0.3)
	Hungary	6.7	(0.0)	0.59	(0.01)	0.1	(0.1)	0.4	(0.1)	36.1	(0.8)	57.8	(0.8)	5.6	(0.5)
	Iceland	5.8	(0.0)	0.51	(0.01)	1.7	(0.2)	19.5	(0.7)	75.7	(0.8)	3.0	(0.3)	0.1	(0.1)
	Ireland	4.5	(0.0)	0.58	(0.01)	56.0	(0.9)	39.5	(0.9)	4.5	(0.4)	0.0	c	0.0	c
	Italy	5.9	(0.0)	0.44	(0.01)	0.0	c	13.0	(0.3)	81.9	(0.4)	4.6	(0.2)	0.5	(0.1)
	Japan	6.0	(0.0)	0.00	(0.00)	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c
	Korea	6.6	(0.0)	0.61	(0.01)	0.3	(0.1)	1.2	(0.2)	38.3	(2.3)	55.5	(2.2)	4.7	(0.5)
	Luxembourg	6.2	(0.0)	0.59	(0.01)	0.0	c	6.5	(0.3)	67.6	(0.7)	23.3	(0.6)	2.6	(0.2)
	Mexico	6.1	(0.0)	0.73	(0.02)	0.8	(0.1)	8.2	(0.2)	73.5	(0.4)	15.8	(0.4)	1.7	(0.1)
	Netherlands	6.1	(0.0)	0.56	(0.01)	0.0	c	12.2	(0.6)	71.6	(0.9)	15.0	(0.6)	1.2	(0.2)
	New Zealand	5.1	(0.0)	0.56	(0.03)	5.3	(0.4)	84.3	(0.8)	7.7	(0.5)	2.0	(0.2)	0.8	(0.1)
	Norway	5.8	(0.0)	0.67	(0.05)	0.3	(0.1)	24.8	(0.7)	70.2	(0.7)	3.9	(0.3)	0.8	(0.2)
	Poland	7.0	(0.0)	0.07	(0.02)	0.0	c	0.0	c	0.5	(0.2)	99.5	(0.2)	0.0	c
	Portugal	5.9	(0.0)	0.83	(0.04)	0.0	c	24.9	(0.8)	64.9	(0.8)	7.7	(0.4)	2.5	(0.3)
	Slovak Republic	6.3	(0.0)	0.52	(0.01)	0.0	c	1.5	(0.2)	65.3	(1.1)	32.3	(1.0)	1.0	(0.1)
	Spain	5.8	(0.0)	0.50	(0.01)	0.0	c	25.4	(0.7)	70.4	(0.8)	4.2	(0.4)	0.0	c
	Sweden	6.8	(0.0)	0.68	(0.05)	0.3	(0.1)	1.5	(0.3)	25.3	(1.3)	70.2	(1.5)	2.8	(0.3)
Switzerland	6.5	(0.0)	1.03	(0.03)	2.8	(0.4)	6.4	(0.4)	44.2	(0.9)	41.4	(0.9)	5.1	(0.3)	
Turkey	6.9	(0.0)	0.54	(0.01)	0.0	(0.0)	1.1	(0.2)	17.5	(0.7)	74.7	(0.8)	6.7	(0.5)	
United States	5.9	(0.0)	1.05	(0.07)	3.5	(0.3)	24.5	(0.8)	57.5	(0.9)	12.6	(0.6)	1.9	(0.2)	
OECD average 2003	6.1	(0.0)	0.61	(0.00)	3.6	(0.1)	15.7	(0.1)	52.0	(0.2)	26.7	(0.2)	2.0	(0.1)	
<b>Partners</b>	Brazil	7.2	(0.0)	2.28	(0.04)	3.6	(0.2)	9.2	(0.4)	32.4	(0.9)	34.3	(1.0)	20.5	(0.7)
	Hong Kong-China	6.1	(0.0)	0.61	(0.02)	0.0	c	11.1	(0.6)	73.3	(1.0)	13.3	(0.7)	2.3	(0.3)
	Indonesia	6.3	(0.0)	0.65	(0.01)	0.0	c	8.3	(0.9)	54.5	(1.4)	35.3	(1.6)	1.9	(0.3)
	Latvia	6.8	(0.0)	0.56	(0.01)	0.0	c	1.8	(0.4)	25.0	(0.9)	69.4	(1.0)	3.8	(0.4)
	Liechtenstein	6.6	(0.1)	1.16	(0.21)	0.0	c	4.3	(1.2)	43.6	(3.0)	46.5	(2.9)	5.6	(1.4)
	Macao-China	6.2	(0.0)	0.69	(0.01)	0.0	c	12.6	(0.5)	61.8	(0.7)	22.3	(0.7)	3.3	(0.2)
	Russian Federation	6.7	(0.0)	0.56	(0.01)	0.0	(0.0)	0.8	(0.2)	36.0	(1.6)	60.0	(1.6)	3.2	(0.2)
	Thailand	6.2	(0.0)	0.47	(0.01)	0.0	c	4.4	(0.5)	76.5	(1.1)	18.9	(1.0)	0.2	(0.1)
	Tunisia	5.9	(0.0)	0.47	(0.03)	0.1	(0.1)	13.6	(0.5)	81.7	(0.7)	4.3	(0.5)	0.2	(0.1)
	Uruguay	5.9	(0.0)	0.54	(0.01)	1.5	(0.2)	11.9	(0.6)	78.0	(0.8)	8.0	(0.5)	0.6	(0.1)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957441>



[Part 3/3]  
**Change between 2003 and 2012 in primary school starting age**  
*Results based on students' self-reports*

Table IV.2.17

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)													
		Average age of entry into primary school				Percentage of students who started primary school at:									
		Mean age	S.E.	S.D.	S.E.	4 years old		5 years old		6 years old		7 years old		8 years old or older	
% dif.	S.E.					% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	0.0	(0.0)	-0.02	(0.01)	-0.9	(0.6)	0.2	(0.9)	<b>2.1</b>	(0.9)	0.4	(0.3)	-0.4	c
	Austria	0.0	(0.0)	-0.02	(0.02)	-0.2	c	-0.7	(0.6)	<b>3.1</b>	(1.3)	-2.2	(1.2)	0.3	(0.3)
	Belgium	0.0	(0.0)	0.00	(0.02)	-0.4	(0.3)	<b>3.7</b>	(0.8)	<b>2.2</b>	(0.9)	-1.1	(0.7)	<b>0.5</b>	(0.2)
	Canada	0.1	(0.0)	0.17	(0.03)	-1.7	(0.9)	1.4	(1.0)	0.3	(0.9)	<b>-1.3</b>	(0.3)	<b>1.3</b>	(0.2)
	Czech Republic	0.0	(0.0)	0.03	(0.01)	0.0	c	0.4	(0.2)	-0.2	(1.3)	-1.0	(1.3)	<b>0.8</b>	(0.3)
	Denmark	0.0	(0.0)	0.04	(0.01)	0.1	c	-0.5	(0.4)	0.8	(1.3)	<b>-2.9</b>	(1.2)	<b>2.4</b>	(0.6)
	Finland	0.0	(0.0)	0.00	(0.01)	0.0	c	<b>-0.2</b>	(0.1)	1.1	(0.9)	-1.1	(0.9)	0.1	(0.2)
	France	0.1	(0.0)	0.11	(0.03)	<b>-1.3</b>	(0.6)	0.9	(1.1)	0.0	(1.5)	-1.0	(0.8)	<b>1.4</b>	(0.3)
	Germany	-0.1	(0.0)	-0.02	(0.01)	-0.1	(0.1)	<b>2.5</b>	(0.4)	<b>7.7</b>	(1.2)	<b>-10.0</b>	(1.2)	-0.1	(0.3)
	Greece	0.0	(0.0)	0.31	(0.06)	0.1	(0.1)	<b>3.9</b>	(0.4)	-3.0	(1.7)	-2.6	(1.7)	<b>1.6</b>	(0.3)
	Hungary	0.0	(0.0)	0.01	(0.01)	0.0	(0.1)	-0.2	(0.1)	-0.3	(1.1)	-0.7	(1.1)	<b>1.3</b>	(0.6)
	Iceland	0.0	(0.0)	0.08	(0.01)	1.7	c	0.0	(1.0)	<b>-2.4</b>	(1.1)	<b>1.1</b>	(0.4)	0.1	c
	Ireland	0.0	(0.0)	0.01	(0.01)	<b>-3.8</b>	(1.5)	<b>3.4</b>	(1.5)	0.4	(0.5)	0.0	c	0.0	c
	Italy	0.0	(0.0)	0.02	(0.01)	-0.2	c	0.1	(0.7)	-0.8	(0.8)	0.7	(0.4)	<b>0.3</b>	(0.1)
	Japan	c	c	c	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c
	Korea	0.6	(0.0)	0.31	(0.02)	<b>0.3</b>	(0.1)	0.1	(0.4)	<b>-53.3</b>	(2.6)	<b>48.7</b>	(2.5)	<b>4.3</b>	(0.5)
	Luxembourg	0.2	(0.0)	-0.14	(0.01)	-4.6	c	<b>-2.0</b>	(0.5)	<b>2.9</b>	(0.9)	<b>5.5</b>	(0.8)	<b>0.9</b>	(0.3)
	Mexico	0.0	(0.0)	0.09	(0.02)	-0.1	(0.2)	<b>-2.8</b>	(0.6)	<b>5.0</b>	(1.0)	-1.8	(1.1)	-0.3	(0.3)
	Netherlands	0.1	(0.0)	-0.10	(0.02)	-2.2	c	<b>-2.6</b>	(0.9)	<b>4.1</b>	(1.4)	0.8	(1.1)	0.0	(0.3)
	New Zealand	0.1	(0.0)	0.09	(0.03)	-0.5	(0.6)	-1.4	(1.0)	<b>2.7</b>	(0.6)	-0.2	(0.3)	<b>0.5</b>	(0.2)
	Norway	-0.7	(0.0)	0.03	(0.05)	<b>-1.2</b>	(0.2)	<b>20.9</b>	(0.8)	<b>36.2</b>	(1.4)	<b>-56.2</b>	(1.4)	<b>0.5</b>	(0.2)
	Poland	0.0	(0.0)	-0.28	(0.02)	0.0	c	-0.2	c	<b>-4.7</b>	(0.5)	<b>10.4</b>	(0.7)	-5.5	c
	Portugal	0.0	(0.0)	0.24	(0.04)	-0.4	c	<b>2.6</b>	(1.0)	-1.8	(1.2)	<b>-2.3</b>	(0.8)	<b>2.0</b>	(0.3)
	Slovak Republic	0.0	(0.0)	-0.01	(0.01)	-0.4	c	0.3	(0.2)	1.1	(1.6)	-1.1	(1.6)	0.3	(0.2)
	Spain	0.0	(0.0)	0.03	(0.01)	0.0	c	<b>5.0</b>	(1.1)	<b>-5.8</b>	(1.2)	<b>1.1</b>	(0.5)	-0.4	c
	Sweden	0.1	(0.0)	0.13	(0.05)	0.0	(0.1)	-0.8	(0.4)	-0.9	(1.8)	2.6	(2.0)	<b>1.7</b>	(0.3)
Switzerland	-0.1	(0.0)	0.29	(0.04)	<b>1.2</b>	(0.5)	<b>2.1</b>	(0.5)	<b>8.5</b>	(1.4)	<b>-8.3</b>	(1.5)	0.7	(0.5)	
Turkey	0.0	(0.0)	0.01	(0.02)	0.0	c	<b>0.6</b>	(0.2)	<b>-3.6</b>	(1.2)	2.3	(1.4)	1.5	(1.1)	
United States	0.5	(0.0)	0.26	(0.07)	<b>-5.8</b>	(0.7)	<b>-27.5</b>	(1.2)	<b>26.3</b>	(1.1)	<b>6.1</b>	(0.8)	<b>0.9</b>	(0.3)	
OECD average 2003	0.0	(0.0)	0.06	(0.01)	<b>-0.7</b>	(0.1)	<b>0.3</b>	(0.1)	<b>4.4</b>	(0.2)	<b>-0.5</b>	(0.2)	<b>0.6</b>	(0.1)	
Partners	Brazil	0.6	(0.0)	1.43	(0.05)	<b>2.2</b>	(0.3)	<b>3.1</b>	(0.6)	1.8	(1.4)	<b>-19.8</b>	(1.5)	<b>13.1</b>	(1.1)
	Hong Kong-China	0.0	(0.0)	-0.15	(0.03)	-1.6	c	-0.4	(0.8)	<b>7.3</b>	(1.5)	<b>-3.5</b>	(1.1)	<b>-1.8</b>	(0.5)
	Indonesia	0.0	(0.0)	-0.08	(0.01)	-1.1	c	-1.7	(1.0)	<b>5.6</b>	(1.8)	-2.4	(2.0)	-0.3	(0.3)
	Latvia	0.0	(0.0)	-0.02	(0.02)	-0.1	c	0.7	(0.4)	-1.5	(1.3)	<b>3.0</b>	(1.4)	<b>-2.0</b>	(0.6)
	Liechtenstein	0.0	(0.1)	0.54	(0.21)	0.0	c	2.1	(1.4)	<b>8.9</b>	(4.0)	-4.5	(4.1)	0.5	(1.8)
	Macao-China	0.0	(0.0)	-0.21	(0.03)	-3.0	c	-1.9	(1.4)	<b>11.2</b>	(1.9)	<b>-3.9</b>	(1.6)	<b>-2.4</b>	(0.9)
	Russian Federation	-0.2	(0.0)	0.02	(0.01)	0.0	c	<b>0.4</b>	(0.2)	<b>11.9</b>	(2.1)	<b>-8.6</b>	(2.2)	<b>-2.9</b>	(0.6)
	Thailand	-0.6	(0.0)	-0.03	(0.01)	0.0	c	<b>3.8</b>	(0.5)	<b>47.1</b>	(1.6)	<b>-49.6</b>	(1.5)	<b>-1.4</b>	(0.3)
	Tunisia	0.0	(0.0)	0.04	(0.03)	<b>-0.5</b>	(0.1)	<b>4.7</b>	(0.8)	<b>-2.2</b>	(1.1)	-0.9	(0.7)	0.0	(0.1)
	Uruguay	0.2	(0.0)	-0.12	(0.02)	<b>-1.9</b>	(0.4)	<b>-13.9</b>	(1.1)	<b>14.3</b>	(1.2)	<b>1.5</b>	(0.7)	0.0	(0.2)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 1/3]

**Change between 2003 and 2012 in grade repetition***Results based on students' self-reports*

Table IV.2.18

		PISA 2003																			
		Percentage of students reporting that they have repeated a grade in:																			
		Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary or upper secondary school										
		Never		Once	Twice or more		Never		Once	Twice or more		Never		Once	Twice or more						
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.				
OECD	Australia	91.8	(0.4)	8.0	(0.4)	0.1	(0.0)	98.7	(0.1)	1.3	(0.1)	0.0	(0.0)	99.8	(0.1)	0.2	(0.1)	0.0	c	9.2	(0.5)
	Austria	96.6	(0.6)	3.3	(0.6)	0.1	(0.1)	96.2	(0.6)	3.7	(0.6)	0.2	(0.1)	96.0	(0.6)	4.0	(0.6)	0.0	c	10.2	(1.0)
	Belgium	82.3	(0.7)	16.1	(0.6)	1.6	(0.2)	91.3	(0.4)	8.4	(0.4)	0.3	(0.1)	90.6	(0.5)	9.4	(0.5)	0.1	(0.0)	30.3	(0.7)
	Canada	94.1	(0.3)	5.3	(0.3)	0.7	(0.1)	94.2	(0.4)	5.0	(0.3)	0.8	(0.1)	99.3	(0.1)	0.7	(0.1)	0.0	(0.0)	10.9	(0.5)
	Czech Republic	98.5	(0.2)	1.5	(0.2)	0.0	(0.0)	98.7	(0.2)	1.3	(0.2)	0.0	(0.0)	0.0	c	0.0	c	0.0	c	2.7	(0.3)
	Denmark	97.1	(0.3)	2.8	(0.3)	0.1	(0.1)	99.2	(0.2)	0.8	(0.2)	0.0	(0.0)	100.0	c	0.0	c	0.0	c	3.6	(0.4)
	Finland	97.6	(0.2)	2.3	(0.2)	0.0	(0.0)	99.5	(0.1)	0.5	(0.1)	0.0	c	0.0	c	0.0	c	0.0	c	2.8	(0.3)
	France	82.7	(1.0)	16.3	(0.9)	1.0	(0.2)	70.4	(1.2)	28.6	(1.2)	1.1	(0.2)	0.0	c	0.0	c	0.0	c	39.5	(1.1)
	Germany	90.2	(0.7)	9.5	(0.7)	0.2	(0.1)	84.9	(0.7)	14.4	(0.7)	0.7	(0.1)	0.0	c	0.0	c	0.0	c	21.6	(0.9)
	Greece	99.3	(0.1)	0.7	(0.1)	0.0	(0.0)	94.0	(0.7)	5.2	(0.5)	0.8	(0.2)	99.1	(0.2)	0.9	(0.2)	0.0	c	7.1	(0.7)
	Hungary	95.8	(0.4)	3.7	(0.4)	0.4	(0.1)	96.4	(0.4)	3.1	(0.3)	0.6	(0.1)	96.9	(0.3)	3.1	(0.3)	0.0	(0.0)	9.7	(0.5)
	Iceland	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Ireland	86.3	(0.7)	13.4	(0.7)	0.3	(0.1)	98.8	(0.2)	1.2	(0.2)	0.0	c	99.8	(0.1)	0.2	(0.1)	0.0	c	14.4	(0.7)
	Italy	98.4	(0.4)	1.2	(0.3)	0.4	(0.2)	94.0	(0.6)	5.4	(0.5)	0.6	(0.2)	90.8	(0.5)	9.1	(0.5)	0.1	(0.1)	15.1	(0.7)
	Japan	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Korea	99.8	(0.1)	0.2	(0.1)	0.0	c	99.8	(0.1)	0.2	(0.1)	0.0	c	99.9	(0.0)	0.1	(0.0)	0.0	c	0.5	(0.1)
	Luxembourg	82.3	(0.5)	15.0	(0.5)	2.7	(0.3)	71.0	(0.5)	28.4	(0.5)	0.7	(0.1)	99.9	(0.1)	0.1	(0.1)	0.0	c	38.6	(0.4)
	Mexico	75.4	(1.6)	21.8	(1.4)	2.8	(0.3)	91.5	(0.9)	8.1	(0.9)	0.4	(0.1)	97.0	(0.5)	2.9	(0.5)	0.0	(0.0)	29.7	(1.7)
	Netherlands	77.6	(1.0)	21.8	(1.0)	0.6	(0.2)	89.3	(0.8)	10.7	(0.8)	0.0	(0.0)	0.0	c	0.0	c	0.0	c	29.5	(1.1)
	New Zealand	96.6	(0.3)	3.4	(0.3)	0.1	(0.0)	98.8	(0.2)	1.1	(0.2)	0.0	(0.0)	99.6	(0.1)	0.4	(0.1)	0.1	(0.0)	4.6	(0.3)
	Norway	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
Poland	97.6	(0.3)	2.2	(0.3)	0.2	(0.1)	98.3	(0.3)	1.6	(0.2)	0.1	(0.1)	100.0	c	0.0	c	0.0	c	3.6	(0.4)	
Portugal	80.7	(1.8)	15.0	(1.7)	4.3	(0.5)	80.8	(1.3)	15.8	(1.1)	3.4	(0.4)	99.8	(0.1)	0.2	(0.1)	0.0	c	30.2	(1.9)	
Slovak Republic	98.4	(0.3)	1.3	(0.3)	0.3	(0.1)	98.8	(0.2)	1.0	(0.1)	0.2	(0.1)	0.0	c	0.0	c	0.0	c	2.5	(0.4)	
Spain	93.6	(0.5)	6.2	(0.5)	0.2	(0.1)	74.7	(1.0)	25.1	(1.0)	0.2	(0.1)	0.0	c	0.0	c	0.0	c	29.0	(1.0)	
Sweden	97.2	(0.4)	2.8	(0.4)	0.0	(0.0)	99.2	(0.2)	0.8	(0.2)	0.0	c	100.0	c	0.0	c	0.0	c	3.5	(0.4)	
Switzerland	85.1	(0.8)	14.3	(0.8)	0.6	(0.1)	90.7	(0.7)	9.2	(0.7)	0.1	(0.0)	99.5	(0.2)	0.5	(0.2)	0.0	c	22.0	(1.1)	
Turkey	94.1	(1.1)	5.3	(0.9)	0.6	(0.3)	95.2	(0.9)	4.6	(0.8)	0.2	(0.2)	88.5	(1.1)	11.5	(1.1)	0.0	c	18.0	(1.5)	
United States	91.9	(0.6)	7.8	(0.6)	0.3	(0.1)	95.8	(0.6)	3.9	(0.6)	0.2	(0.1)	99.3	(0.2)	0.7	(0.2)	0.0	c	11.6	(0.8)	
OECD average 2003	85.5	(0.1)	6.9	(0.1)	0.6	(0.0)	86.2	(0.1)	6.5	(0.1)	0.4	(0.0)	64.0	(0.1)	1.5	(0.1)	0.0	(0.0)	13.8	(0.2)	
Partners	Brazil	77.5	(1.2)	19.5	(1.1)	3.1	(0.4)	81.0	(1.2)	15.6	(1.0)	3.4	(0.4)	97.6	(0.4)	2.4	(0.4)	0.0	c	33.1	(1.4)
	Hong Kong-China	87.2	(0.6)	11.9	(0.6)	0.9	(0.1)	94.6	(0.4)	4.9	(0.4)	0.5	(0.1)	99.9	(0.1)	0.1	(0.1)	0.0	c	16.8	(0.6)
	Indonesia	84.6	(0.9)	14.6	(0.9)	0.8	(0.1)	98.5	(0.2)	1.3	(0.2)	0.2	(0.1)	99.8	(0.1)	0.2	(0.1)	0.0	c	15.9	(0.9)
	Latvia	94.2	(0.6)	5.5	(0.6)	0.3	(0.1)	98.4	(0.3)	1.4	(0.2)	0.2	(0.1)	100.0	c	0.0	c	0.0	c	7.0	(0.7)
	Liechtenstein	91.5	(1.5)	8.5	(1.5)	0.0	c	88.0	(1.5)	11.7	(1.6)	0.3	(0.3)	100.0	c	0.0	c	0.0	c	18.7	(1.8)
	Macao-China	67.6	(1.4)	24.6	(1.6)	7.8	(0.9)	67.0	(1.6)	27.3	(1.5)	5.6	(0.8)	98.1	(0.9)	1.9	(0.9)	0.0	c	49.8	(1.4)
	Russian Federation	97.7	(0.3)	2.2	(0.3)	0.1	(0.0)	98.8	(0.2)	1.1	(0.2)	0.1	(0.1)	0.0	c	0.0	c	0.0	c	3.2	(0.3)
	Thailand	99.6	(0.2)	0.4	(0.2)	0.0	c	98.8	(0.2)	1.0	(0.2)	0.1	(0.1)	99.3	(0.3)	0.7	(0.3)	0.0	c	1.8	(0.3)
	Tunisia	47.5	(1.4)	34.0	(1.1)	18.4	(0.9)	58.5	(1.6)	36.1	(1.4)	5.3	(0.5)	98.8	(0.4)	1.2	(0.4)	0.0	c	61.8	(1.4)
	Uruguay	79.6	(1.4)	15.8	(1.1)	4.6	(0.5)	78.0	(1.4)	17.8	(1.1)	4.2	(0.5)	98.6	(0.3)	1.4	(0.3)	0.0	c	33.6	(1.9)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957441>



[Part 2/3]  
**Change between 2003 and 2012 in grade repetition**  
*Results based on students' self-reports*

Table IV.2.18


		PISA 2012																			
		Percentage of students reporting that they have repeated a grade in:																			
		Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary or upper secondary school										
		Never		Once	Twice or more		Never		Once	Twice or more		Never		Once	Twice or more		%		S.E.		
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD	Australia	93.3	(0.2)	6.4	(0.2)	0.3	(0.1)	98.7	(0.1)	1.2	(0.1)	0.1	(0.0)	99.7	(0.1)	0.3	(0.1)	0.0	(0.0)	7.5	(0.3)
	Austria	94.9	(0.4)	5.0	(0.4)	0.1	(0.0)	95.1	(0.4)	4.6	(0.4)	0.3	(0.1)	96.4	(0.3)	3.6	(0.3)	0.0	c	11.9	(0.7)
	Belgium	79.5	(0.7)	17.8	(0.6)	2.7	(0.2)	83.3	(0.6)	15.5	(0.6)	1.2	(0.1)	90.9	(0.4)	9.0	(0.4)	0.1	(0.0)	36.1	(0.6)
	Canada	95.8	(0.2)	3.9	(0.2)	0.3	(0.1)	95.6	(0.2)	3.8	(0.2)	0.7	(0.1)	99.1	(0.1)	0.7	(0.1)	0.2	(0.1)	8.0	(0.3)
	Czech Republic	97.9	(0.4)	1.9	(0.4)	0.3	(0.1)	96.7	(0.4)	3.0	(0.4)	0.3	(0.1)	0.0	c	0.0	c	0.0	c	4.9	(0.6)
	Denmark	96.0	(0.4)	3.9	(0.4)	0.1	(0.0)	99.0	(0.2)	1.0	(0.2)	0.0	(0.0)	100.0	c	0.0	c	0.0	c	4.7	(0.4)
	Finland	96.8	(0.3)	3.1	(0.3)	0.1	(0.1)	99.3	(0.2)	0.7	(0.2)	0.0	(0.0)	100.0	c	0.0	c	0.0	c	3.8	(0.4)
	France	83.0	(0.7)	16.5	(0.7)	0.5	(0.1)	85.6	(0.7)	13.9	(0.7)	0.5	(0.1)	99.5	(0.1)	0.5	(0.1)	0.0	(0.0)	28.4	(0.8)
	Germany	89.8	(0.6)	9.6	(0.6)	0.7	(0.1)	87.2	(0.6)	12.3	(0.6)	0.5	(0.1)	0.0	c	0.0	c	0.0	c	20.3	(0.8)
	Greece	98.5	(0.3)	0.9	(0.2)	0.7	(0.1)	96.1	(0.7)	2.8	(0.5)	1.2	(0.3)	0.0	c	0.0	c	0.0	c	4.5	(0.7)
	Hungary	95.1	(0.6)	4.2	(0.5)	0.7	(0.2)	94.3	(0.7)	4.2	(0.5)	1.5	(0.4)	97.3	(0.3)	2.6	(0.3)	0.1	(0.0)	10.8	(0.9)
	Iceland	99.3	(0.1)	0.5	(0.1)	0.2	(0.1)	99.2	(0.1)	0.6	(0.1)	0.2	(0.1)	0.0	c	0.0	c	0.0	c	1.2	(0.2)
	Ireland	92.1	(0.4)	7.7	(0.4)	0.1	(0.1)	98.9	(0.2)	1.0	(0.1)	0.1	(0.0)	100.0	(0.0)	0.0	(0.0)	0.0	c	8.6	(0.4)
	Italy	99.0	(0.1)	0.9	(0.1)	0.1	(0.0)	92.6	(0.3)	6.1	(0.3)	1.4	(0.2)	89.7	(0.4)	10.2	(0.4)	0.1	(0.0)	17.1	(0.5)
	Japan	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Korea	96.8	(0.2)	2.4	(0.2)	0.8	(0.1)	96.9	(0.2)	2.2	(0.2)	0.9	(0.1)	97.8	(0.2)	1.7	(0.2)	0.5	(0.1)	3.6	(0.3)
	Luxembourg	78.5	(0.5)	19.3	(0.5)	2.2	(0.2)	80.7	(0.6)	18.5	(0.6)	0.8	(0.1)	99.1	(0.2)	0.7	(0.2)	0.3	(0.1)	34.5	(0.5)
	Mexico	87.4	(0.5)	11.2	(0.4)	1.4	(0.1)	96.6	(0.3)	3.1	(0.3)	0.3	(0.0)	98.9	(0.1)	1.0	(0.1)	0.1	(0.0)	15.5	(0.6)
	Netherlands	79.1	(1.1)	20.2	(1.0)	0.7	(0.1)	92.1	(0.6)	7.8	(0.6)	0.1	(0.0)	99.7	(0.1)	0.3	(0.1)	0.0	c	27.6	(0.9)
	New Zealand	96.0	(0.3)	3.7	(0.3)	0.3	(0.1)	98.2	(0.2)	1.5	(0.2)	0.3	(0.1)	99.0	(0.2)	0.8	(0.2)	0.2	(0.1)	5.4	(0.3)
	Norway	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
Poland	98.6	(0.2)	1.3	(0.2)	0.2	(0.1)	96.8	(0.3)	2.9	(0.3)	0.2	(0.1)	0.0	c	0.0	c	0.0	c	4.2	(0.4)	
Portugal	76.7	(1.5)	17.9	(1.2)	5.4	(0.6)	80.2	(1.5)	17.5	(1.4)	2.4	(0.3)	99.9	(0.1)	0.1	(0.1)	0.0	c	34.3	(1.9)	
Slovak Republic	95.1	(0.5)	3.5	(0.5)	1.4	(0.2)	96.6	(0.4)	2.9	(0.4)	0.5	(0.1)	99.5	(0.3)	0.2	(0.1)	0.3	(0.3)	7.6	(0.6)	
Spain	86.2	(0.5)	12.9	(0.4)	0.8	(0.1)	72.3	(0.7)	25.0	(0.6)	2.7	(0.2)	0.0	c	0.0	c	0.0	c	32.9	(0.6)	
Sweden	96.6	(0.3)	3.1	(0.3)	0.2	(0.1)	98.7	(0.2)	1.1	(0.2)	0.2	(0.1)	98.7	(1.1)	0.0	c	1.3	(1.1)	4.0	(0.4)	
Switzerland	86.8	(0.7)	12.7	(0.7)	0.5	(0.1)	91.9	(0.5)	7.9	(0.5)	0.2	(0.0)	99.5	(0.2)	0.5	(0.2)	0.0	c	19.9	(0.9)	
Turkey	97.7	(0.3)	2.3	(0.3)	0.1	(0.0)	0.0	c	0.0	c	0.0	c	87.0	(0.8)	12.9	(0.8)	0.1	(0.1)	14.2	(0.9)	
United States	88.9	(0.9)	10.7	(0.9)	0.4	(0.1)	96.0	(0.3)	4.0	(0.3)	0.1	(0.0)	97.9	(0.3)	2.0	(0.3)	0.0	(0.0)	13.3	(1.0)	
OECD average 2003	85.4	(0.1)	7.0	(0.1)	0.7	(0.0)	83.4	(0.1)	5.7	(0.1)	0.6	(0.0)	70.7	(0.1)	1.6	(0.1)	0.1	(0.1)	13.3	(0.1)	
Partners	Brazil	79.4	(0.7)	15.9	(0.6)	4.7	(0.4)	80.6	(0.8)	14.5	(0.6)	4.9	(0.4)	92.3	(0.4)	7.4	(0.4)	0.4	(0.1)	36.1	(1.0)
	Hong Kong-China	90.7	(0.5)	8.5	(0.5)	0.8	(0.1)	92.4	(0.5)	7.2	(0.5)	0.4	(0.1)	99.8	(0.1)	0.2	(0.1)	0.0	(0.0)	15.9	(0.7)
	Indonesia	85.4	(1.2)	13.3	(1.1)	1.3	(0.2)	95.0	(0.6)	4.4	(0.5)	0.6	(0.2)	96.2	(0.6)	3.5	(0.6)	0.3	(0.1)	15.5	(1.3)
	Latvia	94.4	(0.4)	5.0	(0.4)	0.5	(0.2)	96.3	(0.5)	3.5	(0.5)	0.2	(0.1)	99.4	(0.6)	0.0	c	0.6	(0.6)	8.5	(0.6)
	Liechtenstein	89.0	(1.7)	11.0	(1.7)	0.0	c	90.6	(1.5)	9.4	(1.5)	0.0	c	100.0	c	0.0	c	0.0	c	18.9	(1.9)
	Macao-China	77.0	(0.4)	17.0	(0.4)	6.0	(0.3)	70.5	(0.5)	25.0	(0.5)	4.5	(0.2)	99.3	(0.2)	0.6	(0.2)	0.0	(0.0)	41.2	(0.4)
	Russian Federation	98.3	(0.2)	1.5	(0.2)	0.2	(0.1)	99.1	(0.2)	0.8	(0.2)	0.1	(0.1)	0.0	c	0.0	c	0.0	c	2.5	(0.3)
	Thailand	98.1	(0.2)	1.9	(0.2)	0.0	c	99.0	(0.2)	1.0	(0.2)	0.0	(0.0)	99.3	(0.1)	0.7	(0.1)	0.0	c	3.3	(0.3)
	Tunisia	82.2	(1.8)	12.7	(1.2)	5.1	(0.7)	69.6	(2.4)	23.8	(1.8)	6.6	(0.7)	97.4	(0.3)	2.6	(0.3)	0.0	(0.0)	38.7	(2.8)
	Uruguay	78.4	(1.0)	17.4	(0.8)	4.2	(0.4)	72.9	(1.2)	20.7	(0.9)	6.4	(0.6)	99.7	(0.1)	0.3	(0.1)	0.0	(0.0)	37.9	(1.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 3/3]  
**Change between 2003 and 2012 in grade repetition**  
*Results based on students' self-reports*

Table IV.2.18

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																			
		Percentage of students reporting that they have repeated a grade in:																			
		Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary or upper secondary school										
		Never		Once		Twice or more		Never		Once		Twice or more		Never		Once		Twice or more			
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	<b>1.5</b>	(0.5)	<b>-1.6</b>	(0.5)	<b>0.2</b>	(0.1)	0.0	(0.2)	-0.1	(0.2)	0.0	(0.0)	-0.1	(0.1)	0.1	(0.1)	0.0	c	<b>-1.7</b>	(0.5)
	Austria	<b>-1.7</b>	(0.7)	<b>1.7</b>	(0.7)	0.0	(0.1)	-1.1	(0.7)	1.0	(0.7)	0.1	(0.1)	0.4	(0.7)	-0.4	(0.7)	0.0	c	1.7	(1.2)
	Belgium	<b>-2.7</b>	(1.0)	1.6	(0.9)	<b>1.1</b>	(0.3)	<b>-8.0</b>	(0.7)	<b>7.2</b>	(0.7)	<b>0.8</b>	(0.2)	0.4	(0.6)	-0.4	(0.6)	0.0	(0.0)	<b>5.8</b>	(0.9)
	Canada	1.7	(0.4)	<b>-1.4</b>	(0.4)	<b>-0.3</b>	(0.2)	1.4	(0.4)	<b>-1.3</b>	(0.4)	-0.1	(0.1)	-0.1	(0.1)	0.0	(0.1)	<b>0.2</b>	(0.1)	<b>-2.9</b>	(0.6)
	Czech Republic	-0.6	(0.5)	0.3	(0.4)	<b>0.2</b>	(0.1)	<b>-2.0</b>	(0.5)	<b>1.7</b>	(0.5)	<b>0.3</b>	(0.1)	0.0	c	0.0	c	0.0	c	<b>2.1</b>	(0.7)
	Denmark	<b>-1.1</b>	(0.5)	<b>1.1</b>	(0.5)	0.0	(0.1)	-0.2	(0.3)	0.2	(0.3)	0.0	(0.0)	0.0	c	0.0	c	0.0	c	1.2	(0.6)
	Finland	<b>-0.8</b>	(0.4)	<b>0.7</b>	(0.4)	0.1	(0.1)	-0.3	(0.2)	0.3	(0.2)	0.0	c	100.0	c	0.0	c	0.0	c	<b>1.0</b>	(0.5)
	France	0.3	(1.2)	0.2	(1.2)	<b>-0.5</b>	(0.2)	<b>15.2</b>	(1.4)	<b>-14.7</b>	(1.3)	<b>-0.6</b>	(0.2)	99.5	c	0.5	c	0.0	c	<b>-11.1</b>	(1.4)
	Germany	-0.4	(0.9)	0.0	(0.9)	<b>0.4</b>	(0.1)	<b>2.2</b>	(0.9)	<b>-2.0</b>	(0.9)	-0.2	(0.2)	0.0	c	0.0	c	0.0	c	-1.4	(1.2)
	Greece	<b>-0.8</b>	(0.3)	0.2	(0.2)	<b>0.6</b>	(0.1)	<b>2.1</b>	(1.0)	<b>-2.4</b>	(0.7)	0.3	(0.3)	-99.1	c	-0.9	c	0.0	c	<b>-2.6</b>	(1.0)
	Hungary	-0.7	(0.7)	0.5	(0.7)	<b>0.3</b>	(0.2)	<b>-2.1</b>	(0.8)	<b>1.1</b>	(0.6)	<b>1.0</b>	(0.4)	0.4	(0.4)	-0.4	(0.4)	0.0	(0.0)	1.1	(1.0)
	Iceland	-0.7	c	0.5	c	0.2	c	-0.8	c	0.6	c	0.2	c	0.0	c	0.0	c	0.0	c	1.2	c
	Ireland	<b>5.8</b>	(0.8)	<b>-5.6</b>	(0.8)	-0.2	(0.1)	0.1	(0.3)	-0.2	(0.3)	0.1	c	0.1	(0.1)	-0.1	(0.1)	0.0	c	<b>-5.8</b>	(0.8)
	Italy	0.6	(0.4)	-0.3	(0.3)	-0.3	(0.2)	<b>-1.4</b>	(0.7)	0.7	(0.6)	<b>0.8</b>	(0.3)	-1.1	(0.6)	1.1	(0.6)	0.0	(0.1)	<b>2.0</b>	(0.9)
	Japan	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Korea	<b>-3.0</b>	(0.2)	<b>2.2</b>	(0.2)	0.8	c	<b>-2.8</b>	(0.2)	<b>1.9</b>	(0.2)	0.9	c	<b>-2.1</b>	(0.2)	<b>1.6</b>	(0.2)	0.5	c	<b>3.2</b>	(0.3)
	Luxembourg	<b>-3.8</b>	(0.7)	<b>4.3</b>	(0.7)	-0.4	(0.3)	<b>9.8</b>	(0.8)	<b>-9.9</b>	(0.8)	0.2	(0.2)	<b>-0.8</b>	(0.2)	<b>0.6</b>	(0.2)	0.3	c	<b>-4.0</b>	(0.7)
	Mexico	<b>12.1</b>	(1.7)	<b>-10.7</b>	(1.5)	<b>-1.4</b>	(0.4)	<b>5.1</b>	(0.9)	<b>-5.0</b>	(0.9)	-0.1	(0.1)	<b>1.9</b>	(0.5)	<b>-2.0</b>	(0.5)	0.1	(0.0)	<b>-14.2</b>	(1.8)
	Netherlands	1.6	(1.4)	-1.7	(1.4)	0.1	(0.2)	<b>2.8</b>	(1.0)	<b>-2.9</b>	(1.0)	0.1	(0.0)	99.7	c	0.3	c	0.0	c	-1.9	(1.4)
	New Zealand	-0.6	(0.4)	0.3	(0.4)	<b>0.2</b>	(0.1)	<b>-0.6</b>	(0.3)	0.3	(0.3)	<b>0.3</b>	(0.1)	<b>-0.6</b>	(0.2)	<b>0.4</b>	(0.2)	<b>0.2</b>	(0.1)	0.7	(0.4)
	Norway	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Poland	<b>0.9</b>	(0.4)	<b>-0.9</b>	(0.3)	0.0	(0.1)	<b>-1.5</b>	(0.4)	<b>1.4</b>	(0.4)	0.1	(0.1)	-100.0	c	0.0	c	0.0	c	0.6	(0.5)
	Portugal	-4.0	(2.4)	2.9	(2.0)	1.1	(0.8)	-0.6	(2.0)	1.7	(1.8)	<b>-1.1</b>	(0.5)	0.0	(0.1)	0.0	(0.1)	0.0	c	4.1	(2.7)
	Slovak Republic	<b>-3.4</b>	(0.6)	<b>2.2</b>	(0.6)	<b>1.2</b>	(0.3)	<b>-2.2</b>	(0.5)	<b>1.9</b>	(0.4)	<b>0.3</b>	(0.2)	99.5	c	0.2	c	0.3	c	<b>5.0</b>	(0.7)
	Spain	<b>-7.3</b>	(0.7)	<b>6.7</b>	(0.6)	<b>0.6</b>	(0.2)	<b>-2.4</b>	(1.2)	-0.1	(1.1)	<b>2.5</b>	(0.2)	0.0	c	0.0	c	0.0	c	<b>3.9</b>	(1.2)
	Sweden	-0.5	(0.5)	0.3	(0.5)	<b>0.2</b>	(0.1)	<b>-0.5</b>	(0.3)	0.3	(0.3)	0.2	c	-1.3	c	0.0	c	1.3	c	0.4	(0.6)
Switzerland	1.7	(1.1)	-1.5	(1.1)	-0.1	(0.1)	1.3	(0.9)	-1.3	(0.9)	0.0	(0.1)	0.1	(0.3)	-0.1	(0.3)	0.0	c	-2.1	(1.4)	
Turkey	<b>3.6</b>	(1.1)	<b>-3.0</b>	(0.9)	<b>-0.6</b>	(0.3)	-95.2	c	-4.6	c	-0.2	c	-1.5	(1.4)	1.4	(1.4)	0.1	c	<b>-3.8</b>	(1.7)	
United States	<b>-3.0</b>	(1.1)	<b>2.9</b>	(1.1)	0.1	(0.2)	0.1	(0.7)	0.1	(0.7)	-0.2	(0.1)	<b>-1.4</b>	(0.3)	<b>1.4</b>	(0.3)	0.0	c	1.7	(1.3)	
OECD average 2003	-0.2	(0.2)	0.1	(0.2)	<b>0.1</b>	(0.0)	<b>-2.8</b>	(0.2)	<b>-0.8</b>	(0.1)	<b>0.2</b>	(0.0)	<b>6.7</b>	(0.1)	0.1	(0.1)	<b>0.1</b>	(0.0)	<b>-0.5</b>	(0.2)	
Partners	Brazil	1.9	(1.4)	<b>-3.6</b>	(1.2)	<b>1.7</b>	(0.6)	-0.5	(1.5)	-1.1	(1.2)	<b>1.6</b>	(0.5)	<b>-5.3</b>	(0.6)	<b>4.9</b>	(0.6)	0.4	c	2.9	(1.7)
	Hong Kong-China	<b>3.5</b>	(0.8)	<b>-3.4</b>	(0.8)	-0.1	(0.2)	<b>-2.2</b>	(0.7)	<b>2.3</b>	(0.7)	-0.1	(0.1)	-0.2	(0.1)	0.1	(0.1)	0.0	c	-0.9	(1.0)
	Indonesia	0.8	(1.5)	-1.4	(1.4)	<b>0.6</b>	(0.2)	<b>-3.5</b>	(0.7)	<b>3.1</b>	(0.5)	<b>0.4</b>	(0.2)	<b>-3.6</b>	(0.6)	<b>3.3</b>	(0.6)	0.3	c	-0.4	(1.6)
	Latvia	0.2	(0.7)	-0.5	(0.7)	0.2	(0.2)	<b>-2.1</b>	(0.5)	<b>2.1</b>	(0.5)	0.1	(0.1)	-0.6	c	0.0	c	0.6	c	1.5	(0.9)
	Liechtenstein	-2.5	(2.3)	2.5	(2.3)	0.0	c	2.7	(2.1)	-2.3	(2.2)	-0.3	c	0.0	c	0.0	c	0.0	c	0.2	(2.6)
	Macao-China	<b>9.4</b>	(1.4)	<b>-7.6</b>	(1.6)	-1.8	(1.0)	<b>3.4</b>	(1.7)	-2.3	(1.6)	-1.1	(0.9)	1.3	(0.9)	-1.3	(0.9)	0.0	c	<b>-8.6</b>	(1.4)
	Russian Federation	0.6	(0.4)	-0.7	(0.4)	0.1	(0.1)	0.3	(0.3)	-0.2	(0.3)	-0.1	(0.1)	0.0	c	0.0	c	0.0	c	-0.7	(0.5)
	Thailand	<b>-1.5</b>	(0.3)	<b>1.5</b>	(0.3)	0.0	c	0.1	(0.2)	0.0	(0.2)	-0.1	(0.1)	-0.1	(0.3)	0.1	(0.3)	0.0	c	<b>1.5</b>	(0.4)
	Tunisia	<b>34.7</b>	(2.3)	<b>-21.3</b>	(1.6)	<b>-13.4</b>	(1.1)	<b>11.1</b>	(2.9)	<b>-12.4</b>	(2.3)	1.3	(0.9)	<b>-1.4</b>	(0.5)	<b>1.4</b>	(0.5)	0.0	c	<b>-23.1</b>	(3.1)
	Uruguay	-1.2	(1.7)	1.6	(1.4)	-0.4	(0.6)	<b>-5.1</b>	(1.9)	<b>2.9</b>	(1.4)	<b>2.1</b>	(0.8)	<b>1.1</b>	(0.3)	<b>-1.2</b>	(0.3)	0.0	c	4.3	(2.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957441>






[Part 1/1]  
**Change between 2003 and 2012 in the concentration of grade repetition**  
 Results based on students' self-reports

Table IV.2.19


		Percentage of students in schools where the following percentage of students have repeated a grade in primary, lower secondary or upper secondary school													
		PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)					
		Over 30%		More than 10% but 30% or less	More than 0% but 10% or less	0%	Over 30%		More than 10% but 30% or less	More than 0% but 10% or less	0%	Over 30%	More than 10% but 30% or less	More than 0% but 10% or less	0%
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.1 (1.6)	32.2 (2.7)	58.8 (3.1)	6.9 (1.7)	0.9 (0.3)	33.3 (1.9)	40.8 (1.7)	25.0 (1.5)	-1.2 (1.6)	1.1 (3.3)	<b>-18.0</b> (3.6)	<b>18.1</b> (2.3)		
	Austria	7.1 (1.7)	19.4 (2.8)	39.3 (3.4)	34.2 (2.8)	6.7 (1.3)	31.8 (3.8)	49.9 (4.0)	11.6 (2.2)	-0.5 (2.1)	<b>12.4</b> (4.8)	<b>10.6</b> (5.3)	<b>-22.5</b> (3.6)		
	Belgium	46.8 (1.7)	31.6 (1.8)	15.7 (1.6)	5.8 (1.2)	55.7 (2.1)	27.0 (2.4)	14.6 (1.7)	2.7 (0.9)	<b>8.8</b> (2.7)	-4.6 (3.0)	-1.1 (2.3)	<b>-3.2</b> (1.5)		
	Canada	8.7 (1.2)	26.0 (2.1)	30.3 (2.1)	35.0 (2.3)	6.9 (1.0)	17.9 (1.4)	37.6 (2.3)	37.6 (2.2)	-1.8 (1.5)	<b>-8.1</b> (2.5)	<b>7.3</b> (3.1)	2.6 (3.2)		
	Czech Republic	0.7 (0.4)	8.5 (1.8)	16.7 (2.2)	74.2 (2.2)	3.2 (1.0)	14.3 (2.6)	18.1 (2.9)	64.4 (3.1)	<b>2.5</b> (1.1)	5.9 (3.2)	1.5 (3.6)	<b>-9.8</b> (3.8)		
	Denmark	0.5 (0.4)	9.2 (2.0)	35.9 (3.4)	54.4 (3.9)	0.7 (0.4)	14.3 (2.5)	44.5 (3.6)	40.6 (3.5)	0.2 (0.6)	5.1 (3.2)	8.6 (5.0)	<b>-13.8</b> (5.3)		
	Finland	0.0 c	3.0 (1.4)	48.8 (4.0)	48.2 (4.0)	0.9 (0.5)	7.2 (1.8)	56.6 (3.0)	35.3 (2.9)	0.9 c	4.2 (2.3)	7.7 (5.0)	<b>-12.8</b> (4.9)		
	France	42.3 (1.6)	5.3 (1.7)	10.0 (2.0)	42.5 (2.4)	31.6 (1.5)	5.7 (1.7)	14.9 (2.3)	47.7 (2.4)	<b>-10.6</b> (2.2)	0.4 (2.4)	5.0 (3.1)	5.3 (3.4)		
	Germany	30.3 (2.9)	43.6 (3.1)	19.1 (2.9)	7.1 (1.2)	27.2 (2.1)	39.5 (3.0)	21.0 (2.5)	12.3 (2.1)	-3.1 (3.6)	-4.1 (4.3)	2.0 (3.8)	<b>5.2</b> (2.4)		
	Greece	7.3 (1.1)	9.3 (2.6)	36.9 (5.1)	46.5 (4.8)	5.0 (1.1)	0.7 (0.4)	25.5 (3.8)	68.8 (3.8)	-2.3 (1.6)	<b>-8.7</b> (2.7)	-11.4 (6.3)	<b>22.3</b> (6.1)		
	Hungary	6.0 (0.6)	15.9 (2.5)	46.4 (3.4)	31.7 (2.8)	9.5 (1.0)	12.9 (1.8)	30.5 (3.5)	47.1 (3.6)	<b>3.5</b> (1.2)	-3.0 (3.1)	<b>-15.8</b> (4.8)	<b>15.3</b> (4.6)		
	Iceland	0.0 c	0.0 c	0.0 c	100.0 c	0.0 c	0.6 (0.1)	35.2 (0.2)	64.3 (0.2)	0.0 c	0.6 c	35.2 c	-35.7 c		
	Ireland	9.0 (2.3)	54.3 (4.0)	28.5 (3.7)	8.2 (2.4)	0.1 (0.1)	39.5 (3.9)	46.8 (3.9)	13.6 (2.8)	<b>-8.9</b> (2.3)	<b>-14.8</b> (5.6)	<b>18.3</b> (5.4)	5.4 (3.7)		
	Italy	14.8 (2.1)	37.5 (3.1)	29.1 (2.8)	18.7 (2.3)	17.1 (1.4)	37.9 (1.7)	29.4 (1.6)	15.6 (1.6)	2.3 (2.5)	0.4 (3.5)	0.3 (3.2)	-3.0 (2.8)		
	Japan	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c		
	Korea	0.2 (0.1)	0.8 (0.4)	9.0 (2.2)	90.1 (2.2)	0.2 (0.2)	5.1 (1.3)	59.8 (3.7)	35.0 (3.8)	0.0 (0.2)	<b>4.3</b> (1.4)	<b>50.8</b> (4.3)	<b>-55.1</b> (4.4)		
	Luxembourg	69.1 (0.0)	21.2 (0.0)	9.3 (0.0)	0.4 (0.0)	60.0 (0.1)	30.5 (0.1)	9.1 (0.1)	0.4 (0.0)	<b>-9.1</b> (0.1)	<b>9.3</b> (0.1)	<b>-0.2</b> (0.1)	<b>0.0</b> (0.0)		
	Mexico	43.9 (3.2)	15.3 (2.8)	16.7 (1.6)	24.0 (1.9)	22.1 (1.2)	13.8 (1.3)	17.7 (1.3)	46.4 (1.3)	<b>-21.8</b> (3.5)	-1.6 (3.1)	1.0 (2.1)	<b>22.3</b> (2.3)		
	Netherlands	52.4 (3.9)	35.6 (3.8)	8.0 (2.0)	4.0 (1.5)	40.8 (3.5)	48.6 (4.0)	10.6 (2.4)	0.0 c	<b>-11.6</b> (5.3)	<b>13.0</b> (5.5)	2.6 (3.1)	-4.0 c		
	New Zealand	0.2 (0.2)	10.6 (2.1)	63.2 (3.1)	26.0 (3.0)	0.1 (0.1)	13.1 (2.2)	61.1 (3.8)	25.7 (3.3)	-0.1 (0.2)	2.5 (3.1)	-2.1 (5.0)	-0.4 (4.5)		
	Norway	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c		
	Poland	0.0 c	8.1 (2.3)	45.9 (3.6)	46.0 (3.8)	0.1 (0.1)	12.6 (2.5)	46.4 (3.9)	41.0 (4.1)	0.1 c	4.5 (3.4)	0.5 (5.3)	-5.0 (5.6)		
	Portugal	32.2 (3.1)	29.8 (3.7)	20.2 (3.8)	17.9 (3.3)	45.6 (3.6)	29.1 (4.1)	12.6 (2.9)	12.7 (2.8)	<b>13.4</b> (4.7)	-0.7 (5.5)	-7.5 (4.8)	-5.1 (4.3)		
	Slovak Republic	1.7 (0.7)	5.5 (1.2)	14.1 (1.8)	78.6 (2.0)	6.8 (0.9)	16.3 (2.4)	19.1 (3.0)	57.8 (3.3)	<b>5.0</b> (1.1)	<b>10.8</b> (2.7)	5.0 (3.5)	<b>-20.8</b> (3.9)		
	Spain	47.4 (3.2)	36.8 (3.4)	8.3 (1.7)	7.4 (1.7)	57.6 (2.2)	34.5 (2.5)	4.8 (1.0)	3.2 (0.9)	<b>10.1</b> (3.9)	-2.4 (4.3)	-3.5 (2.0)	<b>-4.3</b> (1.9)		
	Sweden	1.0 (0.6)	5.5 (1.8)	48.0 (3.7)	45.5 (3.8)	1.1 (0.7)	7.3 (2.0)	44.2 (3.7)	47.5 (3.7)	0.1 (0.9)	1.8 (2.7)	-3.9 (5.2)	2.0 (5.3)		
Switzerland	25.9 (2.9)	46.2 (3.5)	13.5 (2.9)	14.4 (1.9)	26.5 (2.4)	36.3 (2.7)	17.0 (2.7)	20.2 (2.0)	0.6 (3.8)	<b>-9.8</b> (4.4)	3.4 (4.0)	<b>5.8</b> (2.8)			
Turkey	16.6 (3.1)	44.5 (4.1)	22.4 (3.3)	16.5 (3.3)	11.2 (2.6)	46.7 (3.5)	21.1 (3.2)	21.1 (3.2)	-5.5 (4.0)	2.2 (5.4)	-1.3 (4.6)	4.6 (4.6)			
United States	8.0 (1.6)	33.9 (3.0)	32.8 (3.2)	25.3 (2.5)	7.9 (2.9)	40.9 (4.6)	43.5 (4.7)	7.7 (2.1)	-0.1 (3.3)	7.0 (5.5)	10.7 (5.6)	<b>-17.6</b> (3.3)			
OECD average 2003	16.4 (0.4)	20.3 (0.5)	25.1 (0.6)	31.4 (0.5)	15.4 (0.3)	21.3 (0.5)	28.7 (0.6)	27.8 (0.5)	-1.0 (0.5)	1.0 (0.7)	<b>3.6</b> (0.8)	<b>-3.6</b> (0.8)			
Partners	Brazil	48.1 (3.0)	30.7 (2.8)	14.5 (2.5)	6.7 (1.8)	52.4 (2.6)	37.7 (2.7)	7.6 (1.3)	2.3 (1.1)	4.3 (4.0)	7.0 (3.8)	<b>-6.9</b> (2.9)	<b>-4.4</b> (2.1)		
	Hong Kong-China	7.7 (2.7)	61.8 (4.1)	29.9 (3.2)	0.6 (0.6)	9.8 (2.6)	59.0 (4.1)	25.5 (3.7)	5.7 (1.9)	2.1 (3.8)	-2.8 (5.8)	-4.4 (4.9)	<b>5.1</b> (2.0)		
	Indonesia	21.3 (3.0)	30.6 (3.8)	23.6 (2.9)	24.4 (2.6)	17.5 (2.9)	25.6 (3.6)	41.0 (3.8)	15.8 (2.4)	-3.8 (4.2)	-5.0 (5.2)	<b>17.4</b> (4.8)	<b>-8.6</b> (3.5)		
	Latvia	3.2 (1.3)	23.8 (4.0)	38.3 (3.9)	34.7 (4.0)	5.6 (1.5)	22.6 (3.1)	34.3 (3.4)	37.5 (2.9)	2.5 (2.0)	-1.2 (5.0)	-4.0 (5.2)	2.7 (4.9)		
	Liechtenstein	15.7 (0.4)	44.7 (0.5)	37.6 (0.4)	2.1 (0.0)	31.0 (0.9)	31.1 (1.3)	34.1 (0.4)	3.9 (0.6)	<b>15.3</b> (1.0)	<b>-13.6</b> (1.4)	<b>-3.5</b> (0.6)	<b>1.8</b> (0.6)		
	Macao-China	84.3 (0.1)	15.7 (0.1)	0.0 c	0.0 c	67.5 (0.0)	31.7 (0.0)	0.8 (0.0)	0.0 c	<b>-16.8</b> (0.1)	<b>16.0</b> (0.1)	0.8 c	0.0 c		
	Russian Federation	0.6 (0.6)	8.2 (1.9)	36.8 (3.4)	54.3 (3.2)	0.4 (0.3)	7.3 (2.2)	26.7 (2.9)	65.6 (2.9)	-0.3 (0.6)	-1.0 (2.9)	<b>-10.1</b> (4.5)	<b>11.3</b> (4.3)		
	Thailand	0.0 c	2.9 (1.2)	29.1 (3.6)	68.0 (3.7)	0.5 (0.4)	7.5 (1.9)	44.1 (3.9)	47.9 (3.6)	0.5 c	<b>4.7</b> (2.2)	<b>14.9</b> (5.3)	<b>-20.1</b> (5.1)		
	Tunisia	67.2 (1.7)	7.4 (2.2)	17.6 (3.0)	7.8 (2.4)	38.2 (3.1)	11.2 (2.5)	39.0 (3.8)	11.6 (2.6)	<b>-29.0</b> (3.6)	3.8 (3.4)	<b>21.4</b> (4.9)	3.8 (3.5)		
	Uruguay	35.5 (2.3)	16.9 (3.6)	31.1 (3.5)	16.4 (3.6)	48.6 (2.4)	18.8 (2.4)	10.5 (2.0)	22.0 (2.3)	<b>13.1</b> (3.3)	1.8 (4.3)	<b>-20.5</b> (4.0)	5.6 (4.3)		

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957441>

[Part 1/3]  
**Change between 2003 and 2012 in student grade level**  
*Results based on students' self-reports*

Table IV.2.20

	PISA 2003										
	Percentage of students at:						Percentage of students enrolled in:				
	Grades below the modal grade		The modal grade		Grades above the modal grade		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>	Australia	8.5	(0.4)	72.3	(0.7)	19.3	(0.7)	80.7	(0.7)	19.3	(0.7)
	Austria	48.5	(1.6)	51.5	(1.6)	0.0	c	5.6	(1.0)	94.4	(1.0)
	Belgium	33.7	(0.7)	65.5	(0.7)	0.8	(0.1)	4.4	(0.4)	95.6	(0.4)
	Canada	16.8	(0.6)	82.0	(0.6)	1.2	(0.1)	16.8	(0.6)	83.2	(0.6)
	Czech Republic	47.6	(1.1)	52.4	(1.1)	0.0	c	48.3	(1.2)	51.7	(1.2)
	Denmark	9.2	(0.6)	87.0	(0.8)	3.9	(0.7)	98.4	(0.4)	1.6	(0.4)
	Finland	12.7	(0.5)	87.3	(0.5)	0.0	c	100.0	c	0.0	c
	France	40.4	(1.1)	57.3	(1.1)	2.3	(0.3)	40.4	(1.1)	59.6	(1.1)
	Germany	16.7	(0.8)	59.9	(0.7)	23.4	(0.6)	98.3	(0.2)	1.7	(0.2)
	Greece	8.9	(1.3)	76.1	(1.4)	15.0	(0.9)	8.9	(1.3)	91.1	(1.3)
	Hungary	6.1	(0.5)	65.1	(0.7)	28.8	(0.6)	6.1	(0.5)	93.9	(0.5)
	Iceland	0.0	c	100.0	c	0.0	c	100.0	c	0.0	c
	Ireland	2.8	(0.3)	60.9	(1.3)	36.3	(1.4)	63.7	(1.4)	36.3	(1.4)
	Italy	15.8	(0.7)	80.0	(0.8)	4.3	(0.5)	1.6	(0.4)	98.4	(0.4)
	Japan	0.0	c	100.0	c	0.0	c	0.0	c	100.0	c
	Korea	1.6	(0.2)	98.3	(0.2)	0.1	(0.0)	1.6	(0.2)	98.4	(0.2)
	Luxembourg	14.9	(0.2)	55.8	(0.2)	29.4	(0.2)	70.6	(0.2)	29.4	(0.2)
	Mexico	55.3	(2.9)	43.7	(2.8)	1.0	(0.5)	56.3	(2.7)	43.7	(2.7)
	Netherlands	50.2	(1.3)	49.3	(1.3)	0.5	(0.1)	74.8	(1.2)	25.2	(1.2)
	New Zealand	6.9	(0.5)	89.4	(0.5)	3.8	(0.2)	6.9	(0.5)	93.1	(0.5)
	Norway	0.6	(0.1)	98.7	(0.3)	0.7	(0.2)	99.3	(0.2)	0.7	(0.2)
	Poland	3.8	(0.4)	95.7	(0.4)	0.5	(0.2)	99.5	(0.2)	0.5	(0.2)
	Portugal	35.1	(2.4)	64.3	(2.4)	0.6	(0.1)	35.1	(2.4)	64.9	(2.4)
	Slovak Republic	38.6	(1.5)	60.9	(1.5)	0.5	(0.2)	35.7	(1.5)	64.3	(1.5)
	Spain	30.2	(1.0)	69.7	(1.0)	0.0	(0.0)	100.0	(0.0)	0.0	(0.0)
	Sweden	2.4	(0.2)	93.0	(1.0)	4.6	(0.9)	95.5	(0.9)	4.5	(0.9)
Switzerland	17.7	(1.1)	62.8	(2.1)	19.6	(2.5)	82.9	(2.7)	17.1	(2.7)	
Turkey	8.4	(1.9)	52.1	(2.2)	39.4	(2.4)	5.2	(1.8)	94.8	(1.8)	
United States	32.4	(1.6)	60.6	(1.3)	7.0	(0.9)	32.4	(1.6)	67.6	(1.6)	
OECD average 2003	19.5	(0.2)	72.1	(0.2)	8.4	(0.2)	50.7	(0.2)	49.3	(0.2)	
<b>Partners</b>	Brazil	38.5	(2.6)	42.9	(1.9)	18.6	(1.1)	38.5	(2.6)	61.5	(2.6)
	Hong Kong-China	41.6	(1.0)	58.4	(1.0)	0.1	(0.0)	41.6	(1.0)	58.4	(1.0)
	Indonesia	15.1	(1.0)	48.8	(1.7)	36.1	(2.0)	63.9	(2.0)	36.1	(2.0)
	Latvia	17.8	(0.8)	76.0	(0.8)	6.2	(0.5)	93.8	(0.5)	6.2	(0.5)
	Liechtenstein	21.0	(0.9)	71.3	(0.9)	7.8	(0.2)	94.3	(0.2)	5.7	(0.2)
	Macao-China	38.2	(0.6)	36.8	(0.7)	25.0	(0.5)	75.0	(0.5)	25.0	(0.5)
	Russian Federation	31.7	(2.1)	67.2	(2.2)	1.1	(0.2)	31.7	(2.1)	68.3	(2.1)
	Thailand	45.3	(1.3)	53.3	(1.2)	1.4	(0.3)	45.3	(1.3)	54.7	(1.3)
	Tunisia	62.5	(1.4)	34.5	(1.4)	2.9	(0.2)	62.5	(1.4)	37.5	(1.4)
	Uruguay	33.6	(2.0)	59.4	(1.7)	7.1	(1.0)	33.6	(2.0)	66.4	(2.0)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957441>



[Part 2/3]  
**Change between 2003 and 2012 in student grade level**  
*Results based on students' self-reports*

Table IV.2.20


	PISA 2012									
	Percentage of students at:						Percentage of students enrolled in:			
	Grades below the modal grade		The modal grade		Grades above the modal grade		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>	<b>10.9</b>	(0.5)	<b>70.0</b>	(0.6)	<b>19.1</b>	(0.4)	<b>80.9</b>	(0.4)	<b>19.1</b>	(0.4)
Australia	49.0	(1.0)	51.0	(1.0)	0.1	(0.0)	5.6	(0.7)	94.4	(0.7)
Austria	38.2	(0.6)	60.8	(0.6)	1.0	(0.1)	10.3	(0.6)	89.7	(0.6)
Belgium	14.4	(0.6)	84.6	(0.6)	1.1	(0.1)	14.4	(0.6)	85.6	(0.6)
Canada	4.9	(0.5)	51.1	(1.2)	44.1	(1.3)	56.1	(1.2)	43.9	(1.2)
Czech Republic	18.3	(0.9)	80.6	(0.8)	1.0	(0.2)	99.5	(0.1)	0.5	(0.1)
Denmark	14.9	(0.4)	85.0	(0.4)	0.1	(0.1)	99.9	(0.1)	0.1	(0.1)
Finland	29.8	(0.7)	66.6	(0.7)	3.6	(0.3)	29.8	(0.7)	70.2	(0.7)
France	10.6	(0.6)	51.9	(0.8)	37.5	(0.9)	97.6	(0.8)	2.4	(0.8)
Germany	5.5	(1.0)	94.5	(1.0)	0.0	c	5.5	(1.0)	94.5	(1.0)
Greece	11.6	(0.9)	67.8	(0.9)	20.6	(0.6)	11.6	(0.9)	88.4	(0.9)
Hungary	0.0	c	100.0	c	0.0	c	100.0	c	0.0	c
Iceland	1.9	(0.2)	60.5	(0.8)	37.6	(0.8)	62.4	(0.8)	37.6	(0.8)
Ireland	18.9	(0.6)	78.5	(0.7)	2.6	(0.2)	2.1	(0.2)	97.9	(0.2)
Italy	0.0	c	100.0	c	0.0	c	0.0	c	100.0	c
Japan	5.9	(0.8)	93.8	(0.8)	0.2	(0.1)	5.9	(0.8)	94.1	(0.8)
Korea	10.9	(0.2)	50.7	(0.1)	38.5	(0.1)	60.0	(0.1)	40.0	(0.1)
Luxembourg	37.0	(1.1)	60.8	(1.1)	2.2	(0.3)	37.0	(1.1)	63.0	(1.1)
Mexico	3.6	(0.4)	46.7	(1.0)	49.7	(1.1)	70.3	(1.6)	29.7	(1.6)
Netherlands	6.3	(0.4)	88.3	(0.5)	5.4	(0.4)	6.3	(0.4)	93.7	(0.4)
Netherland	0.4	(0.1)	99.4	(0.1)	0.2	(0.0)	99.8	(0.0)	0.2	(0.0)
New Zealand	4.6	(0.4)	94.9	(0.4)	0.5	(0.2)	99.5	(0.2)	0.5	(0.2)
Norway	39.2	(2.1)	60.5	(2.1)	0.3	(0.1)	44.9	(2.3)	55.1	(2.3)
Poland	45.7	(1.4)	52.7	(1.4)	1.6	(0.5)	45.2	(1.4)	54.8	(1.4)
Portugal	34.0	(0.6)	66.0	(0.6)	0.0	(0.0)	100.0	(0.0)	0.0	(0.0)
Slovak Republic	3.7	(0.3)	94.0	(0.6)	2.2	(0.5)	97.8	(0.6)	2.2	(0.6)
Slovenia	13.5	(0.8)	60.6	(1.0)	25.9	(1.0)	76.8	(1.2)	23.2	(1.2)
Spain	30.3	(1.2)	65.5	(1.2)	4.3	(0.3)	2.7	(0.4)	97.3	(0.4)
Sweden	12.0	(1.1)	71.2	(1.1)	16.8	(0.8)	12.0	(1.1)	88.0	(1.1)
Switzerland	16.4	(0.2)	72.7	(0.2)	10.9	(0.1)	49.4	(0.2)	50.6	(0.2)
Turkey										
United States										
OECD average 2003										
<b>Partners</b>	<b>20.4</b>	(1.1)	<b>34.9</b>	(1.0)	<b>44.6</b>	(1.0)	<b>20.4</b>	(1.1)	<b>79.6</b>	(1.1)
Brazil	33.5	(1.0)	65.0	(0.9)	1.5	(1.4)	33.5	(1.0)	66.5	(1.0)
Hong Kong-China	47.9	(3.3)	47.7	(3.0)	4.4	(0.8)	47.9	(3.3)	52.1	(3.3)
Indonesia	16.9	(0.8)	80.0	(0.8)	3.0	(0.4)	96.1	(0.7)	3.9	(0.7)
Latvia	19.0	(1.4)	66.3	(1.3)	14.6	(0.2)	88.2	(0.2)	11.8	(0.2)
Liechtenstein	21.7	(0.1)	33.2	(0.2)	45.1	(0.1)	54.9	(0.1)	45.1	(0.1)
Macao-China	8.7	(0.5)	73.8	(1.6)	17.5	(1.8)	82.5	(1.8)	17.5	(1.8)
Russian Federation	21.1	(1.0)	76.0	(1.1)	2.9	(0.5)	21.1	(1.0)	78.9	(1.0)
Thailand	37.4	(3.0)	56.7	(2.7)	5.9	(0.5)	37.4	(3.0)	62.6	(3.0)
Tunisia	41.4	(1.5)	57.3	(1.5)	1.3	(0.2)	41.4	(1.5)	58.6	(1.5)
Uruguay										

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 3/3]  
**Change between 2003 and 2012 in student grade level**  
*Results based on students' self-reports*

Table IV.2.20

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)									
		Percentage of students at:						Percentage of students enrolled in:			
		Grades below the modal grade		The modal grade		Grades above the modal grade		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	Australia	<b>2.4</b>	(0.7)	<b>-2.3</b>	(0.9)	-0.1	(0.8)	0.2	(0.8)	-0.2	(0.8)
	Austria	0.4	(1.9)	-0.5	(1.9)	0.1	c	0.0	(1.3)	0.0	(1.3)
	Belgium	<b>4.5</b>	(0.9)	<b>-4.7</b>	(0.9)	0.2	(0.2)	<b>5.9</b>	(0.8)	<b>-5.9</b>	(0.8)
	Canada	<b>-2.4</b>	(0.8)	<b>2.5</b>	(0.8)	-0.1	(0.2)	<b>-2.4</b>	(0.8)	<b>2.4</b>	(0.8)
	Czech Republic	<b>-42.8</b>	(1.2)	-1.3	(1.7)	44.1	c	<b>7.9</b>	(1.7)	<b>-7.9</b>	(1.7)
	Denmark	<b>9.2</b>	(1.0)	<b>-6.3</b>	(1.2)	<b>-2.8</b>	(0.7)	<b>1.1</b>	(0.5)	<b>-1.1</b>	(0.5)
	Finland	<b>2.2</b>	(0.7)	<b>-2.3</b>	(0.7)	0.1	c	-0.1	c	0.1	c
	France	<b>-10.6</b>	(1.4)	<b>9.3</b>	(1.3)	<b>1.3</b>	(0.4)	<b>-10.6</b>	(1.4)	<b>10.6</b>	(1.4)
	Germany	<b>-6.1</b>	(1.0)	<b>-8.0</b>	(1.1)	<b>14.1</b>	(1.1)	-0.7	(0.8)	0.7	(0.8)
	Greece	<b>-3.4</b>	(1.6)	<b>18.4</b>	(1.7)	-15.0	c	<b>-3.4</b>	(1.6)	<b>3.4</b>	(1.6)
	Hungary	<b>5.5</b>	(1.1)	<b>2.7</b>	(1.1)	<b>-8.1</b>	(0.9)	<b>5.5</b>	(1.1)	<b>-5.5</b>	(1.1)
	Iceland	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Ireland	<b>-0.9</b>	(0.4)	-0.4	(1.5)	1.3	(1.6)	-1.3	(1.6)	1.3	(1.6)
	Italy	<b>3.1</b>	(0.9)	-1.4	(1.1)	<b>-1.7</b>	(0.5)	0.5	(0.5)	-0.5	(0.5)
	Japan	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
	Korea	<b>4.4</b>	(0.9)	<b>-4.5</b>	(0.9)	0.1	(0.1)	<b>4.4</b>	(0.9)	<b>-4.4</b>	(0.9)
	Luxembourg	<b>-4.0</b>	(0.3)	<b>-5.1</b>	(0.3)	<b>9.1</b>	(0.2)	<b>-10.6</b>	(0.2)	<b>10.6</b>	(0.2)
	Mexico	<b>-18.3</b>	(3.1)	<b>17.1</b>	(3.0)	1.2	(0.6)	<b>-19.2</b>	(2.9)	<b>19.2</b>	(2.9)
	Netherlands	<b>-46.6</b>	(1.4)	-2.6	(1.6)	<b>49.2</b>	(1.1)	<b>-4.5</b>	(2.0)	<b>4.5</b>	(2.0)
	New Zealand	-0.5	(0.6)	-1.1	(0.7)	<b>1.6</b>	(0.5)	-0.5	(0.6)	0.5	(0.6)
	Norway	-0.2	(0.2)	<b>0.7</b>	(0.3)	<b>-0.5</b>	(0.2)	<b>0.5</b>	(0.2)	<b>-0.5</b>	(0.2)
	Poland	0.8	(0.6)	-0.8	(0.6)	0.0	(0.3)	0.0	(0.3)	0.0	(0.3)
	Portugal	4.2	(3.2)	-3.9	(3.2)	<b>-0.3</b>	(0.1)	<b>9.8</b>	(3.3)	<b>-9.8</b>	(3.3)
	Slovak Republic	7.1	(2.1)	<b>-8.2</b>	(2.1)	<b>1.2</b>	(0.5)	<b>9.5</b>	(2.0)	<b>-9.5</b>	(2.0)
	Spain	3.7	(1.2)	<b>-3.8</b>	(1.2)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)
	Sweden	1.3	(0.4)	1.1	(1.2)	<b>-2.4</b>	(1.1)	<b>2.3</b>	(1.1)	<b>-2.3</b>	(1.1)
Switzerland	<b>-4.2</b>	(1.3)	-2.2	(2.3)	<b>6.3</b>	(2.7)	<b>-6.1</b>	(3.0)	<b>6.1</b>	(3.0)	
Turkey	<b>21.8</b>	(2.2)	<b>13.4</b>	(2.5)	<b>-35.2</b>	(2.4)	-2.6	(1.9)	2.6	(1.9)	
United States	<b>-20.4</b>	(1.9)	<b>10.6</b>	(1.7)	<b>9.8</b>	(1.2)	<b>-20.4</b>	(1.9)	<b>20.4</b>	(1.9)	
OECD average 2003	<b>-3.1</b>	(0.3)	0.6	(0.3)	<b>2.5</b>	(0.2)	<b>-1.2</b>	(0.3)	<b>1.2</b>	(0.3)	
Partners	Brazil	<b>-18.1</b>	(2.8)	<b>-8.0</b>	(2.1)	<b>26.1</b>	(1.5)	<b>-18.1</b>	(2.8)	<b>18.1</b>	(2.8)
	Hong Kong-China	<b>-8.1</b>	(1.4)	<b>6.6</b>	(1.3)	1.4	(1.4)	<b>-8.1</b>	(1.4)	<b>8.1</b>	(1.4)
	Indonesia	<b>32.8</b>	(3.4)	-1.1	(3.5)	<b>-31.7</b>	(2.2)	<b>-16.0</b>	(3.9)	<b>16.0</b>	(3.9)
	Latvia	-0.9	(1.1)	<b>4.1</b>	(1.2)	<b>-3.2</b>	(0.7)	<b>2.3</b>	(0.9)	<b>-2.3</b>	(0.9)
	Liechtenstein	-1.9	(1.7)	<b>-5.0</b>	(1.6)	<b>6.9</b>	(0.3)	<b>-6.1</b>	(0.3)	<b>6.1</b>	(0.3)
	Macao-China	<b>-16.4</b>	(0.6)	<b>-3.6</b>	(0.8)	<b>20.1</b>	(0.5)	<b>-20.1</b>	(0.5)	<b>20.1</b>	(0.5)
	Russian Federation	<b>-23.0</b>	(2.2)	<b>6.5</b>	(2.7)	<b>16.4</b>	(1.8)	<b>50.8</b>	(2.8)	<b>-50.8</b>	(2.8)
	Thailand	<b>-24.2</b>	(1.6)	<b>22.7</b>	(1.7)	<b>1.5</b>	(0.5)	<b>-24.2</b>	(1.6)	<b>24.2</b>	(1.6)
	Tunisia	<b>-25.2</b>	(3.3)	<b>22.2</b>	(3.0)	<b>3.0</b>	(0.5)	<b>-25.2</b>	(3.3)	<b>25.2</b>	(3.3)
	Uruguay	<b>7.8</b>	(2.5)	-2.0	(2.3)	<b>-5.8</b>	(1.0)	<b>7.8</b>	(2.5)	<b>-7.8</b>	(2.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957441>



[Part 1/6]

**Change between 2003 and 2012 in ability grouping for mathematics classes**Table IV.2.21 *Results based on school principals' reports*

		PISA 2003																	
		Percentage of students in schools whose principal reported:																	
		Mathematics classes study similar content, but at different levels of difficulty						Different classes study different content or sets of mathematics topics that have different levels of difficulty						Students are grouped by ability within their mathematics classes					
		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	32.2	(3.1)	56.8	(2.9)	11.0	(2.0)	22.9	(2.8)	60.4	(3.2)	16.7	(2.6)	49.6	(3.1)	34.4	(2.9)	16.1	(2.3)
	Austria	16.3	(1.9)	13.7	(2.7)	70.1	(2.1)	a	a	a	a	a	a	7.7	(2.0)	19.7	(3.0)	72.5	(2.7)
	Belgium	4.4	(1.3)	46.8	(3.1)	48.8	(3.0)	16.8	(1.8)	44.1	(2.9)	39.1	(3.1)	2.1	(0.7)	16.7	(2.5)	81.1	(2.5)
	Canada	26.6	(2.2)	54.4	(2.2)	19.1	(2.0)	33.4	(1.9)	52.5	(2.1)	14.0	(1.6)	18.4	(2.0)	34.6	(2.4)	47.0	(2.5)
	Czech Republic	7.6	(1.7)	17.6	(2.5)	74.7	(2.8)	8.7	(2.3)	23.7	(3.1)	67.6	(3.5)	13.1	(2.2)	28.8	(3.2)	58.2	(3.1)
	Denmark	23.0	(3.4)	23.3	(3.7)	53.7	(4.1)	14.7	(2.8)	23.6	(3.5)	61.8	(3.3)	5.4	(1.8)	15.2	(2.8)	79.3	(2.9)
	Finland	10.9	(2.2)	27.6	(3.7)	61.5	(3.8)	1.4	(0.9)	32.7	(3.5)	66.0	(3.5)	7.0	(2.0)	36.2	(3.9)	56.8	(4.3)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	24.2	(2.9)	18.2	(2.8)	57.5	(3.2)	12.2	(2.5)	16.6	(2.6)	71.2	(2.9)	11.2	(2.3)	34.6	(3.6)	54.2	(3.5)
	Greece	6.2	(3.0)	12.8	(3.6)	80.9	(3.5)	0.0	c	4.7	(2.2)	95.3	(2.2)	0.6	(0.5)	1.3	(1.1)	98.1	(1.3)
	Hungary	19.3	(3.5)	37.3	(4.0)	43.4	(4.0)	5.7	(2.0)	24.1	(3.4)	70.1	(3.7)	15.2	(2.9)	38.9	(4.2)	45.9	(4.3)
	Iceland	52.7	(0.2)	19.2	(0.1)	28.2	(0.2)	22.9	(0.1)	34.7	(0.2)	42.4	(0.2)	23.3	(0.1)	46.4	(0.2)	30.4	(0.2)
	Ireland	60.9	(4.4)	34.4	(4.4)	4.7	(1.9)	27.0	(4.0)	45.8	(4.3)	27.1	(4.0)	49.3	(4.2)	28.1	(4.2)	22.6	(3.7)
	Italy	21.5	(2.7)	34.0	(3.5)	44.5	(3.1)	9.8	(2.2)	45.6	(3.4)	44.6	(3.6)	2.7	(1.4)	21.4	(3.2)	75.8	(3.5)
	Japan	13.7	(2.6)	29.8	(3.8)	56.6	(4.4)	3.4	(1.5)	23.9	(3.3)	72.7	(3.5)	13.8	(2.7)	22.4	(3.5)	63.7	(4.2)
	Korea	10.9	(2.8)	60.2	(4.5)	28.9	(3.8)	2.3	(1.3)	55.0	(4.1)	42.7	(4.0)	5.9	(1.9)	64.6	(3.9)	29.5	(3.8)
	Luxembourg	4.3	(0.0)	41.8	(0.1)	54.0	(0.1)	19.0	(0.0)	41.3	(0.1)	39.7	(0.1)	0.0	c	6.9	(0.0)	93.1	(0.0)
	Mexico	15.6	(2.4)	56.3	(3.7)	28.0	(3.3)	13.5	(1.8)	57.2	(3.3)	29.3	(3.0)	8.1	(1.7)	40.5	(3.5)	51.4	(3.3)
	Netherlands	34.8	(4.4)	42.4	(4.2)	22.7	(3.6)	39.7	(4.2)	38.7	(4.1)	21.6	(3.8)	11.5	(2.5)	44.8	(4.4)	43.8	(4.7)
	New Zealand	37.0	(3.5)	59.8	(3.4)	3.2	(1.2)	14.6	(2.4)	76.8	(3.0)	8.7	(2.1)	19.3	(2.9)	66.1	(3.4)	14.6	(2.5)
	Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	41.9	(3.8)	38.2	(3.9)	20.0	(3.2)	1.0	(0.7)	21.1	(3.1)	78.0	(3.2)	3.5	(1.5)	17.7	(3.1)	78.9	(3.4)
	Portugal	32.3	(4.1)	39.5	(4.3)	28.2	(4.3)	0.7	(0.5)	9.8	(2.2)	89.5	(2.2)	0.5	(0.5)	13.8	(2.8)	85.8	(2.9)
	Slovak Republic	44.2	(3.7)	25.8	(3.1)	30.0	(3.4)	11.8	(2.9)	21.7	(2.6)	66.5	(3.5)	8.0	(1.6)	26.8	(3.5)	65.2	(3.4)
	Spain	33.3	(3.6)	58.3	(3.5)	8.4	(2.4)	6.9	(1.8)	50.5	(3.9)	42.5	(3.9)	8.3	(1.4)	33.7	(3.2)	58.1	(3.1)
	Sweden	50.7	(3.9)	39.6	(3.9)	9.7	(2.2)	12.4	(2.6)	45.2	(4.0)	42.4	(3.7)	22.3	(3.4)	44.8	(3.5)	33.0	(3.6)
Switzerland	19.9	(2.3)	46.6	(4.1)	33.5	(3.9)	20.7	(3.3)	34.9	(3.9)	44.4	(3.6)	13.9	(2.6)	27.5	(3.6)	58.6	(3.3)	
Turkey	33.2	(4.4)	41.9	(4.7)	24.9	(3.6)	23.5	(4.0)	39.9	(4.1)	36.6	(4.2)	8.0	(2.7)	16.9	(3.6)	75.1	(4.3)	
United States	25.4	(3.0)	65.5	(3.3)	9.1	(2.0)	31.4	(3.2)	56.2	(3.3)	12.4	(2.3)	21.9	(3.3)	45.7	(3.6)	32.4	(3.1)	
OECD average 2003	26.0	(0.6)	38.6	(0.7)	35.4	(0.6)	14.5	(0.5)	37.7	(0.6)	47.8	(0.6)	13.0	(0.4)	30.7	(0.6)	56.3	(0.6)	
Partners	Brazil	44.3	(3.5)	28.7	(3.3)	27.0	(3.4)	29.8	(3.3)	27.4	(3.7)	42.8	(3.7)	5.8	(1.7)	8.9	(2.4)	85.3	(2.6)
	Hong Kong-China	15.9	(3.2)	70.3	(4.0)	13.8	(3.2)	14.1	(2.9)	54.7	(4.3)	31.2	(4.1)	3.7	(1.6)	32.0	(3.9)	64.4	(3.9)
	Indonesia	46.9	(3.1)	24.4	(3.5)	28.7	(3.3)	31.0	(3.3)	17.8	(2.8)	51.2	(3.7)	9.3	(2.3)	12.3	(2.1)	78.4	(3.1)
	Latvia	34.3	(4.9)	52.4	(5.1)	13.3	(3.3)	13.1	(3.2)	47.0	(4.8)	39.8	(4.7)	5.1	(1.8)	71.2	(3.3)	23.7	(3.1)
	Liechtenstein	21.6	(0.5)	37.0	(0.4)	41.4	(0.4)	11.2	(0.5)	70.4	(0.5)	18.3	(0.2)	25.4	(0.5)	35.8	(0.4)	38.8	(0.4)
	Macao-China	7.2	(0.0)	40.6	(0.2)	52.2	(0.2)	17.9	(0.2)	32.2	(0.2)	49.9	(0.2)	0.0	c	12.7	(0.2)	87.3	(0.2)
	Russian Federation	33.4	(3.4)	56.1	(3.9)	10.6	(2.6)	24.7	(3.4)	40.5	(3.8)	34.8	(4.1)	8.3	(2.1)	71.4	(4.1)	20.3	(4.0)
	Thailand	27.6	(3.8)	41.9	(4.0)	30.5	(4.2)	36.6	(4.6)	34.1	(4.1)	29.3	(4.0)	13.2	(2.6)	43.5	(3.6)	43.3	(3.6)
	Tunisia	36.1	(3.9)	11.4	(2.3)	52.5	(3.9)	17.7	(3.6)	12.7	(2.7)	69.6	(4.1)	6.3	(2.0)	11.1	(2.8)	82.6	(3.1)
	Uruguay	13.3	(2.5)	56.9	(4.1)	29.8	(4.3)	7.6	(1.8)	35.6	(4.6)	56.9	(4.5)	0.0	c	11.9	(2.5)	88.1	(2.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink <http://dx.doi.org/10.1787/888932957441>

[Part 2/6]


**Change between 2003 and 2012 in ability grouping for mathematics classes**  
*Results based on school principals' reports*

Table IV.2.21

		PISA 2003											
		Percentage of students in schools whose principal reported:											
		In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)											
		For all classes		For some classes		Not for any classes		No ability grouping for any class		One form of grouping for some classes		One form of grouping for all classes	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD	Australia	18.1	(2.5)	44.5	(3.0)	37.4	(3.0)	3.1	(1.1)	50.0	(3.5)	46.8	(3.5)
	Austria	23.7	(3.2)	40.0	(3.2)	36.3	(3.8)	70.1	(2.1)	13.7	(2.7)	16.3	(1.9)
	Belgium	50.2	(3.2)	31.3	(3.1)	18.5	(2.1)	29.2	(2.9)	51.5	(3.2)	19.2	(1.9)
	Canada	37.0	(2.2)	38.8	(2.1)	24.2	(2.1)	2.6	(0.5)	48.8	(1.9)	48.6	(2.0)
	Czech Republic	53.4	(3.5)	30.7	(3.0)	15.8	(2.4)	58.9	(3.2)	27.1	(2.9)	14.1	(2.5)
	Denmark	73.8	(3.1)	18.2	(3.1)	8.0	(1.6)	42.7	(3.7)	24.6	(3.7)	32.7	(3.8)
	Finland	39.9	(3.9)	45.7	(4.3)	14.4	(2.9)	47.5	(4.0)	41.0	(4.0)	11.5	(2.3)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	35.2	(3.6)	17.0	(2.4)	47.8	(3.6)	53.6	(3.0)	20.0	(2.9)	26.4	(3.3)
	Greece	62.0	(4.7)	12.6	(3.9)	25.4	(4.1)	77.9	(3.7)	15.9	(3.9)	6.2	(3.0)
	Hungary	49.2	(4.4)	38.6	(4.0)	12.1	(2.5)	40.8	(4.0)	38.6	(3.9)	20.6	(3.6)
	Iceland	47.9	(0.2)	39.2	(0.2)	12.9	(0.1)	20.0	(0.2)	22.7	(0.2)	57.3	(0.2)
	Ireland	27.1	(4.2)	42.7	(4.6)	30.3	(4.1)	3.2	(1.5)	34.4	(4.4)	62.5	(4.4)
	Italy	39.1	(3.3)	37.3	(3.6)	23.7	(2.8)	32.8	(2.9)	42.6	(3.4)	24.7	(2.9)
	Japan	19.6	(3.5)	18.7	(3.3)	61.7	(3.9)	54.6	(4.2)	31.8	(3.6)	13.5	(2.6)
	Korea	14.9	(2.7)	69.4	(4.0)	15.7	(3.1)	26.1	(3.6)	63.1	(4.3)	10.9	(2.8)
	Luxembourg	46.2	(0.1)	34.0	(0.1)	19.7	(0.0)	38.8	(0.1)	38.3	(0.1)	22.9	(0.0)
	Mexico	32.1	(3.4)	41.5	(3.3)	26.4	(3.2)	18.0	(2.5)	60.9	(3.5)	21.1	(2.6)
	Netherlands	29.7	(4.1)	39.1	(4.4)	31.2	(4.0)	8.4	(2.5)	30.9	(4.0)	60.7	(4.3)
	New Zealand	23.5	(2.9)	57.5	(3.5)	19.0	(2.9)	0.6	(0.6)	55.6	(3.5)	43.7	(3.6)
	Norway	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	73.3	(3.3)	18.9	(3.0)	7.8	(2.2)	18.8	(3.1)	38.8	(3.9)	42.4	(3.8)
	Portugal	67.5	(4.2)	16.9	(3.0)	15.6	(3.1)	28.2	(4.3)	38.8	(4.3)	33.0	(4.1)
	Slovak Republic	53.3	(3.5)	22.5	(3.2)	24.3	(2.8)	25.6	(3.3)	25.4	(2.7)	48.9	(3.7)
	Spain	51.0	(3.6)	32.7	(3.1)	16.3	(2.9)	5.4	(2.0)	57.2	(3.8)	37.4	(3.7)
	Sweden	34.0	(4.0)	45.2	(3.7)	20.8	(3.1)	6.3	(1.8)	38.8	(4.0)	55.0	(3.9)
	Switzerland	42.2	(3.8)	28.9	(3.8)	28.9	(3.5)	19.5	(2.7)	45.7	(4.2)	34.8	(3.2)
Turkey	12.4	(3.0)	27.5	(4.2)	60.1	(5.1)	20.3	(3.3)	40.2	(5.0)	39.5	(4.7)	
United States	14.2	(2.3)	46.6	(3.8)	39.2	(3.8)	2.6	(1.0)	56.4	(3.4)	41.0	(3.3)	
OECD average 2003	39.6	(0.6)	34.7	(0.7)	25.7	(0.6)	28.0	(0.5)	39.0	(0.7)	33.0	(0.6)	
Partners	Brazil	30.4	(3.2)	16.5	(3.0)	53.1	(3.7)	21.6	(2.8)	26.5	(3.1)	51.9	(3.3)
	Hong Kong-China	34.5	(3.9)	47.1	(4.5)	18.4	(3.1)	13.1	(3.1)	66.4	(4.2)	20.5	(3.5)
	Indonesia	76.3	(3.3)	10.0	(2.3)	13.8	(2.7)	26.3	(3.1)	17.5	(2.8)	56.3	(3.6)
	Latvia	43.7	(4.4)	52.1	(4.3)	4.2	(1.7)	8.5	(2.6)	53.1	(5.1)	38.4	(5.1)
	Liechtenstein	33.1	(0.4)	33.7	(0.4)	33.1	(0.5)	7.7	(0.1)	70.7	(0.5)	21.6	(0.5)
	Macao-China	63.4	(0.2)	17.2	(0.2)	19.4	(0.2)	43.3	(0.2)	31.7	(0.2)	25.0	(0.2)
	Russian Federation	43.1	(4.3)	53.6	(4.6)	3.3	(1.6)	8.3	(2.4)	47.8	(3.7)	43.9	(3.3)
	Thailand	35.5	(3.6)	48.6	(3.8)	16.0	(2.7)	19.1	(3.2)	36.5	(4.0)	44.4	(4.3)
	Tunisia	63.6	(4.3)	7.9	(2.4)	28.5	(3.8)	44.3	(4.1)	10.6	(2.2)	45.2	(4.0)
	Uruguay	44.3	(3.6)	44.2	(3.6)	11.5	(2.4)	24.2	(4.1)	59.3	(4.7)	16.5	(2.6)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

StatLink  <http://dx.doi.org/10.1787/888932957441>





[Part 3/6]

**Change between 2003 and 2012 in ability grouping for mathematics classes**Table IV.2.21 *Results based on school principals' reports*

		PISA 2012																		
		Percentage of students in schools whose principal reported:																		
		Mathematics classes study similar content, but at different levels of difficulty						Different classes study different content or sets of mathematics topics that have different levels of difficulty						Students are grouped by ability within their mathematics classes						
		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes		
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	Australia	37.6	(1.8)	56.3	(1.9)	6.2	(1.1)	26.4	(1.4)	60.1	(1.7)	13.5	(1.3)	43.6	(1.7)	45.4	(1.8)	10.9	(1.1)	
	Austria	13.4	(1.8)	14.7	(2.3)	71.9	(2.3)	a	a	a	a	a	a	7.3	(1.4)	29.2	(3.7)	63.5	(3.8)	
	Belgium	12.0	(2.1)	56.0	(3.3)	32.0	(3.2)	14.2	(2.1)	56.6	(3.4)	29.2	(3.1)	3.8	(0.9)	18.4	(2.5)	77.8	(2.5)	
	Canada	24.2	(2.5)	57.7	(2.4)	18.2	(1.8)	30.4	(2.2)	49.6	(2.5)	20.0	(1.9)	19.9	(1.9)	44.5	(2.3)	35.6	(2.4)	
	Czech Republic	9.5	(2.7)	18.5	(2.9)	72.1	(3.5)	3.0	(1.1)	22.8	(3.3)	74.2	(3.4)	7.8	(1.7)	31.4	(3.5)	60.8	(3.3)	
	Denmark	12.8	(2.6)	52.6	(4.0)	34.6	(3.7)	6.4	(1.7)	54.7	(3.5)	38.8	(3.5)	5.0	(1.5)	34.3	(3.9)	60.7	(3.7)	
	Finland	14.5	(2.4)	34.8	(3.3)	50.7	(3.2)	6.5	(1.4)	45.4	(3.5)	48.2	(3.6)	7.4	(1.8)	41.0	(3.0)	51.6	(3.1)	
	France	18.8	(2.9)	30.7	(3.2)	50.5	(3.6)	11.3	(2.2)	20.4	(2.8)	68.3	(3.1)	5.7	(1.3)	24.1	(3.0)	70.2	(3.3)	
	Germany	32.8	(2.8)	28.9	(3.4)	38.4	(3.3)	11.1	(2.3)	26.6	(3.3)	62.4	(3.6)	19.6	(2.4)	31.5	(3.4)	48.9	(3.5)	
	Greece	6.6	(1.7)	11.3	(3.0)	82.1	(3.1)	0.6	(0.6)	1.5	(0.9)	97.9	(1.1)	1.4	(0.8)	1.8	(1.1)	96.8	(1.3)	
	Hungary	44.7	(3.8)	28.7	(3.6)	26.6	(3.5)	6.5	(1.9)	28.7	(4.1)	64.8	(4.1)	10.8	(2.6)	33.3	(3.4)	55.8	(3.9)	
	Iceland	21.4	(0.2)	34.5	(0.3)	44.1	(0.2)	37.8	(0.3)	43.6	(0.3)	18.6	(0.2)	18.3	(0.2)	64.1	(0.2)	17.6	(0.2)	
	Ireland	50.4	(4.0)	47.2	(4.0)	2.4	(1.3)	23.6	(3.5)	51.7	(3.9)	24.7	(3.4)	53.8	(3.9)	36.3	(3.9)	9.9	(2.5)	
	Italy	23.4	(1.9)	46.1	(2.3)	30.4	(1.9)	9.0	(1.4)	50.6	(2.3)	40.4	(2.1)	2.6	(0.6)	29.1	(1.9)	68.3	(2.0)	
	Japan	17.5	(2.8)	43.3	(3.6)	39.2	(3.7)	3.1	(1.3)	27.8	(3.3)	69.1	(3.1)	16.6	(2.6)	29.5	(3.5)	53.9	(3.5)	
	Korea	38.1	(4.0)	50.7	(3.9)	11.2	(2.5)	12.4	(2.8)	51.2	(4.0)	36.4	(4.1)	10.9	(2.7)	61.6	(4.0)	27.5	(3.7)	
	Luxembourg	17.2	(0.1)	44.2	(0.1)	38.6	(0.1)	13.4	(0.1)	40.8	(0.1)	45.8	(0.1)	1.2	(0.0)	33.6	(0.1)	65.2	(0.1)	
	Mexico	35.2	(1.7)	34.6	(1.8)	30.2	(1.7)	24.3	(1.8)	28.3	(2.4)	47.4	(2.0)	18.9	(1.8)	40.5	(1.9)	40.5	(2.0)	
	Netherlands	35.4	(5.1)	47.2	(4.9)	17.4	(2.9)	31.5	(3.8)	48.4	(3.9)	20.1	(3.0)	10.7	(2.8)	50.9	(4.6)	38.4	(4.0)	
	New Zealand	24.7	(4.0)	71.4	(4.1)	3.9	(1.4)	22.7	(2.9)	73.8	(3.0)	3.5	(1.3)	34.8	(4.3)	57.3	(4.4)	8.0	(2.2)	
	Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	38.1	(4.4)	16.2	(3.2)	45.7	(4.2)	2.2	(1.1)	17.4	(3.4)	80.5	(3.5)	3.2	(1.4)	13.9	(3.2)	83.0	(3.3)	
	Portugal	21.1	(3.7)	37.2	(3.8)	41.7	(4.0)	5.1	(1.9)	30.0	(3.6)	64.9	(4.0)	0.3	(0.3)	27.2	(3.5)	72.4	(3.5)	
	Slovak Republic	29.8	(3.0)	36.3	(3.4)	33.8	(3.2)	6.6	(1.2)	29.3	(3.5)	64.1	(3.8)	7.9	(1.7)	24.8	(3.6)	67.3	(3.6)	
	Spain	39.4	(2.7)	46.4	(3.2)	14.2	(2.1)	17.7	(2.5)	46.2	(3.2)	36.1	(2.9)	7.3	(1.4)	20.0	(2.3)	72.7	(2.5)	
	Sweden	53.2	(3.2)	27.8	(3.4)	19.0	(2.9)	10.5	(2.4)	34.5	(3.5)	54.9	(3.6)	9.2	(2.0)	36.0	(3.3)	54.7	(3.5)	
Switzerland	35.0	(2.8)	38.9	(3.5)	26.1	(3.0)	15.4	(2.3)	46.5	(3.4)	38.1	(3.1)	19.2	(2.7)	33.6	(2.6)	47.2	(3.4)		
Turkey	29.0	(3.9)	44.7	(4.1)	26.3	(3.2)	11.8	(2.6)	33.1	(3.7)	55.1	(4.1)	4.0	(1.5)	11.7	(2.5)	84.3	(3.1)		
United States	21.3	(3.6)	66.4	(4.7)	12.3	(3.5)	18.6	(2.7)	66.4	(4.0)	15.0	(3.6)	12.9	(2.7)	66.1	(4.3)	21.0	(4.1)		
OECD average 2003	27.3	(0.6)	40.5	(0.6)	32.2	(0.5)	14.3	(0.4)	41.0	(0.6)	44.8	(0.6)	13.3	(0.4)	35.1	(0.6)	51.6	(0.6)		
Partners	Brazil	48.3	(2.6)	30.0	(2.3)	21.7	(2.4)	22.0	(2.5)	24.8	(2.4)	53.2	(3.0)	4.9	(1.2)	13.4	(2.0)	81.7	(2.1)	
	Hong Kong-China	28.5	(3.9)	61.2	(4.4)	10.3	(2.4)	16.3	(3.0)	58.0	(4.0)	25.7	(3.9)	5.4	(1.7)	37.5	(4.1)	57.1	(4.3)	
	Indonesia	45.0	(3.6)	24.8	(3.6)	30.2	(3.6)	23.5	(3.6)	36.3	(3.8)	40.2	(3.5)	13.1	(2.5)	14.7	(2.7)	72.2	(3.3)	
	Latvia	31.8	(3.3)	49.6	(3.8)	18.7	(3.1)	9.7	(2.3)	41.9	(4.1)	48.4	(3.6)	6.2	(2.0)	59.4	(3.4)	34.3	(3.3)	
	Liechtenstein	39.0	(1.2)	20.8	(1.3)	40.1	(0.7)	10.6	(0.6)	19.4	(1.3)	70.1	(1.2)	50.5	(0.8)	14.5	(0.9)	35.1	(0.9)	
	Macao-China	10.8	(0.0)	55.3	(0.0)	33.9	(0.0)	11.6	(0.0)	50.1	(0.1)	38.3	(0.1)	1.1	(0.0)	36.7	(0.1)	62.2	(0.1)	
	Russian Federation	48.4	(3.6)	46.4	(3.6)	5.2	(1.5)	14.5	(2.0)	21.3	(2.5)	64.2	(3.0)	5.2	(1.9)	79.2	(3.0)	15.5	(2.3)	
	Thailand	5.4	(1.9)	68.3	(3.3)	26.4	(3.3)	0.0	c	57.1	(3.4)	42.9	(3.4)	0.7	(0.7)	50.3	(3.8)	49.0	(3.8)	
	Tunisia	40.6	(4.2)	36.0	(4.1)	23.5	(3.3)	28.9	(4.0)	32.6	(4.3)	38.6	(4.3)	4.8	(1.8)	11.0	(2.4)	84.2	(3.0)	
	Uruguay	25.0	(3.2)	64.1	(3.5)	10.9	(2.4)	16.1	(2.8)	58.6	(3.7)	25.3	(3.4)	1.4	(1.0)	8.1	(2.1)	90.5	(2.1)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink <http://dx.doi.org/10.1787/888932957441>


[Part 4/6]

**Change between 2003 and 2012 in ability grouping for mathematics classes**Table IV.2.21 *Results based on school principals' reports*

		PISA 2012											
		Percentage of students in schools whose principal reported:											
		In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)											
		For all classes		For some classes		Not for any classes		No ability grouping for any class		One form of grouping for some classes		One form of grouping for all classes	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD	Australia	21.3	(1.3)	50.2	(1.5)	28.5	(1.7)	1.6	(0.5)	48.6	(1.7)	49.8	(1.6)
	Austria	31.4	(3.9)	51.8	(4.4)	16.9	(2.9)	71.9	(2.3)	14.7	(2.3)	13.4	(1.8)
	Belgium	55.8	(3.3)	27.7	(2.8)	16.4	(2.2)	20.6	(2.9)	57.0	(3.1)	22.4	(2.7)
	Canada	35.4	(2.8)	47.7	(2.7)	16.9	(2.0)	7.1	(1.2)	49.2	(2.5)	43.8	(2.7)
	Czech Republic	49.8	(3.7)	37.4	(3.6)	12.8	(2.0)	58.8	(4.2)	30.6	(3.7)	10.6	(2.7)
	Denmark	42.4	(3.6)	52.1	(3.7)	5.5	(1.7)	24.1	(3.2)	58.0	(3.8)	17.9	(2.8)
	Finland	51.7	(2.9)	37.2	(3.2)	11.1	(2.3)	35.5	(3.5)	46.4	(3.8)	18.0	(2.5)
	France	67.6	(3.1)	22.6	(2.8)	9.7	(2.0)	43.8	(3.5)	31.4	(3.2)	24.8	(3.3)
	Germany	40.9	(3.5)	33.4	(3.2)	25.7	(3.1)	31.9	(3.1)	32.9	(3.4)	35.3	(3.0)
	Greece	63.7	(4.1)	18.8	(3.4)	17.5	(3.0)	81.4	(3.2)	11.3	(3.2)	7.3	(1.8)
	Hungary	55.9	(4.0)	33.8	(3.7)	10.3	(2.4)	23.3	(2.9)	31.2	(3.8)	45.5	(3.8)
	Iceland	67.9	(0.2)	29.1	(0.2)	2.9	(0.1)	12.9	(0.1)	40.8	(0.2)	46.3	(0.3)
	Ireland	18.7	(3.0)	41.6	(3.8)	39.7	(4.1)	0.8	(0.7)	40.2	(4.0)	59.0	(4.0)
	Italy	44.9	(2.2)	41.2	(2.1)	13.9	(1.6)	24.1	(1.7)	48.7	(1.9)	27.3	(1.9)
	Japan	42.1	(3.7)	40.9	(3.7)	17.0	(2.6)	36.9	(3.7)	44.6	(3.6)	18.6	(2.9)
	Korea	17.2	(3.1)	51.0	(4.0)	31.8	(3.6)	9.9	(2.3)	48.6	(3.8)	41.5	(3.9)
	Luxembourg	44.4	(0.1)	39.3	(0.1)	16.3	(0.1)	32.1	(0.1)	41.4	(0.1)	26.5	(0.1)
	Mexico	30.6	(1.9)	37.4	(1.9)	32.0	(1.8)	26.3	(1.6)	32.2	(1.9)	41.5	(1.9)
	Netherlands	38.9	(4.2)	34.9	(3.7)	26.2	(4.2)	6.4	(1.7)	39.0	(4.6)	54.6	(4.9)
	New Zealand	22.8	(3.4)	58.4	(3.6)	18.8	(3.1)	1.3	(0.9)	60.5	(3.7)	38.2	(3.6)
	Norway	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	63.2	(4.4)	13.1	(2.9)	23.7	(3.7)	42.4	(4.1)	19.3	(3.5)	38.3	(4.3)
	Portugal	60.9	(4.0)	32.3	(3.8)	6.7	(2.7)	38.3	(4.1)	38.1	(3.7)	23.6	(3.5)
	Slovak Republic	55.9	(4.1)	25.7	(3.2)	18.3	(3.4)	28.4	(3.3)	39.1	(3.3)	32.5	(2.9)
	Spain	59.2	(2.6)	26.0	(2.2)	14.8	(2.0)	7.6	(1.6)	43.8	(2.8)	48.6	(2.9)
	Sweden	55.9	(4.0)	33.8	(3.3)	10.3	(2.3)	15.7	(2.8)	27.8	(3.3)	56.5	(3.3)
	Switzerland	36.7	(3.2)	30.6	(3.2)	32.7	(2.8)	15.0	(2.3)	40.9	(3.4)	44.0	(3.0)
Turkey	43.0	(3.6)	21.7	(3.4)	35.3	(4.0)	24.2	(3.1)	42.1	(3.9)	33.7	(3.7)	
United States	33.6	(4.2)	56.0	(4.4)	10.4	(2.9)	6.1	(2.6)	62.9	(4.2)	31.0	(3.8)	
OECD average 2003	43.9	(0.6)	37.2	(0.6)	19.0	(0.5)	25.4	(0.5)	40.4	(0.6)	34.3	(0.6)	
Partners	Brazil	37.5	(2.6)	20.4	(2.4)	42.1	(2.5)	18.4	(2.2)	28.1	(2.2)	53.5	(2.6)
	Hong Kong-China	41.0	(4.4)	50.0	(4.4)	9.0	(2.4)	9.0	(2.2)	60.1	(4.3)	31.0	(4.0)
	Indonesia	52.6	(3.8)	22.2	(3.2)	25.2	(3.4)	24.6	(3.2)	27.7	(3.6)	47.6	(3.8)
	Latvia	41.7	(3.7)	53.0	(3.8)	5.2	(1.8)	17.8	(3.0)	46.1	(3.9)	36.1	(3.3)
	Liechtenstein	43.3	(0.6)	32.1	(0.9)	24.5	(0.6)	40.1	(0.7)	13.2	(1.2)	46.7	(1.2)
	Macao-China	49.2	(0.1)	29.4	(0.0)	21.4	(0.0)	33.9	(0.0)	52.9	(0.0)	13.3	(0.0)
	Russian Federation	35.4	(3.9)	60.5	(3.9)	4.1	(1.3)	4.0	(1.2)	39.2	(3.1)	56.8	(3.3)
	Thailand	21.1	(2.5)	74.4	(3.0)	4.4	(1.7)	23.7	(2.8)	71.0	(3.1)	5.4	(1.9)
	Tunisia	51.7	(4.0)	18.5	(3.0)	29.8	(4.0)	17.7	(2.9)	32.1	(3.8)	50.2	(4.1)
	Uruguay	40.0	(3.9)	38.5	(3.5)	21.5	(3.3)	8.9	(2.2)	58.6	(3.8)	32.5	(3.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

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[Part 5/6]

**Change between 2003 and 2012 in ability grouping for mathematics classes**

Table IV.2.21

Results based on school principals' reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																	
		Percentage of students in schools whose principal reported:																	
		Mathematics classes study similar content, but at different levels of difficulty				Different classes study different content or sets of mathematics topics that have different levels of difficulty						Students are grouped by ability within their mathematics classes							
		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	Australia	5.4	(3.6)	-0.6	(3.5)	<b>-4.8</b>	(2.2)	3.5	(3.2)	-0.3	(3.6)	-3.2	(2.9)	-5.9	(3.5)	<b>11.1</b>	(3.4)	<b>-5.1</b>	(2.6)
	Austria	-2.9	(2.7)	1.0	(3.5)	1.9	(3.1)	a	a	a	a	a	a	-0.4	(2.4)	<b>9.5</b>	(4.7)	-9.1	(4.7)
	Belgium	<b>7.6</b>	(2.5)	<b>9.2</b>	(4.5)	<b>-16.8</b>	(4.4)	-2.6	(2.8)	<b>12.5</b>	(4.5)	<b>-9.9</b>	(4.4)	1.7	(1.1)	1.7	(3.5)	-3.4	(3.5)
	Canada	-2.4	(3.3)	3.3	(3.3)	-0.9	(2.7)	-3.0	(3.0)	-2.9	(3.3)	<b>5.9</b>	(2.5)	1.5	(2.8)	<b>9.8</b>	(3.3)	<b>-11.3</b>	(3.5)
	Czech Republic	1.9	(3.2)	0.8	(3.8)	-2.7	(4.5)	<b>-5.8</b>	(2.5)	-0.9	(4.5)	6.7	(4.9)	-5.3	(2.8)	2.7	(4.7)	2.6	(4.5)
	Denmark	<b>-10.1</b>	(4.3)	<b>29.3</b>	(5.5)	<b>-19.2</b>	(5.5)	<b>-8.2</b>	(3.3)	<b>31.1</b>	(4.9)	<b>-22.9</b>	(4.8)	-0.4	(2.4)	<b>19.1</b>	(4.8)	<b>-18.7</b>	(4.6)
	Finland	3.6	(3.3)	7.1	(5.0)	<b>-10.7</b>	(5.0)	<b>5.1</b>	(1.7)	<b>12.7</b>	(4.9)	<b>-17.8</b>	(5.0)	0.4	(2.6)	4.7	(4.9)	-5.2	(5.3)
	France	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Germany	<b>8.5</b>	(4.1)	<b>10.6</b>	(4.4)	<b>-19.2</b>	(4.6)	-1.1	(3.4)	<b>10.0</b>	(4.2)	-8.8	(4.6)	<b>8.4</b>	(3.3)	-3.0	(5.0)	-5.3	(4.9)
	Greece	0.4	(3.5)	-1.6	(4.7)	1.2	(4.6)	0.6	c	-3.3	(2.3)	2.6	(2.4)	0.8	(1.0)	0.5	(1.5)	-1.3	(1.8)
	Hungary	<b>25.4</b>	(5.1)	-8.6	(5.4)	<b>-16.8</b>	(5.4)	0.7	(2.8)	4.6	(5.3)	-5.3	(5.5)	-4.4	(3.9)	-5.6	(5.4)	10.0	(5.8)
	Iceland	<b>-31.3</b>	(0.3)	<b>15.4</b>	(0.3)	<b>15.9</b>	(0.3)	<b>15.0</b>	(0.3)	<b>8.9</b>	(0.3)	<b>-23.9</b>	(0.2)	<b>-5.0</b>	(0.2)	<b>17.7</b>	(0.3)	<b>-12.7</b>	(0.3)
	Ireland	-10.5	(5.9)	<b>12.8</b>	(6.0)	-2.3	(2.2)	-3.4	(5.3)	5.8	(5.8)	-2.4	(5.3)	4.5	(5.8)	8.2	(5.7)	<b>-12.7</b>	(4.5)
	Italy	1.9	(3.3)	<b>12.2</b>	(4.2)	<b>-14.1</b>	(3.7)	-0.8	(2.6)	5.0	(4.1)	-4.2	(4.2)	-0.1	(1.5)	<b>7.6</b>	(3.8)	-7.5	(4.0)
	Japan	3.8	(3.8)	<b>13.5</b>	(5.2)	<b>-17.4</b>	(5.7)	-0.3	(1.9)	3.9	(4.6)	-3.6	(4.7)	2.7	(3.8)	7.1	(4.9)	<b>-10.9</b>	(3.9)
	Korea	<b>27.2</b>	(4.9)	-9.5	(6.0)	<b>-17.7</b>	(4.5)	<b>10.1</b>	(3.1)	-3.9	(5.7)	-6.2	(5.8)	5.0	(3.3)	-3.0	(5.6)	-2.0	(5.3)
	Luxembourg	<b>12.9</b>	(0.1)	2.5	(0.1)	<b>-15.4</b>	(0.1)	<b>-5.6</b>	(0.1)	<b>-0.5</b>	(0.1)	<b>6.1</b>	(0.1)	1.2	c	<b>26.7</b>	(0.1)	<b>-27.9</b>	(0.1)
	Mexico	<b>19.5</b>	(3.0)	<b>-21.7</b>	(4.1)	2.2	(3.7)	<b>10.8</b>	(2.5)	<b>-28.9</b>	(4.1)	<b>18.1</b>	(3.6)	<b>10.8</b>	(2.5)	0.0	(4.0)	<b>-10.9</b>	(3.9)
	Netherlands	0.6	(6.7)	4.7	(6.4)	-5.3	(4.6)	-8.2	(5.7)	9.7	(5.7)	-1.5	(4.9)	-0.8	(3.8)	6.2	(6.4)	-5.4	(6.2)
	New Zealand	<b>-12.3</b>	(5.3)	<b>11.6</b>	(5.3)	0.7	(1.8)	<b>8.1</b>	(3.7)	-3.0	(4.2)	<b>-5.2</b>	(2.4)	<b>15.4</b>	(5.2)	-8.8	(5.6)	-6.6	(3.4)
	Norway	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	-3.8	(5.8)	<b>-22.0</b>	(5.1)	<b>25.7</b>	(5.3)	1.2	(1.4)	-3.7	(4.6)	2.5	(4.8)	-0.3	(2.1)	-3.8	(4.4)	4.1	(4.7)
	Portugal	<b>-11.2</b>	(5.5)	-2.2	(5.7)	<b>13.5</b>	(5.9)	<b>4.4</b>	(2.0)	<b>20.2</b>	(4.2)	<b>-24.7</b>	(4.6)	-0.2	(0.6)	<b>13.5</b>	(4.5)	<b>-13.3</b>	(4.5)
	Slovak Republic	<b>-14.4</b>	(4.8)	<b>10.5</b>	(4.6)	3.8	(4.7)	-5.2	(3.1)	7.6	(4.4)	-2.4	(5.2)	-0.1	(2.4)	-1.9	(5.1)	2.0	(5.0)
Spain	6.1	(4.5)	<b>-11.9</b>	(4.7)	5.8	(3.2)	<b>10.8</b>	(3.1)	-4.4	(5.1)	-6.4	(4.9)	-1.0	(1.9)	<b>-13.6</b>	(3.9)	<b>14.7</b>	(4.0)	
Sweden	2.5	(5.0)	<b>-11.7</b>	(5.2)	<b>9.3</b>	(3.6)	-1.8	(3.5)	<b>-10.7</b>	(5.4)	<b>12.6</b>	(5.2)	<b>-13.0</b>	(3.9)	-8.7	(4.8)	<b>21.8</b>	(5.0)	
Switzerland	<b>15.2</b>	(3.6)	-7.7	(5.4)	-7.4	(5.0)	-5.3	(4.0)	<b>11.6</b>	(5.1)	-6.3	(4.8)	5.3	(3.7)	6.1	(4.4)	<b>-11.4</b>	(4.7)	
Turkey	-4.2	(5.9)	2.8	(6.2)	1.4	(4.8)	<b>-11.6</b>	(4.8)	-6.9	(5.5)	<b>18.5</b>	(5.8)	-4.0	(3.1)	-5.2	(4.4)	9.2	(5.3)	
United States	-4.2	(4.7)	1.0	(5.8)	3.2	(4.0)	<b>-12.8</b>	(4.2)	<b>10.2</b>	(5.2)	2.6	(4.2)	<b>-9.0</b>	(4.3)	<b>20.4</b>	(5.6)	<b>-11.4</b>	(5.1)	
OECD average 2003	1.3	(0.8)	<b>1.9</b>	(0.9)	<b>-3.2</b>	(0.8)	-0.2	(0.6)	<b>3.3</b>	(0.9)	<b>-3.0</b>	(0.9)	0.3	(0.6)	<b>4.4</b>	(0.9)	<b>-4.7</b>	(0.8)	
Partners	Brazil	4.0	(4.4)	1.3	(4.0)	-5.3	(4.2)	-7.7	(4.1)	-2.6	(4.4)	<b>10.4</b>	(4.7)	-1.0	(2.1)	4.5	(3.1)	-3.5	(3.3)
	Hong Kong-China	<b>12.6</b>	(5.1)	-9.1	(5.9)	-3.5	(4.0)	2.2	(4.2)	3.4	(5.9)	-5.5	(5.7)	1.7	(2.3)	5.5	(5.6)	-7.2	(5.8)
	Indonesia	-1.9	(4.8)	0.3	(5.0)	1.5	(4.9)	-7.5	(4.9)	<b>18.5</b>	(4.7)	<b>-11.0</b>	(5.1)	3.8	(3.4)	2.4	(3.4)	-6.2	(4.5)
	Latvia	-2.5	(5.9)	-2.8	(6.3)	5.3	(4.5)	-3.5	(4.0)	-5.1	(6.3)	8.6	(5.9)	1.1	(2.7)	<b>-11.8</b>	(4.7)	<b>10.6</b>	(4.5)
	Liechtenstein	<b>17.4</b>	(1.3)	<b>-16.1</b>	(1.3)	-1.3	(0.8)	-0.7	(0.8)	<b>-51.0</b>	(1.4)	<b>51.7</b>	(1.2)	<b>25.0</b>	(0.9)	<b>-21.3</b>	(1.0)	<b>-3.7</b>	(0.9)
	Macao-China	3.5	(0.0)	<b>14.7</b>	(0.2)	<b>-18.3</b>	(0.3)	<b>-6.3</b>	(0.2)	<b>17.9</b>	(0.2)	<b>-11.7</b>	(0.2)	1.1	c	<b>24.0</b>	(0.2)	<b>-25.1</b>	(0.2)
	Russian Federation	<b>15.0</b>	(5.0)	-9.6	(5.3)	-5.4	(3.0)	<b>-10.2</b>	(3.9)	<b>-19.2</b>	(4.6)	<b>29.4</b>	(5.1)	-3.1	(2.9)	7.9	(5.1)	-4.8	(4.6)
	Thailand	<b>-22.3</b>	(4.3)	<b>26.4</b>	(5.2)	-4.1	(5.3)	-36.6	c	<b>23.0</b>	(5.4)	<b>13.6</b>	(5.3)	<b>-12.5</b>	(2.7)	6.8	(5.3)	5.7	(5.3)
	Tunisia	4.5	(5.7)	<b>24.6</b>	(4.7)	<b>-29.1</b>	(5.1)	<b>11.2</b>	(5.4)	<b>19.9</b>	(5.1)	<b>-31.1</b>	(5.9)	-1.5	(2.7)	-0.1	(3.6)	1.6	(4.3)
	Uruguay	<b>11.7</b>	(4.0)	7.2	(5.4)	<b>-18.9</b>	(4.9)	<b>8.6</b>	(3.3)	<b>23.0</b>	(5.9)	<b>-31.6</b>	(5.7)	1.4	c	-3.8	(3.3)	2.4	(3.3)


Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink <http://dx.doi.org/10.1787/888932957441>

[Part 6/6]

**Change between 2003 and 2012 in ability grouping for mathematics classes**  
*Results based on school principals' reports*

Table IV.2.21

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Percentage of students in schools whose principal reported:											
		In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)						No ability grouping for any class		One form of grouping for some classes		One form of grouping for all classes	
		For all classes		For some classes		Not for any classes							
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	Australia	3.2	(2.9)	5.6	(3.3)	<b>-8.9</b>	(3.4)	-1.5	(1.2)	-1.4	(3.9)	3.0	(3.9)
	Austria	7.6	(5.0)	<b>11.8</b>	(5.4)	<b>-19.4</b>	(4.8)	1.9	(3.1)	1.0	(3.5)	-2.9	(2.7)
	Belgium	5.7	(4.5)	-3.6	(4.2)	-2.1	(3.1)	<b>-8.6</b>	(4.1)	5.5	(4.4)	3.1	(3.3)
	Canada	-1.6	(3.6)	<b>8.9</b>	(3.4)	<b>-7.3</b>	(2.9)	<b>4.5</b>	(1.3)	0.3	(3.2)	-4.8	(3.3)
	Czech Republic	-3.6	(5.1)	6.7	(4.7)	-3.1	(3.2)	-0.1	(5.2)	3.5	(4.7)	-3.4	(3.7)
	Denmark	<b>-31.4</b>	(4.7)	<b>33.9</b>	(4.8)	-2.4	(2.3)	<b>-18.6</b>	(4.9)	<b>33.4</b>	(5.3)	<b>-14.8</b>	(4.7)
	Finland	<b>11.8</b>	(4.9)	-8.5	(5.4)	-3.2	(3.7)	<b>-12.0</b>	(5.3)	5.4	(5.5)	6.6	(3.4)
	France	m	m	m	m	m	m	m	m	m	m	m	m
	Germany	5.7	(5.0)	<b>16.4</b>	(4.0)	<b>-22.1</b>	(4.8)	<b>-21.7</b>	(4.3)	<b>12.9</b>	(4.5)	<b>8.8</b>	(4.4)
	Greece	1.7	(6.2)	6.2	(5.1)	-7.9	(5.1)	3.5	(4.9)	-4.6	(5.0)	1.1	(3.5)
	Hungary	6.7	(6.0)	-4.9	(5.5)	-1.8	(3.5)	<b>-17.5</b>	(4.9)	-7.4	(5.5)	<b>24.9</b>	(5.2)
	Iceland	<b>20.1</b>	(0.3)	<b>-10.1</b>	(0.3)	<b>-10.0</b>	(0.1)	<b>-7.1</b>	(0.2)	<b>18.1</b>	(0.3)	<b>-10.9</b>	(0.3)
	Ireland	-8.4	(5.1)	-1.0	(6.0)	9.4	(5.8)	-2.4	(1.6)	5.9	(5.9)	-3.5	(5.9)
	Italy	5.9	(4.0)	3.9	(4.2)	<b>-9.8</b>	(3.3)	<b>-8.7</b>	(3.3)	6.1	(3.9)	2.6	(3.5)
	Japan	<b>22.5</b>	(5.1)	<b>22.2</b>	(4.9)	<b>-44.7</b>	(4.7)	<b>-17.8</b>	(5.6)	<b>12.7</b>	(5.1)	5.0	(3.9)
	Korea	2.3	(4.1)	<b>-18.4</b>	(5.6)	<b>16.1</b>	(4.8)	<b>-16.2</b>	(4.3)	<b>-14.5</b>	(5.8)	<b>30.7</b>	(4.8)
	Luxembourg	<b>-1.8</b>	(0.1)	<b>5.3</b>	(0.1)	<b>-3.5</b>	(0.1)	<b>-6.7</b>	(0.1)	<b>3.1</b>	(0.1)	<b>3.6</b>	(0.1)
	Mexico	-1.4	(3.9)	-4.1	(3.8)	5.6	(3.7)	<b>8.3</b>	(3.0)	<b>-28.7</b>	(3.9)	<b>20.4</b>	(3.2)
	Netherlands	9.2	(5.9)	-4.2	(5.7)	-4.9	(5.8)	-2.0	(3.0)	8.1	(6.1)	-6.1	(6.5)
	New Zealand	-0.7	(4.5)	0.9	(5.0)	-0.1	(4.2)	0.7	(1.1)	4.9	(5.1)	-5.5	(5.0)
	Norway	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	-10.1	(5.5)	-5.8	(4.2)	<b>15.9</b>	(4.3)	<b>23.6</b>	(5.1)	<b>-19.5</b>	(5.3)	-4.1	(5.8)
	Portugal	-6.5	(5.8)	<b>15.5</b>	(4.8)	<b>-8.9</b>	(4.1)	10.1	(6.0)	-0.7	(5.7)	-9.4	(5.4)
	Slovak Republic	2.7	(5.4)	3.3	(4.5)	-5.9	(4.5)	2.8	(4.7)	<b>13.7</b>	(4.3)	<b>-16.4</b>	(4.7)
	Spain	8.2	(4.5)	-6.8	(3.8)	-1.5	(3.5)	2.2	(2.5)	<b>-13.4</b>	(4.7)	<b>11.2</b>	(4.7)
	Sweden	<b>21.8</b>	(5.7)	<b>-11.3</b>	(4.9)	<b>-10.5</b>	(3.8)	<b>9.4</b>	(3.3)	<b>-11.0</b>	(5.2)	1.5	(5.1)
	Switzerland	-5.5	(5.0)	1.8	(4.9)	3.7	(4.5)	-4.5	(3.6)	-4.8	(5.4)	<b>9.3</b>	(4.4)
Turkey	<b>30.6</b>	(4.7)	-5.8	(5.4)	<b>-24.8</b>	(6.5)	3.9	(4.5)	1.9	(6.4)	-5.8	(6.0)	
United States	<b>19.4</b>	(4.8)	9.4	(5.8)	<b>-28.8</b>	(4.8)	3.5	(2.8)	6.6	(5.4)	<b>-10.0</b>	(5.0)	
OECD average 2003	<b>4.2</b>	(0.9)	<b>2.5</b>	(0.9)	<b>-6.7</b>	(0.8)	<b>-2.6</b>	(0.7)	1.4	(0.9)	1.3	(0.9)	
Partners	Brazil	7.1	(4.1)	3.9	(3.9)	<b>-10.9</b>	(4.4)	-3.3	(3.6)	1.7	(3.8)	1.6	(4.2)
	Hong Kong-China	6.5	(5.9)	3.0	(6.2)	<b>-9.5</b>	(3.9)	-4.2	(3.8)	-6.4	(6.0)	<b>10.5</b>	(5.3)
	Indonesia	<b>-23.6</b>	(5.0)	<b>12.2</b>	(3.9)	<b>11.4</b>	(4.3)	-1.6	(4.4)	<b>10.3</b>	(4.6)	-8.6	(5.2)
	Latvia	-2.0	(5.8)	0.9	(5.7)	1.0	(2.4)	<b>9.3</b>	(3.9)	-7.0	(6.4)	-2.3	(6.1)
	Liechtenstein	<b>10.2</b>	(0.7)	-1.6	(1.0)	<b>-8.6</b>	(0.8)	<b>32.4</b>	(0.7)	<b>-57.6</b>	(1.3)	<b>25.1</b>	(1.3)
	Macao-China	<b>-14.1</b>	(0.2)	<b>12.2</b>	(0.2)	<b>2.0</b>	(0.2)	<b>-9.4</b>	(0.2)	<b>21.1</b>	(0.2)	<b>-11.7</b>	(0.2)
	Russian Federation	-7.7	(5.8)	6.9	(6.0)	0.8	(2.1)	-4.3	(2.7)	-8.7	(4.9)	<b>12.9</b>	(4.6)
	Thailand	<b>-14.3</b>	(4.4)	<b>25.9</b>	(4.9)	<b>-11.5</b>	(3.1)	4.5	(4.3)	<b>34.4</b>	(5.1)	<b>-39.0</b>	(4.7)
	Tunisia	<b>-11.9</b>	(5.8)	<b>10.6</b>	(3.9)	1.3	(5.5)	<b>-26.5</b>	(5.1)	<b>21.6</b>	(4.4)	5.0	(5.8)
	Uruguay	-4.3	(5.3)	-5.7	(5.0)	<b>10.0</b>	(4.1)	<b>-15.3</b>	(4.7)	-0.6	(6.0)	<b>16.0</b>	(4.4)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957441>



[Part 1/1]

**Cumulative expenditure by educational institutions**Table IV.3.1 *In equivalent USD converted using PPPs for GDP, based on full-time equivalents*

	PISA 2003			PISA 2012			
	Source	Year of reference	Cumulative expenditure by educational institutions per student aged 6 to 15	Source	Year of reference	Cumulative expenditure by educational institutions per student aged 6 to 15	
			In equivalent USD converted using PPPs			In equivalent USD converted using PPPs	
OECD	Australia	a	2001	83 341	b	2010	98 025
	Austria	a	2001	89 518	b	2010	116 603
	Belgium	a	2001	76 412	b	2010	97 126
	Canada	a	2001	74 137	b	2009	80 397
	Chile			m	b	2011	32 250
	Czech Republic	a	2001	29 814	b	2010	54 519
	Denmark	a	2001	91 130	b	2010	109 746
	Estonia			m	b	2010	55 520
	Finland	a	2001	60 148	b	2010	86 233
	France	a	2001	74 110	b	2010	83 582
	Germany	a	2001	53 768	b	2010	80 796
	Greece	a	2001	43 019			m
	Hungary <sup>1</sup>	a	2001	38 524	b	2010	46 598
	Iceland	a	2001	109 957	b	2010	93 986
	Ireland <sup>1</sup>	a	2001	44 968	b	2010	93 117
	Israel			m	b	2010	57 013
	Italy <sup>1</sup>	a	2001	91 876	b	2010	84 416
	Japan	a	2001	53 296	b	2010	89 724
	Korea	a	2001	52 100	b	2010	69 037
	Luxembourg			m	b	2010	197 598
	Mexico	a	2001	26 262	b	2010	23 913
	Netherlands	a	2001	64 951	b	2010	95 072
	New Zealand			m	b	2010	70 650
	Norway	a	2001	98 866	b	2010	123 591
	Poland <sup>1</sup>	a	2001	29 353	b	2010	57 644
	Portugal <sup>1</sup>	a	2001	59 995	b	2010	70 370
	Slovak Republic	a	2001	18 748	b	2010	53 160
	Slovenia <sup>1</sup>			m	b	2010	91 785
	Spain	a	2001	61 070	b	2010	82 178
	Sweden	a	2001	69 920	b	2010	95 831
	Switzerland <sup>1</sup>	a	2001	88 092	b	2010	127 322
	Turkey			m	b	2010	19 821
United Kingdom			m	b	2010	98 023	
United States	a	2001	97 517	b	2010	115 961	
Partners	Albania			m	c	2010	m
	Argentina			m	b	2010	m
	Brazil <sup>1</sup>			m	b	2010	26 765
	Bulgaria			m	c	2009	31 944
	Colombia			m	c	2010	20 362
	Costa Rica			m			m
	Croatia <sup>2</sup>			m	c	2012	38 992
	Cyprus <sup>*,1</sup>			m	c	2010	109 575
	Hong Kong-China			m	c	2010	m
	Indonesia			m	b	2010	m
	Jordan			m	c	2010	7 125
	Kazakhstan			m			m
	Latvia			m	c	2010	45 342
	Liechtenstein			m			m
	Lithuania			m	c	2010	44 963
	Macao-China			m			m
	Malaysia <sup>1</sup>			m	c	2010	16 816
	Montenegro			m	c	2011	23 913
	Peru			m	c	2011	12 431
	Qatar			m			m
	Romania <sup>1</sup>			m			m
	Russian Federation			m			m
	Serbia			m			m
	Shanghai-China			m	c	2010	49 006
	Singapore <sup>1</sup>			m	c	2010/2011	85 284
	Chinese Taipei			m			m
	Thailand			m	c	2010	13 964
	Tunisia <sup>1</sup>			m	d	2010	21 504
	United Arab Emirates			m			m
	Uruguay <sup>1</sup>			m	c	2010	19 068
Viet Nam <sup>1</sup>			m	c	2010	6 969	

1. Public institutions only. For Ireland and Portugal, this applies only to the PISA 2012 columns.


2. Only for students aged 7 to 15.

Sources: a. *Education at a Glance 2004: OECD Indicators* (OECD, 2004a). For further notes, see *Education at a Glance 2004: OECD Indicators* (OECD, 2004a) Annex 3, available on line: [www.oecd.org/education/skills-beyond-school/educationataglance2004-home.htm](http://www.oecd.org/education/skills-beyond-school/educationataglance2004-home.htm). Values reported in *Education at a Glance 2004: OECD Indicators* (2004a) have been updated with the GDP deflator to allow for comparisons with data from 2010.b. *Education at a Glance 2013: OECD Indicators* (OECD, 2013a). For further notes, see *Education at a Glance 2013: OECD Indicators* (OECD, 2013a) Annex 3, available on line: [www.oecd.org/edu/eag.htm](http://www.oecd.org/edu/eag.htm).

c. PISA system-level data collection in 2013.

d. UNESCO Institute for Statistics (World Education Indicators Programme).

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Per capita GDP

Table IV.3.2 In equivalent USD converted using PPPs

	PISA 2003			PISA 2012			
	Per capita GDP			Per capita GDP			
	Source	Year of reference	In equivalent USD converted using PPPs	Source	Year of reference	In equivalent USD converted using PPPs	
OECD	Australia	a	2001	37 844	b	2010	40 801
	Austria	a	2001	33 503	b	2010	40 411
	Belgium	a	2001	32 541	b	2010	37 878
	Canada	a	2001	34 695	b	2009	40 136
	Chile	a	2001	15 793	b	2011	17 312
	Czech Republic	a	2001	22 788	b	2010	25 364
	Denmark	a	2001	31 071	b	2010	40 600
	Estonia	a	2001	14 319	b	2010	20 093
	Finland	a	2001	30 797	b	2010	36 030
	France	a	2001	29 188	b	2010	34 395
	Germany	a	2001	29 001	b	2010	37 661
	Greece	a	2001	23 191	b	2010	27 539
	Hungary	a	2001	15 704	b	2010	20 625
	Iceland	a	2001	36 369	b	2010	35 509
	Ireland	a	2001	37 954	b	2010	41 000
	Israel	a	2001	32 134	b	2010	26 552
	Italy	a	2001	27 803	b	2010	32 110
	Japan	a	2001	28 429	b	2010	35 238
	Korea	a	2001	26 230	b	2010	28 829
	Luxembourg	a	2001	68 631	b	2010	84 672
	Mexico	a	2001	12 100	b	2010	15 195
	Netherlands	a	2001	34 548	b	2010	41 682
	New Zealand	a	2001	27 119	b	2010	29 629
	Norway <sup>1</sup>	a	2001	35 884	b	2010	44 825
	Poland	a	2001	15 857	b	2010	20 034
	Portugal	a	2001	19 342	b	2010	25 519
	Slovak Republic	a	2001	18 622	b	2010	23 194
	Slovenia	a	2001	23 373	b	2010	26 649
	Spain	a	2001	26 668	b	2010	31 574
	Sweden	a	2001	34 510	b	2010	39 251
	Switzerland	a	2001	38 767	b	2010	48 962
Turkey	a	2001	13 353	b	2010	15 775	
United Kingdom	a	2001	31 870	b	2010	35 299	
United States	a	2001	41 326	b	2010	46 548	
OECD average		2001	28 862		2010	33 732	
Partners	Albania			m	d	2010	8 631
	Argentina			m	b	2010	15 868
	Brazil			m	b	2010	12 537
	Bulgaria			m	c	2010	14 203
	Colombia			m	c	2011	9 555
	Costa Rica			m	d	2010	11 579
	Croatia			m	c	2010	19 026
	Cyprus*			m	c	2010	30 307
	Hong Kong-China			m	c	2010	47 274
	Indonesia			m	b	2010	4 638
	Jordan			m	c	2010	5 752
	Kazakhstan			m	d	2010	12 092
	Latvia			m	c	2010	16 902
	Liechtenstein			m			m
	Lithuania			m	c	2010	18 022
	Macao-China			m	c	2010	60 397
	Malaysia			m	c	2010	15 077
	Montenegro			m	c	2010	13 147
	Peru			m	d	2010	9 350
	Qatar			m	c	2010	77 265
	Romania			m	c	2010	14 531
	Russian Federation			m	b	2010	19 811
	Serbia			m	d	2010	11 421
	Shanghai-China			m	c	2010	18 805
	Singapore			m	c	2010	57 799
	Chinese Taipei			m	c	2010	29 255
	Thailand			m	c	2010	9 748
	Tunisia			m	c	2010	9 410
	United Arab Emirates			m	d	2010	46 916
	Uruguay			m	c	2010	14 004
	Viet Nam			m	c	2010	4 098

1. The GDP mainland market value is used for Norway.


Sources: a. OECD National Accounts Database, 2013.

b. *Education at a Glance 2013: OECD Indicators* (OECD, 2013a). For further notes, see *Education at a Glance 2013: OECD Indicators* (OECD, 2013a) Annex 3, available on line: [www.oecd.org/edu/eag.htm](http://www.oecd.org/edu/eag.htm).

c. PISA system-level data collection in 2013.

d. UNESCO Institute for Statistics (World Education Indicators Programme).

\* See notes at the beginning of this Annex.

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[Part 1/1]

**Teachers' salaries**

Annual statutory teachers' salaries in public institutions at starting salary, after 10 and 15 years of experience and at the top of the scale, by level of education (2011)

Table IV.3.3

	Source	Ratio of salaries after 15 years of experience/minimum training to per capita GDP		Ratio of salary at top of scale to starting salary		Years from starting to top salary (lower secondary education)	Outstanding performance in teaching used as a criteria for the base salary and additional payments in public institutions.			
		Lower secondary education	Upper secondary education	Lower secondary education	Upper secondary education		Decisions on position in base salary scale	Decisions on supplemental payments which are paid every year	Decisions on supplemental incidental payments	
		(1)	(2)	(3)	(4)		(6)	(7)	(8)	
OECD	Australia	a	1.22	1.22	1.41	1.41	9	No	No	No
	Austria	a	1.11	1.14	1.96	2.02	34	No	No	Yes
	Belgium (Fl.)	a	1.24	1.59	1.73	1.76	27	No	No	No
	Belgium (Fr.)	a	1.21	1.55	1.72	1.75	27	No	No	No
	Canada	a	1.50	1.51	1.59	1.59	11	No	No	No
	Chile	a	1.31	1.39	1.79	1.83	30	No	Yes	Yes
	Czech Republic	a	0.87	0.93	1.36	1.40	27	Yes	Yes	Yes
	Denmark	a	1.36	1.58	1.16	1.31	8	No	Yes	Yes
	England	a	1.32	1.32	1.46	1.46	12	Yes	Yes	Yes
	Estonia	a	0.68	0.68	1.46	1.46	7	No	Yes	Yes
	Finland	a	1.21	1.28	1.31	1.35	20	No	Yes	No
	France	a	1.07	1.08	1.82	1.81	34	No	No	No
	Germany	a	1.75	1.89	1.33	1.38	28	No	No	No
	Greece	a	1.15	1.15	1.49	1.49	33	No	No	No
	Hungary	a	0.70	0.83	1.64	1.90	40	No	Yes	No
	Iceland	a	0.80	0.81	1.17	1.26	18	No	No	No
	Ireland	a	1.51	1.51	1.80	1.80	22	No	No	No
	Israel	a	1.02	0.87	1.88	2.24	36	No	No	No
	Italy	a	1.17	1.21	1.50	1.57	35	No	No	No
	Japan	a	1.47	1.47	2.21	2.27	34	No	No	No
	Korea	a	1.82	1.82	2.78	2.78	37	No	No	No
	Luxembourg	a	1.24	1.24	1.74	1.74	30	No	No	No
	Mexico	a	1.78	m	2.12	m	14	Yes	Yes	No
	Netherlands	a	1.57	1.57	1.70	1.70	15	Yes	Yes	Yes
	New Zealand	a	1.50	1.52	1.50	1.51	8	No	Yes	No
	Norway <sup>1</sup>	a	0.89	0.96	1.26	1.21	16	No	Yes	No
	Poland	a	0.98	1.12	1.68	1.70	20	No	Yes	Yes
	Portugal	a	1.74	1.74	1.69	1.69	34	No	No	No
	Scotland	a	1.43	1.43	1.60	1.60	6	No	No	No
	Slovak Republic	a	0.61	0.61	1.35	1.35	32	No	Yes	Yes
	Slovenia	a	1.29	1.29	1.28	1.28	13	No	No	Yes
	Spain	a	1.58	1.60	1.40	1.40	38	No	No	No
	Sweden	a	0.92	0.97	1.31	1.34	a	Yes	No	No
	Switzerland	a	m	m	1.55	1.53	27	No	No	No
Turkey	a	a	1.87	a	1.15	a	Yes	No	Yes	
United States	a	0.97	1.04	1.50	1.48	m	No	No	Yes	
OECD average		1.24	1.29	1.61	1.62	24				
Partners	Albania	a	m	m	m	m	m	m	m	m
	Argentina	c	0.79	0.79	1.60	1.60	25	m	m	m
	Brazil	b	m	m	m	m	m	m	m	m
	Bulgaria	b	0.95	0.95	2.22	2.22	20	Yes	No	No
	Colombia	b	1.60	1.69	1.55	1.81	13	No	Yes	No
	Costa Rica		m	m	m	m	m	m	m	m
	Croatia	b	1.28	1.28	1.36	1.36	35	No	Yes	No
	Cyprus*	b	2.19	2.19	2.19	2.19	22	No	No	No
	Hong Kong-China	b	1.48	2.23	1.62	1.91	10	No	No	No
	Indonesia	a	0.44	0.49	1.45	1.41	32	No	No	No
	Jordan	b	2.15	2.15	2.75	2.75	40	No	No	No
	Kazakhstan		m	m	m	m	m	m	m	m
	Latvia	b	0.52	0.52	a	a	15	No	Yes	Yes
	Liechtenstein	b	m	m	1.62	1.62	a	Yes	No	No
	Lithuania <sup>2</sup>	b	1.01	1.01	m	m	a	No	No	No
	Macao-China	b	1.13	1.13	1.74	1.74	33	No	No	No
	Malaysia	b	2.09	2.09	3.25	3.25	20	No	No	No
	Montenegro	b	1.55	1.55	1.12	1.13	40	No	No	m
	Peru	b	0.92	0.92	1.05	1.05	20	No	No	No
	Qatar	b	1.41	1.41	1.67	1.67	20	Yes	Yes	Yes
	Romania	b	0.44	0.44	2.54	2.54	40	No	No	No
	Russian Federation	a	m	m	m	m	m	No	No	Yes
	Serbia		m	m	m	m	m	m	m	m
	Shanghai-China	b	0.94	1.15	4.51	5.58	35	No	Yes	Yes
	Singapore	b	1.33	1.33	2.69	2.69	m	Yes	Yes	Yes
	Chinese Taipei	b	m	m	1.64	1.64	20	No	No	No
	Thailand	b	1.24	1.24	2.12	2.12	14	No	No	No
Tunisia	c	1.88	1.88	m	m	m	m	m	m	
United Arab Emirates	b	m	m	1.76	1.76	5	No	No	No	
Uruguay	b	0.76	0.79	1.66	1.64	32	No	No	No	
Viet Nam	b	m	m	2.13	2.13	m	Yes	Yes	Yes	

1. The GDP mainland market value is used for columns 1 and 2.

2. Average actual teachers' salaries for all teachers, irrespective of the level of education they teach.

Sources: a. *Education at a Glance 2013: OECD Indicators* (OECD, 2013a). For further notes, see *Education at a Glance 2013: OECD Indicators* (OECD, 2013a) Annex 3, available on line: [www.oecd.org/edu/eag.htm](http://www.oecd.org/edu/eag.htm)

b. PISA system-level data collection in 2013.

c. UNESCO Institute for Statistics (World Education Indicators Programme).

\* See notes at the beginning of this Annex.

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[Part 1/2]

Table IV.3.4 Pre-service teacher training requirements in public institutions

	Source	Year of reference	Competitive examination required to enter pre-service teacher training				Duration of teacher-training programme in years				Teaching practicum required as part of pre-service training					
			Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education		
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
OECD	Australia	a	2010	m	Yes	Yes	Yes	m	4	4	4	m	Yes	Yes	Yes	Yes
	Austria <sup>2</sup>	a	2010	Yes	Yes	a	No	3	3	5.5	5.5	Yes	Yes	a	No	No
	Belgium (Fl.)	a	2010	No	No	No	No	3	3	3	5	Yes	Yes	Yes	Yes	Yes
	Belgium (Fr.)	a	2010	No	No	No	No	3	3	3	5	Yes	Yes	Yes	Yes	Yes
	Canada	a	2010	m	No	No	No	m	5	5	5	m	Yes	Yes	Yes	Yes
	Chile	a	2010	m	No	No	No	m	m	m	m	m	No	No	No	No
	Czech Republic	a	2010	No	No	No	No	3	5	5	5	Yes	Yes	Yes	Yes	Yes
	Denmark	a	2010	Yes	No	No	No	4	4	4	6	Yes	Yes	Yes	Yes	No
	England	a	2010	No	No	No	No	3, 4	3, 4	3, 4	3, 4	No	No	No	No	No
	Estonia	a	2010	No	No	No	No	4, 5	4, 5	4, 5	4, 5	No	Yes	Yes	Yes	Yes
	Finland	a	2010	Yes	Yes	Yes	Yes	3	5	5	5	Yes	Yes	Yes	Yes	Yes
	France	a	2010	No	No	No	No	5	5	5	5, 6	Yes	Yes	Yes	Yes	Yes
	Germany	a	2010	a	Yes	Yes	Yes	3	5.5	5.5, 6.5	6.5	a	Yes	Yes	Yes	Yes
	Greece	a	2010	Yes	Yes	Yes	Yes	4	4	4	4, 5	Yes	Yes	a	a	a
	Hungary	a	2010	m	Yes	Yes	Yes	m	4	4	5	m	Yes	Yes	Yes	Yes
	Iceland	a	2010	m	No	No	No	m	3, 4	3, 4	4	m	Yes	Yes	Yes	Yes
	Ireland	a	2010	Yes	Yes	Yes	Yes	3	3, 5, 5	4, 5	4, 5	Yes	Yes	Yes	Yes	Yes
	Israel <sup>3</sup>	a	2010	Yes	Yes	Yes	Yes	3, 4	3, 4	3, 4	3, 4	Yes	Yes	Yes	Yes	Yes
	Italy	a	2010	m	No	No	No	m	4	4-6	4-6	m	Yes	Yes	Yes	Yes
	Japan <sup>4</sup>	a	2010	No	No	No	No	2, 4, 6	2, 4, 6	2, 4, 6	4, 6	Yes	Yes	Yes	Yes	Yes
	Korea	a	2010	Yes	Yes	Yes	Yes	2, 4, 6, 5	4	4, 6, 5	4, 6, 5	Yes	Yes	Yes	Yes	Yes
	Luxembourg	a	2010	Yes	No	No	No	4	3, 4	5	5	Yes	Yes	Yes	Yes	Yes
	Mexico	a	2010	m	Yes	Yes	Yes	m	4	4, 6	4, 6	m	Yes	Yes	Yes	No
	Netherlands <sup>5</sup>	a	2010	No	No	No	No	4	4	4	5, 6	Yes	Yes	Yes	Yes	Yes
	New Zealand	a	2010	No	No	No	No	3, 4	3, 4	3, 4	4	Yes	Yes	Yes	Yes	Yes
	Norway	a	2010	No	No	No	No	3	4	4, 6	4, 6	Yes	Yes	Yes	Yes	Yes
	Poland	a	2010	No	No	No	No	3, 5	3, 5	3, 5	3, 5	Yes	Yes	Yes	Yes	Yes
Portugal	a	2010	No	No	No	No	5	5	5	5	Yes	Yes	Yes	Yes	Yes	
Scotland	a	2010	No	No	No	No	4, 5	4, 5	4, 5	4, 5	Yes	Yes	Yes	Yes	Yes	
Slovak Republic	a	2010	m	No	No	No	m	5	5	5	m	Yes	Yes	Yes	Yes	
Slovenia	a	2010	m	m	m	m	m	5	5-6	5-6	m	m	m	m	m	
Spain	a	2010	No	No	No	No	3	3	6	6	Yes	Yes	Yes	Yes	Yes	
Sweden	a	2010	No	No	No	No	3.5	3.5	4.5	4.5	Yes	Yes	Yes	Yes	Yes	
Switzerland	a	2010	m	No	No	No	m	3	5	6	m	Yes	Yes	Yes	Yes	
Turkey	a	2010	Yes	Yes	a	Yes	4-5	4-5	a	4-5	Yes	Yes	a	Yes	Yes	
United States	a	2010	No	No	No	No	2-4	4	4	4	Yes	Yes	Yes	Yes	Yes	
Partners	Albania	b	2010	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	a	2010	m	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	a	2010	No	No	No	No	m	m	m	m	No	No	No	No	No
	Bulgaria	b	2010	Yes	Yes	Yes	Yes	3	3	3	3	Yes	Yes	Yes	Yes	Yes
	Colombia	b	2010	Yes	Yes	Yes	Yes	4	4	5	5	Yes	Yes	Yes	Yes	Yes
	Costa Rica			m	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	b	2011	Yes	Yes	Yes	Yes	4	4	4	4	Yes	Yes	Yes	Yes	Yes
	Cyprus*	b	2010	Yes	Yes	Yes	Yes	4	4	4	4	Yes	Yes	No	No	No
	Hong Kong-China	b	2010	No	No	No	No	2	4	4	4	Yes	Yes	Yes	Yes	Yes
	Indonesia	a	2010	m	Yes	Yes	Yes	m	4-5	4-5	4-5	m	Yes	Yes	Yes	Yes
	Jordan	b	2010	No	No	No	No	a	a	a	a	No	No	No	No	No
	Kazakhstan			m	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	b	2010	No	No	No	No	2	4	4	4	Yes	Yes	Yes	Yes	Yes
	Liechtenstein	b	2010	No	No	No	No	3	4	4	5	Yes	Yes	Yes	Yes	Yes
	Lithuania	b	2010	Yes	Yes	Yes	Yes	3	3	4	4	Yes	Yes	Yes	Yes	Yes
	Macao-China	b	2010	Yes	Yes	Yes	Yes	4	4	4	4	Yes	Yes	No	No	No
	Malaysia	b	2010	No	No	No	No	5	5	5	5	Yes	Yes	Yes	Yes	Yes
	Montenegro	b	2010	No	No	No	No	3	4	4	4	Yes	Yes	Yes	Yes	Yes
	Peru	b	2010	No	No	No	No	5	5	5	5	Yes	Yes	Yes	Yes	Yes
	Qatar	b	2010	No	No	No	No	2	4	4	4	Yes	Yes	Yes	Yes	Yes
	Romania	b	2010	Yes	Yes	Yes	Yes	4	4	4	4	Yes	Yes	No	No	No
	Russian Federation	a	2010	m	m	m	m	m	m	m	m	m	m	m	m	m
	Serbia			m	m	m	m	m	m	m	m	m	m	m	m	m
	Shanghai-China	b	2010	Yes	Yes	Yes	Yes	3	3	4	4	Yes	Yes	Yes	Yes	Yes
	Singapore	b	2010	No	No	No	No	2	4	4	4	Yes	Yes	Yes	Yes	Yes
	Chinese Taipei	b	2011	Yes	Yes	Yes	Yes	4	4	4	4	Yes	Yes	Yes	Yes	Yes
	Thailand	b	2010	a	a	a	a	a	a	a	a	a	a	a	a	a
Tunisia	b	2010	No	No	m	m	m	m	m	m	No	No	m	m	m	
United Arab Emirates	b	2010	Yes	Yes	Yes	Yes	m	m	m	m	Yes	Yes	Yes	Yes	Yes	
Uruguay	b	2010	No	No	No	No	4	4	4	4	Yes	Yes	Yes	Yes	Yes	
Viet Nam	b	2010	Yes	Yes	Yes	Yes	3	3	4	4	Yes	Yes	Yes	Yes	Yes	

1. Tertiary-type A programmes are largely theory-based and are designed to provide qualifications for entry into advanced research programmes and professions with high knowledge and skill requirements. Tertiary-type B programmes are classified at the same level of competence as tertiary-type A programmes but are more occupationally oriented and usually lead directly to the labour market.

2. Refers to pre-primary education provided in primary schools only, for columns 1, 5, 9, 13 and 17.

3. Year of reference 2012 for column 7.

4. Year of reference 2007 for columns 17, 18, 19 and 20.


5. Refers to pre-primary education provided in primary schools for 4-5 year-olds only, for columns 1, 5, 9, 13 and 17.

6. Refers to full-time teachers only.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see *Education at a Glance 2012: OECD Indicators* (OECD, 2012) Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012)

b. PISA system-level data collection in 2013.

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957460>



[Part 2/2]

Table IV.3.4 Pre-service teacher training requirements in public institutions

	ISCED type of final qualification <sup>1</sup>				Percentage of current teacher stock with this type of qualification			
	Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
<b>OECD</b>								
Australia	m	5A	5A	5A	m	87%	91%	x(19)
Austria <sup>2</sup>	5A	5A	5A	5A	94%	94%	95%	78%
Belgium (Fl.)	5B	5B	5B	5A, 5B	99%	98%	97%	96%
Belgium (Fr.)	5B	5B	5B	5A	100%	100%	m	m
Canada	m	5A	5A	5A	m	m	m	m
Chile	m	5A, 5B	5A, 5B	5A, 5B	m	m	m	m
Czech Republic	5B, 5A	5A	5A	5A	12%	87%	88%	87%
Denmark	5B	5A	5A	5A	100%	100%	100%	100%
England	5A	5A	5A	5A	100%	100%	100%	100%
Estonia	4, 5A, 5B	5A	5A	5A	70%	66%	75%	84%
Finland	5A	5A	5A	5A	m	90%	90%	95%
France	5A	5A	5A	5A	m	m	m	m
Germany	5B	5A	5A	5A	m	m	m	m
Greece	5A	5A	5A	5A	97%	94%	97%	98%
Hungary	m	5A	5A	5A	m	95%	100%	100%
Iceland	m	5A	5A	5A	m	92%	x(18)	82%
Ireland	3, 4, 5A, 5B	5A, 5B	5A, 5B	5A, 5B	m	m	m	m
Israel <sup>3</sup>	5A	5A	5A	5A	74%	83%	92%	87%
Italy	m	5A	5A	5A	m	86%	90%	99%
Japan <sup>4</sup>	5A+5B, 5A, 5A	5A+5B, 5A, 5A	5A+5B, 5A, 5A	5A	74%, 21%, 0.4%	15%, 80%, 3%	5%, 89%, 5%	75%, 24%
Korea	5B, 5A, 5A	5A	5A	5A	100%	100%	100%	100%
Luxembourg	5B	5B	5A	5A	86%	95.6%, 4.5%	100%	100%
Mexico	m	5A	5A, 5B	5A, 5B	m	96%	90%	91%
Netherlands <sup>5</sup>	5A	5A	5A	5A	100%	100%	100%	100%
New Zealand	5B, 5A	5B, 5A	5B, 5A	5A	m	m	m	m
Norway	5A	5A	5A, 5A	5A, 5A	83%	47%	46.8%, m	20.5%, m
Poland	5B, 5A	5B, 5A	5A	5A	0.9%, 91.5%	0.8%, 98%	99%	98%
Portugal	5A	5A	5A	5A	100%	100%	100%	100%
Scotland	5A	5A	5A	5A	m	m	m	m
Slovak Republic	m	5A	5A	5A	m	93%, 7%	91%, 9%	87%, 13%
Slovenia	m	5A	5A	5A, 5B	m	m	m	m
Spain	5B, 5A	5A	5A	5A	100%	100%	100%	100%
Sweden	5A	5A	5A	5A	54% <sup>6</sup>	82%	x(18)	72%
Switzerland	m	5A	5A	5A	m	m	m	m
Turkey	5A	5A	a	5A	94%	91%	a	98%
United States	5B, 5A	5A	5A	5A	99%	99%	99%	99%
<b>Partners</b>								
Albania	m	m	m	m	m	m	m	m
Argentina	m	m	m	m	m	m	m	m
Brazil	3B, 5A	3B	5A	5A	87%	99%	84%	91%
Bulgaria	5A	5A	5A	5A	100%	100%	100%	100%
Colombia	4	4	5A, 5B	5A, 5B	6%	49%	32%	13%
Costa Rica	m	m	m	m	m	m	m	m
Croatia	5A, 5B	5A, 5B	5A	5A	100%	100%	100%	100%
Cyprus*	5A	5A	5A	5A	100%	100%	100%	100%
Hong Kong-China	5B	5A	5A	5A	100%	100%	100%	100%
Indonesia	m	5A	5A	5A	m	m	m	m
Jordan	5A	5A	5A	5A	85%	90%	96%	98%
Kazakhstan	m	m	m	m	m	m	m	m
Latvia	5A, 5B	5A, 5B	5A, 5B	5A, 5B	88%	88%	96%	96%
Liechtenstein	5A	5A	5A	5A	30%	100%	100%	95%
Lithuania	5B	5A, 5B	5A	5A	m	m	m	m
Macao-China	5A	5A	5A	5A	m	m	m	m
Malaysia	4	5A	5B	5A, 5B	2%	53%	24%	21%
Montenegro	5B	5B	5B	5B	m	64%	66%	92%
Peru	5A, 5B	5A, 5B	5A, 5B	5A, 5B	m	m	m	m
Qatar	4	5A	5B	5B	40%	35%	65%	80%
Romania	4	4	5A, 5B	5A, 5B	95%	98%	95%	95%
Russian Federation	m	m	m	m	m	m	m	m
Serbia	m	m	m	m	m	m	m	m
Shanghai-China	5B	5B	5A	5A	94%	92%	93%	99%
Singapore	5B	5A	5A	5A	85%	62%	93%	x(19)
Chinese Taipei	5A	5A	5A	5A	80%	85%	90%	100%
Thailand	5A	5A	5A	5A	a	a	a	a
Tunisia	5A	5A	m	m	50%	50%	m	m
United Arab Emirates	4	4	4	4	80%	80%	80%	80%
Uruguay	5B	5B	5B	5B	100%	100%	59%	59%
Viet Nam	5A	5A	5A	5A	100%	100%	100%	100%

1. Tertiary-type A programmes are largely theory-based and are designed to provide qualifications for entry into advanced research programmes and professions with high knowledge and skill requirements. Tertiary-type B programmes are classified at the same level of competence as tertiary-type A programmes but are more occupationally oriented and usually lead directly to the labour market.

2. Refers to pre-primary education provided in primary schools only, for columns 1, 5, 9, 13 and 17.

3. Year of reference 2012 for column 7.

4. Year of reference 2007 for columns 17, 18, 19 and 20.


5. Refers to pre-primary education provided in primary schools for 4-5 year-olds only, for columns 1, 5, 9, 13 and 17.

6. Refers to full-time teachers only.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see *Education at a Glance 2012: OECD Indicators* (OECD, 2012) Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957460>

[Part 1/2]

Table IV.3.5 Requirements to enter the teaching profession, public institutions

	Source	Year of reference	Competitive examination required to enter the teaching profession				Credential or license, in addition to the education diploma, required to start teaching				Credential or license, in addition to the education diploma, required to become a fully qualified teacher					
			Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education		
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
OECD	Australia <sup>1</sup>	a	2010	m	No	No	No	No	m	Yes	Yes	Yes	m	Yes	Yes	Yes
	Austria <sup>2</sup>	a	2010	No	No	a	No	No	No	No	No	No	No	No	No	No
	Belgium (Fl.)	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Belgium (Fr.)	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Canada	a	2010	m	No	No	No	m	Yes	Yes	Yes	m	Yes	Yes	Yes	Yes
	Chile	a	2010	m	No	No	No	m	No	No	No	m	No	No	No	No
	Czech Republic	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Denmark	a	2010	Yes	No	No	No	No	No	No	No	No	No	No	No	Yes
	England	a	2010	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No
	Estonia	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Finland	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	France	a	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Germany	a	2010	a	Yes	Yes	Yes	a	Yes	Yes	Yes	a	Yes	Yes	Yes	Yes
	Greece	a	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Hungary	a	2010	m	No	No	No	m	No	No	No	m	No	No	No	No
	Iceland	a	2010	m	No	No	No	m	No	No	No	m	Yes	Yes	Yes	Yes
	Ireland	a	2010	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Israel	a	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Italy	a	2010	m	Yes	Yes	Yes	m	No	Yes	Yes	m	No	Yes	Yes	Yes
	Japan	a	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Korea	a	2010	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
	Luxembourg	a	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Mexico	a	2010	m	Yes	Yes	Yes	m	No	No	Yes	m	No	No	No	No
	Netherlands <sup>3</sup>	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	New Zealand	a	2010	No	No	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Norway	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Poland	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Portugal	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
Scotland	a	2010	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Slovak Republic	a	2010	m	No	No	No	m	No	No	No	m	No	No	No	No	
Slovenia	a	2010	m	m	m	m	m	m	m	m	m	m	m	m	m	
Spain	a	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	
Sweden	a	2010	No	No	No	No	No	No	No	No	No	No	No	No	No	
Switzerland	a	2010	m	No	No	No	m	Yes	Yes	Yes	m	No	No	No	No	
Turkey	a	2010	Yes	Yes	a	Yes	No	No	a	No	No	No	a	No	No	
United States	a	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Partners	Albania	b	2010	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	a	2010	m	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	a	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Bulgaria	b	2010	No	No	No	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes
	Colombia	b	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Costa Rica			m	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	b	2011	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
	Cyprus*	b	2010	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Hong Kong-China	b	2010	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Indonesia	a	2010	m	No	No	No	m	No	No	No	m	Yes	Yes	Yes	Yes
	Jordan	b	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Kazakhstan			m	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	b	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Liechtenstein	b	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Lithuania	b	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Macao-China	b	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Malaysia	b	2010	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Montenegro	b	2010	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
	Peru	b	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Qatar	b	2010	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Romania	b	2010	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
	Russian Federation	a	2010	m	m	m	m	m	m	m	m	m	m	m	m	m
	Serbia			m	m	m	m	m	m	m	m	m	m	m	m	m
	Shanghai-China	b	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
	Singapore	b	2010	No	No	No	No	No	No	No	No	No	No	No	No	No
	Chinese Taipei	b	2011	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
	Thailand	b	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Tunisia	b	2010	No	No	m	m	No	No	m	m	No	No	m	m	m
United Arab Emirates	b	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	
Uruguay	b	2010	No	No	No	No	No	No	No	No	Yes	Yes	No	No	No	
Viet Nam	b	2010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

1. The data of *Education at a Glance 2012: OECD Indicators* (OECD, 2012) have been updated in columns 2 to 4.


2. Refers to pre-primary education provided in primary schools only, for columns 1, 5, 9, 13, 17, 21 and 25.

3. Refers to pre-primary education provided in primary schools for 4-5 year-olds only, for columns 1, 5, 9, 13, 17, 21 and 25.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see *Education at a Glance 2012: OECD Indicators* (OECD, 2012) Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957460>



[Part 2/2]

Table IV.3.5 Requirements to enter the teaching profession, public institutions

	Teaching practicum required to obtain credential/licence				Teaching practicum required after being recruited, as an induction/probation period				Existence of a register for teachers				Compulsory requirement for continuing education to maintain employment in the teaching profession			
	Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education	Pre-primary education	Primary education	Lower secondary education	Upper secondary education
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
<b>OECD</b>																
Australia <sup>1</sup>	m	No	No	No	m	No	No	No	m	Yes	Yes	Yes	m	m	m	m
Austria <sup>2</sup>	No	No	No	No	No	No	a	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Belgium (Fl.)	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Belgium (Fr.)	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Canada	m	Yes	Yes	Yes	m	No	No	No	m	Yes	Yes	Yes	m	No	No	No
Chile	m	No	No	No	m	No	No	No	m	No	No	No	m	No	No	No
Czech Republic	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Denmark	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No
England	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Estonia	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Finland	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
France	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	No	No
Germany	a	Yes	Yes	Yes	a	No	No	No	a	No	No	No	a	No	No	No
Greece	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Hungary	m	No	No	No	m	Yes	Yes	Yes	m	No	No	No	m	Yes	Yes	Yes
Iceland	m	No	No	No	m	No	No	No	m	Yes	Yes	Yes	m	Yes	Yes	No
Ireland	m	m	m	m	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Israel	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Italy	m	No	No	No	m	No	No	No	m	No	No	No	m	No	No	No
Japan	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Korea	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Luxembourg	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mexico	m	No	No	No	m	No	No	No	m	No	No	No	m	No	No	No
Netherlands <sup>3</sup>	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
New Zealand	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	m	m	m	m
Norway	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No
Poland	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Portugal	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Scotland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Slovak Republic	m	No	No	No	m	No	No	No	m	No	No	No	m	No	No	No
Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Spain	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Sweden	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No
Switzerland	m	No	No	No	m	No	No	No	m	No	No	No	m	No	No	No
Turkey	No	No	a	No	Yes	Yes	a	Yes	No	No	a	No	No	No	a	No
United States	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
<b>Partners</b>																
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Bulgaria	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Colombia	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Cyprus*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Hong Kong-China	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Indonesia	m	No	No	No	m	No	No	No	m	Yes	Yes	Yes	m	No	No	No
Jordan	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Liechtenstein	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lithuania	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Macao-China	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Malaysia	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Montenegro	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Peru	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Qatar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Romania	No	No	No	No	Yes	Yes	Yes	Yes	a	a	a	a	Yes	Yes	Yes	Yes
Russian Federation	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Serbia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Shanghai-China	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Singapore	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Chinese Taipei	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No
Thailand	No	No	No	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Tunisia	No	No	m	m	Yes	Yes	m	m	Yes	Yes	m	m	Yes	Yes	m	m
United Arab Emirates	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
Uruguay	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	No
Viet Nam	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	a	a	a	a	Yes	Yes	Yes	Yes

1. The data of *Education at a Glance 2012: OECD Indicators* (OECD, 2012) have been updated in columns 2 to 4.

2. Refers to pre-primary education provided in primary schools only, for columns 1, 5, 9, 13, 17, 21 and 25.

3. Refers to pre-primary education provided in primary schools for 4-5 year-olds only, for columns 1, 5, 9, 13, 17, 21 and 25.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see *Education at a Glance 2012: OECD Indicators* (OECD, 2012) Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

\* See notes at the beginning of this Annex.


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[Part 1/1]  
**Composition and qualifications of teaching staff**  
 Results based on school principals' reports

Table IV.3.6

	School principals' report on the following:							
	Percentage of certified teachers in the school		Percentage of teachers with ISCED 5A in the school		Percentage of mathematics teachers in the school		Percentage of mathematics teachers with ISCED 5A in the school	
	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.
<b>OECD</b>								
Australia	97.8	(0.5)	97.0	(0.7)	17.1	(0.3)	62.8	(1.1)
Austria	87.0	(1.8)	52.6	(1.8)	20.6	(1.2)	46.3	(4.2)
Belgium	87.0	(1.7)	39.1	(1.0)	11.9	(0.2)	23.2	(1.1)
Canada	96.7	(0.8)	95.3	(0.7)	15.2	(0.3)	63.5	(1.6)
Chile	19.5	(2.5)	92.2	(1.4)	10.7	(0.3)	55.3	(2.8)
Czech Republic	91.6	(0.7)	91.8	(0.7)	16.5	(0.9)	81.5	(2.2)
Denmark	m	m	88.6	(1.8)	35.8	(0.9)	72.0	(2.6)
Estonia	94.9	(0.4)	m	m	9.1	(0.3)	73.6	(2.4)
Finland	91.5	(0.9)	91.5	(0.9)	14.4	(0.3)	63.5	(2.0)
France	81.4	(1.6)	65.7	(3.1)	11.3	(0.2)	83.0	(2.7)
Germany	93.4	(1.3)	m	m	27.6	(0.8)	60.0	(2.6)
Greece	81.8	(3.1)	93.5	(1.3)	13.9	(0.2)	98.3	(1.1)
Hungary	m	m	99.3	(0.2)	12.5	(0.5)	83.2	(3.2)
Iceland	97.6	(0.0)	81.8	(0.2)	38.1	(0.1)	6.5	(0.1)
Ireland	99.6	(0.1)	99.7	(0.2)	19.7	(0.5)	67.4	(2.5)
Israel	75.2	(2.9)	85.9	(1.8)	13.5	(0.3)	61.6	(2.6)
Italy	85.5	(0.9)	89.6	(0.8)	11.9	(0.2)	68.8	(1.1)
Japan	99.9	(0.1)	99.9	(0.0)	13.0	(0.3)	m	m
Korea	99.6	(0.2)	99.7	(0.1)	13.8	(0.6)	72.2	(2.3)
Luxembourg	69.4	(0.0)	91.6	(0.0)	10.1	(0.0)	76.1	(0.1)
Mexico	27.7	(1.9)	88.1	(1.0)	23.1	(0.8)	27.6	(1.7)
Netherlands	79.7	(2.8)	32.0	(1.7)	11.1	(0.3)	16.9	(1.6)
New Zealand	95.5	(0.6)	93.1	(1.1)	14.0	(0.4)	59.0	(2.2)
Norway	89.2	(1.8)	100.0	c	32.4	(0.9)	55.2	(2.0)
Poland	99.3	(0.4)	93.2	(1.8)	10.6	(0.2)	86.6	(2.3)
Portugal	95.8	(0.8)	71.5	(4.1)	11.8	(0.3)	74.8	(2.8)
Slovak Republic	94.6	(1.1)	90.4	(1.2)	16.1	(0.8)	43.4	(3.4)
Slovenia	95.3	(0.1)	88.3	(0.2)	9.6	(0.1)	71.3	(0.6)
Spain	100.0	c	94.6	(1.2)	14.6	(0.6)	46.9	(1.5)
Sweden	88.8	(1.3)	76.5	(3.3)	25.7	(0.8)	60.7	(2.1)
Switzerland	85.4	(1.7)	64.8	(2.8)	26.2	(0.9)	35.9	(2.4)
Turkey	92.1	(1.3)	93.3	(1.5)	12.1	(0.3)	13.4	(2.9)
United Kingdom	95.2	(1.1)	95.8	(1.2)	11.8	(0.2)	71.7	(1.9)
United States	95.5	(0.8)	98.7	(0.2)	14.6	(0.7)	65.8	(3.4)
OECD average	87.0	(0.3)	85.5	(0.3)	16.8	(0.1)	59.0	(0.4)
<b>Partners</b>								
Albania	93.9	(2.2)	83.9	(1.5)	11.6	(0.3)	15.4	(2.3)
Argentina	88.3	(2.2)	17.5	(1.5)	9.5	(0.4)	9.9	(1.9)
Brazil	m	m	87.1	(1.0)	16.3	(0.6)	72.8	(1.9)
Bulgaria	m	m	m	m	9.9	(0.9)	86.0	(2.3)
Colombia	10.0	(1.2)	90.8	(1.3)	13.3	(0.6)	19.8	(2.6)
Costa Rica	78.7	(2.0)	84.0	(2.2)	10.3	(0.4)	71.2	(3.7)
Croatia	100.0	c	94.2	(0.6)	8.1	(0.2)	81.2	(3.1)
Cyprus*	96.7	(0.0)	95.7	(0.0)	9.9	(0.0)	92.9	(0.1)
Hong Kong-China	96.0	(0.7)	97.4	(0.6)	16.4	(0.3)	56.1	(1.7)
Indonesia	60.2	(2.6)	82.1	(1.6)	10.4	(0.3)	76.6	(2.7)
Jordan	73.7	(3.2)	84.8	(1.8)	10.8	(0.2)	89.5	(1.6)
Kazakhstan	91.2	(2.1)	85.3	(2.1)	9.2	(1.0)	87.9	(2.3)
Latvia	80.2	(2.4)	49.7	(2.4)	9.6	(0.2)	40.4	(3.6)
Liechtenstein	80.8	(0.7)	76.5	(0.6)	24.9	(0.3)	42.7	(0.6)
Lithuania	96.3	(0.6)	89.9	(1.7)	10.2	(0.7)	78.8	(2.9)
Macao-China	99.6	(0.0)	92.1	(0.0)	17.8	(0.0)	60.3	(0.0)
Malaysia	97.6	(1.0)	88.8	(1.6)	14.0	(0.3)	23.5	(2.2)
Montenegro	96.1	(0.0)	89.0	(0.1)	8.6	(0.0)	66.6	(0.3)
Peru	89.1	(1.9)	77.3	(3.3)	17.5	(0.6)	25.3	(3.1)
Qatar	75.1	(0.1)	97.0	(0.0)	16.1	(0.0)	39.1	(0.1)
Romania	99.4	(0.2)	95.9	(0.7)	9.3	(0.2)	92.8	(1.4)
Russian Federation	97.3	(0.5)	87.9	(1.2)	10.1	(0.2)	88.0	(2.0)
Serbia	91.1	(1.9)	6.8	(1.7)	8.2	(0.2)	83.1	(3.4)
Shanghai-China	96.7	(0.5)	95.1	(0.5)	15.1	(0.2)	85.0	(1.3)
Singapore	96.9	(0.0)	95.1	(0.0)	18.2	(0.0)	67.7	(0.2)
Chinese Taipei	92.9	(0.8)	90.6	(2.2)	12.2	(0.2)	75.4	(2.2)
Thailand	93.7	(0.7)	99.2	(0.2)	11.3	(0.3)	79.0	(2.1)
Tunisia	56.9	(3.9)	87.3	(1.7)	11.3	(0.6)	87.7	(1.9)
United Arab Emirates	m	m	91.2	(0.8)	14.1	(0.4)	85.5	(1.0)
Uruguay	57.0	(1.3)	8.3	(0.6)	10.3	(0.4)	1.5	(0.5)
Viet Nam	78.5	(3.4)	87.2	(2.6)	16.1	(0.3)	62.4	(3.8)

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Student-teacher ratio

Table IV.3.8 Results based on school principals' reports

		School principals' report on the following:			
		Student-teacher ratio in the school		Student-mathematics teacher ratio in the school	
		Mean ratio	S.E.	Mean ratio	S.E.
OECD	Australia	13.2	(0.1)	91.3	(1.7)
	Austria	11.0	(0.4)	96.6	(5.6)
	Belgium	9.3	(0.1)	86.7	(2.3)
	Canada	15.6	(0.2)	122.5	(4.5)
	Chile	22.1	(0.5)	223.5	(6.0)
	Czech Republic	13.1	(0.3)	110.6	(5.8)
	Denmark	12.1	(0.2)	37.5	(1.1)
	Estonia	11.4	(0.1)	140.8	(2.5)
	Finland	10.6	(0.1)	83.1	(2.3)
	France	11.8	(0.2)	111.1	(2.4)
	Germany	15.1	(0.3)	68.6	(3.6)
	Greece	9.1	(0.3)	67.6	(1.6)
	Hungary	12.4	(0.3)	117.2	(4.4)
	Iceland	10.5	(0.0)	33.8	(0.1)
	Ireland	14.3	(0.2)	78.1	(2.9)
	Israel	10.8	(0.2)	85.8	(2.7)
	Italy	10.3	(0.1)	96.8	(2.5)
	Japan	11.6	(0.2)	96.5	(2.6)
	Korea	16.1	(0.2)	132.6	(2.9)
	Luxembourg	9.0	(0.0)	110.8	(0.1)
	Mexico	30.6	(0.7)	187.0	(6.0)
	Netherlands	16.8	(0.4)	157.5	(4.7)
	New Zealand	15.2	(0.2)	119.3	(3.2)
	Norway	10.4	(0.1)	35.7	(0.9)
	Poland	9.4	(0.2)	94.6	(2.3)
	Portugal	8.9	(0.2)	81.3	(2.3)
	Slovak Republic	13.3	(0.3)	127.5	(6.1)
	Slovenia	10.5	(0.0)	121.1	(0.6)
	Spain	12.5	(0.4)	114.0	(6.7)
	Sweden	12.5	(0.2)	57.0	(2.8)
	Switzerland	12.1	(0.3)	88.3	(16.7)
	Turkey	17.4	(0.5)	181.9	(9.0)
	United Kingdom	14.8	(0.2)	129.5	(2.2)
	United States	17.4	(1.1)	121.2	(4.5)
OECD average	13.3	(0.1)	106.1	(0.8)	
Partners	Albania	c	c	c	c
	Argentina	10.5	(1.2)	100.0	(4.2)
	Brazil	28.2	(0.7)	223.8	(12.5)
	Bulgaria	14.6	(1.4)	161.3	(5.5)
	Colombia	27.0	(0.6)	246.8	(8.6)
	Costa Rica	20.4	(2.5)	197.8	(9.7)
	Croatia	12.6	(0.2)	164.8	(3.8)
	Cyprus*	7.9	(0.0)	81.1	(0.0)
	Hong Kong-China	15.4	(0.1)	96.6	(1.8)
	Indonesia	16.9	(0.6)	166.6	(6.4)
	Jordan	17.0	(0.4)	157.1	(3.8)
	Kazakhstan	10.0	(0.2)	149.8	(6.7)
	Latvia	10.0	(0.2)	117.2	(3.1)
	Liechtenstein	8.0	(0.0)	40.7	(0.4)
	Lithuania	11.4	(0.6)	121.8	(1.9)
	Macao-China	15.7	(0.0)	95.9	(0.0)
	Malaysia	13.4	(0.2)	100.8	(2.5)
	Montenegro	15.7	(0.0)	222.7	(0.6)
	Peru	18.5	(0.6)	131.8	(7.6)
	Qatar	13.9	(0.0)	108.5	(0.2)
	Romania	16.1	(0.4)	182.9	(4.6)
	Russian Federation	14.3	(0.2)	156.9	(5.0)
	Serbia	11.5	(0.3)	157.2	(6.3)
	Shanghai-China	12.1	(0.4)	118.3	(8.7)
	Singapore	14.6	(0.3)	85.8	(1.5)
	Chinese Taipei	17.4	(0.2)	183.9	(8.4)
	Thailand	20.3	(0.4)	289.1	(14.8)
	Tunisia	12.2	(0.7)	107.4	(1.8)
	United Arab Emirates	12.2	(0.3)	101.0	(3.3)
	Uruguay	15.5	(0.3)	160.5	(4.4)
Viet Nam	18.8	(0.4)	119.3	(3.3)	

\* See notes at the beginning of this Annex.

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[Part 1/4]  
Student-teacher ratio, by school features

Table IV.3.9 Results based on school principals' reports


		School principals' report on the following:													
		Student-teacher ratio in the school													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>			
		Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.		
OECD	Australia	<b>13.1</b>	(0.1)	13.4	(0.1)	13.3	(0.1)	<b>12.9</b>	(0.1)	12.7	(0.2)	13.7	(0.1)	12.4	(0.2)
	Austria	11.5	(0.7)	11.5	(0.6)	10.6	(0.5)	10.4	(0.3)	12.7	(1.3)	10.4	(0.5)	10.0	(0.4)
	Belgium	<b>8.0</b>	(0.2)	9.0	(0.2)	9.7	(0.2)	<b>10.5</b>	(0.2)	<b>6.9</b>	(0.2)	9.1	(0.3)	<b>11.5</b>	(0.2)
	Canada	<b>15.0</b>	(0.2)	15.7	(0.2)	15.8	(0.2)	<b>16.1</b>	(0.3)	<b>14.7</b>	(0.4)	15.3	(0.3)	<b>16.9</b>	(0.3)
	Chile	21.1	(0.6)	23.1	(0.7)	23.5	(0.6)	20.6	(0.6)	21.4	(0.7)	23.2	(1.5)	22.3	(0.8)
	Czech Republic	12.8	(0.4)	13.3	(0.4)	13.2	(0.3)	13.2	(0.3)	12.4	(0.8)	13.6	(0.4)	12.5	(0.5)
	Denmark	<b>11.6</b>	(0.3)	12.0	(0.3)	12.3	(0.3)	<b>12.5</b>	(0.3)	<b>11.0</b>	(0.6)	12.0	(0.3)	<b>13.4</b>	(0.5)
	Estonia	<b>10.4</b>	(0.2)	11.1	(0.2)	11.8	(0.2)	<b>12.2</b>	(0.1)	<b>9.7</b>	(0.4)	11.2	(0.2)	<b>13.2</b>	(0.2)
	Finland	<b>10.2</b>	(0.2)	10.6	(0.1)	10.7	(0.1)	<b>10.9</b>	(0.1)	<b>9.2</b>	(0.3)	10.8	(0.2)	<b>11.4</b>	(0.2)
	France	11.8	(0.2)	11.9	(0.2)	11.7	(0.2)	11.9	(0.3)	12.3	(0.4)	11.3	(0.3)	12.2	(0.4)
	Germany	<b>14.3</b>	(0.3)	15.1	(0.4)	15.4	(0.4)	<b>15.6</b>	(0.5)	<b>13.5</b>	(0.5)	15.7	(0.3)	<b>16.0</b>	(0.9)
	Greece	<b>8.5</b>	(0.3)	9.1	(0.4)	9.5	(0.3)	<b>9.4</b>	(0.3)	<b>7.7</b>	(0.3)	9.8	(0.5)	<b>9.3</b>	(0.4)
	Hungary	12.8	(0.5)	12.3	(0.4)	12.2	(0.4)	12.4	(0.3)	13.4	(0.7)	11.4	(0.5)	12.6	(0.3)
	Iceland	<b>10.1</b>	(0.1)	10.4	(0.1)	10.6	(0.1)	<b>11.0</b>	(0.1)	<b>9.8</b>	(0.0)	10.3	(0.0)	<b>11.7</b>	(0.0)
	Ireland	<b>13.7</b>	(0.2)	14.4	(0.2)	14.5	(0.2)	<b>14.7</b>	(0.2)	<b>12.6</b>	(0.5)	14.5	(0.2)	<b>15.0</b>	(0.4)
	Israel	11.0	(0.3)	10.8	(0.3)	10.6	(0.2)	11.0	(0.2)	11.1	(0.5)	10.6	(0.4)	10.8	(0.4)
	Italy	<b>9.4</b>	(0.1)	10.0	(0.1)	10.6	(0.1)	<b>11.3</b>	(0.2)	<b>8.7</b>	(0.2)	9.9	(0.2)	<b>12.3</b>	(0.2)
	Japan	<b>10.6</b>	(0.2)	11.6	(0.3)	12.1	(0.3)	<b>12.4</b>	(0.3)	<b>10.0</b>	(0.4)	12.0	(0.5)	<b>13.0</b>	(0.5)
	Korea	<b>15.3</b>	(0.3)	16.1	(0.3)	16.4	(0.3)	<b>16.6</b>	(0.4)	<b>14.0</b>	(0.5)	17.0	(0.4)	<b>16.6</b>	(0.7)
	Luxembourg	<b>8.9</b>	(0.0)	8.9	(0.0)	9.0	(0.0)	<b>9.3</b>	(0.0)	<b>9.0</b>	(0.0)	8.6	(0.0)	<b>9.3</b>	(0.0)
	Mexico	<b>28.2</b>	(0.8)	31.5	(1.0)	32.4	(0.9)	<b>30.1</b>	(0.8)	<b>27.3</b>	(0.7)	34.0	(1.9)	<b>30.5</b>	(1.0)
	Netherlands	15.7	(0.4)	16.6	(0.4)	17.1	(0.4)	<b>17.7</b>	(0.5)	<b>14.1</b>	(0.4)	17.6	(0.5)	<b>18.1</b>	(0.8)
	New Zealand	<b>14.8</b>	(0.3)	15.1	(0.3)	15.4	(0.2)	<b>15.4</b>	(0.3)	14.1	(0.6)	15.3	(0.3)	15.5	(0.5)
	Norway	<b>10.2</b>	(0.2)	10.4	(0.1)	10.4	(0.2)	<b>10.9</b>	(0.2)	<b>10.7</b>	(0.4)	10.1	(0.2)	<b>11.6</b>	(0.3)
	Poland	9.4	(0.2)	9.2	(0.2)	9.5	(0.3)	9.6	(0.2)	<b>8.7</b>	(0.3)	9.8	(0.3)	<b>9.7</b>	(0.4)
	Portugal	<b>8.2</b>	(0.3)	8.5	(0.2)	8.8	(0.2)	<b>9.9</b>	(0.2)	<b>7.7</b>	(0.4)	9.0	(0.3)	<b>10.4</b>	(0.4)
Slovak Republic	13.2	(0.3)	13.0	(0.4)	13.4	(0.3)	13.4	(0.3)	12.8	(0.6)	13.6	(0.4)	13.1	(0.4)	
Slovenia	<b>9.8</b>	(0.1)	10.4	(0.1)	10.6	(0.1)	<b>11.4</b>	(0.1)	<b>9.5</b>	(0.1)	10.2	(0.1)	<b>12.0</b>	(0.0)	
Spain	<b>11.7</b>	(0.6)	12.1	(0.5)	12.7	(0.3)	<b>13.6</b>	(0.3)	<b>11.6</b>	(1.3)	11.8	(0.2)	<b>14.7</b>	(0.4)	
Sweden	<b>12.1</b>	(0.2)	12.2	(0.2)	12.7	(0.3)	<b>12.9</b>	(0.3)	<b>11.4</b>	(0.5)	12.2	(0.3)	<b>14.0</b>	(0.5)	
Switzerland	12.3	(0.4)	12.2	(0.3)	12.1	(0.3)	11.7	(0.2)	12.1	(0.6)	12.3	(0.5)	11.6	(0.5)	
Turkey	<b>19.3</b>	(0.9)	18.0	(0.6)	17.4	(0.6)	<b>15.1</b>	(0.7)	<b>20.7</b>	(1.4)	16.9	(0.8)	<b>14.2</b>	(1.0)	
United Kingdom	<b>14.9</b>	(0.2)	15.1	(0.2)	15.0	(0.2)	<b>14.2</b>	(0.2)	14.5	(0.4)	15.4	(0.1)	13.8	(0.4)	
United States	17.4	(1.0)	17.4	(1.2)	17.1	(0.9)	17.7	(1.5)	16.8	(1.1)	17.1	(1.1)	18.5	(2.4)	
OECD average	<b>12.9</b>	(0.1)	13.3	(0.1)	13.5	(0.1)	<b>13.5</b>	(0.1)	<b>12.5</b>	(0.1)	13.4	(0.1)	<b>13.8</b>	(0.1)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	9.6	(1.2)	10.4	(1.1)	11.1	(1.5)	10.8	(1.2)	9.6	(0.7)	10.7	(3.2)	11.3	(1.3)
	Brazil	<b>29.7</b>	(0.8)	29.5	(0.8)	28.6	(1.0)	<b>24.7</b>	(1.0)	<b>31.3</b>	(1.2)	28.6	(1.1)	<b>22.9</b>	(1.5)
	Bulgaria	14.7	(2.0)	14.5	(1.6)	15.5	(2.0)	14.0	(0.7)	13.8	(2.8)	16.5	(3.3)	13.7	(0.7)
	Colombia	26.3	(0.9)	28.2	(0.7)	28.3	(0.7)	25.3	(0.8)	26.0	(1.4)	28.8	(1.0)	25.4	(0.9)
	Costa Rica	17.8	(0.8)	18.3	(0.9)	20.1	(1.6)	25.4	(9.1)	16.5	(1.0)	19.7	(1.4)	25.3	(9.1)
	Croatia	<b>12.3</b>	(0.2)	12.5	(0.2)	12.5	(0.2)	<b>13.1</b>	(0.3)	<b>12.2</b>	(0.3)	12.2	(0.3)	<b>14.0</b>	(0.4)
	Cyprus*	<b>7.4</b>	(0.0)	7.8	(0.0)	8.1	(0.0)	<b>8.5</b>	(0.0)	<b>7.0</b>	(0.0)	8.1	(0.0)	<b>8.9</b>	(0.0)
	Hong Kong-China	15.1	(0.2)	15.6	(0.1)	15.7	(0.1)	15.3	(0.3)	14.5	(0.2)	16.4	(0.2)	15.1	(0.4)
	Indonesia	17.1	(0.7)	17.4	(0.7)	16.7	(0.7)	16.2	(0.8)	17.9	(0.9)	15.6	(1.1)	16.7	(1.0)
	Jordan	<b>17.3</b>	(0.4)	17.3	(0.4)	17.4	(0.5)	<b>16.2</b>	(0.6)	16.7	(0.8)	17.8	(0.6)	15.0	(1.0)
	Kazakhstan	<b>9.5</b>	(0.3)	9.9	(0.2)	10.2	(0.2)	<b>10.4</b>	(0.4)	<b>9.2</b>	(0.5)	9.8	(0.4)	<b>10.8</b>	(0.5)
	Latvia	<b>9.0</b>	(0.2)	10.1	(0.2)	10.1	(0.2)	<b>10.6</b>	(0.3)	<b>8.1</b>	(0.4)	10.4	(0.3)	<b>10.4</b>	(0.4)
	Liechtenstein	7.7	(0.2)	8.1	(0.2)	8.1	(0.2)	<b>8.3</b>	(0.1)	c	c	7.7	(0.1)	c	c
	Lithuania	11.1	(0.9)	11.5	(0.8)	11.4	(0.4)	11.7	(0.6)	11.1	(1.8)	11.4	(0.8)	11.6	(0.3)
	Macao-China	15.7	(0.1)	16.0	(0.1)	15.7	(0.1)	15.4	(0.1)	<b>16.4</b>	(0.0)	14.3	(0.0)	<b>15.2</b>	(0.0)
	Malaysia	13.2	(0.2)	13.3	(0.2)	13.6	(0.3)	13.6	(0.3)	13.3	(0.3)	13.3	(0.4)	13.7	(0.5)
	Montenegro	<b>15.0</b>	(0.1)	15.4	(0.1)	15.7	(0.1)	<b>16.6</b>	(0.1)	<b>14.6</b>	(0.0)	15.7	(0.0)	<b>16.8</b>	(0.0)
	Peru	<b>16.8</b>	(0.6)	18.3	(0.6)	19.5	(0.8)	<b>19.4</b>	(0.7)	<b>17.0</b>	(0.7)	18.3	(0.9)	<b>20.1</b>	(1.1)
	Qatar	13.2	(0.2)	14.8	(0.2)	14.3	(0.2)	13.8	(0.2)	<b>12.5</b>	(0.0)	11.8	(0.0)	<b>16.0</b>	(0.0)
	Romania	<b>17.2</b>	(0.6)	16.0	(0.4)	15.7	(0.5)	<b>15.4</b>	(0.4)	<b>18.1</b>	(0.9)	15.4	(0.5)	<b>15.0</b>	(0.7)
	Russian Federation	<b>12.7</b>	(0.3)	14.5	(0.3)	14.9	(0.2)	<b>14.9</b>	(0.3)	<b>12.2</b>	(0.8)	14.4	(0.4)	<b>15.5</b>	(0.3)
	Serbia	<b>11.0</b>	(0.3)	11.2	(0.3)	11.5	(0.3)	<b>12.3</b>	(0.4)	<b>10.5</b>	(0.4)	11.3	(0.6)	<b>13.3</b>	(0.6)
	Shanghai-China	<b>13.3</b>	(0.7)	12.5	(0.5)	11.6	(0.3)	<b>11.2</b>	(0.3)	<b>14.7</b>	(0.8)	11.5	(0.6)	<b>10.5</b>	(0.3)
	Singapore	14.2	(0.1)	14.4	(0.1)	14.8	(0.3)	15.0	(1.0)	14.0	(0.0)	14.3	(0.1)	15.9	(1.3)
	Chinese Taipei	17.4	(0.4)	17.5	(0.3)	17.4	(0.3)	17.3	(0.3)	18.0	(0.7)	16.6	(0.5)	18.0	(0.5)
Thailand	<b>19.5</b>	(0.5)	20.3	(0.5)	20.5	(0.5)	<b>20.8</b>	(0.6)	19.8	(0.7)	20.0	(0.8)	21.1	(0.7)	
Tunisia	11.6	(0.3)	12.2	(0.6)	12.4	(1.0)	12.7	(1.3)	11.4	(0.3)	11.7	(0.3)	14.1	(2.9)	
United Arab Emirates	12.2	(0.3)	12.4	(0.3)	12.1	(0.4)	11.9	(0.4)	12.0	(0.4)	12.4	(0.4)	12.0	(0.5)	
Uruguay	15.2	(0.5)	16.3	(0.4)	16.2	(0.4)	14.3	(0.6)	<b>15.5</b>	(0.6)	16.9	(0.6)	<b>13.2</b>	(0.7)	
Viet Nam	17.6	(0.4)	19.0	(0.4)	19.5	(0.5)	19.1	(0.8)	18.0	(0.5)	19.4	(0.6)	19.2	(1.2)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 2/4]  
Student-teacher ratio, by school features

Table IV.3.9 Results based on school principals' reports


		School principals' report on the following:													
		Student-teacher ratio in the school													
		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
		Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.
OECD	Australia	13.5	(0.1)	12.6	(0.2)	13.1	(0.1)	13.3	(0.1)	11.5	(0.4)	13.5	(0.1)	13.2	(0.1)
	Austria	11.2	(0.5)	9.3	(0.7)	8.1	(0.5)	11.2	(0.5)	7.6	(0.6)	11.7	(0.7)	10.9	(0.8)
	Belgium	8.4	(0.3)	9.5	(0.2)	7.5	(0.2)	9.5	(0.1)	7.8	(1.4)	9.2	(0.2)	9.6	(0.5)
	Canada	15.5	(0.2)	16.6	(0.8)	15.9	(0.3)	15.6	(0.2)	15.5	(1.1)	15.3	(0.3)	15.8	(0.3)
	Chile	19.6	(0.7)	23.5	(0.7)	19.9	(2.1)	22.2	(0.5)	15.2	(1.1)	21.7	(0.6)	22.7	(0.8)
	Czech Republic	13.3	(0.3)	10.9	(0.8)	14.6	(0.3)	11.3	(0.5)	13.5	(1.4)	13.0	(0.3)	13.3	(0.6)
	Denmark	12.5	(0.3)	10.8	(0.5)	12.1	(0.2)	8.5	(0.5)	10.4	(0.5)	12.5	(0.3)	13.2	(0.7)
	Estonia	11.4	(0.1)	9.5	(0.9)	11.4	(0.1)	12.5	(1.1)	8.4	(0.3)	11.9	(0.2)	13.0	(0.2)
	Finland	10.6	(0.1)	10.7	(0.5)	10.6	(0.1)	c	c	9.1	(0.4)	10.5	(0.2)	11.3	(0.2)
	France	11.8	(0.2)	12.4	(0.7)	13.6	(0.3)	11.0	(0.2)	11.7	(0.9)	11.9	(0.2)	11.4	(0.5)
	Germany	15.1	(0.3)	15.7	(0.9)	15.0	(0.3)	19.9	(2.4)	c	c	14.9	(0.3)	15.7	(0.9)
	Greece	9.1	(0.3)	c	c	9.1	(0.6)	9.1	(0.3)	7.9	(0.9)	9.6	(0.4)	8.6	(0.4)
	Hungary	12.5	(0.3)	12.2	(1.0)	10.9	(0.4)	12.6	(0.4)	9.0	(0.9)	12.6	(0.4)	12.4	(0.6)
	Iceland	10.5	(0.0)	c	c	10.5	(0.0)	c	c	8.4	(0.0)	11.0	(0.0)	11.2	(0.0)
	Ireland	13.8	(0.3)	14.7	(0.2)	14.3	(0.2)	14.2	(0.2)	13.8	(0.4)	14.8	(0.2)	13.8	(0.5)
	Israel	10.8	(0.2)	c	c	10.8	(0.3)	10.8	(0.2)	10.0	(0.4)	11.4	(0.4)	10.6	(0.4)
	Italy	10.3	(0.1)	11.9	(0.7)	8.8	(0.6)	10.3	(0.1)	9.2	(0.8)	10.2	(0.1)	10.8	(0.2)
	Japan	11.7	(0.2)	11.6	(0.6)	c	c	11.6	(0.2)	c	c	10.5	(0.5)	12.1	(0.3)
	Korea	16.1	(0.4)	16.2	(0.4)	18.3	(0.8)	16.0	(0.2)	c	c	14.4	(0.9)	16.5	(0.3)
	Luxembourg	8.9	(0.0)	9.7	(0.0)	8.9	(0.0)	9.3	(0.0)	c	c	9.1	(0.0)	c	c
	Mexico	32.1	(0.8)	18.4	(1.3)	26.0	(1.0)	33.4	(1.1)	22.1	(1.0)	33.7	(1.7)	30.5	(0.9)
	Netherlands	16.7	(0.8)	16.8	(0.3)	16.0	(0.4)	18.7	(0.6)	c	c	16.4	(0.4)	17.6	(0.6)
	New Zealand	15.4	(0.2)	12.1	(0.6)	15.2	(0.3)	15.2	(0.2)	11.8	(0.4)	14.7	(0.4)	15.8	(0.3)
	Norway	10.5	(0.1)	c	c	10.4	(0.1)	c	c	8.9	(0.3)	10.6	(0.2)	11.5	(0.3)
	Poland	9.5	(0.2)	5.8	(0.6)	9.4	(0.2)	c	c	9.0	(0.3)	9.8	(0.3)	9.3	(0.5)
	Portugal	8.2	(0.2)	13.8	(0.6)	8.1	(0.2)	9.4	(0.2)	9.1	(2.1)	8.6	(0.2)	9.4	(0.5)
	Slovak Republic	13.4	(0.2)	11.4	(0.6)	13.5	(0.2)	13.1	(0.4)	12.8	(0.4)	13.2	(0.3)	14.0	(0.8)
	Slovenia	10.5	(0.0)	11.7	(0.1)	9.7	(0.3)	10.6	(0.0)	9.1	(0.5)	10.0	(0.0)	11.5	(0.1)
	Spain	10.8	(0.6)	16.2	(0.3)	12.5	(0.4)	c	c	7.9	(0.4)	11.4	(0.2)	14.7	(1.0)
	Sweden	12.2	(0.2)	14.3	(0.7)	12.5	(0.2)	11.7	(0.6)	11.7	(0.6)	12.2	(0.3)	13.6	(0.5)
	Switzerland	12.1	(0.3)	11.5	(1.2)	11.4	(0.3)	14.4	(0.7)	11.5	(0.7)	12.2	(0.4)	11.5	(0.8)
	Turkey	17.5	(0.5)	c	c	31.9	(3.4)	17.0	(0.5)	23.4	(5.7)	15.2	(0.7)	18.7	(0.8)
	United Kingdom	15.4	(0.1)	14.3	(0.3)	c	c	14.8	(0.2)	14.4	(0.7)	14.8	(0.2)	14.8	(0.3)
United States	17.7	(1.1)	13.3	(0.7)	17.3	(1.9)	17.4	(1.1)	17.5	(4.7)	16.4	(0.5)	19.0	(2.2)	
OECD average	13.2	(0.1)	13.0	(0.1)	13.4	(0.1)	14.0	(0.1)	11.7	(0.3)	13.2	(0.1)	13.9	(0.1)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	9.9	(1.8)	11.3	(1.2)	10.1	(1.4)	10.7	(1.2)	5.0	(0.6)	9.4	(0.6)	13.8	(3.3)
	Brazil	28.9	(0.8)	23.3	(2.3)	30.1	(1.9)	27.7	(0.7)	18.6	(3.2)	29.0	(0.8)	27.6	(1.1)
	Bulgaria	14.7	(1.5)	c	c	20.4	(8.6)	14.3	(1.5)	21.0	(11.1)	15.4	(2.4)	12.7	(0.4)
	Colombia	27.2	(0.7)	27.4	(1.9)	27.2	(0.7)	26.9	(0.6)	24.3	(2.5)	25.3	(1.0)	28.5	(0.8)
	Costa Rica	18.5	(0.9)	30.0	(14.6)	20.6	(2.3)	20.0	(3.0)	17.9	(2.5)	17.5	(0.6)	34.6	(13.8)
	Croatia	12.6	(0.2)	c	c	c	c	12.6	(0.2)	c	c	12.2	(0.2)	13.3	(0.3)
	Cyprus*	7.6	(0.0)	9.9	(0.0)	7.8	(0.0)	7.9	(0.0)	6.7	(0.0)	8.0	(0.0)	7.9	(0.0)
	Hong Kong-China	17.0	(0.3)	15.4	(0.1)	15.3	(0.1)	15.5	(0.2)	c	c	c	c	15.4	(0.1)
	Indonesia	17.4	(0.7)	16.2	(1.0)	17.2	(0.7)	16.6	(0.8)	15.6	(1.1)	17.0	(0.7)	18.2	(1.5)
	Jordan	17.0	(0.5)	17.2	(1.0)	17.0	(0.4)	c	c	13.1	(0.8)	16.6	(0.7)	18.3	(0.6)
	Kazakhstan	9.8	(0.2)	15.7	(2.0)	9.6	(0.3)	10.9	(0.4)	7.5	(0.4)	10.2	(0.4)	11.7	(0.4)
	Latvia	10.1	(0.2)	c	c	9.9	(0.2)	11.4	(0.7)	7.5	(0.2)	10.5	(0.3)	11.1	(0.4)
	Liechtenstein	8.1	(0.0)	c	c	7.9	(0.0)	8.9	(0.0)	c	c	8.0	(0.0)	c	c
	Lithuania	11.4	(0.6)	c	c	11.4	(0.6)	c	c	12.2	(2.9)	11.6	(0.2)	10.8	(0.3)
	Macao-China	c	c	16.0	(0.0)	15.4	(0.0)	16.0	(0.0)	c	c	c	c	15.7	(0.0)
	Malaysia	13.3	(0.2)	17.5	(1.5)	15.0	(0.4)	13.3	(0.2)	13.1	(0.5)	13.4	(0.3)	13.7	(0.4)
	Montenegro	15.7	(0.0)	c	c	c	c	15.7	(0.0)	c	c	15.2	(0.0)	16.7	(0.0)
	Peru	17.7	(0.5)	22.3	(2.5)	17.6	(0.8)	18.9	(0.6)	13.8	(0.8)	19.1	(0.7)	19.8	(1.1)
	Qatar	12.9	(0.0)	15.6	(0.0)	12.5	(0.0)	14.3	(0.0)	11.8	(0.0)	12.0	(0.0)	16.2	(0.0)
	Romania	16.1	(0.4)	c	c	16.1	(0.4)	c	c	16.6	(1.4)	16.5	(0.6)	15.3	(0.5)
	Russian Federation	14.3	(0.2)	c	c	14.2	(0.2)	14.4	(0.5)	8.0	(0.7)	15.1	(0.6)	16.3	(0.2)
	Serbia	11.5	(0.3)	c	c	c	c	11.5	(0.3)	c	c	11.2	(0.4)	11.8	(0.4)
	Shanghai-China	11.7	(0.4)	16.1	(1.0)	11.5	(0.5)	12.6	(0.5)	c	c	c	c	12.1	(0.4)
	Singapore	14.5	(0.0)	c	c	14.5	(0.3)	14.6	(0.3)	c	c	c	c	14.6	(0.3)
	Chinese Taipei	14.6	(0.2)	22.5	(0.6)	14.7	(0.2)	18.9	(0.3)	c	c	16.5	(0.4)	18.0	(0.4)
	Thailand	20.3	(0.5)	20.2	(1.2)	17.3	(0.5)	21.0	(0.5)	15.2	(0.8)	21.0	(0.6)	21.5	(0.7)
Tunisia	12.2	(0.7)	c	c	14.1	(1.9)	11.1	(0.3)	11.7	(1.0)	12.5	(1.0)	11.5	(0.4)	
United Arab Emirates	11.2	(0.2)	12.5	(0.6)	13.0	(0.6)	12.0	(0.3)	11.3	(0.5)	12.8	(0.5)	11.9	(0.4)	
Uruguay	16.0	(0.4)	12.8	(0.9)	14.6	(0.5)	16.1	(0.4)	13.6	(1.7)	15.3	(0.4)	16.1	(0.6)	
Viet Nam	18.5	(0.4)	21.7	(1.9)	15.4	(0.7)	19.2	(0.5)	18.4	(0.6)	19.2	(0.8)	19.1	(1.1)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 3/4]  
**Student-teacher ratio, by school features**  
 Results based on school principals' reports

Table IV.3.9


		School principals' report on the following:													
		Student-mathematics teacher ratio in the school													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.
OECD	Australia	88.8	(3.0)	90.2	(2.1)	91.2	(1.5)	94.6	(2.0)	<b>86.8</b>	(4.8)	89.6	(1.9)	<b>98.2</b>	(3.0)
	Austria	<b>81.2</b>	(7.2)	101.7	(6.3)	103.0	(6.3)	<b>100.2</b>	(6.6)	<b>64.8</b>	(11.9)	114.5	(8.8)	<b>103.0</b>	(12.7)
	Belgium	91.0	(4.9)	88.8	(2.4)	83.8	(1.9)	83.2	(2.2)	96.0	(7.6)	85.9	(3.3)	80.3	(3.2)
	Canada	118.7	(6.9)	121.4	(4.0)	126.0	(6.3)	123.8	(3.2)	128.1	(17.2)	116.2	(4.1)	130.6	(4.5)
	Chile	213.8	(7.2)	230.0	(7.7)	230.1	(8.2)	219.9	(7.9)	219.4	(7.4)	226.3	(14.4)	227.4	(11.1)
	Czech Republic	110.0	(6.2)	117.9	(7.2)	111.6	(6.7)	102.5	(5.1)	<b>119.2</b>	(9.6)	117.3	(9.5)	<b>83.8</b>	(5.3)
	Denmark	<b>35.3</b>	(1.4)	37.2	(1.3)	36.9	(1.3)	<b>40.2</b>	(1.4)	37.0	(2.9)	35.0	(1.3)	44.0	(2.3)
	Estonia	<b>124.2</b>	(3.8)	136.2	(3.0)	147.1	(3.3)	<b>156.2</b>	(2.9)	<b>111.7</b>	(7.5)	134.4	(3.9)	<b>180.6</b>	(4.1)
	Finland	<b>80.7</b>	(2.6)	83.1	(2.4)	83.3	(2.8)	<b>85.1</b>	(2.4)	77.6	(5.4)	82.8	(3.1)	89.5	(5.4)
	France	111.8	(2.5)	114.9	(2.7)	111.8	(3.1)	106.4	(3.2)	108.0	(3.2)	118.7	(4.3)	101.9	(3.9)
	Germany	63.7	(6.0)	67.6	(4.1)	67.8	(2.7)	72.1	(2.2)	66.1	(11.4)	65.7	(4.8)	77.1	(2.0)
	Greece	68.4	(2.0)	68.8	(2.5)	68.2	(1.8)	64.7	(1.6)	70.8	(2.8)	68.0	(2.9)	63.9	(2.3)
	Hungary	<b>133.7</b>	(7.3)	119.2	(5.0)	112.5	(5.0)	<b>102.1</b>	(4.7)	<b>143.4</b>	(10.0)	117.0	(9.6)	<b>94.4</b>	(4.2)
	Iceland	<b>29.5</b>	(0.8)	32.3	(0.8)	35.3	(0.8)	<b>38.3</b>	(0.9)	<b>24.7</b>	(0.1)	30.0	(0.2)	<b>48.9</b>	(0.3)
	Ireland	76.7	(3.4)	78.5	(3.4)	78.1	(2.7)	79.0	(2.9)	71.8	(3.8)	80.1	(4.3)	78.2	(3.9)
	Israel	84.7	(3.6)	85.4	(3.0)	84.2	(2.8)	90.4	(2.9)	86.4	(6.0)	83.8	(4.4)	88.0	(3.9)
	Italy	100.2	(1.8)	98.8	(2.0)	96.1	(2.3)	92.1	(5.1)	105.5	(2.7)	96.1	(1.7)	89.7	(7.9)
	Japan	<b>99.5</b>	(2.9)	100.6	(3.2)	96.6	(2.9)	<b>89.0</b>	(2.9)	<b>106.1</b>	(5.5)	99.4	(4.7)	<b>82.0</b>	(3.8)
	Korea	<b>149.1</b>	(4.1)	135.2	(3.5)	126.6	(3.2)	<b>119.3</b>	(3.8)	<b>172.6</b>	(8.4)	122.5	(4.4)	<b>110.7</b>	(6.0)
	Luxembourg	<b>124.6</b>	(1.5)	118.5	(2.1)	108.0	(2.2)	<b>91.1</b>	(1.2)	<b>127.5</b>	(0.2)	116.4	(0.4)	<b>88.9</b>	(0.1)
	Mexico	<b>150.4</b>	(5.0)	194.6	(6.2)	204.1	(5.3)	<b>189.4</b>	(5.0)	<b>144.2</b>	(6.2)	210.5	(9.9)	<b>198.6</b>	(6.1)
	Netherlands	152.3	(5.9)	156.1	(5.3)	161.6	(4.5)	161.2	(5.3)	<b>138.4</b>	(8.9)	162.1	(6.4)	<b>166.2</b>	(8.1)
	New Zealand	116.8	(4.4)	120.0	(3.9)	121.1	(3.2)	119.2	(3.2)	110.6	(7.6)	124.0	(4.6)	115.6	(3.9)
	Norway	<b>33.6</b>	(0.9)	34.6	(0.9)	35.2	(1.1)	<b>39.9</b>	(1.3)	<b>31.8</b>	(2.8)	33.7	(1.0)	<b>46.3</b>	(2.7)
	Poland	<b>89.6</b>	(2.8)	92.6	(2.8)	97.0	(2.7)	<b>99.3</b>	(2.6)	<b>81.5</b>	(4.8)	96.3	(3.3)	<b>108.1</b>	(4.8)
	Portugal	<b>72.2</b>	(2.9)	76.4	(2.4)	79.6	(2.2)	<b>97.6</b>	(4.8)	<b>66.7</b>	(5.0)	80.3	(2.5)	<b>107.0</b>	(7.8)
	Slovak Republic	128.1	(9.7)	139.5	(8.4)	129.5	(6.4)	112.8	(4.5)	<b>149.2</b>	(19.1)	129.5	(8.3)	<b>102.6</b>	(5.9)
	Slovenia	<b>123.6</b>	(1.7)	123.3	(2.1)	119.4	(1.8)	<b>117.9</b>	(1.2)	<b>126.9</b>	(1.4)	120.8	(1.3)	<b>116.2</b>	(0.3)
	Spain	<b>100.4</b>	(3.6)	107.6	(4.7)	119.7	(8.7)	<b>128.8</b>	(13.5)	<b>93.8</b>	(3.5)	105.3	(4.4)	<b>149.7</b>	(22.4)
	Sweden	55.1	(3.6)	56.0	(2.9)	57.4	(3.2)	59.6	(2.6)	<b>49.9</b>	(3.9)	56.7	(4.4)	<b>63.2</b>	(3.5)
	Switzerland	80.2	(19.6)	91.3	(20.3)	93.9	(18.8)	86.9	(11.0)	102.4	(48.0)	69.8	(18.0)	105.6	(19.7)
	Turkey	<b>218.2</b>	(14.2)	192.7	(11.3)	179.8	(10.9)	<b>133.8</b>	(7.8)	<b>237.5</b>	(20.0)	189.1	(18.1)	<b>97.2</b>	(8.1)
	United Kingdom	128.0	(3.0)	129.8	(2.7)	130.3	(2.1)	130.9	(3.2)	123.3	(6.9)	132.4	(1.7)	129.0	(5.2)
	United States	120.7	(6.0)	121.5	(5.2)	121.8	(5.1)	121.0	(3.7)	118.2	(8.4)	122.1	(8.1)	122.1	(4.5)
	OECD average	104.6	(1.0)	107.7	(1.0)	107.3	(0.9)	104.4	(0.8)	105.8	(2.0)	106.8	(1.2)	105.5	(1.3)
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	95.0	(5.2)	98.6	(4.5)	104.6	(4.7)	103.7	(6.6)	97.1	(6.5)	95.5	(7.3)	108.2	(8.5)
	Brazil	215.7	(12.8)	222.9	(13.7)	232.7	(15.5)	223.7	(17.3)	202.1	(12.8)	235.5	(17.6)	231.2	(33.6)
	Bulgaria	165.6	(7.3)	161.2	(6.3)	163.8	(7.3)	155.3	(5.6)	164.8	(9.8)	160.6	(6.1)	159.0	(10.6)
	Colombia	<b>257.4</b>	(12.4)	258.1	(10.3)	250.2	(9.0)	<b>221.3</b>	(10.5)	<b>272.6</b>	(18.9)	255.9	(13.1)	<b>211.1</b>	(12.1)
	Costa Rica	182.0	(9.9)	205.7	(11.0)	204.1	(9.8)	200.0	(19.1)	171.1	(11.2)	219.6	(16.8)	190.6	(20.7)
	Croatia	<b>175.5</b>	(4.4)	169.3	(4.5)	164.0	(4.4)	<b>150.1</b>	(4.0)	<b>188.3</b>	(5.9)	159.8	(7.1)	<b>140.0</b>	(5.4)
	Cyprus*	80.7	(0.2)	82.0	(0.3)	81.5	(0.3)	80.3	(0.3)	<b>80.2</b>	(0.1)	83.5	(0.0)	<b>79.0</b>	(0.1)
	Hong Kong-China	<b>92.5</b>	(1.7)	96.2	(1.9)	98.1	(1.9)	<b>99.9</b>	(2.9)	<b>87.5</b>	(2.2)	101.1	(3.0)	<b>101.9</b>	(3.6)
	Indonesia	168.3	(8.2)	169.5	(7.9)	165.3	(7.5)	163.2	(8.9)	175.6	(11.5)	152.5	(11.3)	168.6	(11.4)
	Jordan	158.9	(4.2)	159.9	(3.6)	158.6	(4.6)	151.8	(4.9)	160.9	(9.5)	161.1	(4.3)	142.2	(9.3)
	Kazakhstan	142.9	(7.1)	151.6	(6.9)	156.2	(8.2)	148.7	(8.0)	136.3	(9.8)	158.8	(12.7)	147.5	(8.1)
	Latvia	<b>102.3</b>	(2.9)	120.0	(4.0)	120.1	(3.7)	<b>125.4</b>	(5.0)	<b>84.1</b>	(5.2)	127.3	(5.7)	<b>119.9</b>	(6.7)
	Liechtenstein	<b>34.3</b>	(1.9)	39.0	(2.2)	43.4	(2.2)	<b>47.7</b>	(1.9)	c	c	33.4	(0.6)	c	c
	Lithuania	118.9	(2.8)	124.4	(2.1)	123.3	(2.5)	120.2	(2.6)	122.6	(5.9)	123.0	(2.9)	118.6	(4.7)
	Macao-China	<b>93.9</b>	(0.9)	95.7	(0.9)	96.3	(1.0)	<b>98.1</b>	(1.0)	<b>99.3</b>	(0.1)	79.2	(0.1)	<b>99.8</b>	(0.1)
	Malaysia	99.5	(2.9)	101.2	(2.6)	100.8	(2.8)	101.8	(3.3)	97.4	(4.3)	104.1	(3.7)	99.2	(5.1)
	Montenegro	<b>242.1</b>	(6.7)	230.0	(6.0)	209.2	(5.2)	<b>210.9</b>	(6.4)	<b>200.0</b>	(0.3)	362.5	(2.4)	<b>164.4</b>	(0.1)
	Peru	120.9	(8.7)	135.8	(11.2)	136.5	(8.2)	134.8	(8.8)	124.2	(13.9)	139.4	(12.7)	132.7	(11.5)
	Qatar	<b>98.1</b>	(1.2)	116.9	(1.5)	115.5	(1.3)	<b>106.6</b>	(0.9)	<b>112.4</b>	(0.4)	91.1	(0.2)	<b>114.5</b>	(0.1)
	Romania	<b>193.5</b>	(6.2)	188.5	(6.4)	183.0	(4.8)	<b>166.9</b>	(4.8)	<b>203.1</b>	(9.0)	179.1	(6.6)	<b>165.9</b>	(8.0)
	Russian Federation	<b>139.5</b>	(6.6)	159.0	(5.7)	165.7	(5.8)	<b>163.6</b>	(5.4)	<b>127.7</b>	(8.4)	167.1	(8.7)	<b>161.1</b>	(5.2)
	Serbia	158.0	(6.2)	159.9	(6.6)	156.9	(6.4)	155.0	(9.9)	150.7	(7.9)	163.7	(9.9)	153.2	(19.2)
	Shanghai-China	<b>151.1</b>	(19.2)	135.3	(13.4)	104.0	(7.9)	<b>81.8</b>	(4.2)	<b>199.7</b>	(27.1)	100.5	(15.2)	<b>65.0</b>	(3.0)
	Singapore	<b>82.6</b>	(0.7)	83.7	(0.9)	86.1	(1.7)	<b>91.2</b>	(4.2)	<b>85.2</b>	(0.1)	79.3	(0.6)	<b>99.2</b>	(5.8)
	Chinese Taipei	<b>202.9</b>	(8.7)	207.5	(18.8)	173.3	(5.2)	<b>152.4</b>	(8.0)	<b>225.6</b>	(18.5)	191.8	(28.0)	<b>122.2</b>	(3.7)
	Thailand	<b>305.8</b>	(20.8)	313.8	(20.3)	300.8	(23.4)	<b>234.3</b>	(14.4)	<b>339.6</b>	(31.7)	315.6	(45.1)	<b>192.9</b>	(15.2)
	Tunisia	<b>109.3</b>	(2.3)	109.0	(1.9)	106.9	(2.0)	<b>103.9</b>	(2.2)	110.7	(3.6)	109.0	(2.7)	101.3	(3.1)
	United Arab Emirates	<b>93.0</b>	(2.6)	98.9	(3.3)	103.9	(4.9)	<b>108.1</b>	(5.1)	<b>89.8</b>	(3.6)	95.3	(4.4)	<b>114.7</b>	(7.2)
	Uruguay	159.3	(4.9)	168.3	(5.2)	167.2	(5.1)	147.2	(7.6)	<b>166.7</b>	(7.4)	166.7	(7.9)	<b>140.1</b>	(11.3)
Viet Nam	115.7	(4.1)	123.4	(4.4)	123.0	(4.0)	115.3	(4.2)	122.8	(6.0)	116.5	(3.5)	117.7	(7.5)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 4/4]  
Student-teacher ratio, by school features  
Results based on school principals' reports

Table IV.3.9

		School principals' report on the following:													
		Student-mathematics teacher ratio in the school													
		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
		Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.	Mean ratio	S.E.
OECD	Australia	90.3	(2.1)	92.6	(2.8)	90.9	(1.7)	92.8	(2.7)	<b>68.8</b>	(5.5)	92.3	(4.3)	92.9	(1.7)
	Austria	94.4	(5.9)	118.1	(21.0)	<b>36.6</b>	(2.9)	<b>100.3</b>	(5.7)	<b>62.2</b>	(11.6)	107.0	(8.2)	91.4	(9.3)
	Belgium	94.1	(4.6)	84.5	(3.0)	79.0	(8.1)	87.5	(2.3)	96.1	(18.4)	84.0	(2.8)	94.3	(5.9)
	Canada	<b>124.9</b>	(4.9)	<b>96.4</b>	(5.8)	117.6	(12.5)	123.3	(3.7)	<b>80.3</b>	(4.4)	116.9	(5.6)	131.7	(7.1)
	Chile	<b>200.1</b>	(8.8)	<b>236.9</b>	(8.2)	209.1	(23.9)	224.4	(6.2)	<b>158.7</b>	(23.7)	226.1	(11.3)	227.2	(8.3)
	Czech Republic	111.1	(6.3)	105.5	(13.7)	110.1	(9.1)	111.1	(6.3)	91.2	(12.6)	111.6	(7.8)	113.6	(6.9)
	Denmark	38.3	(1.3)	35.1	(2.7)	37.2	(1.1)	c	c	31.7	(3.0)	38.1	(1.2)	<b>43.9</b>	(2.4)
	Estonia	140.5	(2.6)	153.6	(10.8)	<b>139.4</b>	(2.4)	<b>210.7</b>	(31.3)	<b>85.8</b>	(4.2)	146.5	(3.5)	<b>175.0</b>	(6.0)
	Finland	83.1	(2.4)	82.4	(1.2)	83.1	(2.3)	c	c	80.9	(7.7)	75.9	(2.4)	<b>102.6</b>	(4.4)
	France	114.1	(2.6)	101.5	(6.8)	115.6	(3.1)	109.2	(3.1)	111.2	(11.4)	113.0	(2.9)	105.2	(4.9)
	Germany	68.6	(3.9)	71.5	(6.1)	<b>62.7</b>	(1.4)	<b>309.0</b>	(82.0)	c	c	69.4	(5.2)	66.5	(3.5)
	Greece	67.8	(1.7)	c	c	<b>87.5</b>	(6.1)	<b>66.5</b>	(1.7)	58.8	(6.3)	70.9	(2.4)	<b>63.6</b>	(2.3)
	Hungary	119.0	(5.0)	108.0	(9.6)	<b>141.6</b>	(10.5)	<b>113.9</b>	(5.3)	<b>88.3</b>	(11.9)	120.2	(6.8)	114.6	(6.8)
	Iceland	33.8	(0.1)	c	c	33.8	(0.1)	c	c	<b>20.5</b>	(0.1)	33.7	(0.1)	<b>43.1</b>	(0.3)
	Ireland	83.0	(6.4)	74.4	(2.6)	78.4	(2.9)	77.7	(2.9)	77.0	(9.1)	78.0	(3.1)	79.4	(4.5)
	Israel	85.8	(2.7)	c	c	86.2	(3.7)	85.8	(2.9)	80.9	(5.7)	88.7	(4.6)	84.3	(3.8)
	Italy	97.5	(2.6)	90.8	(7.9)	<b>70.1</b>	(7.5)	<b>97.4</b>	(2.6)	113.8	(11.3)	97.5	(3.7)	93.9	(2.5)
	Japan	<b>101.2</b>	(2.6)	<b>85.3</b>	(6.1)	c	c	96.5	(2.6)	c	c	92.0	(5.4)	98.1	(3.0)
	Korea	132.5	(4.5)	132.6	(5.7)	<b>161.0</b>	(9.0)	<b>130.8</b>	(3.1)	c	c	124.2	(12.5)	135.2	(3.1)
	Luxembourg	<b>111.7</b>	(0.2)	<b>105.8</b>	(0.2)	<b>114.6</b>	(0.2)	<b>105.0</b>	(0.4)	c	c	111.0	(0.1)	c	c
	Mexico	<b>194.2</b>	(6.6)	<b>129.2</b>	(11.2)	<b>155.4</b>	(8.5)	<b>205.0</b>	(8.1)	<b>81.8</b>	(8.1)	196.7	(11.0)	208.5	(7.4)
	Netherlands	151.5	(10.8)	161.0	(4.9)	<b>152.5</b>	(5.1)	<b>169.4</b>	(6.2)	c	c	156.4	(6.0)	160.3	(5.3)
	New Zealand	<b>120.4</b>	(3.3)	<b>102.2</b>	(8.3)	123.3	(4.2)	119.1	(3.2)	<b>79.8</b>	(6.6)	115.2	(5.2)	126.8	(4.2)
	Norway	36.0	(0.9)	c	c	35.7	(0.9)	c	c	<b>22.1</b>	(2.0)	37.1	(1.1)	<b>44.1</b>	(2.3)
	Poland	<b>95.6</b>	(2.4)	<b>52.9</b>	(5.4)	94.4	(2.3)	c	c	<b>80.3</b>	(4.0)	101.7	(3.6)	101.0	(4.9)
	Portugal	<b>76.3</b>	(2.4)	<b>121.1</b>	(7.5)	<b>70.7</b>	(3.0)	<b>90.0</b>	(2.8)	67.9	(12.5)	77.0	(2.3)	<b>97.9</b>	(7.6)
	Slovak Republic	<b>130.7</b>	(6.6)	<b>93.5</b>	(14.7)	<b>87.2</b>	(4.7)	<b>160.3</b>	(10.1)	<b>70.4</b>	(7.9)	136.4	(8.1)	136.5	(10.6)
	Slovenia	<b>121.0</b>	(0.6)	<b>128.0</b>	(0.6)	<b>140.5</b>	(4.7)	<b>120.1</b>	(0.5)	126.1	(8.3)	114.4	(0.7)	<b>131.4</b>	(1.0)
	Spain	102.0	(3.1)	141.2	(20.6)	114.0	(6.7)	c	c	<b>71.6</b>	(5.3)	104.2	(4.7)	132.7	(15.8)
	Sweden	<b>55.2</b>	(3.2)	<b>69.4</b>	(5.5)	<b>56.1</b>	(2.9)	<b>97.8</b>	(7.0)	61.2	(14.5)	56.6	(2.3)	55.2	(2.5)
	Switzerland	86.8	(17.4)	108.5	(60.7)	<b>47.4</b>	(2.0)	<b>237.5</b>	(67.1)	42.9	(8.4)	87.2	(20.8)	118.7	(34.6)
	Turkey	179.5	(8.8)	c	c	<b>650.4</b>	(101.7)	<b>169.2</b>	(8.7)	250.7	(83.4)	158.9	(13.5)	195.6	(14.7)
	United Kingdom	129.9	(1.6)	130.5	(4.7)	c	c	129.5	(2.2)	134.9	(4.5)	130.2	(2.9)	126.4	(4.2)
United States	122.2	(4.7)	114.0	(15.6)	127.2	(13.1)	120.4	(3.8)	126.4	(32.5)	116.8	(4.7)	126.3	(4.6)	
OECD average	105.7	(0.9)	107.8	(2.5)	115.9	(3.3)	134.3	(3.9)	<b>87.0</b>	(3.3)	105.5	(1.2)	<b>112.7</b>	(1.5)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	96.1	(5.4)	107.7	(6.7)	99.7	(6.1)	100.2	(5.0)	<b>58.3</b>	(9.7)	101.9	(5.8)	107.9	(7.1)
	Brazil	217.4	(12.6)	271.0	(44.7)	<b>187.1</b>	(9.2)	<b>231.7</b>	(14.4)	<b>119.6</b>	(27.7)	221.4	(19.2)	229.0	(16.4)
	Bulgaria	162.3	(5.6)	c	c	176.4	(14.7)	160.6	(5.7)	175.5	(17.9)	159.7	(8.4)	162.6	(7.2)
	Colombia	253.4	(9.1)	222.1	(22.5)	248.0	(9.9)	246.0	(8.7)	260.7	(26.9)	231.3	(17.5)	252.2	(11.1)
	Costa Rica	200.6	(10.0)	191.7	(35.2)	190.6	(9.1)	209.1	(14.6)	189.8	(24.9)	195.9	(9.3)	224.2	(36.5)
	Croatia	165.3	(3.8)	c	c	c	c	164.8	(3.8)	c	c	166.0	(4.0)	163.9	(8.2)
	Cyprus*	<b>82.1</b>	(0.0)	<b>75.8</b>	(0.1)	81.1	(0.5)	81.1	(0.0)	<b>74.3</b>	(0.3)	83.4	(0.0)	<b>77.5</b>	(0.1)
	Hong Kong-China	<b>109.8</b>	(4.0)	<b>96.1</b>	(1.9)	<b>95.2</b>	(1.7)	<b>97.3</b>	(1.8)	c	c	c	c	96.6	(1.8)
	Indonesia	168.8	(6.2)	164.2	(13.9)	<b>152.7</b>	(7.8)	<b>180.3</b>	(9.7)	153.5	(12.3)	165.7	(8.4)	186.0	(14.9)
	Jordan	156.3	(3.5)	160.8	(12.1)	157.1	(3.8)	c	c	<b>125.2</b>	(8.0)	153.9	(6.4)	167.7	(5.2)
	Kazakhstan	144.4	(5.8)	338.4	(137.2)	<b>138.1</b>	(4.4)	<b>180.0</b>	(19.5)	<b>105.9</b>	(5.7)	142.4	(6.9)	<b>187.5</b>	(14.3)
	Latvia	118.0	(3.1)	c	c	114.9	(2.8)	171.4	(39.8)	<b>77.1</b>	(3.7)	119.9	(4.0)	<b>142.3</b>	(7.8)
	Liechtenstein	40.3	(0.4)	c	c	<b>38.2</b>	(0.5)	<b>58.6</b>	(0.0)	c	c	40.7	(0.4)	c	c
	Lithuania	122.2	(1.9)	c	c	121.8	(1.9)	c	c	<b>101.6</b>	(3.9)	124.4	(2.6)	129.2	(3.9)
	Macao-China	c	c	97.7	(0.1)	<b>94.3</b>	(0.2)	<b>97.9</b>	(0.2)	c	c	c	c	96.1	(0.0)
	Malaysia	<b>99.6</b>	(2.6)	<b>125.3</b>	(12.3)	<b>109.4</b>	(4.6)	<b>100.5</b>	(2.5)	92.3	(6.2)	100.4	(3.7)	106.2	(3.9)
	Montenegro	223.3	(0.6)	c	c	c	c	222.5	(0.6)	c	c	171.4	(0.3)	<b>339.5</b>	(1.7)
	Peru	136.5	(8.7)	119.7	(18.6)	125.3	(8.8)	134.7	(7.7)	<b>78.0</b>	(5.2)	126.7	(9.3)	<b>162.1</b>	(15.0)
	Qatar	<b>78.1</b>	(0.0)	<b>163.8</b>	(0.3)	<b>114.0</b>	(0.6)	<b>107.4</b>	(0.2)	<b>101.8</b>	(0.3)	108.5	(0.3)	<b>110.1</b>	(0.1)
	Romania	183.4	(4.5)	c	c	182.9	(4.6)	c	c	191.2	(8.8)	188.7	(7.5)	171.3	(5.8)
	Russian Federation	157.6	(5.0)	c	c	151.6	(4.4)	182.1	(18.2)	<b>78.5</b>	(7.1)	167.7	(11.2)	183.6	(7.5)
	Serbia	157.5	(6.3)	c	c	c	c	156.6	(6.3)	c	c	154.6	(6.9)	159.4	(12.2)
	Shanghai-China	<b>109.0</b>	(8.8)	<b>206.3</b>	(48.0)	<b>61.7</b>	(1.9)	<b>162.0</b>	(15.4)	c	c	c	c	118.3	(8.7)
	Singapore	85.3	(0.1)	c	c	85.7	(2.3)	85.8	(1.5)	c	c	c	c	85.8	(1.5)
	Chinese Taipei	<b>117.4</b>	(1.8)	<b>297.0</b>	(34.5)	<b>102.2</b>	(2.2)	<b>232.9</b>	(13.6)	c	c	170.3	(18.5)	194.5	(19.9)
	Thailand	<b>275.4</b>	(16.4)	<b>358.3</b>	(33.9)	<b>163.2</b>	(10.0)	<b>322.7</b>	(18.6)	<b>153.7</b>	(11.9)	329.0	(34.0)	290.2	(33.7)
	Tunisia	107.3	(1.8)	c	c	<b>111.6</b>	(2.2)	<b>105.0</b>	(2.4)	120.7	(12.5)	106.8	(2.2)	107.3	(3.0)
	United Arab Emirates	<b>77.8</b>	(1.6)	<b>106.0</b>	(7.3)	104.6	(4.4)	100.4	(3.7)	<b>79.3</b>	(3.7)	99.3	(6.4)	104.4	(4.5)
	Uruguay	<b>166.6</b>	(4.8)	<b>131.3</b>	(11.3)	163.7	(5.8)	158.2	(5.6)	156.5	(18.8)	161.4	(5.2)	159.8	(8.8)
	Viet Nam	117.7	(3.6)	132.3	(7.4)	<b>97.2</b>	(8.6)	<b>122.0</b>	(3.5)	119.9	(5.1)	124.8	(7.5)	111.7	(5.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Index of teacher shortage and mathematics performance**  
 Results based on school principals' reports

Table IV.3.10

	Index of teacher shortage										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.20	(0.04)	-1.09	(0.00)	-0.31	(0.09)	0.68	(0.04)	1.51	(0.05)	1.04	(0.02)
Austria	-0.13	(0.09)	-1.09	(0.00)	-0.86	(0.13)	0.21	(0.13)	1.22	(0.14)	0.99	(0.06)
Belgium	0.26	(0.06)	-1.05	(0.07)	-0.06	(0.08)	0.71	(0.06)	1.45	(0.08)	0.96	(0.03)
Canada	-0.30	(0.04)	-1.09	(0.00)	-0.95	(0.08)	-0.08	(0.06)	0.92	(0.05)	0.85	(0.02)
Chile	0.62	(0.10)	-0.99	(0.10)	0.25	(0.16)	1.14	(0.11)	2.06	(0.12)	1.19	(0.05)
Czech Republic	-0.42	(0.05)	-1.09	(0.00)	-0.96	(0.10)	-0.16	(0.05)	0.52	(0.07)	0.70	(0.03)
Denmark	-0.18	(0.05)	-1.09	(0.00)	-0.45	(0.12)	0.09	(0.08)	0.74	(0.06)	0.71	(0.02)
Estonia	0.00	(0.05)	-1.03	(0.07)	-0.24	(0.05)	0.28	(0.03)	1.00	(0.08)	0.78	(0.03)
Finland	-0.44	(0.04)	-1.09	(0.00)	-0.93	(0.10)	-0.19	(0.05)	0.46	(0.05)	0.67	(0.02)
France	-0.18	(0.06)	-1.09	(0.00)	-0.67	(0.10)	0.07	(0.11)	0.98	(0.08)	0.85	(0.04)
Germany	0.42	(0.06)	-0.81	(0.09)	0.25	(0.08)	0.79	(0.06)	1.44	(0.07)	0.87	(0.04)
Greece	-0.42	(0.07)	-1.09	(0.00)	-1.01	(0.12)	-0.28	(0.02)	0.72	(0.21)	0.94	(0.10)
Hungary	-0.65	(0.05)	-1.09	(0.00)	-1.09	(0.00)	-0.72	(0.13)	0.31	(0.11)	0.66	(0.05)
Iceland	0.18	(0.00)	-0.95	(0.01)	-0.07	(0.00)	0.56	(0.01)	1.18	(0.01)	0.83	(0.00)
Ireland	-0.15	(0.06)	-1.09	(0.00)	-0.65	(0.14)	0.19	(0.08)	0.95	(0.10)	0.84	(0.04)
Israel	0.69	(0.09)	-0.82	(0.12)	0.43	(0.12)	1.09	(0.09)	2.05	(0.12)	1.11	(0.05)
Italy	0.25	(0.04)	-1.06	(0.05)	0.05	(0.08)	0.68	(0.04)	1.33	(0.04)	0.92	(0.02)
Japan	-0.29	(0.07)	-1.09	(0.00)	-1.00	(0.12)	-0.01	(0.11)	0.94	(0.10)	0.89	(0.05)
Korea	0.06	(0.08)	-1.09	(0.00)	-0.61	(0.19)	0.63	(0.08)	1.32	(0.12)	1.03	(0.04)
Luxembourg	1.12	(0.00)	-0.23	(0.00)	1.11	(0.00)	1.46	(0.00)	2.13	(0.00)	0.92	(0.00)
Mexico	0.53	(0.04)	-0.91	(0.04)	0.36	(0.06)	0.90	(0.03)	1.77	(0.05)	1.03	(0.02)
Netherlands	0.60	(0.08)	-0.65	(0.14)	0.48	(0.09)	0.94	(0.07)	1.61	(0.08)	0.88	(0.05)
New Zealand	0.08	(0.07)	-1.09	(0.01)	-0.33	(0.17)	0.45	(0.09)	1.30	(0.09)	0.93	(0.04)
Norway	0.31	(0.07)	-0.94	(0.09)	0.17	(0.10)	0.71	(0.07)	1.29	(0.07)	0.87	(0.04)
Poland	-1.02	(0.02)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.00)	-0.80	(0.09)	0.25	(0.04)
Portugal	-0.80	(0.06)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.03)	0.05	(0.21)	0.65	(0.12)
Slovak Republic	-0.34	(0.05)	-1.09	(0.00)	-0.81	(0.13)	-0.03	(0.06)	0.56	(0.06)	0.71	(0.02)
Slovenia	-0.68	(0.01)	-1.09	(0.00)	-1.09	(0.00)	-0.68	(0.02)	0.15	(0.02)	0.59	(0.01)
Spain	-0.73	(0.03)	-1.09	(0.00)	-1.09	(0.00)	-0.99	(0.07)	0.24	(0.06)	0.64	(0.03)
Sweden	-0.06	(0.07)	-1.09	(0.00)	-0.47	(0.14)	0.29	(0.10)	1.05	(0.08)	0.85	(0.04)
Switzerland	0.05	(0.06)	-1.09	(0.01)	-0.29	(0.14)	0.43	(0.07)	1.17	(0.06)	0.89	(0.03)
Turkey	0.88	(0.06)	-0.38	(0.12)	0.64	(0.04)	1.08	(0.10)	2.17	(0.11)	1.03	(0.06)
United Kingdom	-0.18	(0.06)	-1.09	(0.00)	-0.78	(0.11)	0.14	(0.10)	0.99	(0.08)	0.88	(0.03)
United States	-0.42	(0.07)	-1.09	(0.00)	-1.09	(0.00)	-0.44	(0.21)	0.94	(0.10)	0.91	(0.06)
OECD average	-0.03	(0.01)	-0.99	(0.01)	-0.42	(0.02)	0.23	(0.01)	1.05	(0.02)	0.85	(0.01)
<b>Partners</b>												
Albania	-0.23	(0.07)	-1.09	(0.00)	-0.91	(0.12)	0.00	(0.10)	1.06	(0.13)	0.94	(0.06)
Argentina	-0.10	(0.08)	-1.09	(0.00)	-0.82	(0.12)	0.23	(0.14)	1.27	(0.11)	1.01	(0.05)
Brazil	0.19	(0.05)	-1.09	(0.00)	-0.28	(0.11)	0.60	(0.08)	1.55	(0.06)	1.04	(0.03)
Bulgaria	-0.80	(0.04)	-1.09	(0.00)	-1.09	(0.00)	-0.99	(0.10)	-0.05	(0.06)	0.48	(0.03)
Colombia	0.67	(0.12)	-1.09	(0.08)	0.17	(0.20)	1.00	(0.12)	2.58	(0.21)	1.40	(0.07)
Costa Rica	-0.01	(0.06)	-1.09	(0.01)	-0.35	(0.13)	0.33	(0.10)	1.06	(0.09)	0.84	(0.04)
Croatia	-0.43	(0.06)	-1.09	(0.00)	-1.09	(0.00)	-0.22	(0.18)	0.66	(0.08)	0.77	(0.03)
Cyprus*	-0.52	(0.00)	-1.09	(0.00)	-1.09	(0.00)	-0.88	(0.00)	0.99	(0.01)	1.16	(0.00)
Hong Kong-China	-0.23	(0.07)	-1.09	(0.00)	-0.81	(0.12)	0.02	(0.11)	0.97	(0.12)	0.89	(0.06)
Indonesia	0.27	(0.08)	-0.82	(0.11)	-0.13	(0.09)	0.58	(0.07)	1.43	(0.14)	0.93	(0.07)
Jordan	1.02	(0.09)	-0.85	(0.10)	0.40	(0.14)	1.54	(0.13)	2.99	(0.12)	1.48	(0.06)
Kazakhstan	0.29	(0.10)	-1.09	(0.00)	-0.57	(0.20)	0.81	(0.14)	2.00	(0.16)	1.29	(0.06)
Latvia	-0.41	(0.06)	-1.09	(0.00)	-1.00	(0.12)	-0.19	(0.07)	0.63	(0.11)	0.76	(0.05)
Liechtenstein	0.05	(0.02)	c	c	c	c	c	c	c	c	0.73	(0.00)
Lithuania	-0.66	(0.04)	-1.09	(0.00)	-1.09	(0.00)	-0.64	(0.11)	0.19	(0.08)	0.59	(0.03)
Macao-China	0.00	(0.00)	-1.09	(0.00)	-1.09	(0.00)	0.50	(0.00)	1.69	(0.00)	1.25	(0.00)
Malaysia	0.22	(0.06)	-0.75	(0.09)	0.04	(0.06)	0.48	(0.08)	1.10	(0.11)	0.76	(0.06)
Montenegro	-0.50	(0.00)	-1.09	(0.00)	-1.09	(0.00)	-0.38	(0.01)	0.54	(0.00)	0.72	(0.00)
Peru	0.62	(0.08)	-0.85	(0.11)	0.44	(0.11)	0.99	(0.07)	1.88	(0.10)	1.06	(0.04)
Qatar	-0.14	(0.00)	-1.09	(0.00)	-1.03	(0.00)	0.17	(0.00)	1.41	(0.00)	1.10	(0.00)
Romania	-0.54	(0.05)	-1.09	(0.00)	-1.09	(0.00)	-0.47	(0.14)	0.48	(0.09)	0.72	(0.06)
Russian Federation	0.35	(0.07)	-1.09	(0.03)	-0.03	(0.14)	0.74	(0.10)	1.80	(0.12)	1.13	(0.05)
Serbia	-0.74	(0.05)	-1.09	(0.00)	-1.09	(0.00)	-0.96	(0.12)	0.18	(0.12)	0.60	(0.05)
Shanghai-China	0.75	(0.09)	-0.91	(0.12)	0.50	(0.11)	1.09	(0.12)	2.32	(0.16)	1.24	(0.07)
Singapore	0.13	(0.01)	-1.09	(0.01)	-0.08	(0.02)	0.59	(0.00)	1.09	(0.00)	0.84	(0.00)
Chinese Taipei	-0.15	(0.09)	-1.09	(0.00)	-1.04	(0.11)	0.01	(0.14)	1.53	(0.19)	1.17	(0.09)
Thailand	0.94	(0.08)	-0.57	(0.14)	0.67	(0.12)	1.46	(0.09)	2.21	(0.08)	1.10	(0.05)
Tunisia	-0.11	(0.07)	-1.09	(0.00)	-0.71	(0.13)	0.19	(0.13)	1.18	(0.09)	0.93	(0.03)
United Arab Emirates	0.14	(0.08)	-1.09	(0.00)	-0.85	(0.09)	0.34	(0.12)	2.17	(0.13)	1.40	(0.04)
Uruguay	0.35	(0.07)	-1.03	(0.09)	0.02	(0.11)	0.79	(0.09)	1.61	(0.08)	1.02	(0.04)
Viet Nam	0.41	(0.09)	-1.09	(0.00)	-0.12	(0.22)	0.98	(0.11)	1.87	(0.10)	1.18	(0.05)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]  
**Index of teacher shortage and mathematics performance**

Table IV.3.10 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
Australia	525	(3.6)	514	(4.2)	497	(3.7)	481	(2.8)	-15.5	(1.67)	0.7	(0.05)	2.8	(0.58)
Austria	522	(7.1)	520	(7.5)	495	(10.3)	489	(10.4)	-12.9	(5.51)	0.7	(0.11)	1.9	(1.61)
Belgium	539	(7.9)	511	(7.7)	513	(9.2)	497	(6.5)	-17.4	(4.12)	0.7	(0.12)	2.7	(1.20)
Canada	521	(3.9)	520	(3.8)	514	(3.7)	517	(4.0)	-2.4	(2.77)	1.0	(0.06)	0.1	(0.14)
Chile	439	(6.9)	423	(7.6)	424	(6.1)	405	(8.4)	-11.4	(3.12)	0.7	(0.11)	2.8	(1.53)
Czech Republic	530	(6.2)	522	(6.0)	486	(7.8)	456	(7.5)	-44.6	(6.12)	0.6	(0.10)	10.7	(2.81)
Denmark	509	(6.0)	503	(4.8)	499	(5.0)	491	(4.5)	-9.6	(3.64)	0.9	(0.10)	0.7	(0.52)
Estonia	520	(4.8)	520	(4.5)	524	(4.1)	518	(4.3)	-1.4	(3.05)	1.0	(0.11)	0.0	(0.10)
Finland	520	(4.7)	522	(3.4)	517	(3.8)	515	(3.7)	-5.5	(3.20)	0.9	(0.07)	0.2	(0.22)
France	504	(7.2)	496	(6.8)	490	(7.9)	495	(10.2)	-5.5	(5.66)	0.8	(0.12)	0.2	(0.51)
Germany	539	(7.3)	523	(8.0)	513	(9.2)	481	(10.3)	-24.1	(5.18)	0.6	(0.10)	4.7	(2.14)
Greece	459	(5.6)	461	(5.3)	447	(6.9)	445	(6.8)	-5.7	(4.49)	0.8	(0.10)	0.4	(0.55)
Hungary	482	(6.9)	484	(6.7)	480	(7.8)	464	(10.4)	-15.3	(10.71)	0.9	(0.12)	1.1	(1.62)
Iceland	502	(3.4)	494	(3.6)	488	(3.3)	490	(3.2)	-7.2	(1.74)	0.9	(0.07)	0.4	(0.21)
Ireland	515	(5.3)	509	(5.9)	490	(6.6)	495	(5.6)	-11.1	(3.20)	0.7	(0.12)	1.2	(0.72)
Israel	460	(9.8)	460	(11.4)	476	(8.5)	467	(12.3)	3.1	(5.92)	1.1	(0.18)	0.1	(0.53)
Italy	481	(5.8)	493	(4.7)	490	(5.0)	485	(4.8)	1.2	(2.91)	1.1	(0.11)	0.0	(0.10)
Japan	537	(6.8)	538	(6.5)	539	(9.5)	531	(8.6)	-3.6	(5.18)	0.9	(0.12)	0.1	(0.39)
Korea	555	(9.4)	550	(9.3)	551	(9.6)	559	(7.9)	1.7	(5.11)	1.0	(0.14)	0.0	(0.33)
Luxembourg	514	(2.0)	483	(2.3)	471	(2.8)	491	(1.9)	-14.4	(1.02)	0.6	(0.04)	1.9	(0.27)
Mexico	428	(3.1)	418	(3.3)	406	(2.8)	401	(2.9)	-10.2	(1.59)	0.7	(0.06)	2.0	(0.60)
Netherlands	519	(11.1)	525	(10.8)	509	(10.2)	529	(11.6)	4.6	(6.75)	1.2	(0.22)	0.2	(0.64)
New Zealand	526	(7.1)	504	(6.0)	488	(5.9)	490	(6.7)	-15.7	(3.35)	0.7	(0.10)	2.2	(0.93)
Norway	499	(5.3)	496	(7.5)	484	(5.8)	483	(4.2)	-7.1	(2.88)	0.9	(0.08)	0.5	(0.38)
Poland	519	(5.5)	517	(5.6)	518	(4.8)	516	(5.8)	-9.8	(13.36)	1.0	(0.10)	0.1	(0.22)
Portugal	488	(5.8)	487	(5.6)	488	(6.6)	483	(8.1)	-9.6	(6.87)	1.0	(0.11)	0.4	(0.70)
Slovak Republic	509	(8.2)	496	(7.8)	475	(7.6)	447	(7.8)	-36.3	(7.36)	0.6	(0.10)	6.5	(2.62)
Slovenia	503	(3.4)	498	(4.3)	503	(4.3)	511	(4.0)	8.8	(2.19)	1.0	(0.08)	0.3	(0.15)
Spain	486	(2.8)	486	(2.7)	486	(3.3)	480	(4.3)	-4.4	(3.33)	1.0	(0.07)	0.1	(0.14)
Sweden	486	(5.0)	490	(5.1)	468	(6.2)	469	(5.9)	-9.8	(3.82)	0.9	(0.10)	0.8	(0.64)
Switzerland	546	(8.4)	531	(8.0)	524	(7.0)	527	(7.2)	-9.5	(4.41)	0.7	(0.10)	0.8	(0.79)
Turkey	455	(14.0)	461	(10.7)	441	(9.7)	435	(9.8)	-10.3	(5.00)	1.1	(0.15)	1.4	(1.31)
United Kingdom	514	(5.6)	506	(6.0)	491	(6.1)	469	(10.0)	-19.5	(4.10)	0.7	(0.09)	3.2	(1.31)
United States	492	(6.1)	491	(6.0)	485	(7.4)	460	(7.3)	-14.9	(3.75)	0.8	(0.09)	2.3	(1.23)
OECD average	504	(1.1)	499	(1.1)	490	(1.2)	484	(1.3)	-10.2	(0.88)	0.8	(0.02)	1.6	(0.18)
<b>Partners</b>														
Albania	392	(4.4)	396	(4.6)	393	(5.4)	396	(3.6)	0.1	(1.96)	1.0	(0.08)	0.0	(0.04)
Argentina	388	(7.2)	393	(6.6)	394	(7.1)	379	(5.8)	-3.0	(3.84)	1.0	(0.14)	0.2	(0.41)
Brazil	409	(5.7)	393	(4.2)	383	(4.2)	381	(4.7)	-11.2	(2.30)	0.8	(0.08)	2.2	(0.94)
Bulgaria	442	(6.0)	443	(6.8)	440	(6.3)	430	(9.3)	-12.1	(10.15)	1.0	(0.11)	0.4	(0.77)
Colombia	385	(7.6)	378	(5.8)	367	(7.1)	377	(6.0)	-1.8	(2.91)	1.0	(0.16)	0.1	(0.44)
Costa Rica	412	(6.3)	407	(7.3)	395	(9.6)	414	(6.1)	-0.9	(3.71)	0.8	(0.13)	0.0	(0.17)
Croatia	481	(6.2)	479	(5.9)	459	(6.8)	465	(12.9)	-9.3	(7.37)	0.8	(0.10)	0.7	(1.05)
Cyprus*	441	(3.3)	438	(3.0)	437	(4.9)	440	(3.6)	1.9	(1.05)	1.0	(0.07)	0.1	(0.06)
Hong Kong-China	568	(7.4)	568	(6.2)	561	(9.6)	548	(10.6)	-9.3	(5.84)	0.9	(0.12)	0.7	(0.97)
Indonesia	399	(11.1)	379	(6.4)	373	(8.4)	349	(6.7)	-20.5	(5.45)	0.6	(0.12)	7.1	(3.22)
Jordan	401	(7.1)	388	(8.8)	376	(7.4)	375	(6.0)	-6.5	(2.40)	0.7	(0.09)	1.5	(1.09)
Kazakhstan	425	(5.9)	432	(7.6)	441	(6.6)	430	(5.8)	1.8	(2.61)	1.2	(0.12)	0.1	(0.41)
Latvia	488	(5.1)	491	(5.6)	499	(6.0)	483	(6.4)	-1.2	(4.62)	1.0	(0.12)	0.0	(0.18)
Liechtenstein	c	c	c	c	c	c	c	c	-35.9	(5.53)	0.5	(0.19)	7.5	(2.15)
Lithuania	479	(4.8)	480	(4.7)	483	(5.3)	473	(6.9)	-3.7	(6.49)	0.9	(0.10)	0.1	(0.23)
Macao-China	542	(3.4)	542	(3.5)	536	(2.1)	533	(2.0)	-3.0	(0.74)	1.0	(0.06)	0.2	(0.08)
Malaysia	424	(6.7)	417	(5.5)	418	(6.9)	423	(7.3)	2.7	(7.76)	1.0	(0.12)	0.1	(0.61)
Montenegro	423	(4.1)	422	(4.8)	398	(2.4)	396	(2.2)	-17.2	(1.56)	0.8	(0.09)	2.3	(0.41)
Peru	389	(9.1)	367	(8.4)	362	(8.1)	355	(6.3)	-12.9	(3.70)	0.7	(0.12)	2.6	(1.50)
Qatar	395	(2.0)	394	(2.2)	376	(1.9)	341	(1.4)	-18.4	(0.60)	0.9	(0.04)	4.1	(0.26)
Romania	454	(5.7)	454	(6.0)	439	(8.0)	431	(7.0)	-11.2	(6.54)	0.8	(0.09)	1.0	(1.09)
Russian Federation	492	(7.1)	477	(6.6)	473	(6.4)	488	(8.0)	-1.7	(3.31)	0.8	(0.10)	0.0	(0.24)
Serbia	460	(6.6)	462	(6.8)	455	(7.7)	417	(7.5)	-32.4	(7.64)	0.8	(0.11)	4.8	(2.25)
Shanghai-China	644	(9.1)	599	(11.4)	599	(8.7)	608	(10.5)	-11.5	(3.98)	0.5	(0.10)	2.0	(1.37)
Singapore	583	(2.9)	566	(2.4)	579	(3.0)	571	(2.9)	-4.3	(1.41)	0.9	(0.05)	0.1	(0.08)
Chinese Taipei	586	(7.9)	585	(7.1)	557	(12.9)	513	(8.3)	-25.1	(4.24)	0.7	(0.09)	6.4	(1.87)
Thailand	427	(8.4)	419	(7.1)	429	(8.0)	432	(6.0)	3.0	(3.54)	1.1	(0.15)	0.2	(0.41)
Tunisia	391	(9.4)	390	(6.9)	380	(7.0)	388	(7.0)	-2.5	(5.03)	1.0	(0.15)	0.1	(0.47)
United Arab Emirates	437	(4.8)	442	(5.2)	439	(5.7)	421	(6.1)	-6.5	(1.72)	1.0	(0.10)	1.0	(0.56)
Uruguay	435	(10.0)	407	(8.9)	403	(6.2)	392	(6.6)	-17.3	(4.14)	0.7	(0.12)	3.9	(1.83)
Viet Nam	506	(9.4)	504	(8.8)	523	(10.0)	513	(11.8)	2.0	(4.37)	1.1	(0.20)	0.1	(0.41)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Index of teacher shortage, by school features**  
 Results based on school principals' reports

Table IV.3.11


		Index of teacher shortage													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	<b>0.38</b>	(0.05)	0.29	(0.04)	0.14	(0.04)	<b>-0.04</b>	(0.05)	<b>0.53</b>	(0.07)	0.27	(0.05)	<b>-0.27</b>	(0.06)
	Austria	<b>0.00</b>	(0.09)	-0.15	(0.09)	-0.15	(0.10)	<b>-0.23</b>	(0.11)	0.03	(0.14)	-0.18	(0.12)	-0.24	(0.19)
	Belgium	<b>0.32</b>	(0.07)	0.34	(0.06)	0.19	(0.07)	<b>0.18</b>	(0.07)	<b>0.53</b>	(0.10)	0.25	(0.10)	<b>0.05</b>	(0.10)
	Canada	<b>-0.22</b>	(0.05)	-0.28	(0.04)	-0.30	(0.05)	<b>-0.40</b>	(0.04)	<b>-0.15</b>	(0.10)	-0.29	(0.05)	<b>-0.44</b>	(0.08)
	Chile	<b>0.77</b>	(0.13)	0.70	(0.11)	0.61	(0.12)	<b>0.37</b>	(0.12)	<b>0.80</b>	(0.15)	0.87	(0.17)	<b>0.21</b>	(0.15)
	Czech Republic	<b>-0.28</b>	(0.08)	-0.37	(0.05)	-0.41	(0.05)	<b>-0.64</b>	(0.04)	<b>-0.27</b>	(0.12)	-0.32	(0.06)	<b>-0.87</b>	(0.07)
	Denmark	<b>-0.08</b>	(0.06)	-0.17	(0.06)	-0.20	(0.06)	<b>-0.28</b>	(0.06)	<b>-0.05</b>	(0.12)	-0.12	(0.06)	<b>-0.44</b>	(0.12)
	Estonia	-0.02	(0.05)	-0.03	(0.05)	0.02	(0.06)	0.02	(0.05)	0.04	(0.05)	0.02	(0.09)	-0.08	(0.07)
	Finland	<b>-0.40</b>	(0.05)	-0.45	(0.04)	-0.44	(0.04)	<b>-0.48</b>	(0.04)	<b>-0.22</b>	(0.11)	-0.22	(0.05)	-0.33	(0.07)
	France	-0.19	(0.07)	-0.14	(0.07)	-0.17	(0.07)	-0.22	(0.08)	-0.18	(0.10)	-0.11	(0.09)	-0.28	(0.11)
	Germany	<b>0.53</b>	(0.07)	0.44	(0.07)	0.37	(0.08)	<b>0.30</b>	(0.09)	0.54	(0.10)	0.44	(0.09)	0.21	(0.13)
	Greece	-0.37	(0.08)	-0.34	(0.09)	-0.45	(0.07)	-0.51	(0.08)	-0.30	(0.12)	-0.43	(0.11)	-0.50	(0.12)
	Hungary	<b>-0.55</b>	(0.08)	-0.62	(0.06)	-0.70	(0.05)	<b>-0.74</b>	(0.06)	<b>-0.38</b>	(0.11)	-0.76	(0.07)	<b>-0.78</b>	(0.07)
	Iceland	<b>0.30</b>	(0.03)	0.23	(0.03)	0.08	(0.03)	<b>0.12</b>	(0.03)	<b>0.38</b>	(0.01)	0.27	(0.00)	<b>-0.11</b>	(0.01)
	Ireland	<b>-0.02</b>	(0.07)	-0.11	(0.07)	-0.16	(0.07)	<b>-0.30</b>	(0.07)	<b>0.07</b>	(0.13)	-0.07	(0.09)	<b>-0.47</b>	(0.11)
	Israel	0.64	(0.11)	0.69	(0.11)	0.67	(0.09)	0.76	(0.10)	0.66	(0.20)	0.63	(0.14)	0.80	(0.13)
	Italy	0.26	(0.06)	0.25	(0.05)	0.25	(0.04)	0.24	(0.05)	0.21	(0.10)	0.26	(0.05)	0.27	(0.07)
	Japan	-0.22	(0.08)	-0.28	(0.07)	-0.29	(0.08)	-0.34	(0.07)	-0.15	(0.12)	-0.30	(0.11)	-0.41	(0.10)
	Korea	-0.01	(0.09)	0.03	(0.08)	0.09	(0.09)	0.13	(0.11)	-0.13	(0.11)	0.14	(0.12)	0.11	(0.19)
	Luxembourg	<b>1.31</b>	(0.02)	1.22	(0.02)	1.09	(0.02)	<b>0.87</b>	(0.02)	<b>1.34</b>	(0.00)	0.94	(0.00)	<b>0.90</b>	(0.00)
	Mexico	<b>0.78</b>	(0.04)	0.62	(0.04)	0.49	(0.05)	<b>0.23</b>	(0.05)	<b>0.83</b>	(0.05)	0.54	(0.07)	<b>0.18</b>	(0.07)
	Netherlands	0.59	(0.09)	0.62	(0.08)	0.61	(0.08)	0.59	(0.10)	0.56	(0.15)	0.66	(0.08)	0.51	(0.18)
	New Zealand	<b>0.24</b>	(0.08)	0.10	(0.09)	0.05	(0.07)	<b>-0.09</b>	(0.10)	<b>0.55</b>	(0.17)	0.06	(0.09)	<b>-0.25</b>	(0.13)
	Norway	<b>0.37</b>	(0.07)	0.32	(0.07)	0.32	(0.08)	<b>0.22</b>	(0.08)	0.37	(0.22)	0.34	(0.07)	0.12	(0.14)
	Poland	-1.01	(0.03)	-1.02	(0.02)	-1.02	(0.02)	-1.02	(0.02)	-0.99	(0.05)	-1.03	(0.03)	-1.01	(0.04)
	Portugal	-0.79	(0.08)	-0.79	(0.06)	-0.79	(0.06)	-0.86	(0.07)	-0.75	(0.14)	-0.85	(0.05)	-0.80	(0.11)
	Slovak Republic	<b>-0.13</b>	(0.06)	-0.31	(0.05)	-0.40	(0.05)	<b>-0.52</b>	(0.08)	<b>0.06</b>	(0.08)	-0.40	(0.05)	<b>-0.65</b>	(0.12)
	Slovenia	<b>-0.73</b>	(0.02)	-0.68	(0.02)	-0.67	(0.02)	<b>-0.63</b>	(0.02)	<b>-0.73</b>	(0.01)	-0.66	(0.02)	<b>-0.66</b>	(0.01)
	Spain	<b>-0.70</b>	(0.04)	-0.70	(0.04)	-0.75	(0.03)	<b>-0.79</b>	(0.03)	<b>-0.68</b>	(0.06)	-0.69	(0.06)	<b>-0.86</b>	(0.06)
	Sweden	<b>0.06</b>	(0.09)	-0.04	(0.07)	-0.07	(0.07)	<b>-0.20</b>	(0.08)	<b>0.38</b>	(0.17)	-0.06	(0.09)	<b>-0.39</b>	(0.13)
	Switzerland	0.06	(0.07)	0.09	(0.05)	0.07	(0.07)	0.01	(0.08)	0.05	(0.11)	0.17	(0.07)	-0.15	(0.12)
	Turkey	<b>1.04</b>	(0.08)	0.95	(0.07)	0.86	(0.08)	<b>0.66</b>	(0.10)	<b>1.07</b>	(0.14)	1.00	(0.13)	<b>0.42</b>	(0.17)
	United Kingdom	<b>-0.07</b>	(0.08)	-0.13	(0.07)	-0.19	(0.06)	<b>-0.37</b>	(0.06)	<b>-0.08</b>	(0.14)	-0.08	(0.09)	<b>-0.51</b>	(0.08)
	United States	<b>-0.28</b>	(0.12)	-0.42	(0.08)	-0.47	(0.06)	<b>-0.52</b>	(0.07)	<b>-0.04</b>	(0.17)	-0.52	(0.09)	<b>-0.61</b>	(0.11)
OECD average	<b>0.05</b>	(0.01)	0.00	(0.01)	-0.05	(0.01)	<b>-0.13</b>	(0.01)	<b>0.11</b>	(0.02)	-0.02	(0.01)	<b>-0.21</b>	(0.02)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	-0.08	(0.09)	-0.08	(0.10)	-0.07	(0.09)	-0.16	(0.10)	-0.11	(0.12)	-0.04	(0.14)	-0.16	(0.14)
	Brazil	<b>0.42</b>	(0.06)	0.28	(0.06)	0.12	(0.06)	<b>-0.05</b>	(0.07)	<b>0.53</b>	(0.08)	0.20	(0.08)	<b>-0.27</b>	(0.13)
	Bulgaria	-0.77	(0.05)	-0.80	(0.04)	-0.80	(0.04)	-0.86	(0.04)	-0.78	(0.06)	-0.78	(0.07)	-0.85	(0.06)
	Colombia	0.65	(0.13)	0.77	(0.11)	0.72	(0.15)	0.52	(0.22)	0.57	(0.17)	0.84	(0.12)	0.52	(0.32)
	Costa Rica	0.06	(0.07)	-0.01	(0.07)	-0.03	(0.07)	-0.07	(0.09)	-0.03	(0.10)	0.03	(0.10)	-0.08	(0.15)
	Croatia	<b>-0.35</b>	(0.07)	-0.44	(0.06)	-0.41	(0.06)	<b>-0.54</b>	(0.08)	-0.32	(0.10)	-0.43	(0.09)	-0.60	(0.13)
	Cyprus*	-0.52	(0.03)	-0.50	(0.04)	-0.55	(0.03)	-0.50	(0.03)	<b>-0.53</b>	(0.00)	-0.58	(0.00)	<b>-0.41</b>	(0.00)
	Hong Kong-China	<b>-0.10</b>	(0.10)	-0.16	(0.08)	-0.27	(0.07)	<b>-0.36</b>	(0.10)	<b>0.08</b>	(0.14)	-0.40	(0.09)	<b>-0.39</b>	(0.16)
	Indonesia	<b>0.48</b>	(0.10)	0.34	(0.10)	0.28	(0.08)	<b>-0.04</b>	(0.12)	<b>0.53</b>	(0.15)	0.30	(0.10)	<b>-0.16</b>	(0.13)
	Jordan	1.15	(0.12)	1.04	(0.11)	0.98	(0.10)	0.89	(0.12)	1.25	(0.24)	1.02	(0.13)	0.76	(0.26)
	Kazakhstan	0.31	(0.12)	0.23	(0.11)	0.32	(0.12)	0.28	(0.12)	0.34	(0.23)	0.14	(0.14)	0.45	(0.21)
	Latvia	-0.48	(0.07)	-0.39	(0.07)	-0.43	(0.07)	-0.33	(0.09)	-0.41	(0.11)	-0.46	(0.09)	-0.32	(0.13)
	Liechtenstein	0.17	(0.09)	-0.14	(0.09)	0.12	(0.09)	0.05	(0.07)	c	c	-0.27	(0.03)	c	c
	Lithuania	-0.63	(0.05)	-0.64	(0.05)	-0.69	(0.05)	-0.68	(0.05)	-0.58	(0.10)	-0.67	(0.05)	-0.71	(0.08)
	Macao-China	0.00	(0.03)	0.02	(0.03)	0.05	(0.03)	-0.07	(0.02)	<b>0.01</b>	(0.00)	0.17	(0.00)	<b>-0.12</b>	(0.00)
	Malaysia	0.23	(0.07)	0.21	(0.06)	0.25	(0.06)	0.19	(0.11)	0.19	(0.10)	0.20	(0.09)	0.27	(0.15)
	Montenegro	<b>-0.43</b>	(0.02)	-0.47	(0.02)	-0.48	(0.02)	<b>-0.64</b>	(0.02)	<b>-0.51</b>	(0.00)	-0.04	(0.00)	<b>-0.79</b>	(0.00)
	Peru	<b>0.84</b>	(0.10)	0.72	(0.09)	0.54	(0.09)	<b>0.36</b>	(0.12)	<b>0.81</b>	(0.12)	0.73	(0.12)	<b>0.30</b>	(0.15)
	Qatar	<b>0.04</b>	(0.02)	-0.24	(0.02)	-0.20	(0.02)	<b>-0.14</b>	(0.02)	<b>-0.09</b>	(0.00)	-0.06	(0.00)	<b>-0.21</b>	(0.00)
	Romania	<b>-0.49</b>	(0.06)	-0.50	(0.05)	-0.54	(0.06)	<b>-0.65</b>	(0.07)	-0.48	(0.08)	-0.48	(0.08)	-0.70	(0.12)
	Russian Federation	0.42	(0.08)	0.32	(0.08)	0.36	(0.09)	0.32	(0.11)	0.64	(0.15)	0.21	(0.07)	0.39	(0.18)
	Serbia	<b>-0.61</b>	(0.08)	-0.69	(0.06)	-0.76	(0.05)	<b>-0.90</b>	(0.03)	<b>-0.40</b>	(0.12)	-0.85	(0.07)	<b>-1.02</b>	(0.04)
	Shanghai-China	<b>0.98</b>	(0.12)	0.77	(0.10)	0.65	(0.11)	<b>0.60</b>	(0.12)	<b>1.11</b>	(0.18)	0.77	(0.15)	<b>0.41</b>	(0.17)
	Singapore	<b>0.14</b>	(0.02)	0.15	(0.02)	0.17	(0.02)	<b>0.04</b>	(0.04)	0.14	(0.00)	0.14	(0.01)	0.10	(0.04)
	Chinese Taipei	<b>0.11</b>	(0.11)	-0.02	(0.10)	-0.23	(0.09)	<b>-0.47</b>	(0.08)	<b>0.33</b>	(0.19)	-0.04	(0.17)	<b>-0.83</b>	(0.08)
	Thailand	0.99	(0.10)	1.01	(0.09)	0.90	(0.10)	0.88	(0.11)	1.05	(0.12)	0.86	(0.16)	0.90	(0.17)
	Tunisia	-0.12	(0.10)	-0.06	(0.08)	-0.05	(0.08)	-0.20	(0.12)	-0.14	(0.15)	0.00	(0.11)	-0.26	(0.18)
	United Arab Emirates	<b>0.28</b>	(0.09)	0.16	(0.09)	0.12	(0.09)	<b>0.02</b>	(0.10)	0.27	(0.11)	0.22	(0.13)	-0.03	(0.14)
	Uruguay	<b>0.55</b>	(0.10)	0.43	(0.07)	0.39	(0.07)	<b>0.01</b>	(0.11)	<b>0.58</b>	(0.13)	0.38	(0.10)	<b>-0.12</b>	(0.14)
	Viet Nam	<b>0.55</b>	(0.13)	0.51	(0.12)	0.35	(0.10)	<b>0.22</b>	(0.11)	<b>0.64</b>	(0.16)	0.36	(0.15)	<b>0.12</b>	(0.15)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 2/2]  
Index of teacher shortage, by school features  
Results based on school principals' reports

Table IV.3.11

	Index of teacher shortage														
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)		
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
<b>OECD</b>	Australia	0.41	(0.04)	-0.09	(0.06)	0.18	(0.04)	0.28	(0.07)	0.49	(0.17)	0.58	(0.08)	-0.01	(0.04)
	Austria	-0.11	(0.09)	-0.37	(0.25)	0.26	(0.17)	-0.15	(0.09)	-0.13	(0.20)	-0.10	(0.12)	-0.18	(0.14)
	Belgium	0.33	(0.12)	0.24	(0.08)	0.56	(0.10)	0.23	(0.06)	0.01	(0.31)	0.24	(0.07)	0.37	(0.12)
	Canada	-0.30	(0.04)	-0.37	(0.14)	0.03	(0.06)	-0.35	(0.04)	-0.17	(0.11)	-0.18	(0.07)	-0.40	(0.06)
	Chile	0.88	(0.17)	0.40	(0.11)	1.00	(0.21)	0.59	(0.10)	1.46	(0.46)	0.49	(0.15)	0.62	(0.13)
	Czech Republic	-0.39	(0.05)	-0.79	(0.12)	-0.21	(0.07)	-0.69	(0.05)	0.03	(0.16)	-0.48	(0.05)	-0.41	(0.11)
	Denmark	-0.11	(0.06)	-0.39	(0.11)	-0.18	(0.05)	c	c	-0.09	(0.08)	-0.21	(0.07)	-0.19	(0.13)
	Estonia	0.01	(0.05)	-0.35	(0.28)	0.01	(0.05)	-0.18	(0.08)	0.06	(0.11)	-0.07	(0.06)	0.07	(0.08)
	Finland	-0.44	(0.04)	-0.35	(0.16)	-0.44	(0.04)	c	c	-0.58	(0.15)	-0.35	(0.05)	-0.62	(0.05)
	France	-0.22	(0.06)	0.05	(0.19)	-0.24	(0.08)	-0.15	(0.07)	-0.09	(0.21)	-0.17	(0.06)	-0.24	(0.17)
	Germany	0.44	(0.06)	0.03	(0.23)	0.42	(0.06)	0.30	(0.37)	c	c	0.48	(0.08)	0.29	(0.12)
	Greece	-0.37	(0.07)	c	c	-0.41	(0.13)	-0.42	(0.07)	-0.24	(0.16)	-0.41	(0.09)	-0.49	(0.14)
	Hungary	-0.68	(0.06)	-0.47	(0.12)	-0.59	(0.14)	-0.66	(0.05)	0.03	(0.16)	-0.61	(0.07)	-0.75	(0.07)
	Iceland	0.18	(0.00)	c	c	0.18	(0.00)	c	c	0.51	(0.01)	0.15	(0.01)	0.01	(0.01)
	Ireland	-0.15	(0.11)	-0.10	(0.09)	-0.14	(0.07)	-0.15	(0.07)	-0.11	(0.15)	-0.05	(0.08)	-0.35	(0.12)
	Israel	0.69	(0.09)	c	c	0.90	(0.11)	0.66	(0.09)	0.78	(0.18)	0.76	(0.15)	0.55	(0.14)
	Italy	0.29	(0.04)	-0.27	(0.18)	0.21	(0.16)	0.25	(0.04)	0.01	(0.24)	0.28	(0.05)	0.20	(0.06)
	Japan	-0.27	(0.08)	-0.33	(0.10)	c	c	-0.29	(0.07)	c	c	-0.38	(0.13)	-0.25	(0.07)
	Korea	0.03	(0.11)	0.10	(0.12)	-0.19	(0.29)	0.08	(0.08)	c	c	0.30	(0.18)	0.04	(0.09)
	Luxembourg	1.33	(0.00)	-0.08	(0.00)	1.22	(0.00)	0.97	(0.00)	c	c	1.12	(0.00)	c	c
	Mexico	0.63	(0.04)	-0.07	(0.09)	0.72	(0.05)	0.42	(0.05)	0.84	(0.07)	0.62	(0.06)	0.34	(0.06)
	Netherlands	0.59	(0.15)	0.59	(0.09)	0.57	(0.08)	0.67	(0.12)	c	c	0.60	(0.09)	0.59	(0.16)
	New Zealand	0.12	(0.08)	-0.40	(0.32)	0.09	(0.09)	0.08	(0.07)	0.44	(0.18)	0.35	(0.13)	-0.14	(0.08)
	Norway	0.32	(0.07)	c	c	0.31	(0.07)	c	c	0.62	(0.12)	0.32	(0.09)	0.00	(0.13)
	Poland	-1.02	(0.02)	-1.06	(0.03)	-1.02	(0.02)	c	c	-1.01	(0.04)	-1.03	(0.03)	-1.00	(0.05)
	Portugal	-0.79	(0.06)	-0.91	(0.09)	-0.77	(0.09)	-0.83	(0.06)	-0.83	(0.26)	-0.79	(0.07)	-0.84	(0.10)
	Slovak Republic	-0.34	(0.05)	-0.40	(0.22)	-0.13	(0.07)	-0.51	(0.07)	0.26	(0.12)	-0.44	(0.06)	-0.42	(0.14)
	Slovenia	-0.69	(0.01)	-0.38	(0.03)	-0.72	(0.15)	-0.68	(0.01)	-0.32	(0.29)	-0.73	(0.01)	-0.62	(0.02)
	Spain	-0.70	(0.04)	-0.79	(0.04)	-0.73	(0.03)	c	c	-0.49	(0.16)	-0.74	(0.04)	-0.75	(0.06)
	Sweden	-0.05	(0.07)	-0.06	(0.19)	-0.05	(0.07)	-0.34	(0.19)	0.21	(0.17)	-0.10	(0.08)	-0.14	(0.13)
	Switzerland	0.07	(0.05)	-0.13	(0.29)	0.12	(0.05)	-0.19	(0.16)	0.03	(0.18)	0.07	(0.06)	-0.01	(0.19)
	Turkey	0.89	(0.06)	c	c	0.87	(0.13)	0.88	(0.07)	1.03	(0.20)	0.94	(0.11)	0.83	(0.10)
	United Kingdom	-0.09	(0.07)	-0.32	(0.11)	c	c	-0.18	(0.06)	-0.04	(0.16)	-0.13	(0.08)	-0.34	(0.10)
	United States	-0.42	(0.07)	-0.24	(0.24)	-0.21	(0.12)	-0.45	(0.07)	-0.37	(0.29)	-0.47	(0.09)	-0.37	(0.12)
	OECD average	0.00	(0.01)	-0.25	(0.03)	0.05	(0.02)	-0.03	(0.02)	0.08	(0.03)	0.00	(0.01)	-0.14	(0.02)
<b>Partners</b>	Albania	-0.22	(0.07)	-0.43	(0.33)	-0.14	(0.10)	-0.30	(0.09)	-0.09	(0.13)	-0.38	(0.09)	-0.08	(0.15)
	Argentina	-0.02	(0.10)	-0.24	(0.14)	0.02	(0.11)	-0.18	(0.09)	-0.08	(0.14)	-0.11	(0.11)	-0.07	(0.13)
	Brazil	0.34	(0.06)	-0.42	(0.15)	0.19	(0.08)	0.20	(0.06)	0.57	(0.20)	0.35	(0.08)	0.03	(0.07)
	Bulgaria	-0.80	(0.04)	c	c	-0.77	(0.09)	-0.81	(0.04)	-0.49	(0.22)	-0.80	(0.05)	-0.85	(0.05)
	Colombia	0.74	(0.11)	0.35	(0.51)	0.64	(0.12)	0.68	(0.14)	0.69	(0.24)	1.08	(0.26)	0.43	(0.11)
	Costa Rica	0.03	(0.07)	-0.26	(0.19)	-0.05	(0.06)	0.04	(0.09)	-0.01	(0.13)	0.03	(0.09)	-0.22	(0.15)
	Croatia	-0.43	(0.06)	c	c	c	c	-0.43	(0.06)	c	c	-0.38	(0.07)	-0.54	(0.10)
	Cyprus*	-0.44	(0.00)	-0.93	(0.00)	-0.49	(0.03)	-0.52	(0.00)	-0.41	(0.01)	-0.51	(0.00)	-0.54	(0.00)
	Hong Kong-China	-0.34	(0.37)	-0.21	(0.07)	-0.20	(0.07)	-0.24	(0.07)	c	c	c	c	-0.23	(0.07)
	Indonesia	0.16	(0.09)	0.41	(0.13)	0.55	(0.11)	0.01	(0.09)	0.55	(0.18)	0.32	(0.10)	-0.26	(0.13)
	Jordan	1.12	(0.10)	0.54	(0.28)	1.02	(0.09)	c	c	1.08	(0.28)	1.09	(0.17)	0.93	(0.17)
	Kazakhstan	0.28	(0.11)	0.55	(0.23)	0.26	(0.11)	0.35	(0.13)	0.27	(0.19)	0.07	(0.21)	0.42	(0.15)
	Latvia	-0.39	(0.06)	c	c	-0.42	(0.06)	-0.10	(0.24)	-0.46	(0.11)	-0.51	(0.08)	-0.23	(0.14)
	Liechtenstein	0.04	(0.02)	c	c	0.04	(0.02)	0.15	(0.00)	c	c	0.05	(0.02)	c	c
	Lithuania	-0.66	(0.04)	c	c	-0.66	(0.04)	c	c	-0.57	(0.08)	-0.62	(0.06)	-0.75	(0.06)
	Macao-China	c	c	0.05	(0.00)	0.09	(0.00)	-0.11	(0.00)	c	c	c	c	0.00	(0.00)
	Malaysia	0.20	(0.06)	0.84	(0.37)	0.29	(0.12)	0.22	(0.06)	0.27	(0.18)	0.15	(0.07)	0.33	(0.13)
	Montenegro	-0.51	(0.00)	c	c	c	c	-0.50	(0.00)	c	c	-0.36	(0.00)	-0.84	(0.00)
	Peru	0.81	(0.08)	-0.18	(0.19)	0.73	(0.09)	0.57	(0.09)	0.65	(0.15)	0.79	(0.11)	0.44	(0.12)
	Qatar	0.19	(0.00)	-0.66	(0.00)	-0.24	(0.01)	-0.11	(0.00)	0.75	(0.01)	0.06	(0.00)	-0.49	(0.00)
	Romania	-0.54	(0.05)	c	c	-0.54	(0.05)	c	c	-0.81	(0.12)	-0.44	(0.08)	-0.66	(0.08)
	Russian Federation	0.36	(0.08)	c	c	0.33	(0.08)	0.46	(0.13)	0.35	(0.13)	0.28	(0.14)	0.41	(0.12)
	Serbia	-0.74	(0.05)	c	c	c	c	-0.75	(0.05)	c	c	-0.66	(0.08)	-0.86	(0.07)
	Shanghai-China	0.74	(0.10)	0.86	(0.42)	0.87	(0.14)	0.66	(0.11)	c	c	c	c	0.75	(0.09)
	Singapore	0.15	(0.00)	c	c	0.18	(0.06)	0.13	(0.01)	c	c	c	c	0.13	(0.01)
	Chinese Taipei	-0.19	(0.12)	-0.01	(0.15)	0.10	(0.16)	-0.29	(0.09)	c	c	0.13	(0.15)	-0.31	(0.11)
	Thailand	0.99	(0.08)	0.70	(0.25)	1.09	(0.11)	0.91	(0.09)	1.23	(0.18)	0.93	(0.11)	0.83	(0.13)
	Tunisia	-0.10	(0.07)	c	c	-0.11	(0.11)	-0.10	(0.10)	-0.48	(0.26)	-0.05	(0.09)	-0.19	(0.17)
	United Arab Emirates	0.49	(0.11)	-0.31	(0.10)	0.20	(0.16)	0.13	(0.08)	0.35	(0.17)	0.41	(0.16)	-0.02	(0.09)
	Uruguay	0.49	(0.08)	-0.34	(0.16)	0.51	(0.10)	0.23	(0.08)	0.63	(0.35)	0.54	(0.10)	-0.01	(0.13)
	Viet Nam	0.47	(0.09)	-0.66	(0.20)	0.52	(0.26)	0.40	(0.10)	0.47	(0.15)	0.61	(0.18)	0.06	(0.15)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.


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[Part 1/1]

**Teacher professional development**Table IV.3.12 *Results based on school principals' reports*

		Principal's report on the percentage of mathematics teachers in the school who have attended a programme of professional development with a focus on mathematics during the previous three months	
		Mean %	S.E.
OECD	Australia	52.6	(1.5)
	Austria	53.1	(2.6)
	Belgium	36.1	(2.3)
	Canada	59.0	(1.8)
	Chile	28.0	(2.6)
	Czech Republic	24.0	(2.3)
	Denmark	25.4	(2.3)
	Estonia	61.9	(2.2)
	Finland	31.7	(2.4)
	France	33.8	(2.6)
	Germany	23.3	(1.8)
	Greece	24.8	(2.9)
	Hungary	21.1	(2.2)
	Iceland	34.4	(0.2)
	Ireland	88.0	(2.4)
	Israel	60.7	(2.6)
	Italy	28.4	(1.3)
	Japan	21.5	(1.8)
	Korea	31.3	(2.9)
	Luxembourg	47.4	(0.1)
	Mexico	46.6	(1.3)
	Netherlands	29.2	(2.8)
	New Zealand	61.2	(3.0)
	Norway	24.1	(2.2)
	Poland	45.9	(3.6)
	Portugal	35.4	(2.8)
	Slovak Republic	24.2	(2.5)
	Slovenia	58.2	(0.6)
	Spain	25.3	(1.6)
	Sweden	43.9	(3.3)
	Switzerland	23.4	(1.8)
	Turkey	18.4	(2.3)
	United Kingdom	51.7	(2.8)
United States	61.5	(3.3)	
OECD average	39.3	(0.4)	
Partners	Albania	48.1	(3.5)
	Argentina	48.3	(3.0)
	Brazil	36.3	(2.1)
	Bulgaria	36.2	(2.6)
	Colombia	21.9	(2.1)
	Costa Rica	46.0	(3.0)
	Croatia	68.5	(2.6)
	Cyprus*	33.0	(0.1)
	Hong Kong-China	33.6	(3.0)
	Indonesia	42.3	(3.1)
	Jordan	32.6	(3.1)
	Kazakhstan	35.8	(2.9)
	Latvia	37.4	(2.8)
	Liechtenstein	35.6	(0.7)
	Lithuania	47.7	(2.8)
	Macao-China	59.0	(0.0)
	Malaysia	42.5	(3.1)
	Montenegro	45.6	(0.1)
	Peru	33.1	(2.4)
	Qatar	77.3	(0.1)
	Romania	45.0	(3.2)
	Russian Federation	26.0	(2.6)
	Serbia	47.8	(3.9)
	Shanghai-China	72.3	(2.7)
	Singapore	66.7	(0.4)
	Chinese Taipei	57.2	(3.3)
	Thailand	73.3	(2.7)
	Tunisia	39.7	(3.4)
	United Arab Emirates	58.0	(1.7)
	Uruguay	33.1	(3.1)
Viet Nam	49.6	(3.7)	

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Teacher professional development, by school features**  
 Results based on school principals' reports

Table IV.3.13


		Principal's report on the percentage of mathematics teachers in the school who have attended a programme of professional development with a focus on mathematics during the previous three months													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>			
		Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.		
OECD	Australia	53.8	(1.7)	51.5	(1.8)	52.2	(1.7)	52.8	(1.9)	50.3	(3.0)	54.9	(2.2)	49.8	(3.0)
	Austria	<b>44.7</b>	(3.0)	49.4	(3.0)	56.7	(3.1)	<b>61.8</b>	(3.8)	<b>31.5</b>	(4.7)	59.4	(3.9)	<b>66.3</b>	(5.8)
	Belgium	35.0	(3.0)	37.3	(2.6)	35.5	(2.5)	36.2	(2.7)	32.7	(4.7)	37.1	(4.2)	37.7	(3.9)
	Canada	60.4	(2.2)	59.5	(1.8)	58.1	(2.1)	57.5	(2.0)	<b>60.4</b>	(3.3)	62.5	(2.5)	<b>51.1</b>	(3.4)
	Chile	<b>25.2</b>	(3.4)	23.6	(2.7)	25.9	(3.1)	<b>37.5</b>	(4.4)	<b>26.2</b>	(3.7)	13.5	(4.3)	<b>39.6</b>	(5.5)
	Czech Republic	22.7	(2.6)	27.9	(3.1)	24.8	(2.7)	20.7	(2.4)	27.9	(5.4)	24.3	(3.1)	19.1	(3.5)
	Denmark	23.0	(2.7)	25.2	(2.4)	26.9	(2.7)	27.4	(3.5)	19.9	(6.2)	24.4	(2.5)	33.4	(6.9)
	Estonia	59.8	(3.0)	60.9	(2.7)	62.6	(2.4)	64.0	(2.6)	64.7	(6.0)	60.0	(2.9)	64.3	(4.3)
	Finland	31.3	(2.5)	30.5	(2.6)	31.6	(2.3)	33.1	(2.6)	23.3	(5.5)	34.4	(3.0)	28.4	(4.9)
	France	35.1	(3.3)	33.4	(3.1)	34.8	(2.9)	31.6	(3.0)	36.6	(5.5)	31.5	(3.6)	35.4	(4.4)
	Germany	21.4	(2.0)	22.8	(2.0)	25.1	(2.2)	24.8	(2.6)	24.9	(3.7)	21.7	(3.0)	24.5	(3.2)
	Greece	26.8	(3.9)	22.6	(3.2)	23.1	(3.0)	26.7	(4.0)	33.3	(6.0)	20.1	(3.7)	25.4	(5.0)
	Hungary	<b>17.6</b>	(2.5)	19.8	(2.3)	22.4	(2.7)	<b>24.3</b>	(3.1)	<b>17.8</b>	(3.1)	14.8	(3.9)	<b>30.5</b>	(4.3)
	Iceland	<b>30.9</b>	(1.1)	33.5	(1.2)	36.1	(1.3)	<b>37.6</b>	(1.3)	<b>22.2</b>	(0.5)	37.6	(0.3)	<b>35.3</b>	(0.3)
	Ireland	86.0	(3.2)	88.4	(2.4)	87.9	(2.7)	89.5	(2.7)	85.3	(5.1)	88.4	(3.2)	88.7	(4.9)
	Israel	63.4	(3.1)	61.1	(3.0)	57.4	(2.9)	61.8	(3.1)	64.8	(4.7)	55.0	(4.7)	63.4	(4.1)
	Italy	<b>26.5</b>	(1.7)	28.2	(1.5)	28.3	(1.4)	<b>31.0</b>	(1.8)	27.2	(3.0)	27.5	(2.0)	30.9	(2.2)
	Japan	22.2	(2.4)	21.0	(1.9)	21.1	(1.7)	21.9	(2.1)	24.2	(3.6)	17.3	(2.8)	25.1	(2.9)
	Korea	31.3	(3.9)	30.6	(2.9)	31.3	(3.0)	32.0	(3.3)	32.5	(6.2)	30.8	(3.6)	31.3	(5.4)
	Luxembourg	<b>38.3</b>	(0.9)	39.8	(1.2)	47.4	(1.1)	<b>64.0</b>	(0.9)	<b>35.2</b>	(0.1)	22.5	(0.1)	<b>70.8</b>	(0.1)
	Mexico	<b>40.1</b>	(1.9)	45.9	(1.4)	48.6	(1.6)	<b>51.1</b>	(1.7)	<b>39.4</b>	(2.6)	45.7	(2.4)	<b>55.1</b>	(2.7)
	Netherlands	29.7	(3.6)	27.4	(3.1)	29.4	(2.9)	30.7	(3.0)	24.9	(6.4)	30.0	(3.4)	31.4	(5.0)
	New Zealand	57.5	(4.1)	64.8	(3.1)	62.0	(3.2)	60.4	(4.1)	50.4	(7.7)	68.6	(3.8)	53.0	(6.1)
	Norway	<b>21.2</b>	(2.1)	25.0	(2.5)	22.5	(2.3)	<b>27.5</b>	(2.8)	<b>17.3</b>	(4.3)	22.7	(2.6)	<b>34.0</b>	(6.0)
	Poland	48.7	(4.7)	49.4	(4.0)	42.1	(3.9)	43.1	(3.9)	<b>57.7</b>	(7.1)	44.1	(4.7)	<b>35.2</b>	(7.3)
	Portugal	38.1	(4.3)	34.4	(3.2)	33.4	(2.9)	35.7	(3.8)	38.3	(6.7)	32.3	(4.1)	38.0	(7.8)
	Slovak Republic	19.9	(2.7)	26.2	(3.3)	24.8	(2.7)	25.6	(2.9)	18.7	(4.6)	24.5	(3.5)	30.0	(5.1)
	Slovenia	<b>56.8</b>	(1.2)	56.3	(1.4)	58.4	(1.6)	<b>61.4</b>	(1.2)	<b>58.2</b>	(0.9)	50.3	(1.2)	<b>68.5</b>	(0.5)
	Spain	25.4	(1.8)	24.6	(1.7)	24.8	(1.7)	26.5	(2.7)	27.2	(3.1)	22.3	(2.1)	28.0	(4.2)
	Sweden	42.2	(3.6)	45.6	(3.5)	45.8	(3.8)	41.8	(4.1)	45.5	(7.2)	43.6	(4.1)	43.2	(7.5)
	Switzerland	24.8	(2.4)	22.8	(1.9)	22.8	(2.1)	23.3	(2.0)	24.9	(4.1)	21.4	(2.6)	25.4	(3.6)
	Turkey	<b>12.2</b>	(2.6)	14.8	(2.2)	17.9	(2.7)	<b>28.9</b>	(4.3)	<b>8.3</b>	(3.3)	12.2	(3.5)	<b>41.4</b>	(7.3)
United Kingdom	53.8	(3.4)	52.7	(3.4)	50.8	(2.9)	48.9	(3.1)	56.4	(6.4)	52.2	(3.7)	46.0	(5.1)	
United States	63.4	(3.8)	63.8	(3.6)	59.9	(3.9)	58.6	(4.0)	63.2	(6.8)	64.3	(5.3)	55.6	(6.6)	
OECD average	<b>37.9</b>	(0.5)	<b>38.8</b>	(0.5)	<b>39.2</b>	(0.4)	<b>41.2</b>	(0.5)	<b>37.4</b>	(0.8)	<b>37.4</b>	(0.6)	<b>42.2</b>	(0.8)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>44.6</b>	(3.6)	46.8	(3.0)	48.0	(3.6)	<b>53.9</b>	(4.4)	46.6	(4.3)	40.1	(4.8)	58.4	(6.8)
	Brazil	38.0	(2.9)	33.5	(2.3)	35.8	(2.4)	38.1	(2.7)	38.2	(4.0)	33.4	(3.0)	38.7	(3.9)
	Bulgaria	33.6	(3.1)	34.8	(2.9)	35.2	(2.8)	41.9	(4.1)	34.1	(4.7)	31.3	(5.3)	43.0	(4.6)
	Colombia	<b>18.8</b>	(3.3)	19.8	(2.0)	23.7	(2.4)	<b>25.4</b>	(2.7)	<b>13.0</b>	(3.4)	23.8	(4.5)	<b>27.9</b>	(3.2)
	Costa Rica	42.6	(3.6)	47.6	(3.8)	46.3	(3.3)	47.7	(4.9)	38.3	(5.0)	49.7	(4.4)	48.4	(6.8)
	Croatia	71.5	(2.9)	68.6	(3.0)	67.1	(2.9)	66.9	(3.1)	69.5	(4.4)	70.3	(4.3)	63.6	(5.8)
	Cyprus*	<b>40.7</b>	(1.1)	34.2	(1.2)	31.8	(1.2)	<b>24.6</b>	(0.9)	<b>43.5</b>	(0.2)	33.0	(0.2)	<b>19.1</b>	(0.1)
	Hong Kong-China	31.2	(3.2)	30.7	(2.9)	33.9	(3.1)	39.0	(6.4)	30.9	(4.4)	31.0	(4.1)	41.7	(7.5)
	Indonesia	<b>38.6</b>	(3.7)	41.6	(3.6)	39.3	(3.2)	<b>49.6</b>	(4.7)	39.4	(4.5)	39.9	(6.2)	49.6	(5.4)
	Jordan	31.9	(3.6)	33.1	(3.3)	31.9	(3.1)	34.2	(5.0)	31.6	(6.5)	30.9	(4.1)	38.6	(7.9)
	Kazakhstan	32.7	(3.0)	36.6	(3.4)	36.5	(3.2)	37.5	(3.5)	<b>23.3</b>	(4.4)	40.6	(4.0)	<b>38.1</b>	(5.4)
	Latvia	35.9	(3.4)	38.8	(3.4)	36.9	(3.3)	37.8	(3.5)	24.0	(5.3)	45.3	(4.3)	33.1	(5.4)
	Liechtenstein	<b>23.3</b>	(4.0)	35.6	(4.2)	41.2	(4.1)	<b>43.4</b>	(3.6)	c	c	23.0	(1.1)	c	c
	Lithuania	45.7	(3.3)	46.5	(3.1)	49.5	(2.8)	49.3	(3.7)	42.4	(5.3)	47.0	(3.9)	54.4	(5.6)
	Macao-China	<b>60.6</b>	(1.0)	61.2	(1.2)	60.5	(1.2)	<b>54.0</b>	(1.0)	<b>68.8</b>	(0.1)	31.3	(0.1)	<b>58.3</b>	(0.1)
	Malaysia	40.5	(3.4)	41.9	(3.4)	41.8	(3.7)	45.6	(3.9)	35.4	(4.8)	44.9	(5.0)	45.7	(5.7)
	Montenegro	<b>43.9</b>	(1.0)	42.6	(1.0)	44.1	(1.1)	<b>52.5</b>	(0.9)	<b>42.8</b>	(0.2)	33.3	(0.2)	<b>56.1</b>	(0.1)
	Peru	<b>24.5</b>	(2.9)	29.8	(2.7)	36.6	(2.7)	<b>41.7</b>	(4.2)	<b>23.9</b>	(3.9)	31.2	(3.9)	<b>44.4</b>	(4.8)
	Qatar	<b>81.0</b>	(0.5)	75.9	(0.6)	74.1	(0.6)	<b>77.5</b>	(0.6)	<b>77.1</b>	(0.1)	84.2	(0.1)	<b>73.8</b>	(0.1)
	Romania	42.2	(4.2)	45.9	(3.7)	45.1	(3.6)	46.9	(4.0)	39.4	(6.1)	48.9	(4.8)	45.4	(5.7)
	Russian Federation	22.8	(2.5)	25.6	(2.7)	25.1	(2.8)	30.3	(4.2)	<b>19.8</b>	(2.9)	25.0	(3.5)	<b>32.7</b>	(5.3)
	Serbia	<b>40.3</b>	(4.3)	46.0	(4.3)	49.7	(4.2)	<b>55.0</b>	(4.3)	<b>26.5</b>	(5.5)	58.9	(5.9)	<b>57.2</b>	(6.8)
	Shanghai-China	<b>66.5</b>	(3.9)	69.3	(3.0)	74.4	(2.9)	<b>78.9</b>	(3.1)	<b>55.7</b>	(5.7)	77.2	(4.1)	<b>81.0</b>	(4.4)
	Singapore	<b>65.2</b>	(1.0)	66.5	(1.1)	66.2	(1.0)	<b>68.8</b>	(1.4)	<b>62.2</b>	(0.2)	68.7	(0.5)	<b>68.4</b>	(0.9)
	Chinese Taipei	<b>49.3</b>	(3.6)	55.2	(3.7)	59.8	(3.6)	<b>64.5</b>	(4.2)	<b>43.9</b>	(5.2)	58.3	(5.5)	<b>70.1</b>	(5.8)
	Thailand	77.0	(3.3)	70.5	(3.5)	70.7	(3.3)	74.9	(2.7)	77.1	(4.5)	66.1	(5.5)	76.1	(3.7)
Tunisia	37.6	(4.7)	38.9	(3.9)	40.3	(3.7)	42.2	(5.2)	38.6	(7.2)	35.8	(5.1)	47.9	(7.1)	
United Arab Emirates	<b>64.2</b>	(2.7)	58.1	(1.9)	54.5	(1.8)	<b>55.2</b>	(2.3)	<b>70.8</b>	(4.1)	56.1	(2.8)	<b>51.1</b>	(3.1)	
Uruguay	34.3	(4.2)	34.9	(3.6)	34.1	(3.3)	29.5	(3.9)	35.1	(5.2)	32.3	(4.5)	30.8	(5.9)	
Viet Nam	53.2	(4.7)	51.2	(4.2)	49.8	(4.3)	44.4	(5.6)	52.3	(5.9)	49.5	(6.3)	45.8	(7.8)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957460>



[Part 2/2]  
**Teacher professional development, by school features**  
 Results based on school principals' reports

Table IV.3.13


		Principal's report on the percentage of mathematics teachers in the school who have attended a programme of professional development with a focus on mathematics during the previous three months													
		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
		Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.
OECD	Australia	53.6	(2.0)	50.7	(2.2)	52.3	(1.6)	53.4	(2.3)	42.1	(6.3)	53.4	(2.9)	53.7	(1.9)
	Austria	53.5	(2.8)	49.7	(10.7)	46.6	(5.2)	53.5	(2.8)	50.0	(10.7)	53.2	(3.8)	53.8	(5.2)
	Belgium	32.0	(4.2)	40.1	(2.8)	39.8	(4.7)	35.6	(2.3)	31.9	(17.3)	38.5	(2.9)	28.0	(4.8)
	Canada	<b>60.7</b>	(1.9)	<b>40.4</b>	(6.4)	56.6	(2.7)	59.4	(1.9)	55.4	(6.0)	60.0	(3.1)	58.9	(2.7)
	Chile	26.2	(3.5)	28.7	(3.7)	19.7	(4.2)	28.5	(2.7)	47.5	(15.4)	29.6	(3.8)	26.4	(3.5)
	Czech Republic	23.8	(2.3)	26.5	(9.7)	22.7	(2.8)	25.6	(3.6)	29.5	(7.4)	22.9	(2.7)	25.3	(4.9)
	Denmark	26.3	(2.9)	23.7	(4.8)	25.5	(2.3)	c	c	<b>13.0</b>	(3.4)	31.8	(3.3)	22.4	(4.8)
	Estonia	62.0	(2.2)	41.1	(17.5)	61.9	(2.2)	57.8	(8.5)	54.8	(4.9)	61.2	(3.3)	68.6	(4.2)
	Finland	<b>32.0</b>	(2.4)	<b>23.7</b>	(0.9)	31.6	(2.4)	c	c	26.8	(10.2)	30.9	(2.9)	34.8	(3.7)
	France	<b>37.1</b>	(3.1)	<b>22.7</b>	(4.0)	31.2	(3.8)	35.0	(3.2)	43.8	(12.5)	30.6	(3.0)	39.7	(5.7)
	Germany	<b>24.3</b>	(1.9)	<b>10.8</b>	(4.1)	23.4	(1.8)	19.8	(10.7)	c	c	23.6	(2.3)	22.0	(3.7)
	Greece	24.2	(3.0)	c	c	18.8	(5.9)	25.1	(3.0)	34.1	(9.5)	24.2	(3.6)	23.7	(4.9)
	Hungary	20.9	(2.3)	22.1	(7.2)	20.7	(6.2)	21.1	(2.3)	<b>4.5</b>	(3.5)	20.9	(3.1)	22.5	(4.0)
	Iceland	34.6	(0.2)	c	c	34.4	(0.2)	c	c	<b>17.5</b>	(0.5)	43.8	(0.3)	<b>30.6</b>	(0.3)
	Ireland	90.4	(3.3)	85.3	(3.5)	88.4	(2.3)	87.3	(2.6)	88.1	(5.6)	84.9	(3.7)	92.8	(2.7)
	Israel	60.7	(2.6)	c	c	<b>68.1</b>	(4.3)	<b>59.5</b>	(2.6)	51.5	(5.9)	62.8	(3.7)	62.0	(5.0)
	Italy	28.1	(1.3)	32.0	(9.4)	<b>18.3</b>	(3.5)	<b>28.7</b>	(1.4)	18.6	(10.3)	28.4	(1.5)	29.2	(2.8)
	Japan	20.7	(2.0)	23.5	(3.5)	c	c	21.5	(1.8)	c	c	25.0	(4.0)	20.2	(2.1)
	Korea	35.0	(4.1)	26.8	(4.0)	47.5	(11.7)	30.3	(3.0)	c	c	37.8	(10.7)	30.4	(3.0)
	Luxembourg	<b>45.5</b>	(0.1)	<b>58.6</b>	(0.2)	<b>43.4</b>	(0.1)	<b>53.1</b>	(0.1)	c	c	47.3	(0.1)	c	c
	Mexico	46.3	(1.3)	47.0	(4.0)	49.5	(2.3)	44.9	(1.7)	<b>34.2</b>	(3.7)	47.0	(2.5)	50.5	(2.1)
	Netherlands	35.2	(6.0)	26.2	(2.8)	27.6	(3.2)	32.8	(3.8)	c	c	30.1	(3.5)	26.9	(4.9)
	New Zealand	61.1	(3.0)	55.7	(15.6)	<b>55.5</b>	(3.5)	<b>61.6</b>	(3.0)	53.0	(10.9)	64.8	(4.9)	59.7	(4.1)
	Norway	24.4	(2.2)	c	c	24.1	(2.2)	c	c	<b>12.4</b>	(2.2)	25.3	(3.0)	31.8	(5.4)
	Poland	46.1	(3.7)	39.8	(10.3)	45.9	(3.6)	c	c	45.4	(6.9)	47.9	(5.1)	42.0	(6.9)
	Portugal	35.1	(3.0)	38.3	(8.1)	35.6	(3.9)	35.2	(3.3)	59.9	(20.2)	34.0	(3.9)	32.7	(6.1)
	Slovak Republic	24.3	(2.6)	24.1	(7.3)	19.1	(3.0)	28.6	(4.0)	<b>12.1</b>	(3.4)	25.2	(3.1)	31.6	(6.2)
	Slovenia	58.3	(0.6)	54.9	(2.1)	52.7	(9.7)	58.5	(0.3)	<b>25.7</b>	(16.4)	58.2	(0.5)	59.2	(1.1)
	Spain	26.5	(1.6)	22.3	(3.2)	25.3	(1.6)	c	c	34.6	(6.2)	28.5	(2.1)	<b>19.7</b>	(2.8)
	Sweden	45.2	(3.5)	35.6	(7.1)	43.7	(3.4)	52.6	(11.7)	47.5	(7.4)	44.3	(4.5)	40.4	(6.9)
	Switzerland	<b>24.3</b>	(1.9)	<b>10.3</b>	(3.4)	24.4	(1.9)	19.9	(3.9)	22.8	(4.9)	22.9	(2.3)	26.0	(4.8)
	Turkey	17.3	(2.2)	c	c	14.6	(9.0)	18.5	(2.4)	8.9	(5.2)	18.9	(4.6)	18.5	(3.8)
United Kingdom	50.3	(3.4)	53.6	(5.2)	c	c	51.7	(2.8)	40.0	(8.1)	52.5	(4.1)	53.2	(5.5)	
United States	62.0	(3.5)	55.4	(13.8)	63.5	(7.1)	61.2	(3.2)	48.0	(15.7)	62.5	(4.5)	63.9	(5.0)	
OECD average	<b>39.6</b>	(0.5)	<b>36.9</b>	(1.3)	38.5	(0.8)	41.5	(0.8)	<b>36.3</b>	(1.7)	40.4	(0.6)	39.4	(0.7)	
Partners	Albania	47.2	(3.8)	49.6	(12.8)	45.4	(5.1)	50.0	(4.4)	40.9	(8.1)	41.1	(5.1)	<b>63.0</b>	(6.8)
	Argentina	48.4	(3.5)	48.0	(6.1)	<b>43.7</b>	(3.4)	<b>51.0</b>	(3.4)	33.4	(8.5)	50.5	(4.7)	49.0	(3.8)
	Brazil	34.9	(2.3)	43.3	(7.2)	<b>46.5</b>	(3.2)	<b>33.7</b>	(2.4)	23.7	(11.2)	38.8	(3.2)	34.1	(3.0)
	Bulgaria	35.8	(2.5)	c	c	29.1	(4.1)	36.6	(2.6)	19.3	(13.7)	39.0	(3.2)	33.4	(4.6)
	Colombia	21.5	(2.4)	23.8	(4.5)	22.2	(2.6)	21.7	(2.1)	15.7	(5.9)	21.9	(5.7)	23.2	(2.4)
	Costa Rica	46.2	(3.2)	49.7	(8.8)	44.6	(2.9)	48.3	(4.2)	50.0	(6.2)	44.9	(3.7)	44.4	(6.6)
	Croatia	69.2	(2.7)	c	c	c	c	68.5	(2.6)	c	c	70.5	(3.2)	65.8	(4.6)
	Cyprus*	<b>35.4</b>	(0.1)	<b>20.0</b>	(0.2)	<b>53.7</b>	(1.0)	<b>31.9</b>	(0.1)	<b>35.0</b>	(0.5)	39.3	(0.1)	<b>21.1</b>	(0.1)
	Hong Kong-China	29.1	(9.1)	33.0	(3.0)	32.2	(2.8)	34.3	(3.2)	c	c	c	c	33.6	(3.0)
	Indonesia	46.9	(3.5)	36.8	(5.2)	43.8	(4.5)	40.7	(4.3)	40.1	(6.4)	40.6	(4.0)	49.5	(5.5)
	Jordan	30.3	(3.1)	43.3	(10.9)	32.6	(3.1)	c	c	28.2	(7.8)	30.2	(4.7)	36.4	(5.0)
	Kazakhstan	36.3	(2.9)	19.1	(12.7)	36.3	(3.1)	34.5	(4.3)	30.4	(4.4)	43.3	(6.8)	35.8	(4.0)
	Latvia	37.9	(2.9)	c	c	37.3	(2.8)	40.7	(7.1)	34.5	(4.2)	39.1	(4.8)	37.5	(4.9)
	Liechtenstein	36.5	(0.7)	c	c	<b>31.0</b>	(0.7)	<b>70.0</b>	(0.0)	c	c	35.6	(0.7)	c	c
	Lithuania	48.0	(2.8)	c	c	47.7	(2.8)	c	c	37.1	(4.5)	47.5	(4.7)	53.7	(4.2)
	Macao-China	c	c	61.1	(0.0)	<b>61.4</b>	(0.1)	<b>56.0</b>	(0.1)	c	c	c	c	59.2	(0.0)
	Malaysia	43.3	(3.3)	27.6	(14.9)	39.4	(5.9)	42.6	(3.1)	35.8	(6.7)	44.4	(4.2)	41.4	(5.8)
	Montenegro	45.4	(0.1)	c	c	c	c	45.7	(0.1)	c	c	47.4	(0.2)	<b>41.4</b>	(0.2)
	Peru	28.7	(2.7)	39.1	(5.9)	<b>28.7</b>	(2.9)	<b>34.9</b>	(2.7)	23.5	(6.0)	28.6	(3.1)	<b>41.6</b>	(4.4)
	Qatar	<b>91.7</b>	(0.0)	<b>52.2</b>	(0.1)	<b>68.4</b>	(0.2)	<b>79.1</b>	(0.1)	<b>88.5</b>	(0.1)	80.4	(0.1)	<b>72.2</b>	(0.1)
	Romania	44.6	(3.2)	c	c	45.0	(3.2)	c	c	35.0	(10.6)	43.9	(4.0)	49.2	(5.6)
	Russian Federation	25.7	(2.6)	c	c	26.9	(2.8)	21.8	(3.5)	22.3	(2.9)	25.2	(4.7)	28.3	(3.9)
	Serbia	48.0	(3.9)	c	c	c	c	47.9	(3.8)	c	c	37.1	(5.2)	<b>63.6</b>	(5.1)
	Shanghai-China	<b>70.7</b>	(2.9)	<b>86.9</b>	(6.0)	74.5	(4.5)	70.5	(3.3)	c	c	c	c	72.3	(2.7)
	Singapore	66.3	(0.1)	c	c	64.3	(2.5)	66.7	(0.4)	c	c	c	c	66.7	(0.4)
	Chinese Taipei	61.1	(4.5)	50.8	(5.2)	<b>66.3</b>	(6.3)	<b>51.9</b>	(3.5)	c	c	53.6	(6.1)	58.9	(4.2)
	Thailand	<b>76.2</b>	(2.7)	<b>56.6</b>	(9.5)	74.5	(3.6)	72.9	(3.0)	80.5	(5.5)	74.0	(3.9)	68.6	(5.2)
	Tunisia	40.0	(3.5)	c	c	33.6	(5.7)	43.3	(4.4)	56.4	(22.6)	35.7	(3.6)	50.0	(9.4)
	United Arab Emirates	<b>74.5</b>	(2.6)	<b>46.8</b>	(3.2)	53.9	(4.8)	58.7	(1.7)	50.1	(6.6)	60.9	(4.2)	57.4	(2.4)
	Uruguay	34.8	(3.6)	25.0	(6.0)	33.7	(4.4)	32.6	(3.4)	49.5	(14.8)	32.5	(4.0)	30.8	(4.7)
	Viet Nam	51.0	(3.9)	27.9	(19.2)	<b>70.4</b>	(10.8)	<b>47.2</b>	(4.0)	54.5	(5.7)	51.1	(6.3)	39.4	(8.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Index of quality of physical infrastructure and mathematics performance**  
 Results based on school principals' reports

Table IV.3.14

	Index of quality of physical infrastructure										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.17	(0.04)	-1.07	(0.06)	-0.19	(0.04)	0.63	(0.08)	1.31	(0.00)	0.95	(0.02)
Austria	-0.16	(0.09)	-1.51	(0.15)	-0.50	(0.10)	0.10	(0.16)	1.30	(0.07)	1.07	(0.06)
Belgium	-0.15	(0.06)	-1.31	(0.09)	-0.52	(0.07)	0.09	(0.09)	1.15	(0.08)	0.96	(0.04)
Canada	0.32	(0.04)	-0.81	(0.07)	-0.02	(0.04)	0.78	(0.10)	1.31	(0.00)	0.86	(0.03)
Chile	-0.12	(0.07)	-1.60	(0.16)	-0.32	(0.07)	0.28	(0.09)	1.17	(0.09)	1.10	(0.07)
Czech Republic	0.45	(0.06)	-0.58	(0.10)	0.22	(0.09)	0.84	(0.10)	1.31	(0.00)	0.78	(0.04)
Denmark	-0.17	(0.05)	-1.22	(0.06)	-0.40	(0.07)	-0.01	(0.07)	0.96	(0.08)	0.86	(0.04)
Estonia	0.10	(0.06)	-1.19	(0.08)	-0.25	(0.08)	0.52	(0.11)	1.31	(0.00)	0.99	(0.03)
Finland	-0.32	(0.07)	-1.52	(0.09)	-0.67	(0.08)	-0.10	(0.09)	1.02	(0.10)	0.99	(0.05)
France	0.19	(0.07)	-1.00	(0.09)	-0.18	(0.08)	0.66	(0.15)	1.31	(0.00)	0.93	(0.03)
Germany	-0.03	(0.06)	-1.23	(0.12)	-0.30	(0.06)	0.24	(0.08)	1.18	(0.07)	0.94	(0.05)
Greece	-0.19	(0.08)	-1.60	(0.16)	-0.49	(0.07)	0.13	(0.08)	1.20	(0.09)	1.09	(0.05)
Hungary	0.21	(0.07)	-0.87	(0.11)	-0.05	(0.07)	0.44	(0.13)	1.31	(0.06)	0.84	(0.04)
Iceland	0.34	(0.00)	-0.73	(0.00)	-0.05	(0.01)	0.84	(0.01)	1.31	(0.00)	0.83	(0.00)
Ireland	-0.03	(0.09)	-1.58	(0.12)	-0.42	(0.16)	0.57	(0.18)	1.31	(0.00)	1.14	(0.06)
Israel	-0.54	(0.09)	-1.86	(0.12)	-0.91	(0.08)	-0.29	(0.12)	0.90	(0.13)	1.06	(0.05)
Italy	-0.33	(0.04)	-1.64	(0.05)	-0.66	(0.06)	-0.05	(0.05)	1.04	(0.05)	1.04	(0.03)
Japan	-0.13	(0.07)	-1.31	(0.10)	-0.42	(0.08)	0.10	(0.08)	1.11	(0.10)	0.94	(0.05)
Korea	-0.18	(0.08)	-1.34	(0.13)	-0.47	(0.09)	0.02	(0.09)	1.08	(0.11)	0.94	(0.06)
Luxembourg	-0.49	(0.00)	-1.57	(0.00)	-0.75	(0.00)	-0.27	(0.00)	0.63	(0.00)	0.88	(0.00)
Mexico	-0.40	(0.04)	-1.73	(0.07)	-0.74	(0.04)	-0.11	(0.04)	0.97	(0.06)	1.06	(0.03)
Netherlands	-0.29	(0.08)	-1.56	(0.10)	-0.56	(0.10)	0.03	(0.10)	0.95	(0.11)	0.97	(0.05)
New Zealand	0.03	(0.09)	-1.21	(0.14)	-0.34	(0.10)	0.38	(0.15)	1.31	(0.06)	0.97	(0.05)
Norway	-0.31	(0.08)	-1.53	(0.11)	-0.66	(0.10)	-0.02	(0.12)	0.99	(0.09)	0.99	(0.05)
Poland	0.50	(0.07)	-0.61	(0.15)	0.32	(0.07)	0.97	(0.12)	1.31	(0.00)	0.82	(0.07)
Portugal	-0.26	(0.09)	-1.38	(0.09)	-0.62	(0.14)	-0.02	(0.09)	0.96	(0.13)	0.91	(0.04)
Slovak Republic	-0.13	(0.07)	-1.40	(0.11)	-0.45	(0.08)	0.15	(0.10)	1.18	(0.08)	1.00	(0.05)
Slovenia	0.05	(0.01)	-1.11	(0.02)	-0.29	(0.01)	0.31	(0.02)	1.29	(0.02)	0.93	(0.01)
Spain	0.01	(0.05)	-1.33	(0.12)	-0.28	(0.05)	0.36	(0.09)	1.31	(0.03)	1.03	(0.05)
Sweden	0.21	(0.08)	-1.14	(0.12)	-0.13	(0.09)	0.83	(0.18)	1.31	(0.00)	1.01	(0.05)
Switzerland	0.29	(0.05)	-0.83	(0.08)	-0.03	(0.06)	0.73	(0.14)	1.31	(0.00)	0.87	(0.04)
Turkey	-0.25	(0.07)	-1.51	(0.10)	-0.47	(0.13)	-0.03	(0.06)	1.00	(0.11)	0.97	(0.05)
United Kingdom	0.04	(0.07)	-1.36	(0.10)	-0.33	(0.11)	0.55	(0.14)	1.31	(0.00)	1.07	(0.04)
United States	0.46	(0.06)	-0.61	(0.09)	0.16	(0.10)	0.99	(0.12)	1.31	(0.00)	0.80	(0.04)
<b>OECD average</b>	<b>-0.03</b>	<b>(0.01)</b>	<b>-1.26</b>	<b>(0.02)</b>	<b>-0.35</b>	<b>(0.01)</b>	<b>0.31</b>	<b>(0.02)</b>	<b>1.17</b>	<b>(0.01)</b>	<b>0.96</b>	<b>(0.01)</b>
<b>Partners</b>												
Albania	-0.42	(0.07)	-1.64	(0.09)	-0.75	(0.08)	-0.19	(0.09)	0.91	(0.12)	1.00	(0.04)
Argentina	-0.38	(0.10)	-2.04	(0.16)	-0.77	(0.11)	0.03	(0.16)	1.27	(0.07)	1.25	(0.06)
Brazil	-0.35	(0.05)	-1.84	(0.08)	-0.77	(0.06)	0.05	(0.08)	1.15	(0.06)	1.16	(0.03)
Bulgaria	0.19	(0.06)	-1.02	(0.10)	-0.09	(0.07)	0.57	(0.13)	1.31	(0.00)	0.91	(0.04)
Colombia	-0.78	(0.09)	-2.24	(0.14)	-1.12	(0.11)	-0.41	(0.08)	0.67	(0.12)	1.13	(0.05)
Costa Rica	-0.71	(0.07)	-2.25	(0.12)	-0.98	(0.07)	-0.34	(0.06)	0.73	(0.13)	1.15	(0.05)
Croatia	-0.57	(0.07)	-1.72	(0.09)	-0.90	(0.10)	-0.18	(0.08)	0.52	(0.07)	0.89	(0.04)
Cyprus*	-0.02	(0.00)	-1.12	(0.00)	-0.29	(0.00)	0.22	(0.00)	1.09	(0.00)	0.88	(0.00)
Hong Kong-China	-0.02	(0.07)	-1.08	(0.11)	-0.30	(0.05)	0.13	(0.10)	1.14	(0.10)	0.85	(0.04)
Indonesia	-0.52	(0.08)	-1.57	(0.13)	-0.72	(0.10)	-0.32	(0.05)	0.52	(0.14)	0.85	(0.06)
Jordan	-0.56	(0.09)	-2.08	(0.13)	-0.97	(0.11)	-0.18	(0.11)	0.98	(0.12)	1.18	(0.05)
Kazakhstan	-0.21	(0.09)	-1.70	(0.14)	-0.66	(0.12)	0.23	(0.18)	1.31	(0.04)	1.17	(0.06)
Latvia	0.38	(0.06)	-0.61	(0.09)	0.12	(0.10)	0.70	(0.10)	1.31	(0.00)	0.77	(0.04)
Liechtenstein	0.11	(0.02)	c	c	c	c	c	c	c	c	0.79	(0.01)
Lithuania	-0.01	(0.06)	-1.16	(0.12)	-0.28	(0.05)	0.28	(0.08)	1.15	(0.08)	0.91	(0.05)
Macao-China	-0.11	(0.00)	-1.36	(0.00)	-0.46	(0.00)	0.11	(0.00)	1.27	(0.00)	1.00	(0.00)
Malaysia	0.08	(0.08)	-1.31	(0.11)	-0.29	(0.11)	0.60	(0.16)	1.31	(0.00)	1.04	(0.05)
Montenegro	-0.07	(0.00)	-1.03	(0.00)	-0.42	(0.00)	0.12	(0.00)	1.05	(0.00)	0.82	(0.00)
Peru	-0.47	(0.08)	-1.94	(0.10)	-0.85	(0.10)	-0.14	(0.09)	1.06	(0.11)	1.15	(0.05)
Qatar	0.46	(0.00)	-0.91	(0.00)	0.14	(0.01)	1.31	(0.00)	1.31	(0.00)	0.98	(0.00)
Romania	0.18	(0.05)	-0.65	(0.08)	-0.11	(0.05)	0.33	(0.06)	1.15	(0.09)	0.71	(0.03)
Russian Federation	0.17	(0.07)	-1.07	(0.12)	-0.13	(0.08)	0.56	(0.15)	1.31	(0.00)	0.95	(0.05)
Serbia	-0.34	(0.09)	-1.47	(0.12)	-0.65	(0.09)	-0.16	(0.10)	0.90	(0.14)	0.94	(0.06)
Shanghai-China	-0.19	(0.09)	-1.67	(0.11)	-0.53	(0.10)	0.18	(0.14)	1.28	(0.08)	1.13	(0.04)
Singapore	0.40	(0.01)	-0.65	(0.01)	0.08	(0.01)	0.88	(0.02)	1.31	(0.00)	0.80	(0.00)
Chinese Taipei	0.05	(0.08)	-1.34	(0.14)	-0.29	(0.11)	0.53	(0.17)	1.31	(0.00)	1.04	(0.06)
Thailand	-0.87	(0.08)	-2.34	(0.12)	-1.23	(0.09)	-0.49	(0.10)	0.56	(0.12)	1.13	(0.05)
Tunisia	-1.25	(0.08)	-2.35	(0.09)	-1.53	(0.07)	-1.09	(0.11)	-0.04	(0.15)	0.93	(0.06)
United Arab Emirates	0.14	(0.05)	-1.53	(0.10)	-0.15	(0.09)	0.91	(0.08)	1.31	(0.00)	1.18	(0.04)
Uruguay	-0.41	(0.09)	-2.04	(0.16)	-0.81	(0.10)	0.08	(0.12)	1.15	(0.08)	1.24	(0.05)
Viet Nam	-0.40	(0.09)	-1.70	(0.15)	-0.64	(0.08)	-0.11	(0.11)	0.84	(0.12)	1.01	(0.06)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of quality of physical infrastructure and mathematics performance

Table IV.3.14 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>494</b> (4.6)		498 (4.7)		511 (3.7)		<b>517</b> (3.5)		<b>9.4</b> (2.60)		<b>1.2</b> (0.08)		0.8 (0.47)	
Austria	517 (9.7)		491 (10.9)		511 (8.7)		509 (9.5)		1.5 (5.15)		0.9 (0.20)		0.0 (0.33)	
Belgium	<b>505</b> (8.5)		513 (9.1)		514 (9.1)		<b>530</b> (7.9)		8.3 (5.30)		1.1 (0.17)		0.6 (0.80)	
Canada	520 (4.5)		515 (3.8)		518 (3.5)		519 (3.3)		0.4 (2.37)		0.9 (0.07)		0.0 (0.06)	
Chile	<b>394</b> (5.1)		415 (7.1)		430 (6.8)		<b>451</b> (8.3)		<b>17.7</b> (3.01)		<b>1.7</b> (0.20)		5.8 (1.78)	
Czech Republic	507 (9.0)		492 (7.4)		500 (7.6)		496 (8.2)		-6.1 (5.88)		0.9 (0.15)		0.3 (0.44)	
Denmark	497 (5.8)		499 (4.8)		506 (5.8)		502 (5.4)		1.5 (3.37)		1.1 (0.14)		0.0 (0.15)	
Estonia	527 (4.2)		524 (5.1)		513 (4.9)		522 (4.0)		<b>-4.1</b> (1.92)		0.9 (0.09)		0.3 (0.25)	
Finland	517 (4.1)		518 (4.2)		520 (4.4)		520 (4.0)		0.5 (2.06)		1.0 (0.08)		0.0 (0.05)	
France	516 (9.2)		488 (9.7)		482 (9.2)		500 (8.3)		-7.4 (5.97)		<b>0.7</b> (0.15)		0.5 (0.82)	
Germany	518 (7.6)		515 (9.8)		512 (8.2)		510 (9.6)		-3.9 (5.11)		0.8 (0.13)		0.1 (0.43)	
Greece	440 (7.3)		456 (5.9)		464 (6.2)		453 (8.1)		4.9 (3.38)		1.3 (0.17)		0.4 (0.50)	
Hungary	472 (10.3)		474 (10.3)		497 (13.7)		469 (10.6)		0.7 (6.69)		1.1 (0.22)		0.0 (0.28)	
Iceland	500 (3.1)		490 (4.0)		487 (3.4)		493 (4.9)		-3.1 (2.14)		<b>0.8</b> (0.06)		0.1 (0.11)	
Ireland	502 (5.0)		502 (6.9)		499 (7.4)		507 (6.6)		0.1 (2.69)		1.0 (0.12)		0.0 (0.10)	
Israel	448 (11.8)		482 (11.9)		467 (11.3)		477 (11.8)		5.6 (6.44)		1.3 (0.25)		0.3 (0.75)	
Italy	<b>481</b> (5.1)		489 (5.3)		483 (5.5)		<b>496</b> (5.1)		<b>5.4</b> (2.57)		1.1 (0.11)		0.4 (0.35)	
Japan	538 (9.7)		532 (10.2)		526 (8.2)		549 (7.5)		4.7 (4.95)		1.0 (0.19)		0.2 (0.53)	
Korea	557 (9.1)		554 (9.3)		550 (9.1)		555 (9.9)		-1.9 (5.21)		1.0 (0.14)		0.0 (0.28)	
Luxembourg	<b>502</b> (2.5)		477 (2.1)		471 (2.9)		<b>510</b> (2.6)		<b>3.4</b> (1.10)		<b>0.8</b> (0.04)		0.1 (0.06)	
Mexico	<b>394</b> (2.87)		407 (2.86)		421 (2.55)		<b>432</b> (3.8)		<b>13.6</b> (1.84)		<b>1.6</b> (0.10)		3.8 (0.98)	
Netherlands	528 (12.3)		512 (12.8)		512 (10.1)		526 (12.9)		2.3 (6.83)		0.9 (0.21)		0.1 (0.56)	
New Zealand	502 (7.7)		508 (6.0)		495 (8.6)		503 (7.9)		-1.6 (4.22)		1.0 (0.14)		0.0 (0.19)	
Norway	493 (6.2)		491 (5.3)		486 (6.4)		496 (5.5)		0.3 (2.79)		1.0 (0.12)		0.0 (0.08)	
Poland	525 (8.8)		519 (6.4)		512 (4.8)		513 (5.9)		-8.4 (4.69)		0.9 (0.11)		0.6 (0.66)	
Portugal	<b>462</b> (7.7)		489 (7.7)		484 (9.7)		<b>512</b> (6.9)		<b>19.2</b> (4.19)		<b>1.6</b> (0.21)		3.4 (1.48)	
Slovak Republic	479 (8.4)		483 (9.3)		488 (10.3)		477 (10.8)		-1.5 (5.29)		1.0 (0.14)		0.0 (0.24)	
Slovenia	<b>512</b> (3.7)		507 (4.1)		505 (3.1)		<b>496</b> (2.4)		<b>-2.9</b> (1.40)		1.0 (0.10)		0.1 (0.09)	
Spain	<b>474</b> (3.6)		480 (4.6)		489 (4.0)		<b>495</b> (4.4)		<b>7.8</b> (2.06)		<b>1.2</b> (0.09)		0.8 (0.41)	
Sweden	472 (6.3)		479 (5.1)		477 (5.1)		484 (5.8)		4.2 (3.33)		1.1 (0.14)		0.2 (0.35)	
Switzerland	535 (7.4)		523 (8.6)		536 (7.7)		534 (5.2)		0.4 (3.64)		0.9 (0.11)		0.0 (0.11)	
Turkey	<b>414</b> (7.4)		442 (9.3)		457 (9.9)		<b>479</b> (13.7)		<b>22.3</b> (5.83)		<b>1.6</b> (0.20)		5.7 (2.76)	
United Kingdom	497 (5.7)		501 (5.6)		502 (8.0)		481 (10.0)		-4.7 (4.24)		0.9 (0.12)		0.3 (0.57)	
United States	<b>467</b> (7.1)		486 (5.9)		485 (6.8)		<b>491</b> (6.9)		<b>11.4</b> (4.62)		1.3 (0.17)		1.0 (0.87)	
OECD average	<b>491</b> (1.2)		493 (1.3)		494 (1.3)		<b>500</b> (1.3)		<b>2.9</b> (0.72)		<b>1.1</b> (0.03)		0.8 (0.13)	
<b>Partners</b>	Albania	394 (4.4)	391 (4.7)	395 (4.6)	396 (4.6)	1.7 (2.15)	1.0 (0.09)	0.0 (0.11)						
Argentina	<b>355</b> (7.5)	393 (7.4)	393 (7.0)	<b>412</b> (8.3)	<b>16.6</b> (3.02)	<b>2.0</b> (0.27)	7.4 (2.63)							
Brazil	<b>369</b> (3.6)	381 (3.2)	396 (6.5)	<b>419</b> (4.9)	<b>16.4</b> (2.09)	<b>1.4</b> (0.11)	6.0 (1.38)							
Bulgaria	<b>464</b> (9.2)	428 (9.2)	438 (8.2)	<b>425</b> (9.1)	<b>-14.6</b> (5.80)	<b>0.7</b> (0.12)	2.0 (1.59)							
Colombia	<b>363</b> (7.0)	372 (5.8)	379 (5.6)	<b>392</b> (6.5)	<b>11.0</b> (2.84)	1.3 (0.17)	2.8 (1.44)							
Costa Rica	<b>385</b> (6.8)	398 (6.1)	413 (6.5)	<b>433</b> (7.5)	<b>16.7</b> (3.51)	<b>1.7</b> (0.23)	7.8 (3.13)							
Croatia	472 (8.2)	470 (8.9)	465 (9.1)	477 (9.1)	0.5 (4.81)	0.9 (0.14)	0.0 (0.16)							
Cyprus*	<b>442</b> (2.5)	453 (2.7)	447 (2.9)	<b>424</b> (2.6)	<b>-6.8</b> (1.24)	1.0 (0.07)	0.4 (0.15)							
Hong Kong-China	570 (8.6)	549 (10.4)	557 (7.9)	569 (9.1)	0.8 (5.81)	0.8 (0.13)	0.0 (0.25)							
Indonesia	<b>358</b> (6.8)	366 (6.7)	378 (7.2)	<b>398</b> (10.0)	<b>21.4</b> (5.91)	1.3 (0.20)	6.4 (3.34)							
Jordan	380 (7.4)	383 (6.3)	383 (8.0)	397 (7.2)	4.6 (3.09)	1.1 (0.16)	0.5 (0.64)							
Kazakhstan	437 (6.5)	432 (7.9)	425 (5.5)	435 (7.1)	-0.3 (2.99)	0.9 (0.13)	0.0 (0.22)							
Latvia	487 (7.8)	491 (5.7)	493 (5.1)	489 (5.9)	-1.1 (5.10)	1.1 (0.16)	0.0 (0.23)							
Liechtenstein	c	c	c	c	<b>-51.6</b> (5.06)	<b>0.5</b> (0.23)	19.4 (3.23)							
Lithuania	<b>491</b> (6.5)	481 (6.4)	475 (5.6)	<b>469</b> (6.8)	<b>-8.6</b> (3.83)	0.8 (0.12)	0.8 (0.71)							
Macao-China	<b>533</b> (2.4)	548 (2.0)	521 (2.4)	<b>550</b> (1.9)	<b>6.8</b> (0.98)	1.1 (0.05)	0.5 (0.15)							
Malaysia	415 (6.5)	426 (7.5)	425 (8.0)	416 (7.0)	0.0 (3.22)	1.1 (0.14)	0.0 (0.15)							
Montenegro	<b>401</b> (2.5)	429 (3.4)	401 (2.7)	<b>408</b> (2.4)	2.0 (1.16)	<b>1.2</b> (0.07)	0.0 (0.05)							
Peru	<b>341</b> (6.3)	353 (6.4)	374 (9.0)	<b>403</b> (9.6)	<b>18.6</b> (3.74)	<b>1.6</b> (0.22)	6.4 (2.31)							
Qatar	<b>387</b> (1.5)	389 (1.5)	365 (2.0)	<b>365</b> (1.8)	<b>-10.3</b> (0.83)	<b>0.9</b> (0.04)	1.0 (0.16)							
Romania	443 (7.6)	440 (7.2)	448 (8.4)	448 (7.5)	4.5 (5.17)	1.0 (0.15)	0.2 (0.43)							
Russian Federation	484 (5.6)	489 (5.3)	474 (5.5)	481 (7.5)	-2.6 (3.66)	1.0 (0.09)	0.1 (0.26)							
Serbia	442 (9.0)	449 (8.9)	457 (10.2)	446 (9.3)	1.0 (5.30)	1.1 (0.20)	0.0 (0.32)							
Shanghai-China	606 (9.1)	612 (9.4)	604 (10.1)	629 (11.3)	7.2 (5.19)	1.0 (0.18)	0.7 (1.04)							
Singapore	<b>570</b> (2.6)	566 (3.0)	577 (3.6)	<b>581</b> (4.2)	<b>7.5</b> (1.80)	1.0 (0.06)	0.3 (0.17)							
Chinese Taipei	556 (11.2)	552 (11.8)	574 (10.4)	554 (9.5)	2.5 (5.81)	1.1 (0.16)	0.1 (0.36)							
Thailand	422 (7.8)	430 (8.0)	434 (7.3)	421 (6.5)	-0.4 (3.42)	1.0 (0.14)	0.0 (0.21)							
Tunisia	389 (6.6)	393 (7.7)	379 (7.1)	392 (11.4)	-1.6 (4.71)	0.8 (0.15)	0.0 (0.42)							
United Arab Emirates	<b>408</b> (4.2)	436 (5.2)	447 (4.4)	<b>449</b> (5.8)	<b>14.6</b> (2.15)	<b>1.5</b> (0.15)	3.7 (1.08)							
Uruguay	<b>378</b> (5.8)	383 (9.3)	434 (8.2)	<b>442</b> (8.1)	<b>21.8</b> (2.97)	<b>1.6</b> (0.17)	9.3 (2.32)							
Viet Nam	500 (13.8)	510 (7.9)	523 (9.7)	512 (10.6)	7.0 (6.39)	1.4 (0.28)	0.7 (1.23)							

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
Index of quality of physical infrastructure, by school features

Table IV.3.15 Results based on school principals' reports


		Index of quality of physical infrastructure													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	<b>0.02</b>	(0.05)	0.10	(0.04)	0.21	(0.04)	<b>0.35</b>	(0.04)	<b>0.02</b>	(0.07)	0.05	(0.05)	<b>0.53</b>	(0.06)
	Austria	-0.14	(0.11)	-0.08	(0.10)	-0.19	(0.11)	-0.21	(0.10)	-0.19	(0.19)	-0.07	(0.14)	-0.26	(0.11)
	Belgium	-0.16	(0.07)	-0.19	(0.07)	-0.13	(0.07)	-0.12	(0.08)	-0.17	(0.11)	-0.24	(0.09)	-0.03	(0.13)
	Canada	0.31	(0.05)	0.33	(0.04)	0.29	(0.05)	0.33	(0.05)	0.25	(0.09)	0.36	(0.06)	0.29	(0.08)
	Chile	<b>-0.46</b>	(0.11)	<b>-0.26</b>	(0.09)	<b>-0.08</b>	(0.09)	<b>0.34</b>	(0.09)	<b>-0.51</b>	(0.11)	<b>-0.18</b>	(0.18)	<b>0.41</b>	(0.12)
	Czech Republic	0.48	(0.07)	0.47	(0.08)	0.48	(0.06)	0.36	(0.07)	0.39	(0.16)	0.53	(0.07)	0.27	(0.12)
	Denmark	-0.15	(0.06)	-0.17	(0.06)	-0.16	(0.06)	-0.19	(0.07)	-0.22	(0.11)	-0.11	(0.07)	-0.26	(0.12)
	Estonia	<b>0.24</b>	(0.08)	0.11	(0.07)	0.04	(0.06)	<b>0.00</b>	(0.05)	0.15	(0.16)	0.18	(0.07)	-0.15	(0.08)
	Finland	-0.26	(0.08)	-0.32	(0.08)	-0.33	(0.07)	-0.35	(0.07)	-0.01	(0.18)	-0.37	(0.08)	-0.39	(0.11)
	France	0.27	(0.07)	0.21	(0.07)	0.14	(0.07)	0.15	(0.10)	0.40	(0.11)	0.07	(0.10)	0.22	(0.14)
	Germany	0.02	(0.06)	0.00	(0.07)	0.00	(0.08)	-0.02	(0.09)	0.01	(0.11)	0.03	(0.09)	-0.12	(0.15)
	Greece	<b>-0.31</b>	(0.11)	-0.24	(0.10)	-0.16	(0.09)	<b>-0.04</b>	(0.08)	<b>-0.39</b>	(0.19)	-0.26	(0.12)	<b>0.14</b>	(0.14)
	Hungary	0.24	(0.09)	0.21	(0.08)	0.19	(0.08)	<b>0.19</b>	(0.09)	<b>0.23</b>	(0.12)	0.25	(0.10)	0.13	(0.11)
	Iceland	<b>0.37</b>	(0.03)	0.33	(0.03)	0.36	(0.03)	<b>0.29</b>	(0.03)	<b>0.06</b>	(0.01)	0.49	(0.01)	<b>0.24</b>	(0.00)
	Ireland	-0.06	(0.10)	-0.06	(0.10)	-0.04	(0.11)	0.03	(0.11)	0.15	(0.20)	-0.12	(0.12)	0.04	(0.22)
	Israel	-0.56	(0.12)	-0.54	(0.11)	-0.48	(0.10)	-0.53	(0.11)	-0.67	(0.21)	-0.36	(0.14)	-0.60	(0.13)
	Italy	-0.37	(0.06)	-0.34	(0.04)	-0.31	(0.04)	-0.30	(0.05)	-0.38	(0.09)	-0.28	(0.07)	-0.34	(0.07)
	Japan	<b>-0.22</b>	(0.08)	-0.13	(0.07)	-0.12	(0.07)	<b>-0.04</b>	(0.08)	<b>-0.23</b>	(0.12)	-0.25	(0.09)	<b>0.16</b>	(0.12)
	Korea	-0.13	(0.08)	-0.16	(0.08)	-0.21	(0.09)	-0.21	(0.10)	-0.17	(0.12)	-0.10	(0.10)	-0.35	(0.19)
	Luxembourg	<b>-0.61</b>	(0.02)	<b>-0.52</b>	(0.02)	<b>-0.45</b>	(0.02)	<b>-0.39</b>	(0.02)	<b>-0.59</b>	(0.00)	-0.44	(0.00)	<b>-0.39</b>	(0.00)
	Mexico	<b>-0.76</b>	(0.05)	-0.48	(0.05)	-0.34	(0.05)	<b>-0.02</b>	(0.06)	<b>-0.80</b>	(0.06)	-0.37	(0.06)	<b>0.02</b>	(0.08)
	Netherlands	-0.30	(0.09)	-0.31	(0.08)	-0.25	(0.09)	-0.26	(0.11)	-0.28	(0.13)	-0.35	(0.11)	-0.17	(0.17)
	New Zealand	0.10	(0.10)	0.02	(0.10)	-0.04	(0.09)	0.05	(0.12)	0.34	(0.16)	-0.11	(0.11)	0.11	(0.16)
	Norway	-0.31	(0.10)	-0.35	(0.08)	-0.30	(0.08)	-0.26	(0.09)	-0.15	(0.24)	-0.38	(0.09)	-0.10	(0.21)
	Poland	0.50	(0.08)	0.54	(0.07)	0.52	(0.08)	0.42	(0.10)	<b>0.58</b>	(0.12)	0.53	(0.09)	0.33	(0.18)
	Portugal	<b>-0.50</b>	(0.10)	-0.30	(0.10)	-0.20	(0.09)	<b>-0.05</b>	(0.11)	<b>-0.57</b>	(0.15)	-0.23	(0.11)	<b>0.15</b>	(0.17)
	Slovak Republic	-0.09	(0.08)	-0.07	(0.08)	-0.19	(0.07)	-0.19	(0.10)	-0.14	(0.11)	-0.05	(0.12)	-0.27	(0.16)
	Slovenia	0.09	(0.03)	0.08	(0.03)	-0.01	(0.04)	0.06	(0.03)	<b>0.19</b>	(0.02)	0.01	(0.03)	<b>-0.01</b>	(0.01)
	Spain	<b>-0.13</b>	(0.07)	<b>-0.02</b>	(0.06)	0.04	(0.06)	<b>0.17</b>	(0.06)	<b>-0.19</b>	(0.11)	-0.09	(0.08)	<b>0.39</b>	(0.08)
	Sweden	<b>0.14</b>	(0.10)	0.18	(0.09)	0.22	(0.08)	<b>0.32</b>	(0.08)	<b>-0.01</b>	(0.22)	0.13	(0.10)	<b>0.60</b>	(0.14)
	Switzerland	0.35	(0.06)	0.29	(0.06)	0.25	(0.06)	0.28	(0.07)	<b>0.31</b>	(0.09)	0.25	(0.09)	0.34	(0.10)
	Turkey	<b>-0.47</b>	(0.09)	-0.30	(0.08)	-0.30	(0.08)	<b>0.06</b>	(0.09)	<b>-0.57</b>	(0.14)	-0.29	(0.12)	<b>0.21</b>	(0.12)
United Kingdom	0.12	(0.08)	0.07	(0.09)	-0.07	(0.08)	0.01	(0.09)	<b>0.57</b>	(0.11)	-0.22	(0.10)	<b>0.12</b>	(0.15)	
United States	0.33	(0.09)	0.47	(0.07)	0.54	(0.06)	0.50	(0.08)	<b>0.10</b>	(0.14)	0.60	(0.09)	<b>0.57</b>	(0.11)	
OECD average	<b>-0.07</b>	(0.01)	<b>-0.04</b>	(0.01)	<b>-0.03</b>	(0.01)	<b>0.02</b>	(0.01)	<b>-0.07</b>	(0.02)	<b>-0.04</b>	(0.02)	<b>0.05</b>	(0.02)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>-0.77</b>	(0.12)	-0.50	(0.11)	-0.27	(0.12)	<b>0.06</b>	(0.12)	<b>-0.90</b>	(0.15)	-0.54	(0.18)	<b>0.35</b>	(0.14)
	Brazil	<b>-0.70</b>	(0.07)	-0.55	(0.06)	-0.28	(0.07)	<b>0.12</b>	(0.06)	<b>-0.83</b>	(0.09)	-0.45	(0.08)	<b>0.46</b>	(0.10)
	Bulgaria	<b>0.32</b>	(0.07)	0.25	(0.06)	0.17	(0.06)	<b>0.02</b>	(0.10)	<b>0.41</b>	(0.09)	0.15	(0.09)	<b>0.02</b>	(0.13)
	Colombia	<b>-1.00</b>	(0.13)	-0.86	(0.08)	-0.76	(0.10)	<b>-0.48</b>	(0.14)	<b>-1.12</b>	(0.18)	-0.71	(0.11)	<b>-0.54</b>	(0.20)
	Costa Rica	<b>-1.01</b>	(0.10)	-0.88	(0.08)	-0.72	(0.08)	<b>-0.23</b>	(0.11)	<b>-1.09</b>	(0.15)	-0.84	(0.10)	<b>0.03</b>	(0.18)
	Croatia	<b>-0.49</b>	(0.06)	-0.55	(0.08)	-0.58	(0.08)	<b>-0.66</b>	(0.09)	-0.51	(0.11)	-0.53	(0.10)	-0.74	(0.16)
	Cyprus*	-0.04	(0.02)	-0.02	(0.02)	0.02	(0.02)	-0.06	(0.02)	<b>-0.13</b>	(0.00)	0.10	(0.00)	<b>-0.08</b>	(0.00)
	Hong Kong-China	-0.07	(0.08)	-0.07	(0.08)	0.00	(0.07)	0.03	(0.09)	-0.17	(0.10)	0.01	(0.11)	0.12	(0.14)
	Indonesia	<b>-0.71</b>	(0.09)	-0.65	(0.08)	-0.52	(0.09)	<b>-0.21</b>	(0.15)	<b>-0.76</b>	(0.10)	-0.58	(0.13)	<b>-0.10</b>	(0.15)
	Jordan	<b>-0.68</b>	(0.11)	-0.59	(0.10)	-0.58	(0.09)	<b>-0.39</b>	(0.11)	-0.82	(0.19)	-0.56	(0.12)	-0.28	(0.21)
	Kazakhstan	-0.28	(0.10)	-0.15	(0.10)	-0.15	(0.10)	-0.25	(0.11)	-0.39	(0.18)	-0.04	(0.13)	-0.31	(0.18)
	Latvia	<b>0.50</b>	(0.06)	0.36	(0.07)	0.34	(0.07)	<b>0.29</b>	(0.09)	<b>0.60</b>	(0.11)	0.37	(0.08)	<b>0.20</b>	(0.15)
	Liechtenstein	0.31	(0.10)	-0.05	(0.09)	0.01	(0.11)	0.11	(0.09)	c	c	0.31	(0.03)	c	c
	Lithuania	<b>0.11</b>	(0.07)	0.04	(0.06)	-0.06	(0.07)	<b>-0.12</b>	(0.07)	<b>0.22</b>	(0.11)	0.02	(0.08)	<b>-0.28</b>	(0.12)
	Macao-China	<b>-0.29</b>	(0.02)	-0.23	(0.02)	-0.10	(0.02)	<b>0.18</b>	(0.02)	<b>-0.27</b>	(0.00)	-0.51	(0.00)	<b>0.38</b>	(0.00)
	Malaysia	0.10	(0.10)	0.12	(0.09)	0.03	(0.09)	0.06	(0.09)	0.26	(0.15)	-0.06	(0.14)	0.10	(0.14)
	Montenegro	-0.11	(0.02)	-0.05	(0.02)	-0.05	(0.03)	-0.06	(0.02)	<b>-0.21</b>	(0.01)	-0.02	(0.00)	<b>0.04</b>	(0.00)
	Peru	<b>-0.87</b>	(0.11)	-0.60	(0.09)	-0.35	(0.09)	<b>-0.05</b>	(0.11)	<b>-0.87</b>	(0.12)	-0.58	(0.12)	<b>0.07</b>	(0.12)
	Qatar	<b>0.47</b>	(0.01)	0.41	(0.02)	0.41	(0.02)	<b>0.57</b>	(0.02)	<b>0.36</b>	(0.00)	0.37	(0.00)	<b>0.58</b>	(0.00)
	Romania	0.11	(0.07)	0.20	(0.06)	0.18	(0.05)	0.23	(0.07)	0.02	(0.09)	0.28	(0.09)	0.20	(0.10)
	Russian Federation	0.19	(0.07)	0.21	(0.08)	0.12	(0.08)	0.15	(0.10)	0.13	(0.11)	0.29	(0.09)	-0.03	(0.16)
	Serbia	-0.32	(0.10)	-0.32	(0.10)	-0.35	(0.10)	-0.36	(0.09)	-0.52	(0.16)	-0.17	(0.12)	-0.42	(0.14)
	Shanghai-China	-0.25	(0.12)	-0.17	(0.10)	-0.17	(0.10)	-0.16	(0.11)	-0.27	(0.19)	-0.31	(0.16)	0.02	(0.16)
	Singapore	<b>0.36</b>	(0.02)	0.36	(0.02)	0.38	(0.02)	<b>0.52</b>	(0.03)	<b>0.36</b>	(0.00)	0.34	(0.00)	<b>0.61</b>	(0.03)
	Chinese Taipei	0.01	(0.10)	0.01	(0.09)	0.07	(0.09)	0.11	(0.09)	-0.04	(0.16)	-0.04	(0.14)	0.29	(0.14)
	Thailand	<b>-1.01</b>	(0.09)	-0.94	(0.09)	-0.81	(0.09)	<b>-0.74</b>	(0.10)	<b>-1.11</b>	(0.12)	-0.76	(0.16)	<b>-0.69</b>	(0.16)
	Tunisia	-1.24	(0.11)	-1.30	(0.09)	-1.28	(0.08)	-1.16	(0.09)	-1.26	(0.16)	-1.35	(0.12)	-1.08	(0.12)
	United Arab Emirates	<b>-0.11</b>	(0.08)	0.12	(0.06)	0.23	(0.05)	<b>0.30</b>	(0.06)	<b>-0.17</b>	(0.11)	-0.01	(0.08)	<b>0.52</b>	(0.09)
	Uruguay	<b>-0.76</b>	(0.13)	-0.54	(0.11)	-0.43	(0.09)	<b>0.12</b>	(0.09)	<b>-0.88</b>	(0.17)	-0.39	(0.13)	<b>0.43</b>	(0.13)
	Viet Nam	<b>-0.61</b>	(0.11)	-0.45	(0.10)	-0.34	(0.11)	<b>-0.21</b>	(0.12)	<b>-0.69</b>	(0.13)	-0.22	(0.12)	<b>-0.22</b>	(0.20)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 2/2]

## Index of quality of physical infrastructure, by school features

Table IV.3.15 Results based on school principals' reports


	Index of quality of physical infrastructure													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a city or a large town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
<b>OECD</b>														
Australia	<b>-0.08</b>	(0.05)	<b>0.53</b>	(0.05)	<b>0.14</b>	(0.04)	<b>0.29</b>	(0.06)	-0.21	(0.14)	-0.01	(0.07)	<b>0.28</b>	(0.04)
Austria	-0.16	(0.10)	-0.13	(0.25)	-0.07	(0.15)	-0.16	(0.09)	0.30	(0.25)	-0.01	(0.12)	<b>-0.54</b>	(0.16)
Belgium	-0.09	(0.12)	-0.21	(0.08)	<b>-0.35</b>	(0.10)	<b>-0.12</b>	(0.07)	0.25	(0.41)	-0.13	(0.07)	-0.27	(0.13)
Canada	0.30	(0.04)	0.45	(0.11)	0.37	(0.05)	0.31	(0.05)	0.52	(0.12)	0.35	(0.07)	0.26	(0.06)
Chile	<b>-0.65</b>	(0.12)	<b>0.27</b>	(0.09)	-0.47	(0.19)	-0.10	(0.08)	0.00	(0.39)	<b>-0.33</b>	(0.12)	<b>0.05</b>	(0.10)
Czech Republic	0.45	(0.06)	0.41	(0.19)	0.40	(0.08)	0.51	(0.07)	0.43	(0.27)	0.39	(0.07)	0.59	(0.09)
Denmark	-0.23	(0.05)	0.03	(0.13)	-0.17	(0.05)	c	c	0.05	(0.11)	-0.16	(0.07)	<b>-0.51</b>	(0.14)
Estonia	<b>0.06</b>	(0.06)	<b>1.10</b>	(0.16)	0.09	(0.06)	0.23	(0.21)	<b>0.46</b>	(0.13)	-0.07	(0.08)	0.05	(0.10)
Finland	<b>-0.34</b>	(0.07)	<b>0.33</b>	(0.23)	-0.32	(0.07)	c	c	-0.03	(0.21)	-0.37	(0.09)	-0.26	(0.08)
France	0.20	(0.07)	0.16	(0.19)	0.37	(0.10)	0.12	(0.09)	0.41	(0.28)	0.19	(0.08)	0.14	(0.13)
Germany	-0.05	(0.06)	0.28	(0.23)	-0.03	(0.06)	-0.04	(0.28)	c	c	0.09	(0.07)	<b>-0.31</b>	(0.11)
Greece	-0.23	(0.08)	c	c	-0.08	(0.26)	-0.19	(0.08)	-0.18	(0.35)	-0.37	(0.10)	<b>0.19</b>	(0.13)
Hungary	0.20	(0.07)	0.24	(0.20)	0.13	(0.15)	0.22	(0.07)	0.64	(0.30)	0.18	(0.10)	0.21	(0.10)
Iceland	0.35	(0.00)	c	c	0.34	(0.00)	c	c	<b>0.11</b>	(0.02)	0.39	(0.01)	<b>0.41</b>	(0.01)
Ireland	-0.04	(0.16)	-0.05	(0.12)	-0.04	(0.09)	-0.02	(0.10)	0.12	(0.21)	-0.28	(0.13)	<b>0.28</b>	(0.21)
Israel	-0.54	(0.09)	c	c	-0.50	(0.14)	-0.54	(0.10)	-0.57	(0.13)	-0.60	(0.15)	-0.45	(0.17)
Italy	<b>-0.38</b>	(0.04)	<b>0.52</b>	(0.14)	<b>-0.69</b>	(0.13)	<b>-0.32</b>	(0.04)	0.01	(0.32)	-0.36	(0.05)	<b>-0.30</b>	(0.08)
Japan	<b>-0.30</b>	(0.08)	<b>0.26</b>	(0.11)	c	c	<b>-0.13</b>	(0.07)	c	c	-0.33	(0.12)	-0.06	(0.08)
Korea	-0.21	(0.09)	-0.13	(0.12)	-0.18	(0.23)	-0.18	(0.08)	c	c	-0.11	(0.17)	-0.19	(0.09)
Luxembourg	<b>-0.53</b>	(0.00)	<b>-0.28</b>	(0.00)	<b>-0.47</b>	(0.00)	<b>-0.53</b>	(0.00)	c	c	-0.49	(0.00)	c	c
Mexico	<b>-0.54</b>	(0.04)	<b>0.59</b>	(0.09)	<b>-0.65</b>	(0.06)	<b>-0.26</b>	(0.05)	<b>-0.91</b>	(0.07)	-0.50	(0.06)	<b>-0.12</b>	(0.06)
Netherlands	-0.15	(0.15)	-0.33	(0.11)	-0.31	(0.08)	-0.22	(0.13)	c	c	-0.23	(0.09)	-0.44	(0.15)
New Zealand	<b>-0.04</b>	(0.09)	<b>1.09</b>	(0.12)	0.03	(0.10)	0.03	(0.09)	0.47	(0.17)	0.16	(0.16)	-0.10	(0.11)
Norway	-0.32	(0.08)	c	c	-0.31	(0.08)	c	c	<b>-0.65</b>	(0.16)	-0.23	(0.11)	-0.27	(0.19)
Poland	0.50	(0.07)	0.44	(0.17)	0.50	(0.07)	c	c	0.57	(0.10)	0.45	(0.11)	0.48	(0.16)
Portugal	<b>-0.35</b>	(0.10)	<b>0.47</b>	(0.14)	<b>-0.48</b>	(0.09)	<b>-0.09</b>	(0.11)	-0.19	(0.20)	-0.35	(0.11)	-0.02	(0.15)
Slovak Republic	-0.11	(0.07)	-0.39	(0.20)	<b>0.06</b>	(0.09)	<b>-0.29</b>	(0.10)	-0.06	(0.15)	-0.07	(0.08)	<b>-0.55</b>	(0.20)
Slovenia	<b>0.04</b>	(0.01)	<b>0.46</b>	(0.03)	-0.13	(0.22)	0.06	(0.01)	<b>-0.72</b>	(0.34)	0.17	(0.01)	<b>-0.10</b>	(0.03)
Spain	<b>-0.25</b>	(0.07)	<b>0.54</b>	(0.07)	0.01	(0.05)	c	c	-0.05	(0.12)	-0.06	(0.08)	0.14	(0.08)
Sweden	0.16	(0.08)	0.52	(0.18)	0.20	(0.08)	0.61	(0.24)	0.29	(0.16)	0.18	(0.09)	0.23	(0.19)
Switzerland	0.28	(0.06)	0.56	(0.17)	<b>0.36</b>	(0.06)	<b>0.06</b>	(0.12)	<b>0.65</b>	(0.15)	0.30	(0.06)	0.10	(0.13)
Turkey	-0.26	(0.07)	c	c	-0.66	(0.33)	-0.24	(0.07)	0.09	(0.42)	-0.21	(0.10)	-0.30	(0.10)
United Kingdom	-0.04	(0.08)	0.13	(0.12)	c	c	0.04	(0.07)	-0.34	(0.22)	0.03	(0.10)	0.17	(0.12)
United States	0.46	(0.07)	0.55	(0.24)	0.43	(0.12)	0.46	(0.06)	0.43	(0.25)	0.60	(0.09)	<b>0.27</b>	(0.10)
OECD average	<b>-0.09</b>	(0.01)	<b>0.29</b>	(0.03)	<b>-0.08</b>	(0.02)	<b>-0.02</b>	(0.02)	<b>0.07</b>	(0.04)	-0.05	(0.02)	-0.03	(0.02)
<b>Partners</b>														
Albania	<b>-0.57</b>	(0.07)	<b>1.02</b>	(0.24)	-0.51	(0.09)	-0.35	(0.10)	-0.39	(0.12)	-0.65	(0.12)	<b>-0.15</b>	(0.14)
Argentina	<b>-0.74</b>	(0.13)	<b>0.30</b>	(0.14)	<b>-0.70</b>	(0.14)	<b>-0.19</b>	(0.11)	<b>-1.06</b>	(0.25)	-0.36	(0.14)	-0.24	(0.14)
Brazil	<b>-0.60</b>	(0.05)	<b>0.76</b>	(0.12)	<b>-0.55</b>	(0.08)	<b>-0.30</b>	(0.06)	-0.46	(0.23)	-0.64	(0.08)	<b>-0.06</b>	(0.08)
Bulgaria	0.19	(0.06)	c	c	0.21	(0.15)	0.19	(0.06)	0.29	(0.34)	0.20	(0.06)	0.17	(0.11)
Colombia	<b>-0.95</b>	(0.10)	<b>0.20</b>	(0.31)	-0.87	(0.10)	-0.71	(0.09)	-1.38	(0.19)	-0.98	(0.19)	<b>-0.52</b>	(0.10)
Costa Rica	<b>-0.93</b>	(0.07)	<b>0.61</b>	(0.18)	<b>-0.81</b>	(0.07)	<b>-0.56</b>	(0.09)	-0.89	(0.20)	-0.67	(0.08)	-0.62	(0.22)
Croatia	-0.56	(0.07)	c	c	c	c	-0.57	(0.07)	c	c	-0.47	(0.07)	<b>-0.76</b>	(0.13)
Cyprus*	<b>-0.09</b>	(0.00)	<b>0.37</b>	(0.00)	<b>-0.47</b>	(0.03)	<b>0.00</b>	(0.00)	<b>0.14</b>	(0.01)	-0.07	(0.00)	<b>0.05</b>	(0.00)
Hong Kong-China	0.31	(0.29)	-0.05	(0.07)	-0.04	(0.07)	-0.02	(0.07)	c	c	c	c	-0.02	(0.07)
Indonesia	<b>-0.65</b>	(0.11)	<b>-0.33</b>	(0.11)	-0.62	(0.11)	-0.43	(0.12)	-0.74	(0.17)	-0.65	(0.10)	<b>0.11</b>	(0.10)
Jordan	<b>-0.69</b>	(0.10)	<b>0.08</b>	(0.22)	-0.56	(0.09)	c	c	-0.81	(0.22)	-0.69	(0.14)	-0.35	(0.12)
Kazakhstan	-0.23	(0.09)	0.56	(0.45)	-0.18	(0.10)	-0.27	(0.12)	-0.28	(0.15)	-0.31	(0.20)	-0.10	(0.17)
Latvia	0.37	(0.06)	c	c	0.38	(0.06)	0.38	(0.18)	0.55	(0.09)	0.31	(0.09)	0.33	(0.12)
Liechtenstein	0.04	(0.01)	c	c	<b>0.19</b>	(0.02)	<b>-0.46</b>	(0.00)	c	c	0.11	(0.02)	c	c
Lithuania	-0.01	(0.06)	c	c	-0.01	(0.06)	c	c	0.11	(0.11)	0.07	(0.09)	-0.15	(0.10)
Macao-China	c	c	-0.11	(0.00)	<b>-0.23</b>	(0.00)	<b>0.04</b>	(0.00)	c	c	c	c	-0.11	(0.00)
Malaysia	0.07	(0.08)	0.33	(0.49)	-0.03	(0.23)	0.08	(0.07)	0.05	(0.26)	0.09	(0.11)	0.06	(0.14)
Montenegro	-0.07	(0.00)	c	c	c	c	-0.07	(0.00)	c	c	-0.15	(0.00)	<b>0.13</b>	(0.00)
Peru	<b>-0.69</b>	(0.09)	<b>0.32</b>	(0.16)	<b>-0.69</b>	(0.10)	<b>-0.37</b>	(0.08)	<b>-1.08</b>	(0.14)	-0.53	(0.12)	<b>-0.12</b>	(0.12)
Qatar	<b>0.60</b>	(0.00)	<b>0.24</b>	(0.00)	<b>0.54</b>	(0.01)	<b>0.44</b>	(0.00)	<b>0.84</b>	(0.00)	0.46	(0.00)	<b>0.39</b>	(0.00)
Romania	0.18	(0.05)	c	c	0.18	(0.05)	c	c	0.22	(0.18)	0.09	(0.06)	0.31	(0.09)
Russian Federation	0.17	(0.07)	c	c	0.19	(0.07)	0.03	(0.11)	0.22	(0.12)	0.20	(0.13)	0.11	(0.09)
Serbia	-0.35	(0.09)	c	c	c	c	-0.34	(0.09)	c	c	-0.32	(0.12)	-0.40	(0.12)
Shanghai-China	-0.18	(0.10)	-0.28	(0.41)	-0.33	(0.11)	-0.07	(0.13)	c	c	c	c	-0.19	(0.09)
Singapore	0.39	(0.00)	c	c	0.44	(0.05)	0.40	(0.01)	c	c	c	c	0.40	(0.01)
Chinese Taipei	-0.03	(0.11)	0.24	(0.13)	<b>-0.16</b>	(0.14)	<b>0.17</b>	(0.10)	c	c	0.00	(0.13)	0.06	(0.11)
Thailand	<b>-1.03</b>	(0.08)	<b>-0.10</b>	(0.22)	-0.97	(0.09)	-0.85	(0.09)	-0.90	(0.11)	-0.99	(0.12)	-0.67	(0.16)
Tunisia	-1.26	(0.08)	c	c	-1.26	(0.13)	-1.25	(0.10)	-1.43	(0.26)	-1.28	(0.10)	-1.12	(0.14)
United Arab Emirates	<b>-0.30</b>	(0.10)	<b>0.47</b>	(0.07)	0.07	(0.12)	0.15	(0.05)	0.01	(0.14)	-0.03	(0.12)	0.24	(0.07)
Uruguay	<b>-0.60</b>	(0.10)	<b>0.57</b>	(0.13)	<b>-0.73</b>	(0.12)	<b>-0.18</b>	(0.10)	-1.13	(0.34)	-0.57	(0.14)	<b>-0.02</b>	(0.12)
Viet Nam	-0.45	(0.09)	0.19	(0.34)	<b>-1.04</b>	(0.28)	<b>-0.33</b>	(0.09)	-0.61	(0.14)	-0.37	(0.14)	-0.07	(0.17)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Index of quality of schools' educational resources and mathematics performance**  
 Results based on school principals' reports

Table IV.3.16

	Index of quality of schools' educational resources										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.68	(0.03)	-0.53	(0.04)	0.22	(0.04)	1.05	(0.08)	1.98	(0.01)	0.97	(0.02)
Austria	0.22	(0.09)	-1.21	(0.14)	-0.20	(0.08)	0.56	(0.14)	1.74	(0.11)	1.16	(0.07)
Belgium	0.30	(0.06)	-0.87	(0.08)	-0.09	(0.06)	0.55	(0.08)	1.62	(0.10)	0.98	(0.04)
Canada	0.27	(0.04)	-0.85	(0.07)	-0.14	(0.04)	0.45	(0.04)	1.62	(0.09)	0.97	(0.03)
Chile	-0.38	(0.07)	-1.60	(0.14)	-0.61	(0.07)	-0.12	(0.07)	0.82	(0.12)	1.00	(0.07)
Czech Republic	0.05	(0.06)	-0.83	(0.07)	-0.25	(0.04)	0.15	(0.07)	1.13	(0.13)	0.80	(0.05)
Denmark	-0.15	(0.05)	-1.05	(0.09)	-0.38	(0.06)	0.02	(0.05)	0.83	(0.11)	0.78	(0.05)
Estonia	-0.17	(0.04)	-1.00	(0.05)	-0.44	(0.05)	-0.05	(0.04)	0.80	(0.07)	0.74	(0.03)
Finland	-0.20	(0.06)	-1.13	(0.07)	-0.51	(0.05)	-0.05	(0.07)	0.88	(0.11)	0.82	(0.05)
France	0.38	(0.07)	-0.75	(0.08)	-0.03	(0.06)	0.52	(0.10)	1.80	(0.09)	0.98	(0.04)
Germany	0.09	(0.07)	-0.92	(0.07)	-0.25	(0.06)	0.22	(0.09)	1.31	(0.12)	0.89	(0.05)
Greece	-0.35	(0.07)	-1.45	(0.16)	-0.61	(0.05)	-0.17	(0.05)	0.83	(0.12)	0.96	(0.07)
Hungary	0.17	(0.06)	-0.90	(0.09)	-0.05	(0.08)	0.40	(0.07)	1.25	(0.10)	0.84	(0.05)
Iceland	-0.34	(0.00)	-1.33	(0.01)	-0.62	(0.00)	-0.21	(0.01)	0.79	(0.01)	0.85	(0.00)
Ireland	0.11	(0.08)	-1.04	(0.09)	-0.26	(0.07)	0.28	(0.09)	1.46	(0.15)	0.97	(0.05)
Israel	-0.35	(0.09)	-1.61	(0.10)	-0.80	(0.08)	-0.12	(0.13)	1.14	(0.14)	1.10	(0.06)
Italy	0.05	(0.04)	-0.95	(0.05)	-0.30	(0.03)	0.19	(0.04)	1.25	(0.08)	0.89	(0.03)
Japan	0.44	(0.08)	-0.81	(0.10)	0.03	(0.07)	0.66	(0.12)	1.87	(0.10)	1.02	(0.04)
Korea	0.06	(0.08)	-1.00	(0.13)	-0.25	(0.06)	0.22	(0.09)	1.28	(0.15)	0.92	(0.07)
Luxembourg	0.04	(0.00)	-0.76	(0.00)	-0.31	(0.00)	0.05	(0.00)	1.17	(0.00)	0.78	(0.00)
Mexico	-0.86	(0.04)	-2.26	(0.05)	-1.23	(0.06)	-0.52	(0.05)	0.57	(0.07)	1.14	(0.03)
Netherlands	0.19	(0.08)	-0.92	(0.08)	-0.22	(0.07)	0.37	(0.10)	1.51	(0.15)	0.95	(0.05)
New Zealand	0.20	(0.08)	-0.85	(0.09)	-0.28	(0.08)	0.29	(0.10)	1.63	(0.13)	0.98	(0.05)
Norway	-0.19	(0.06)	-1.04	(0.06)	-0.57	(0.05)	-0.08	(0.07)	0.93	(0.14)	0.82	(0.05)
Poland	0.36	(0.08)	-0.68	(0.07)	-0.03	(0.08)	0.53	(0.08)	1.62	(0.15)	0.90	(0.05)
Portugal	0.17	(0.08)	-0.91	(0.11)	-0.15	(0.07)	0.38	(0.11)	1.36	(0.14)	0.91	(0.06)
Slovak Republic	-0.54	(0.05)	-1.36	(0.06)	-0.75	(0.06)	-0.37	(0.05)	0.30	(0.09)	0.69	(0.04)
Slovenia	0.43	(0.01)	-0.50	(0.01)	0.05	(0.01)	0.52	(0.01)	1.65	(0.03)	0.84	(0.01)
Spain	0.02	(0.05)	-0.98	(0.06)	-0.31	(0.04)	0.18	(0.05)	1.17	(0.09)	0.86	(0.03)
Sweden	0.05	(0.06)	-0.92	(0.10)	-0.22	(0.06)	0.25	(0.06)	1.09	(0.11)	0.83	(0.06)
Switzerland	0.55	(0.07)	-0.57	(0.06)	0.11	(0.08)	0.88	(0.11)	1.78	(0.09)	0.93	(0.03)
Turkey	-0.40	(0.06)	-1.52	(0.10)	-0.64	(0.08)	-0.17	(0.06)	0.73	(0.12)	0.92	(0.06)
United Kingdom	0.51	(0.08)	-0.74	(0.08)	0.01	(0.05)	0.81	(0.21)	1.98	(0.01)	1.06	(0.03)
United States	0.38	(0.08)	-0.89	(0.10)	-0.13	(0.08)	0.63	(0.15)	1.92	(0.09)	1.07	(0.05)
OECD average	0.05	(0.01)	-1.02	(0.01)	-0.30	(0.01)	0.25	(0.02)	1.29	(0.02)	0.92	(0.01)
<b>Partners</b>												
Albania	-0.41	(0.06)	-1.37	(0.08)	-0.69	(0.06)	-0.27	(0.05)	0.68	(0.13)	0.83	(0.05)
Argentina	-0.54	(0.09)	-1.87	(0.13)	-0.80	(0.09)	-0.26	(0.07)	0.77	(0.15)	1.07	(0.06)
Brazil	-0.54	(0.05)	-1.76	(0.06)	-0.92	(0.05)	-0.33	(0.06)	0.86	(0.10)	1.05	(0.04)
Bulgaria	-0.04	(0.07)	-1.05	(0.07)	-0.38	(0.08)	0.15	(0.08)	1.14	(0.11)	0.88	(0.04)
Colombia	-1.38	(0.07)	-2.84	(0.11)	-1.68	(0.14)	-1.05	(0.07)	0.06	(0.09)	1.17	(0.06)
Costa Rica	-1.08	(0.08)	-2.58	(0.12)	-1.48	(0.10)	-0.77	(0.09)	0.52	(0.12)	1.24	(0.06)
Croatia	-0.50	(0.05)	-1.32	(0.09)	-0.68	(0.06)	-0.33	(0.06)	0.33	(0.07)	0.66	(0.04)
Cyprus*	0.25	(0.00)	-0.85	(0.00)	-0.28	(0.00)	0.47	(0.01)	1.67	(0.00)	1.00	(0.00)
Hong Kong-China	0.44	(0.07)	-0.62	(0.08)	0.01	(0.07)	0.61	(0.09)	1.78	(0.13)	0.93	(0.04)
Indonesia	-0.76	(0.10)	-2.13	(0.16)	-1.09	(0.12)	-0.48	(0.10)	0.67	(0.16)	1.12	(0.08)
Jordan	-0.45	(0.08)	-1.68	(0.12)	-0.73	(0.07)	-0.23	(0.10)	0.85	(0.13)	1.02	(0.06)
Kazakhstan	-0.68	(0.07)	-1.80	(0.11)	-0.98	(0.08)	-0.48	(0.07)	0.54	(0.12)	0.96	(0.06)
Latvia	0.04	(0.05)	-0.83	(0.07)	-0.20	(0.06)	0.20	(0.06)	0.98	(0.12)	0.73	(0.05)
Liechtenstein	0.77	(0.01)	c	c	c	c	c	c	c	c	0.51	(0.01)
Lithuania	0.15	(0.05)	-0.62	(0.05)	-0.13	(0.05)	0.27	(0.06)	1.07	(0.10)	0.69	(0.04)
Macao-China	0.36	(0.00)	-0.86	(0.00)	-0.15	(0.00)	0.75	(0.00)	1.70	(0.00)	1.02	(0.00)
Malaysia	-0.21	(0.07)	-1.26	(0.07)	-0.53	(0.09)	-0.02	(0.06)	0.97	(0.14)	0.90	(0.05)
Montenegro	-0.48	(0.00)	-1.23	(0.00)	-0.77	(0.00)	-0.37	(0.00)	0.43	(0.00)	0.65	(0.00)
Peru	-1.16	(0.08)	-2.73	(0.10)	-1.53	(0.08)	-0.74	(0.10)	0.38	(0.14)	1.24	(0.06)
Qatar	0.78	(0.00)	-0.40	(0.00)	0.28	(0.00)	1.25	(0.00)	1.98	(0.00)	0.98	(0.00)
Romania	0.22	(0.06)	-0.71	(0.07)	-0.11	(0.06)	0.38	(0.06)	1.33	(0.14)	0.82	(0.05)
Russian Federation	-0.48	(0.07)	-1.56	(0.09)	-0.76	(0.05)	-0.28	(0.07)	0.67	(0.13)	0.91	(0.05)
Serbia	-0.56	(0.07)	-1.61	(0.10)	-0.79	(0.06)	-0.31	(0.08)	0.47	(0.13)	0.86	(0.06)
Shanghai-China	0.13	(0.09)	-1.46	(0.16)	-0.27	(0.11)	0.55	(0.12)	1.68	(0.11)	1.24	(0.08)
Singapore	1.19	(0.01)	-0.06	(0.01)	0.94	(0.02)	1.93	(0.01)	1.98	(0.00)	0.87	(0.00)
Chinese Taipei	0.58	(0.09)	-0.96	(0.18)	0.13	(0.11)	1.16	(0.18)	1.98	(0.00)	1.20	(0.09)
Thailand	-0.68	(0.07)	-2.00	(0.13)	-1.00	(0.07)	-0.37	(0.08)	0.66	(0.12)	1.07	(0.06)
Tunisia	-1.34	(0.08)	-2.42	(0.12)	-1.58	(0.09)	-1.17	(0.07)	-0.20	(0.17)	0.93	(0.08)
United Arab Emirates	0.37	(0.05)	-1.14	(0.05)	-0.22	(0.07)	0.85	(0.10)	1.98	(0.03)	1.21	(0.03)
Uruguay	0.12	(0.08)	-1.15	(0.14)	-0.23	(0.08)	0.46	(0.08)	1.39	(0.11)	1.03	(0.07)
Viet Nam	-0.48	(0.07)	-1.72	(0.13)	-0.78	(0.07)	-0.16	(0.11)	0.73	(0.11)	0.99	(0.07)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of quality of schools' educational resources and mathematics performance

Table IV.3.16 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)			
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.							
<b>OECD</b>	<b>483</b>	(3.6)	496	(4.7)	514	(4.3)	<b>525</b>	(4.3)	<b>16.8</b>	(2.05)	<b>1.5</b>	(0.09)	2.9	(0.69)	
Austria	500	(10.8)	496	(9.0)	505	(8.3)	524	(9.1)	<b>8.4</b>	(4.15)	1.3	(0.23)	1.1	(1.11)	
Belgium	<b>494</b>	(8.6)	516	(6.8)	522	(7.9)	<b>528</b>	(9.8)	<b>11.5</b>	(5.36)	<b>1.4</b>	(0.19)	1.2	(1.18)	
Canada	510	(4.2)	520	(3.9)	523	(4.2)	519	(4.0)	3.7	(2.19)	1.1	(0.08)	0.2	(0.21)	
Chile	<b>400</b>	(6.2)	416	(6.0)	438	(8.2)	<b>436</b>	(7.3)	<b>16.2</b>	(2.72)	<b>1.5</b>	(0.18)	4.0	(1.31)	
Czech Republic	503	(10.5)	488	(9.0)	496	(9.4)	507	(9.3)	3.3	(6.13)	1.0	(0.15)	0.1	(0.35)	
Denmark	<b>494</b>	(5.3)	499	(5.3)	498	(5.0)	<b>512</b>	(4.7)	<b>7.1</b>	(3.32)	1.2	(0.12)	0.5	(0.41)	
Estonia	523	(4.5)	515	(4.6)	521	(5.4)	522	(4.4)	1.4	(2.67)	0.9	(0.09)	0.0	(0.08)	
Finland	521	(3.6)	510	(5.5)	523	(5.0)	520	(3.7)	0.5	(1.80)	0.9	(0.07)	0.0	(0.03)	
France	492	(9.0)	491	(9.8)	493	(10.6)	510	(9.6)	<b>9.2</b>	(4.51)	1.0	(0.19)	0.8	(0.90)	
Germany	506	(8.3)	511	(9.8)	514	(8.1)	525	(8.6)	6.0	(4.72)	1.1	(0.15)	0.3	(0.50)	
Greece	445	(8.6)	454	(7.1)	455	(5.4)	457	(5.2)	6.5	(3.97)	1.2	(0.18)	0.5	(0.60)	
Hungary	475	(9.2)	469	(10.1)	484	(10.7)	482	(10.3)	5.5	(7.52)	1.0	(0.18)	0.2	(0.56)	
Iceland	496	(3.3)	491	(4.0)	492	(3.3)	494	(3.1)	0.9	(2.11)	0.9	(0.08)	0.0	(0.05)	
Ireland	498	(5.6)	489	(7.8)	512	(6.2)	511	(6.3)	5.3	(3.38)	1.0	(0.13)	0.4	(0.48)	
Israel	465	(7.7)	465	(12.4)	454	(14.2)	481	(13.4)	6.2	(4.89)	0.9	(0.16)	0.4	(0.69)	
Italy	<b>472</b>	(4.7)	488	(5.2)	491	(4.5)	<b>498</b>	(4.7)	<b>9.6</b>	(2.87)	<b>1.3</b>	(0.11)	0.8	(0.49)	
Japan	539	(11.3)	538	(10.1)	522	(9.0)	547	(9.4)	2.5	(6.20)	1.1	(0.22)	0.1	(0.46)	
Korea	553	(12.7)	552	(11.0)	563	(10.5)	547	(10.8)	-2.3	(6.13)	1.1	(0.19)	0.0	(0.33)	
Luxembourg	<b>478</b>	(2.1)	469	(2.6)	505	(2.5)	<b>507</b>	(2.2)	<b>18.5</b>	(1.31)	<b>1.2</b>	(0.06)	2.3	(0.32)	
Mexico	<b>389</b>	(3.0)	408	(2.9)	420	(2.8)	<b>436</b>	(3.7)	<b>16.6</b>	(1.50)	<b>1.7</b>	(0.11)	6.5	(1.24)	
Netherlands	520	(10.1)	505	(12.0)	531	(18.0)	522	(14.9)	3.3	(6.73)	0.9	(0.21)	0.1	(0.58)	
New Zealand	<b>486</b>	(7.2)	499	(6.6)	497	(7.8)	<b>526</b>	(9.1)	<b>13.8</b>	(4.51)	1.3	(0.18)	1.8	(1.17)	
Norway	492	(5.6)	488	(6.1)	486	(6.0)	495	(5.5)	1.8	(3.85)	1.0	(0.10)	0.0	(0.16)	
Poland	510	(6.0)	520	(7.7)	521	(6.6)	518	(7.0)	4.3	(3.82)	1.1	(0.12)	0.2	(0.37)	
Portugal	<b>470</b>	(9.8)	484	(8.7)	488	(8.8)	<b>504</b>	(6.8)	<b>15.0</b>	(3.71)	1.3	(0.18)	2.1	(1.08)	
Slovak Republic	480	(9.3)	494	(9.7)	472	(11.6)	480	(9.5)	0.0	(7.72)	1.0	(0.18)	0.0	(0.24)	
Slovenia	<b>483</b>	(3.1)	509	(3.2)	513	(3.1)	<b>510</b>	(3.5)	<b>7.2</b>	(1.57)	<b>1.4</b>	(0.11)	0.4	(0.19)	
Spain	<b>478</b>	(4.2)	481	(4.6)	484	(5.6)	<b>495</b>	(3.5)	<b>6.5</b>	(2.35)	1.1	(0.11)	0.4	(0.28)	
Sweden	474	(5.3)	482	(5.7)	475	(5.2)	482	(4.8)	3.5	(3.25)	1.0	(0.10)	0.1	(0.18)	
Switzerland	<b>514</b>	(5.5)	527	(7.6)	536	(8.8)	<b>551</b>	(6.5)	<b>14.3</b>	(3.25)	<b>1.3</b>	(0.13)	2.0	(0.87)	
Turkey	<b>424</b>	(10.7)	438	(8.3)	448	(11.8)	<b>482</b>	(14.2)	<b>24.2</b>	(6.84)	<b>1.5</b>	(0.21)	5.9	(3.20)	
United Kingdom	491	(6.8)	500	(6.1)	488	(7.2)	502	(11.6)	3.2	(5.51)	1.0	(0.14)	0.1	(0.48)	
United States	<b>470</b>	(7.1)	474	(10.4)	490	(10.3)	<b>496</b>	(6.6)	<b>9.6</b>	(3.17)	1.3	(0.18)	1.3	(0.86)	
OECD average	<b>486</b>	(1.3)	491	(1.3)	496	(1.4)	<b>504</b>	(1.4)	<b>7.7</b>	(0.75)	<b>1.2</b>	(0.03)	1.1	(0.15)	
<b>Partners</b>	Albania	<b>389</b>	(4.0)	389	(5.2)	395	(4.0)	<b>404</b>	(3.7)	4.5	(2.52)	1.0	(0.10)	0.2	(0.18)
Argentina	<b>366</b>	(9.0)	393	(6.5)	385	(7.0)	<b>409</b>	(7.2)	<b>15.4</b>	(3.57)	<b>1.6</b>	(0.24)	4.6	(2.02)	
Brazil	<b>372</b>	(3.3)	381	(3.4)	386	(4.5)	<b>425</b>	(6.0)	<b>20.7</b>	(2.32)	<b>1.3</b>	(0.08)	7.7	(1.63)	
Bulgaria	<b>409</b>	(10.2)	436	(9.1)	455	(10.2)	<b>455</b>	(10.8)	<b>20.8</b>	(6.53)	<b>1.6</b>	(0.23)	3.8	(2.31)	
Colombia	<b>356</b>	(5.5)	370	(6.2)	381	(6.8)	<b>398</b>	(7.4)	<b>13.4</b>	(3.04)	<b>1.5</b>	(0.19)	4.4	(1.96)	
Costa Rica	<b>386</b>	(7.9)	393	(5.6)	412	(8.0)	<b>436</b>	(8.2)	<b>17.9</b>	(3.03)	<b>1.6</b>	(0.24)	10.4	(3.24)	
Croatia	472	(7.8)	465	(9.9)	458	(8.7)	488	(10.5)	4.3	(6.58)	1.0	(0.17)	0.1	(0.34)	
Cyprus*	<b>428</b>	(2.7)	449	(2.7)	422	(2.5)	<b>457</b>	(2.2)	<b>7.7</b>	(1.09)	<b>1.2</b>	(0.07)	0.7	(0.19)	
Hong Kong-China	570	(9.2)	556	(13.0)	556	(10.8)	563	(9.3)	1.0	(5.55)	0.9	(0.16)	0.0	(0.27)	
Indonesia	<b>351</b>	(6.0)	365	(11.7)	384	(8.0)	<b>399</b>	(11.0)	<b>20.5</b>	(4.19)	<b>1.5</b>	(0.22)	10.4	(4.12)	
Jordan	385	(5.8)	378	(6.8)	379	(5.7)	400	(8.4)	9.0	(4.66)	1.0	(0.13)	1.4	(1.41)	
Kazakhstan	439	(6.5)	428	(8.0)	424	(7.0)	438	(6.6)	4.5	(3.66)	0.8	(0.12)	0.4	(0.57)	
Latvia	489	(6.8)	481	(6.6)	501	(4.8)	490	(7.4)	4.7	(4.52)	1.0	(0.14)	0.2	(0.35)	
Liechtenstein	c	c	c	c	c	c	c	c	<b>-75.4</b>	(8.19)	<b>0.1</b>	(0.04)	16.5	(3.27)	
Lithuania	<b>462</b>	(5.6)	483	(5.7)	486	(6.1)	<b>485</b>	(6.6)	<b>13.2</b>	(4.93)	<b>1.3</b>	(0.14)	1.1	(0.82)	
Macao-China	<b>538</b>	(2.3)	529	(2.5)	528	(2.2)	<b>558</b>	(2.3)	<b>9.3</b>	(0.97)	1.1	(0.05)	1.0	(0.21)	
Malaysia	<b>409</b>	(6.7)	414	(5.2)	421	(6.8)	<b>438</b>	(9.1)	<b>14.9</b>	(4.79)	1.2	(0.16)	2.7	(1.79)	
Montenegro	<b>397</b>	(1.7)	442	(2.4)	395	(2.5)	<b>404</b>	(2.2)	<b>-5.3</b>	(1.48)	<b>1.2</b>	(0.07)	0.2	(0.10)	
Peru	<b>332</b>	(6.3)	348	(5.8)	378	(7.6)	<b>414</b>	(10.6)	<b>24.2</b>	(3.57)	<b>2.0</b>	(0.21)	12.6	(3.07)	
Qatar	<b>380</b>	(1.5)	388	(1.6)	369	(2.2)	<b>369</b>	(1.9)	<b>-6.1</b>	(0.82)	<b>0.9</b>	(0.05)	0.4	(0.09)	
Romania	<b>437</b>	(7.9)	435	(9.0)	442	(10.1)	<b>464</b>	(9.3)	<b>16.8</b>	(4.32)	1.1	(0.19)	2.9	(1.53)	
Russian Federation	<b>471</b>	(4.6)	477	(5.8)	487	(5.6)	<b>494</b>	(9.1)	6.8	(3.93)	1.2	(0.11)	0.5	(0.59)	
Serbia	447	(9.4)	449	(10.3)	452	(9.7)	447	(13.2)	-1.6	(6.44)	1.0	(0.17)	0.0	(0.32)	
Shanghai-China	598	(9.8)	609	(10.0)	618	(11.2)	626	(9.7)	<b>8.6</b>	(4.29)	1.2	(0.20)	1.1	(1.09)	
Singapore	<b>565</b>	(2.3)	563	(3.5)	585	(3.2)	<b>585</b>	(3.0)	<b>6.3</b>	(1.45)	1.0	(0.06)	0.3	(0.13)	
Chinese Taipei	<b>545</b>	(9.3)	575	(13.7)	542	(10.6)	<b>579</b>	(9.8)	<b>9.7</b>	(4.79)	1.3	(0.16)	1.0	(1.07)	
Thailand	416	(6.7)	422	(6.7)	434	(9.7)	435	(7.2)	<b>8.1</b>	(3.27)	1.1	(0.15)	1.1	(0.88)	
Tunisia	388	(7.1)	382	(8.7)	391	(10.6)	391	(9.9)	0.9	(4.41)	0.9	(0.16)	0.0	(0.27)	
United Arab Emirates	<b>408</b>	(3.9)	421	(4.8)	452	(4.7)	<b>457</b>	(6.7)	<b>16.2</b>	(2.19)	<b>1.5</b>	(0.13)	4.8	(1.23)	
Uruguay	<b>388</b>	(6.4)	399	(6.3)	418	(6.9)	<b>432</b>	(8.7)	<b>13.8</b>	(4.22)	<b>1.4</b>	(0.17)	2.6	(1.45)	
Viet Nam	503	(13.3)	510	(7.9)	522	(10.7)	510	(11.2)	6.1	(5.79)	1.3	(0.27)	0.5	(0.95)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Index of quality of schools' educational resources, by school features**  
 Results based on school principals' reports

Table IV.3.17


		Index of quality of schools' educational resources													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	<b>0.49</b>	(0.05)	0.60	(0.04)	0.73	(0.04)	<b>0.92</b>	(0.05)	<b>0.41</b>	(0.08)	0.59	(0.05)	<b>1.13</b>	(0.07)
	Austria	0.20	(0.10)	0.30	(0.09)	0.25	(0.11)	0.16	(0.13)	0.04	(0.18)	0.45	(0.13)	0.10	(0.19)
	Belgium	0.25	(0.08)	0.28	(0.07)	0.35	(0.08)	0.34	(0.08)	0.13	(0.11)	0.34	(0.10)	0.40	(0.13)
	Canada	<b>0.19</b>	(0.06)	0.25	(0.04)	0.28	(0.04)	<b>0.37</b>	(0.05)	<b>0.02</b>	(0.12)	0.28	(0.06)	<b>0.45</b>	(0.08)
	Chile	<b>-0.64</b>	(0.11)	-0.45	(0.09)	-0.39	(0.08)	<b>-0.03</b>	(0.08)	<b>-0.71</b>	(0.12)	-0.29	(0.18)	<b>-0.02</b>	(0.10)
	Czech Republic	0.05	(0.08)	0.04	(0.07)	0.02	(0.06)	0.09	(0.08)	0.00	(0.14)	0.03	(0.08)	0.14	(0.14)
	Denmark	-0.21	(0.07)	-0.14	(0.06)	-0.12	(0.06)	-0.08	(0.06)	-0.36	(0.14)	-0.08	(0.07)	-0.15	(0.11)
	Estonia	-0.20	(0.05)	-0.18	(0.05)	-0.17	(0.04)	-0.13	(0.04)	-0.28	(0.09)	-0.14	(0.05)	-0.17	(0.05)
	Finland	-0.17	(0.07)	-0.22	(0.06)	-0.21	(0.05)	-0.21	(0.07)	<b>0.01</b>	(0.15)	-0.22	(0.07)	<b>-0.35</b>	(0.09)
	France	0.36	(0.08)	0.35	(0.08)	0.38	(0.07)	0.47	(0.08)	0.31	(0.11)	0.30	(0.11)	0.57	(0.11)
	Germany	0.11	(0.08)	0.06	(0.07)	0.12	(0.08)	0.08	(0.08)	0.12	(0.10)	0.09	(0.11)	0.09	(0.13)
	Greece	<b>-0.45</b>	(0.08)	-0.44	(0.09)	-0.33	(0.08)	<b>-0.17</b>	(0.07)	<b>-0.52</b>	(0.17)	-0.42	(0.10)	<b>-0.06</b>	(0.12)
	Hungary	0.15	(0.09)	0.16	(0.07)	0.17	(0.07)	0.22	(0.09)	0.08	(0.11)	0.25	(0.09)	0.18	(0.12)
	Iceland	-0.35	(0.02)	-0.31	(0.03)	-0.32	(0.03)	-0.37	(0.03)	<b>-0.43</b>	(0.01)	-0.41	(0.00)	<b>-0.16</b>	(0.01)
	Ireland	<b>-0.01</b>	(0.09)	0.11	(0.08)	0.14	(0.08)	<b>0.20</b>	(0.10)	-0.11	(0.17)	0.07	(0.10)	0.35	(0.16)
	Israel	<b>-0.50</b>	(0.11)	-0.38	(0.11)	-0.26	(0.10)	<b>-0.26</b>	(0.10)	<b>-0.64</b>	(0.18)	-0.31	(0.15)	<b>-0.13</b>	(0.12)
	Italy	<b>-0.01</b>	(0.04)	0.03	(0.05)	0.07	(0.05)	<b>0.10</b>	(0.04)	-0.07	(0.07)	0.11	(0.07)	0.08	(0.06)
	Japan	0.36	(0.09)	0.41	(0.08)	0.44	(0.08)	0.53	(0.11)	0.33	(0.13)	0.32	(0.11)	0.72	(0.19)
	Korea	0.06	(0.08)	0.07	(0.08)	0.05	(0.09)	0.06	(0.11)	0.03	(0.11)	0.10	(0.12)	0.02	(0.18)
	Luxembourg	<b>-0.10</b>	(0.02)	-0.01	(0.02)	0.05	(0.02)	<b>0.22</b>	(0.02)	<b>-0.14</b>	(0.00)	0.26	(0.00)	<b>0.17</b>	(0.00)
	Mexico	<b>-1.38</b>	(0.04)	-0.99	(0.05)	-0.76	(0.05)	<b>-0.30</b>	(0.08)	<b>-1.43</b>	(0.06)	-0.91	(0.06)	<b>-0.15</b>	(0.10)
	Netherlands	0.19	(0.09)	0.11	(0.08)	0.23	(0.09)	0.22	(0.10)	0.11	(0.12)	0.21	(0.11)	0.22	(0.18)
	New Zealand	<b>0.06</b>	(0.10)	0.11	(0.08)	0.21	(0.09)	<b>0.43</b>	(0.11)	<b>-0.03</b>	(0.16)	0.03	(0.10)	<b>0.76</b>	(0.17)
	Norway	-0.17	(0.07)	-0.21	(0.07)	-0.22	(0.07)	-0.16	(0.07)	0.09	(0.20)	-0.26	(0.07)	-0.01	(0.17)
	Poland	<b>0.23</b>	(0.09)	0.34	(0.09)	0.39	(0.09)	<b>0.48</b>	(0.09)	<b>0.16</b>	(0.13)	0.36	(0.10)	<b>0.60</b>	(0.15)
	Portugal	<b>0.07</b>	(0.10)	0.13	(0.09)	0.20	(0.09)	<b>0.28</b>	(0.09)	0.17	(0.14)	0.07	(0.12)	0.40	(0.14)
	Slovak Republic	-0.58	(0.05)	-0.53	(0.05)	-0.56	(0.06)	-0.51	(0.07)	-0.58	(0.08)	-0.50	(0.06)	-0.58	(0.10)
	Slovenia	<b>0.38</b>	(0.03)	0.45	(0.02)	0.39	(0.03)	<b>0.50</b>	(0.03)	<b>0.45</b>	(0.02)	0.32	(0.02)	<b>0.54</b>	(0.01)
Spain	-0.03	(0.05)	0.01	(0.05)	0.02	(0.05)	0.07	(0.06)	<b>-0.02</b>	(0.07)	-0.08	(0.07)	<b>0.20</b>	(0.09)	
Sweden	<b>-0.01</b>	(0.06)	0.00	(0.06)	0.05	(0.06)	<b>0.17</b>	(0.07)	<b>-0.15</b>	(0.12)	-0.02	(0.07)	<b>0.37</b>	(0.15)	
Switzerland	<b>0.49</b>	(0.08)	0.52	(0.07)	0.55	(0.08)	<b>0.62</b>	(0.08)	0.46	(0.12)	0.51	(0.11)	0.71	(0.10)	
Turkey	<b>-0.64</b>	(0.06)	-0.44	(0.07)	-0.40	(0.07)	<b>-0.11</b>	(0.11)	<b>-0.81</b>	(0.10)	-0.31	(0.08)	<b>-0.03</b>	(0.17)	
United Kingdom	0.52	(0.09)	0.52	(0.09)	0.42	(0.09)	0.58	(0.10)	0.71	(0.14)	0.37	(0.10)	0.64	(0.19)	
United States	<b>0.20</b>	(0.10)	0.36	(0.09)	0.46	(0.10)	<b>0.51</b>	(0.10)	<b>-0.04</b>	(0.17)	0.42	(0.13)	<b>0.70</b>	(0.15)	
OECD average	<b>-0.03</b>	(0.01)	0.03	(0.01)	0.06	(0.01)	<b>0.16</b>	(0.01)	<b>-0.08</b>	(0.02)	0.05	(0.02)	<b>0.23</b>	(0.02)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>-0.82</b>	(0.09)	-0.65	(0.09)	-0.46	(0.10)	<b>-0.18</b>	(0.13)	<b>-0.85</b>	(0.12)	-0.65	(0.12)	<b>-0.08</b>	(0.17)
	Brazil	<b>-0.80</b>	(0.04)	-0.74	(0.05)	-0.54	(0.06)	<b>-0.06</b>	(0.08)	<b>-0.85</b>	(0.07)	-0.74	(0.07)	<b>0.24</b>	(0.11)
	Bulgaria	<b>-0.21</b>	(0.08)	-0.08	(0.08)	-0.01	(0.07)	<b>0.16</b>	(0.09)	<b>-0.21</b>	(0.10)	-0.18	(0.13)	<b>0.28</b>	(0.11)
	Colombia	<b>-1.70</b>	(0.11)	-1.50	(0.08)	-1.35	(0.08)	<b>-0.97</b>	(0.10)	<b>-1.87</b>	(0.16)	-1.33	(0.10)	<b>-0.96</b>	(0.18)
	Costa Rica	<b>-1.51</b>	(0.12)	-1.21	(0.10)	-1.08	(0.10)	<b>-0.50</b>	(0.13)	<b>-1.54</b>	(0.16)	-1.21	(0.13)	<b>-0.21</b>	(0.17)
	Croatia	-0.49	(0.06)	-0.47	(0.06)	-0.54	(0.06)	-0.50	(0.07)	-0.46	(0.09)	-0.50	(0.08)	-0.57	(0.13)
	Cyprus*	<b>0.10</b>	(0.02)	0.15	(0.03)	0.34	(0.03)	<b>0.42</b>	(0.02)	<b>-0.04</b>	(0.00)	0.27	(0.00)	<b>0.61</b>	(0.00)
	Hong Kong-China	0.39	(0.09)	0.39	(0.08)	0.48	(0.07)	0.52	(0.10)	0.34	(0.13)	0.46	(0.11)	0.57	(0.15)
	Indonesia	<b>-1.03</b>	(0.11)	-0.96	(0.10)	-0.78	(0.11)	<b>-0.25</b>	(0.19)	<b>-1.14</b>	(0.14)	-0.84	(0.16)	<b>-0.10</b>	(0.19)
	Jordan	<b>-0.59</b>	(0.10)	-0.50	(0.08)	-0.47	(0.08)	<b>-0.24</b>	(0.10)	<b>-0.62</b>	(0.15)	-0.54	(0.10)	<b>0.00</b>	(0.18)
	Kazakhstan	<b>-0.78</b>	(0.07)	-0.68	(0.08)	-0.68	(0.08)	<b>-0.58</b>	(0.10)	-0.90	(0.12)	-0.53	(0.11)	-0.73	(0.13)
	Latvia	0.00	(0.08)	0.04	(0.06)	0.06	(0.06)	0.04	(0.07)	-0.13	(0.11)	0.18	(0.08)	-0.10	(0.10)
	Liechtenstein	<b>0.95</b>	(0.04)	0.80	(0.06)	0.67	(0.06)	<b>0.65</b>	(0.05)	c	c	1.08	(0.02)	c	c
	Lithuania	0.11	(0.06)	0.10	(0.05)	0.17	(0.05)	0.22	(0.06)	0.06	(0.09)	0.12	(0.06)	0.28	(0.10)
	Macao-China	<b>0.24</b>	(0.02)	0.26	(0.02)	0.34	(0.02)	<b>0.60</b>	(0.02)	<b>0.28</b>	(0.00)	0.08	(0.00)	<b>0.66</b>	(0.00)
	Malaysia	<b>-0.37</b>	(0.08)	-0.28	(0.07)	-0.17	(0.07)	<b>-0.03</b>	(0.10)	<b>-0.46</b>	(0.11)	-0.19	(0.11)	<b>0.01</b>	(0.14)
	Montenegro	-0.46	(0.02)	-0.47	(0.02)	-0.50	(0.02)	-0.50	(0.02)	-0.53	(0.00)	-0.34	(0.00)	-0.53	(0.00)
	Peru	<b>-1.78</b>	(0.10)	-1.36	(0.09)	-0.92	(0.10)	<b>-0.54</b>	(0.13)	<b>-1.83</b>	(0.12)	-1.29	(0.12)	<b>-0.32</b>	(0.14)
	Qatar	<b>0.73</b>	(0.01)	0.73	(0.02)	0.73	(0.02)	<b>0.90</b>	(0.02)	<b>0.68</b>	(0.00)	0.53	(0.00)	<b>0.98</b>	(0.00)
	Romania	<b>0.09</b>	(0.07)	0.21	(0.07)	0.19	(0.07)	<b>0.41</b>	(0.10)	<b>-0.06</b>	(0.11)	0.26	(0.09)	<b>0.47</b>	(0.14)
	Russian Federation	<b>-0.60</b>	(0.08)	-0.46	(0.08)	-0.51	(0.07)	<b>-0.35</b>	(0.09)	-0.58	(0.12)	-0.54	(0.10)	<b>-0.30</b>	(0.13)
	Serbia	-0.54	(0.10)	-0.53	(0.08)	-0.60	(0.08)	-0.58	(0.08)	-0.62	(0.15)	-0.45	(0.09)	-0.67	(0.13)
	Shanghai-China	-0.06	(0.12)	0.11	(0.10)	0.18	(0.11)	0.27	(0.14)	<b>-0.21</b>	(0.20)	0.16	(0.15)	<b>0.39</b>	(0.19)
	Singapore	1.19	(0.02)	1.18	(0.02)	1.17	(0.02)	1.24	(0.03)	<b>1.18</b>	(0.00)	1.19	(0.01)	<b>1.22</b>	(0.02)
	Chinese Taipei	<b>0.47</b>	(0.11)	0.51	(0.10)	0.61	(0.10)	<b>0.73</b>	(0.11)	0.38	(0.19)	0.54	(0.14)	0.85	(0.15)
	Thailand	<b>-1.03</b>	(0.08)	-0.82	(0.08)	-0.56	(0.09)	<b>-0.31</b>	(0.10)	<b>-1.08</b>	(0.10)	-0.73	(0.11)	<b>-0.09</b>	(0.14)
	Tunisia	-1.42	(0.11)	-1.42	(0.08)	-1.34	(0.08)	-1.18	(0.11)	<b>-1.58</b>	(0.17)	-1.31	(0.10)	<b>-1.13</b>	(0.16)
United Arab Emirates	<b>0.14</b>	(0.07)	0.34	(0.06)	0.44	(0.05)	<b>0.55</b>	(0.06)	<b>0.11</b>	(0.09)	0.25	(0.09)	<b>0.69</b>	(0.10)	
Uruguay	<b>-0.04</b>	(0.09)	0.02	(0.09)	0.05	(0.09)	<b>0.44</b>	(0.10)	<b>-0.07</b>	(0.14)	0.00	(0.11)	<b>0.66</b>	(0.13)	
Viet Nam	<b>-0.68</b>	(0.10)	-0.57	(0.09)	-0.47	(0.08)	<b>-0.21</b>	(0.11)	<b>-0.76</b>	(0.13)	-0.45	(0.13)	<b>-0.11</b>	(0.16)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 2/2]

## Index of quality of schools' educational resources, by school features

Table IV.3.17 Results based on school principals' reports


	Index of quality of schools' educational resources													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
<b>OECD</b>	<b>0.43</b> (0.05)		<b>1.03</b> (0.05)		0.69 (0.04)		0.65 (0.06)		0.33 (0.14)		0.47 (0.08)		<b>0.81</b> (0.04)	
Australia	0.23 (0.09)		0.07 (0.31)		-0.02 (0.24)		0.24 (0.09)		0.56 (0.27)		0.36 (0.13)		-0.08 (0.15)	
Austria	0.19 (0.12)		0.36 (0.08)		0.07 (0.14)		0.33 (0.07)		-0.19 (0.43)		0.41 (0.07)		<b>0.01</b> (0.15)	
Belgium	<b>0.24</b> (0.05)		<b>0.62</b> (0.14)		0.16 (0.06)		0.29 (0.05)		0.40 (0.12)		0.32 (0.07)		0.22 (0.07)	
Canada	<b>-0.77</b> (0.13)		<b>-0.10</b> (0.08)		-0.59 (0.16)		-0.37 (0.07)		<b>-1.07</b> (0.29)		-0.42 (0.13)		-0.30 (0.09)	
Chile	0.05 (0.07)		0.03 (0.13)		-0.01 (0.08)		0.12 (0.08)		0.10 (0.21)		-0.02 (0.07)		0.20 (0.11)	
Czech Republic	<b>-0.30</b> (0.05)		<b>0.26</b> (0.12)		-0.15 (0.05)		c		-0.13 (0.11)		-0.11 (0.07)		-0.28 (0.16)	
Denmark	-0.18 (0.04)		0.01 (0.13)		-0.17 (0.04)		-0.02 (0.09)		-0.26 (0.08)		-0.21 (0.05)		-0.03 (0.09)	
Estonia	<b>-0.21</b> (0.06)		<b>0.14</b> (0.16)		-0.20 (0.06)		c	c	-0.16 (0.14)		-0.29 (0.06)		<b>-0.01</b> (0.12)	
Finland	0.42 (0.08)		0.24 (0.17)		0.25 (0.10)		0.44 (0.08)		0.29 (0.22)		0.36 (0.08)		0.49 (0.14)	
France	0.10 (0.07)		0.06 (0.20)		0.09 (0.06)		0.08 (0.36)		c	c	0.18 (0.09)		<b>-0.16</b> (0.11)	
Germany	-0.45 (0.07)		c	c	-0.47 (0.12)		-0.34 (0.07)		-0.18 (0.17)		-0.43 (0.09)		-0.23 (0.14)	
Greece	0.14 (0.07)		0.35 (0.19)		0.14 (0.20)		0.18 (0.07)		0.25 (0.36)		0.09 (0.09)		0.29 (0.10)	
Hungary	-0.34 (0.00)		c	c	-0.34 (0.00)		c	c	<b>-0.19</b> (0.01)		-0.33 (0.01)		<b>-0.46</b> (0.01)	
Iceland	0.24 (0.14)		0.00 (0.09)		0.10 (0.08)		0.13 (0.08)		0.20 (0.16)		-0.13 (0.09)		<b>0.45</b> (0.19)	
Ireland	-0.35 (0.09)		c	c	-0.45 (0.13)		-0.33 (0.09)		-0.29 (0.21)		-0.37 (0.14)		-0.34 (0.13)	
Israel	0.03 (0.04)		0.30 (0.15)		<b>-0.54</b> (0.11)		<b>0.06</b> (0.04)		-0.14 (0.22)		0.02 (0.04)		0.12 (0.08)	
Italy	<b>0.31</b> (0.09)		<b>0.73</b> (0.15)		c	c	0.44 (0.08)		c	c	0.33 (0.13)		0.48 (0.09)	
Japan	0.06 (0.10)		0.06 (0.12)		0.01 (0.22)		0.06 (0.08)		c	c	-0.09 (0.21)		0.08 (0.09)	
Korea	<b>-0.06</b> (0.00)		<b>0.58</b> (0.00)		<b>-0.01</b> (0.00)		<b>0.10</b> (0.00)		c	c	0.04 (0.00)		c	c
Luxembourg	<b>-1.03</b> (0.04)		<b>0.27</b> (0.13)		<b>-1.20</b> (0.07)		<b>-0.66</b> (0.05)		<b>-1.69</b> (0.07)		-0.96 (0.07)		<b>-0.47</b> (0.06)	
Mexico	0.25 (0.13)		0.19 (0.10)		0.15 (0.08)		0.27 (0.12)		c	c	0.20 (0.09)		0.15 (0.13)	
Netherlands	<b>0.12</b> (0.08)		<b>1.46</b> (0.25)		0.14 (0.10)		0.20 (0.08)		0.04 (0.18)		0.02 (0.10)		0.33 (0.12)	
New Zealand	-0.20 (0.06)		c	c	-0.19 (0.06)		c	c	-0.39 (0.11)		-0.22 (0.08)		0.09 (0.16)	
Norway	0.36 (0.08)		0.36 (0.32)		0.36 (0.08)		c	c	0.28 (0.15)		0.31 (0.10)		0.60 (0.16)	
Poland	<b>0.10</b> (0.08)		<b>0.80</b> (0.17)		<b>0.02</b> (0.08)		<b>0.29</b> (0.10)		0.64 (0.52)		0.05 (0.10)		0.40 (0.16)	
Portugal	<b>-0.58</b> (0.05)		<b>-0.14</b> (0.19)		-0.53 (0.06)		-0.56 (0.06)		-0.65 (0.08)		-0.51 (0.06)		-0.61 (0.10)	
Slovak Republic	<b>0.41</b> (0.01)		<b>1.17</b> (0.05)		0.26 (0.22)		0.44 (0.01)		0.14 (0.30)		0.44 (0.01)		0.42 (0.02)	
Slovenia	<b>-0.06</b> (0.05)		<b>0.16</b> (0.09)		0.02 (0.05)		c	c	-0.02 (0.27)		-0.01 (0.06)		0.06 (0.07)	
Spain	0.01 (0.06)		0.28 (0.18)		0.04 (0.06)		0.62 (0.35)		-0.13 (0.12)		0.04 (0.08)		0.19 (0.14)	
Sweden	0.56 (0.08)		0.32 (0.22)		<b>0.47</b> (0.08)		<b>0.82</b> (0.15)		0.50 (0.20)		0.56 (0.08)		0.52 (0.19)	
Switzerland	-0.42 (0.06)		c	c	<b>-0.83</b> (0.21)		<b>-0.39</b> (0.07)		-0.40 (0.21)		-0.49 (0.10)		-0.33 (0.10)	
Turkey	<b>0.33</b> (0.09)		<b>0.72</b> (0.13)		c	c	0.51 (0.08)		0.15 (0.18)		0.52 (0.09)		0.61 (0.15)	
United Kingdom	0.36 (0.09)		0.94 (0.29)		<b>0.23</b> (0.11)		<b>0.41</b> (0.08)		0.12 (0.26)		0.48 (0.11)		0.32 (0.14)	
United States	<b>0.00</b> (0.01)		<b>0.39</b> (0.03)		<b>-0.08</b> (0.02)		<b>0.14</b> (0.02)		-0.07 (0.04)		0.02 (0.02)		<b>0.11</b> (0.02)	
<b>OECD average</b>	<b>0.00</b> (0.01)		<b>0.39</b> (0.03)		<b>-0.08</b> (0.02)		<b>0.14</b> (0.02)		-0.07 (0.04)		0.02 (0.02)		<b>0.11</b> (0.02)	
<b>Partners</b>	<b>-0.50</b> (0.06)		<b>0.46</b> (0.11)		-0.49 (0.07)		-0.36 (0.08)		<b>-0.92</b> (0.06)		-0.34 (0.08)		-0.14 (0.13)	
Albania	-0.64 (0.11)		-0.38 (0.15)		<b>-0.78</b> (0.10)		<b>-0.40</b> (0.10)		<b>-1.31</b> (0.25)		-0.54 (0.12)		-0.36 (0.14)	
Argentina	<b>-0.79</b> (0.04)		<b>0.59</b> (0.16)		<b>-0.70</b> (0.07)		<b>-0.50</b> (0.05)		-0.77 (0.38)		-0.75 (0.07)		<b>-0.32</b> (0.07)	
Brazil	-0.04 (0.07)		c	c	-0.29 (0.15)		-0.02 (0.07)		-0.11 (0.21)		-0.10 (0.08)		0.07 (0.13)	
Bulgaria	<b>-1.63</b> (0.08)		<b>0.00</b> (0.24)		<b>-1.52</b> (0.09)		<b>-1.28</b> (0.07)		-1.91 (0.22)		-1.64 (0.14)		<b>-1.10</b> (0.10)	
Colombia	<b>-1.30</b> (0.09)		<b>0.45</b> (0.20)		<b>-1.22</b> (0.10)		<b>-0.85</b> (0.08)		-1.31 (0.20)		-1.05 (0.11)		-0.84 (0.17)	
Costa Rica	-0.50 (0.05)		c	c	c	c	-0.50 (0.05)		c	c	-0.53 (0.06)		-0.46 (0.11)	
Croatia	<b>0.11</b> (0.00)		<b>0.98</b> (0.01)		<b>-0.30</b> (0.03)		<b>0.28</b> (0.00)		<b>1.03</b> (0.01)		0.12 (0.00)		<b>0.41</b> (0.00)	
Cyprus*	0.50 (0.11)		0.45 (0.08)		0.43 (0.07)		0.45 (0.07)		c	c	c	c	0.44 (0.07)	
Hong Kong-China	-0.80 (0.11)		-0.66 (0.18)		<b>-0.95</b> (0.12)		<b>-0.58</b> (0.14)		-1.09 (0.22)		-0.87 (0.13)		<b>-0.02</b> (0.15)	
Indonesia	<b>-0.60</b> (0.09)		<b>0.31</b> (0.19)		-0.45 (0.08)		c	c	-0.66 (0.19)		-0.55 (0.12)		-0.29 (0.12)	
Jordan	<b>-0.71</b> (0.07)		<b>0.34</b> (0.21)		-0.67 (0.08)		-0.70 (0.10)		-0.83 (0.09)		-0.80 (0.18)		-0.50 (0.11)	
Kazakhstan	0.02 (0.06)		c	c	0.04 (0.05)		-0.06 (0.18)		0.03 (0.12)		0.11 (0.08)		-0.06 (0.09)	
Latvia	0.76 (0.01)		c	c	<b>0.84</b> (0.01)		<b>0.22</b> (0.00)		c	c	0.77 (0.01)		c	c
Liechtenstein	0.13 (0.05)		c	c	0.15 (0.05)		c	c	0.09 (0.08)		0.19 (0.08)		0.13 (0.07)	
Lithuania	c	c	0.39 (0.00)		<b>0.23</b> (0.00)		<b>0.52</b> (0.00)		c	c	c	c	0.36 (0.00)	
Macao-China	-0.24 (0.07)		0.67 (0.54)		-0.06 (0.16)		-0.22 (0.07)		<b>-0.71</b> (0.16)		-0.17 (0.09)		-0.04 (0.16)	
Malaysia	-0.48 (0.00)		c	c	c	c	-0.48 (0.00)		c	c	-0.56 (0.00)		<b>-0.30</b> (0.00)	
Montenegro	<b>-1.46</b> (0.08)		<b>-0.17</b> (0.18)		<b>-1.48</b> (0.09)		<b>-1.02</b> (0.09)		<b>-2.01</b> (0.13)		-1.38 (0.12)		<b>-0.54</b> (0.13)	
Peru	<b>0.95</b> (0.00)		<b>0.49</b> (0.00)		<b>0.74</b> (0.01)		<b>0.79</b> (0.00)		<b>0.62</b> (0.01)		0.83 (0.00)		<b>0.76</b> (0.00)	
Qatar	0.21 (0.06)		c	c	0.22 (0.06)		c	c	-0.23 (0.23)		0.19 (0.07)		0.38 (0.13)	
Romania	-0.49 (0.07)		c	c	-0.45 (0.07)		-0.62 (0.12)		-0.60 (0.12)		-0.56 (0.12)		-0.37 (0.08)	
Russian Federation	-0.57 (0.07)		c	c	c	c	-0.56 (0.07)		c	c	-0.54 (0.11)		-0.57 (0.10)	
Serbia	0.14 (0.10)		0.02 (0.48)		0.09 (0.14)		0.15 (0.12)		c	c	c	c	0.13 (0.09)	
Shanghai-China	1.19 (0.00)		c	c	1.22 (0.06)		1.19 (0.01)		c	c	c	c	1.19 (0.01)	
Singapore	0.54 (0.11)		0.67 (0.17)		0.45 (0.13)		0.65 (0.12)		c	c	0.41 (0.15)		0.66 (0.12)	
Chinese Taipei	<b>-0.80</b> (0.08)		<b>-0.09</b> (0.19)		<b>-0.99</b> (0.08)		<b>-0.59</b> (0.08)		<b>-1.39</b> (0.16)		-0.75 (0.11)		<b>-0.21</b> (0.12)	
Thailand	-1.35 (0.08)		c	c	-1.29 (0.12)		-1.37 (0.10)		-1.72 (0.33)		-1.39 (0.10)		-1.13 (0.18)	
Tunisia	<b>-0.01</b> (0.08)		<b>0.71</b> (0.09)		0.27 (0.12)		0.38 (0.05)		-0.03 (0.17)		0.09 (0.10)		<b>0.57</b> (0.06)	
United Arab Emirates	<b>-0.02</b> (0.08)		<b>0.80</b> (0.16)		0.13 (0.09)		0.11 (0.09)		-0.48 (0.23)		-0.07 (0.11)		<b>0.52</b> (0.11)	
Uruguay	<b>-0.53</b> (0.07)		<b>0.22</b> (0.23)		-0.87 (0.26)		-0.44 (0.07)		-0.70 (0.13)		-0.61 (0.13)		<b>0.07</b> (0.14)	
Viet Nam														

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.


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[Part 1/1]  
**Availability of computers at school**

Table IV.3.18 *Results based on school principals' reports*

		School principals' report on the following:			
		Computers for educational purposes per student in the school		Proportion of computers connected to the Internet in the school	
		Mean ratio	S.E.	Mean ratio	S.E.
OECD	Australia	1.53	(0.05)	1.00	(0.00)
	Austria	1.47	(0.16)	0.99	(0.01)
	Belgium	0.72	(0.03)	0.97	(0.01)
	Canada	0.84	(0.03)	1.00	(0.00)
	Chile	0.49	(0.03)	0.95	(0.01)
	Czech Republic	0.92	(0.04)	0.99	(0.01)
	Denmark	0.83	(0.04)	0.99	(0.01)
	Estonia	0.69	(0.02)	1.00	(0.00)
	Finland	0.46	(0.02)	1.00	(0.00)
	France	0.60	(0.04)	0.96	(0.01)
	Germany	0.65	(0.07)	0.98	(0.01)
	Greece	0.24	(0.01)	0.99	(0.01)
	Hungary	0.64	(0.03)	0.99	(0.01)
	Iceland	0.63	(0.00)	1.00	(0.00)
	Ireland	0.64	(0.04)	1.00	(0.00)
	Israel	0.38	(0.02)	0.91	(0.01)
	Italy	0.48	(0.01)	0.96	(0.01)
	Japan	0.56	(0.04)	0.97	(0.01)
	Korea	0.40	(0.03)	0.97	(0.01)
	Luxembourg	0.87	(0.00)	1.00	(0.00)
	Mexico	0.28	(0.03)	0.73	(0.01)
	Netherlands	0.68	(0.04)	1.00	(0.00)
	New Zealand	1.10	(0.04)	0.99	(0.00)
	Norway	0.79	(0.03)	0.99	(0.01)
	Poland	0.36	(0.01)	0.98	(0.01)
	Portugal	0.46	(0.05)	0.97	(0.01)
	Slovak Republic	0.77	(0.03)	0.99	(0.00)
	Slovenia	0.62	(0.01)	1.00	(0.00)
	Spain	0.67	(0.02)	0.99	(0.01)
	Sweden	0.63	(0.03)	0.99	(0.00)
	Switzerland	0.68	(0.05)	0.99	(0.00)
	Turkey	0.14	(0.01)	0.96	(0.01)
	United Kingdom	1.02	(0.04)	0.99	(0.00)
	United States	0.95	(0.06)	0.94	(0.01)
OECD average	0.68	(0.01)	0.97	(0.00)	
Partners	Albania	0.36	(0.08)	0.70	(0.03)
	Argentina	0.49	(0.04)	0.71	(0.03)
	Brazil	0.20	(0.02)	0.92	(0.01)
	Bulgaria	0.56	(0.02)	0.97	(0.01)
	Colombia	0.48	(0.03)	0.71	(0.03)
	Costa Rica	0.53	(0.18)	0.83	(0.03)
	Croatia	0.32	(0.03)	0.96	(0.01)
	Cyprus*	0.74	(0.00)	0.90	(0.00)
	Hong Kong-China	0.73	(0.03)	1.00	(0.00)
	Indonesia	0.16	(0.01)	0.56	(0.04)
	Jordan	0.35	(0.01)	0.84	(0.02)
	Kazakhstan	0.80	(0.05)	0.57	(0.03)
	Latvia	0.98	(0.07)	0.99	(0.00)
	Liechtenstein	0.62	(0.01)	1.00	(0.00)
	Lithuania	0.85	(0.13)	0.99	(0.00)
	Macao-China	1.02	(0.00)	0.99	(0.00)
	Malaysia	0.19	(0.01)	0.87	(0.02)
	Montenegro	0.18	(0.01)	0.94	(0.00)
	Peru	0.40	(0.02)	0.65	(0.03)
	Qatar	0.61	(0.00)	0.90	(0.00)
	Romania	0.54	(0.13)	0.95	(0.01)
	Russian Federation	0.58	(0.03)	0.82	(0.02)
	Serbia	0.24	(0.01)	0.83	(0.03)
	Shanghai-China	0.51	(0.03)	0.95	(0.01)
	Singapore	0.67	(0.01)	0.99	(0.00)
	Chinese Taipei	0.34	(0.03)	1.00	(0.00)
	Thailand	0.48	(0.02)	0.95	(0.01)
	Tunisia	0.51	(0.11)	0.63	(0.04)
	United Arab Emirates	0.69	(0.04)	0.83	(0.01)
	Uruguay	0.40	(0.05)	0.96	(0.01)
Viet Nam	0.24	(0.03)	0.80	(0.03)	

\* See notes at the beginning of this Annex.  
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[Part 1/1]  
**Instructional use of Internet**  
 Results based on school principals' reports

Table IV.3.19

		School principals' report on how much of the work, in all subjects combined, expected from 15-year-olds in the national modal grade requires Internet access:																							
		Work during lessons				Homework				Assignments or projects															
		<10%		10-50%		51-75%		>75%		<10%		10-50%		51-75%		>75%									
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.								
OECD	Australia	8.5	(1.1)	78.0	(1.6)	10.8	(1.2)	2.7	(0.6)	8.3	(1.0)	71.7	(1.7)	15.4	(1.3)	4.5	(0.7)	1.6	(0.5)	47.1	(1.5)	33.2	(1.6)	18.0	(1.4)
	Austria	25.0	(3.3)	60.8	(4.4)	8.7	(2.5)	5.4	(1.9)	31.2	(3.5)	53.7	(4.5)	8.3	(2.6)	6.9	(2.3)	6.7	(2.1)	37.3	(3.6)	26.4	(3.4)	29.6	(3.9)
	Belgium	44.1	(2.8)	51.9	(2.8)	2.6	(0.9)	1.4	(0.8)	38.1	(3.1)	52.4	(3.5)	5.1	(1.6)	4.4	(1.2)	17.7	(2.3)	51.9	(3.5)	21.1	(2.6)	9.3	(1.8)
	Canada	38.3	(2.7)	56.7	(2.9)	4.1	(1.1)	0.8	(0.4)	19.6	(1.9)	66.3	(2.3)	11.0	(1.7)	3.1	(0.7)	6.0	(1.1)	51.2	(2.4)	28.6	(2.3)	14.3	(1.6)
	Chile	15.5	(2.6)	56.8	(3.5)	14.6	(3.1)	13.1	(2.8)	5.8	(1.5)	40.4	(3.8)	32.9	(3.6)	21.0	(2.9)	5.8	(1.7)	36.9	(3.7)	31.3	(3.7)	26.0	(3.0)
	Czech Republic	32.3	(3.5)	66.3	(3.5)	0.2	(0.2)	1.2	(0.8)	32.7	(3.3)	63.3	(3.5)	3.2	(1.1)	0.7	(0.6)	29.6	(3.5)	58.1	(3.3)	8.1	(1.9)	4.2	(1.4)
	Denmark	7.0	(1.7)	75.2	(3.4)	10.2	(2.3)	7.6	(2.3)	8.4	(1.9)	66.7	(3.6)	18.1	(3.0)	6.8	(2.2)	1.1	(0.4)	19.1	(3.3)	33.9	(3.6)	45.9	(4.1)
	Estonia	25.8	(2.4)	70.7	(2.6)	2.3	(1.0)	1.1	(0.8)	16.7	(2.4)	76.5	(2.7)	4.8	(1.5)	2.0	(1.1)	10.0	(2.0)	53.4	(3.3)	22.6	(2.8)	14.0	(2.2)
	Finland	47.1	(3.5)	51.0	(3.5)	0.4	(0.0)	1.5	(1.0)	48.1	(3.2)	48.1	(3.2)	2.6	(1.4)	1.2	(0.7)	8.5	(1.5)	51.2	(3.1)	27.5	(2.7)	12.8	(2.3)
	France	49.0	(3.3)	50.5	(3.3)	0.0	c	0.6	(0.5)	28.4	(3.2)	66.9	(3.5)	4.3	(1.5)	0.4	(0.5)	10.3	(2.0)	63.6	(2.9)	15.4	(2.4)	10.7	(1.8)
	Germany	41.0	(3.5)	54.7	(3.4)	2.8	(1.2)	1.5	(0.9)	32.6	(3.2)	60.8	(3.4)	3.8	(1.4)	2.8	(1.3)	9.9	(2.0)	43.9	(3.8)	29.4	(3.0)	16.7	(2.6)
	Greece	45.0	(3.8)	48.2	(3.9)	2.5	(0.8)	4.3	(1.6)	24.8	(3.6)	60.2	(4.2)	12.4	(3.1)	2.7	(1.3)	2.4	(1.2)	18.9	(2.9)	26.0	(3.4)	52.7	(4.0)
	Hungary	39.5	(3.7)	59.5	(3.8)	0.0	c	1.0	(0.9)	27.0	(3.6)	69.1	(3.7)	2.6	(1.2)	1.3	(0.9)	20.1	(3.1)	53.2	(3.6)	17.4	(3.0)	9.3	(2.1)
	Iceland	60.0	(0.2)	40.0	(0.2)	0.0	c	0.0	c	46.8	(0.2)	52.0	(0.3)	0.0	c	1.2	(0.1)	25.5	(0.2)	71.9	(0.2)	1.4	(0.0)	1.2	(0.1)
	Ireland	67.4	(3.9)	31.9	(3.8)	0.0	c	0.7	(0.7)	45.6	(3.9)	47.8	(3.8)	5.4	(1.8)	1.3	(1.1)	24.0	(3.5)	46.1	(3.9)	16.6	(3.0)	13.4	(2.7)
	Israel	50.4	(4.0)	44.1	(3.9)	4.9	(2.2)	0.6	(0.6)	25.8	(3.1)	61.2	(3.9)	8.8	(2.4)	4.3	(1.8)	12.5	(2.4)	55.6	(4.1)	19.4	(3.2)	12.5	(2.8)
	Italy	23.8	(1.8)	60.0	(2.4)	10.6	(1.3)	5.6	(1.0)	16.6	(1.9)	59.2	(2.1)	16.1	(1.5)	8.1	(1.2)	6.2	(1.2)	35.8	(2.2)	27.6	(1.9)	30.4	(2.1)
	Japan	32.8	(3.6)	50.3	(4.0)	4.1	(1.5)	12.8	(2.7)	30.8	(3.4)	54.9	(4.1)	5.0	(1.6)	9.4	(2.3)	8.0	(2.0)	45.5	(4.0)	18.5	(2.9)	28.1	(3.5)
	Korea	57.3	(3.4)	31.7	(3.2)	6.1	(2.0)	5.0	(1.9)	20.4	(3.4)	50.1	(4.4)	11.2	(2.7)	18.2	(3.5)	17.2	(3.1)	39.1	(4.0)	20.1	(3.1)	23.5	(3.5)
	Luxembourg	54.0	(0.1)	46.0	(0.1)	0.0	c	0.0	c	45.4	(0.1)	54.1	(0.1)	0.4	(0.0)	0.0	c	17.7	(0.1)	70.5	(0.1)	7.0	(0.1)	4.8	(0.0)
	Mexico	36.2	(1.9)	50.0	(2.4)	9.6	(1.3)	4.1	(0.7)	12.8	(1.2)	52.0	(1.9)	23.7	(1.5)	11.4	(1.2)	12.4	(1.4)	46.0	(2.0)	25.7	(1.7)	15.9	(1.5)
	Netherlands	48.3	(3.6)	47.0	(3.7)	2.6	(1.5)	2.2	(1.2)	20.3	(3.0)	62.0	(4.3)	13.3	(3.8)	4.4	(1.9)	9.3	(2.3)	41.9	(4.5)	30.5	(3.9)	18.3	(3.6)
	New Zealand	29.2	(3.5)	66.1	(3.8)	3.7	(1.5)	1.0	(0.5)	16.3	(3.2)	72.6	(4.0)	4.8	(1.6)	6.3	(1.9)	5.3	(1.9)	60.5	(3.9)	22.9	(4.0)	11.3	(2.4)
	Norway	4.1	(1.5)	39.8	(3.6)	10.8	(2.2)	45.2	(3.6)	2.4	(1.1)	27.8	(3.7)	17.6	(3.1)	52.2	(4.1)	0.5	(0.5)	12.3	(2.6)	23.6	(3.2)	63.5	(3.7)
	Poland	53.3	(3.8)	45.8	(3.8)	0.9	(0.8)	0.0	c	22.1	(3.0)	70.5	(3.6)	6.4	(2.1)	0.9	(0.9)	8.2	(2.1)	41.6	(3.9)	31.8	(3.8)	18.4	(3.1)
	Portugal	42.5	(4.3)	54.9	(4.1)	2.4	(1.2)	0.2	(0.1)	21.9	(4.1)	65.4	(4.6)	10.4	(2.9)	2.4	(1.2)	15.8	(3.5)	59.7	(4.2)	19.1	(3.2)	5.4	(2.1)
	Slovak Republic	11.9	(2.8)	75.6	(3.0)	7.5	(1.9)	5.1	(1.2)	30.8	(3.8)	60.7	(3.8)	6.2	(1.9)	2.3	(1.0)	8.3	(2.3)	52.6	(3.8)	23.4	(3.0)	15.7	(2.2)
	Slovenia	20.0	(0.5)	66.7	(0.7)	7.7	(0.6)	5.6	(0.2)	7.8	(0.4)	68.2	(0.7)	15.6	(0.7)	8.4	(0.2)	9.9	(0.4)	45.5	(0.7)	23.7	(0.7)	20.9	(0.4)
Spain	29.6	(2.6)	61.6	(2.6)	6.3	(1.5)	2.4	(0.8)	15.0	(1.8)	67.7	(2.6)	12.8	(2.6)	4.5	(1.1)	4.8	(0.8)	42.2	(2.9)	27.0	(2.7)	25.9	(2.2)	
Sweden	11.0	(2.1)	56.8	(3.6)	7.8	(1.9)	24.4	(3.1)	32.2	(3.1)	38.2	(4.0)	11.2	(2.1)	18.5	(2.9)	7.8	(2.1)	41.6	(3.7)	19.2	(2.6)	31.4	(3.2)	
Switzerland	44.5	(3.5)	53.2	(3.7)	1.2	(0.8)	1.1	(0.7)	46.4	(3.2)	51.1	(3.2)	1.3	(0.8)	1.2	(0.7)	10.8	(2.2)	55.4	(3.8)	20.8	(2.3)	13.0	(2.4)	
Turkey	24.6	(3.4)	62.0	(4.0)	7.8	(2.1)	5.7	(1.8)	7.1	(2.0)	49.9	(4.0)	28.1	(3.5)	14.9	(2.8)	4.3	(1.5)	36.0	(3.3)	24.3	(3.5)	35.4	(4.2)	
United Kingdom	34.0	(4.0)	62.0	(4.0)	3.8	(1.5)	0.2	(0.1)	11.1	(2.2)	64.6	(3.4)	20.5	(3.2)	3.8	(1.3)	5.1	(2.4)	51.6	(3.4)	30.6	(3.2)	12.7	(2.6)	
United States	33.3	(4.1)	58.4	(4.3)	5.6	(2.1)	2.7	(1.4)	21.8	(3.4)	70.1	(3.8)	5.9	(2.0)	2.2	(1.2)	4.4	(1.5)	56.1	(4.0)	28.8	(3.8)	10.7	(2.2)	
OECD average	34.9	(0.5)	55.4	(0.6)	4.8	(0.3)	4.9	(0.3)	24.2	(0.5)	58.7	(0.6)	10.3	(0.4)	6.9	(0.3)	10.2	(0.3)	46.9	(0.6)	23.0	(0.5)	19.9	(0.5)	
Partners	Albania	56.4	(4.1)	32.9	(3.6)	8.8	(2.6)	1.9	(1.1)	19.6	(3.3)	63.0	(4.4)	10.7	(2.6)	6.6	(2.9)	12.0	(2.5)	33.3	(3.9)	23.2	(3.6)	31.5	(3.8)
	Argentina	34.2	(3.8)	51.1	(4.3)	9.5	(2.3)	5.2	(1.7)	15.6	(2.6)	59.2	(3.9)	16.8	(3.0)	8.3	(2.5)	10.7	(2.2)	50.3	(4.0)	23.5	(3.8)	15.6	(2.4)
	Brazil	44.4	(3.3)	44.6	(3.2)	8.0	(1.8)	3.0	(1.0)	12.8	(2.0)	52.0	(2.9)	26.0	(2.5)	9.1	(1.6)	5.8	(1.2)	32.8	(2.4)	33.8	(2.5)	27.6	(2.0)
	Bulgaria	11.5	(2.2)	59.6	(4.0)	11.5	(2.6)	17.5	(3.0)	9.6	(2.2)	43.5	(4.0)	22.9	(3.6)	24.0	(2.9)	10.3	(2.6)	40.9	(3.8)	22.1	(3.0)	26.7	(3.1)
	Colombia	29.3	(3.9)	46.6	(3.9)	15.4	(3.1)	8.7	(2.1)	9.7	(1.7)	53.2	(4.4)	23.6	(4.1)	13.5	(2.4)	10.6	(2.4)	49.5	(4.2)	24.4	(3.9)	15.4	(3.1)
	Costa Rica	48.2	(3.5)	37.5	(3.5)	9.6	(2.4)	4.7	(1.4)	13.6	(2.9)	43.0	(3.9)	29.4	(3.8)	14.0	(2.5)	11.4	(2.4)	35.6	(4.0)	28.3	(3.8)	24.7	(3.1)
	Croatia	15.8	(2.8)	67.3	(3.4)	8.5	(1.7)	8.3	(2.2)	8.7	(2.2)	64.9	(3.9)	20.6	(2.8)	5.8	(1.8)	5.0	(1.7)	35.8	(3.6)	31.2	(3.8)	27.9	(3.4)
	Cyprus*	43.7	(0.1)	45.0	(0.1)	4.9	(0.0)	6.3	(0.1)	15.8	(0.1)	56.5	(0.1)	18.1	(0.1)	9.6	(0.1)	12.0	(0.1)	48.9	(0.1)	18.9	(0.1)	20.2	(0.1)
	Hong Kong-China	61.4	(4.1)	36.4	(4.2)	1.6	(0.9)	0.7	(0.6)	24.7	(3.5)	70.6	(3.7)	4.7	(1.7)	0.0	c	9.5	(2.6)	61.0	(4.4)	21.9	(3.5)	7.6	(2.3)
	Indonesia	40.7	(4.1)	46.1	(4.5)	6.5	(2.0)	6.7	(2.0)	22.0	(3.8)	62.9	(4.4)	10.6	(1.9)	4.4	(1.8)	24.5	(4.0)	53.2	(4.9)	13.8	(3.0)	8.5	(2.2)
	Jordan	29.4	(3.5)	47.6	(3.9)	13.0	(2.6)	10.0	(2.2)	25.1	(3.2)	48.7	(4.0)	16.6	(2.8)	9.6	(2.6)	19.8	(2.9)	44.8	(3.9)	18.1	(2.9)	17.3	(2.8)
	Kazakhstan	17.6	(3.0)	45.6	(4.5)	22.2	(3.7)	14.5	(2.9)	18.5	(2.7)	49.5	(3.8)	20.7	(2.9)	11.3	(2.2)	13.4	(2.5)	36.7	(4.1)	29.7	(4.2)	20.3	(3.3)
	Latvia	34.2	(3.4)	59.8	(3.2)	4.2	(1.5)	1.8	(1.1)	15.2	(2.7)	74.5	(3.0)	6.3	(1.3)	4.0	(1.6)	7.3	(1.8)	58.2	(3.7)	23.7	(3.0)	10.8	(2.4)
	Liechtenstein	14.1	(0.7)	85.9	(0.7)	0.0	c	0.0	c	80.4	(1.1)	19.6	(1.1)	0.0	c	0.0	c	1.0	(0.6)	79.6	(0.8)	19.4	(1.0)	0.0	c
	Lithuania	36.9	(3.6)	55.4	(3.8)	4.2	(1.4)	3.6	(1.3)	20.2	(2.9)	63.5	(3.3)	11.9	(2.1)	4.3	(1.5)	9.4	(1.8)	46.2</					



[Part 1/1]  
Compulsory and intended instruction time, by age

Table IV.3.20 Number of hours per year for 5-15 year-olds in public institutions (2011)

	Source	Number of hours per year of total intended instruction time													
		Age 5 <sup>1</sup>	Age 6 <sup>1</sup>	Age 7	Age 8	Age 9	Age 10	Age 11	Age 12	Age 13	Age 14	Age 15 (typical programme)	Age 15 (least demanding programme)		
OECD	Australia	a	714	991	991	992	993	997	995	1 026	1 002	1 003	1 004	949	
	Austria	a	a	a	735	735	765	765	905	935	940	1 000	1 050	1 005	
	Belgium (Fl.)	a	a	831	831	831	831	831	831	955	955	955	955	448	
	Belgium (Fr.)	a	a	930	930	930	930	930	930	1 020	1 020	m	m	a	
	Canada	a	a	913	913	921	921	921	922	928	927	915	920	a	
	Chile	a	a	855	855	1 083	1 083	1 083	1 083	1 083	1 083	1 197	1 197	1 197	
	Czech Republic <sup>2</sup>	a	a	526	526	644	644	644	819	819	878	878	790	585	
	Denmark	a	a	a	690	713	803	803	833	840	870	990	930	900	
	England	a	798	798	893	893	893	893	912	912	912	950	950	a	
	Estonia	a	a	a	608	608	608	691	691	691	770	770	770	m	
	Finland	a	a	a	608	608	671	671	707	660	913	913	913	a	
	France	a	a	a	864	864	864	864	964	982	1 234	1 144	1 036	a	
	Germany	a	m	m	627	655	754	770	856	873	887	900	933	m	
	Greece	a	a	1 188	1 188	1 170	1 170	1 164	1 164	796	796	796	773	a	
	Hungary	a	a	a	611	617	611	780	780	853	902	902	1 106	1 106	
	Iceland	a	a	a	800	800	800	800	933	933	987	987	987	a	
	Ireland	a	732	732	915	915	915	915	915	915	935	935	935	935	
	Israel	a	a	906	910	946	1 001	985	991	960	983	1 000	1 102	m	
	Italy	a	a	891	891	891	891	891	990	990	990	979	1 089	m	
	Japan	a	a	663	707	760	797	797	797	866	866	866	866	a	
	Korea	a	a	560	560	635	635	703	703	842	842	867	963	a	
	Luxembourg	a	a	924	924	924	924	924	900	900	900	900	900	900	
	Mexico	a	a	800	800	800	800	800	800	1 167	1 167	1 167	864	a	
	Netherlands	a	a	940	940	940	940	940	940	1 000	1 000	1 000	1 000	a	
	New Zealand		m	m	m	m	m	m	m	m	m	m	m	m	
	Norway	a	a	a	678	694	713	735	797	808	809	853	854	859	a
	Poland	a	a	a	618	618	644	779	779	779	783	783	832	a	
	Portugal	a	a	1 004	915	915	915	898	898	950	950	950	950	m	
	Scotland	a	a	a	a	a	a	a	a	a	a	a	a	a	
	Slovak Republic	a	a	627	656	713	798	770	827	855	855	855	941	941	
	Slovenia	a	a	581	608	634	686	739	739	831	844	776	908	888	
	Spain	a	a	875	875	875	875	875	875	1 050	1 050	1 050	1 050	1 050	
	Sweden <sup>3</sup>	a	a	a	741	741	741	741	741	741	741	741	741	a	
Switzerland		m	m	m	m	m	m	m	m	m	m	m	m		
Turkey	a	a	864	864	864	864	864	864	864	864	810	810	a		
United States	a	m	m	m	m	m	m	m	m	m	m	m	a		
OECD average			823	790	811	828	849	872	901	928	930	942			
Partners	Albania	b	a	525	525	578	604	604	709	761	761	761	761	761	
	Argentina <sup>4</sup>	c	m	m	m	m	720	720	720	896	896	896	m	m	
	Brazil	a	m	m	m	m	m	m	m	m	m	m	m	m	
	Bulgaria	b	a	a	438	455	587	587	848	848	848	848	1 080	855	
	Colombia	b	a	1 000	1 000	1 000	1 000	1 200	1 200	1 200	1 200	1 200	1 200	1 200	
	Costa Rica		m	m	m	m	m	m	m	m	m	m	m	m	
	Croatia	b	a	a	525	525	525	578	735	761	840	840	840	698	
	Cyprus*	b	a	863	817	817	817	817	919	919	919	919	889	a	
	Hong Kong-China	b	a	554	554	554	554	554	697	697	697	697	697	a	
	Indonesia	a	a	a	455	473	653	793	793	793	1 020	1 020	1 020	a	
	Jordan	b	a	731	878	878	907	907	936	1 024	1 024	995	1 053	1 024	
	Kazakhstan		m	m	m	m	m	m	m	m	m	m	m	m	
	Latvia	b	a	a	499	537	560	607	653	700	747	793	839	839	
	Liechtenstein	b	a	673	761	772	878	878	878	995	995	995	1 024	0	
	Lithuania	b	a	a	411	552	528	552	624	756	783	810	810	m	
	Macao-China	b	a	587	587	587	587	622	622	833	833	833	800	800	
	Malaysia	b	m	m	m	m	m	m	m	m	m	m	m	m	
	Montenegro	b	a	510	510	510	599	650	663	765	765	698	919	840	
	Peru	b	a	900	900	900	900	900	900	1 050	1 050	1 050	1 050	1 050	
	Qatar	b	a	720	720	1 056	1 056	1 056	1 056	1 056	1 056	1 056	1 152	m	
	Romania	b	m	m	m	m	m	m	m	m	m	m	m	m	
	Russian Federation	a	a	a	385	499	499	499	814	840	893	919	919	m	
	Serbia		m	m	m	m	m	m	m	m	m	m	m	m	
Shanghai-China	b	a	635	635	655	674	674	771	771	771	680	793	227		
Singapore	b	a	754	780	803	803	803	624	793	820	838	703	618		
Chinese Taipei	b	a	624	624	624	780	780	858	858	1 141	1 141	1 170	1 300		
Thailand	b	a	a	833	833	833	833	833	833	1 000	1 000	1 000	1 000		
Tunisia	c	m	m	m	m	800	960	992	992	992	992	m	m		
United Arab Emirates	b	a	919	919	919	919	919	1 021	1 021	1 021	1 021	1 021	1 021		
Uruguay	b	850	850	850	850	850	850	850	589	589	589	589	589		
Viet Nam	b	m	m	m	m	m	m	m	m	m	m	m	m		

1. Only if applicable to primary education.

2. Minimum number of hours per year.

3. Estimated minimum numbers of hours per year because breakdown by age not available.


4. Year of reference 2010.

Sources: a. *Education at a Glance 2013: OECD Indicators* (OECD, 2013). For further notes, see *Education at a Glance 2013: OECD Indicators* (OECD, 2013) Annex 3, available on line: [www.oecd.org/edu/eag.htm](http://www.oecd.org/edu/eag.htm)

b. PISA system-level data collection in 2013.

c. UNESCO Institute for Statistics (World Education Indicators Programme).

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957460>



[Part 1/1]  
**Students' learning time in school**  
 Results based on students' self-reports

Table IV.3.21

	Total class periods per week				Regular mathematics lessons				Regular language-of-instruction lessons				Regular science lessons				Regular mathematics, language-of-instruction and science lessons																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Number of all class periods in a normal full week of school (class periods)		Variability in total class periods		Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Mean	S.E.	S.D.	S.E.	Mean	S.E.	S.D.	S.E.	Mean	S.E.	S.D.	S.E.	Mean	S.E.	S.D.	S.E.	Mean	S.E.	S.D.	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
<b>OECD</b>																						Australia	26.5	(0.2)	9.5	(0.2)	236.3	(0.9)	60.2	(1.3)	233.3	(1.0)	56.2	(1.3)	227.2	(1.3)	65.8	(1.6)	693.5	(2.9)	157.8	(3.8)			Austria	33.2	(0.3)	7.9	(0.2)	156.4	(2.4)	69.7	(2.3)	144.3	(1.7)	48.5	(1.4)	199.8	(4.8)	146.8	(5.1)	499.7	(5.2)	182.0	(4.7)			Belgium	31.8	(0.1)	6.1	(0.2)	216.9	(1.4)	70.6	(2.2)	217.8	(1.4)	61.6	(2.7)	192.2	(2.6)	109.4	(3.3)	633.7	(3.7)	171.6	(4.6)			Canada	19.4	(0.1)	7.8	(0.1)	313.8	(2.8)	122.0	(1.6)	316.1	(2.9)	126.2	(1.8)	306.2	(2.7)	132.1	(1.7)	936.8	(7.9)	330.0	(4.7)			Chile	30.1	(0.5)	15.0	(0.2)	397.6	(6.3)	189.7	(4.0)	374.4	(6.2)	179.5	(3.9)	295.7	(5.4)	194.7	(4.1)	1066.6	(15.6)	490.1	(9.9)			Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)	
Australia	26.5	(0.2)	9.5	(0.2)	236.3	(0.9)	60.2	(1.3)	233.3	(1.0)	56.2	(1.3)	227.2	(1.3)	65.8	(1.6)	693.5	(2.9)	157.8	(3.8)			Austria	33.2	(0.3)	7.9	(0.2)	156.4	(2.4)	69.7	(2.3)	144.3	(1.7)	48.5	(1.4)	199.8	(4.8)	146.8	(5.1)	499.7	(5.2)	182.0	(4.7)			Belgium	31.8	(0.1)	6.1	(0.2)	216.9	(1.4)	70.6	(2.2)	217.8	(1.4)	61.6	(2.7)	192.2	(2.6)	109.4	(3.3)	633.7	(3.7)	171.6	(4.6)			Canada	19.4	(0.1)	7.8	(0.1)	313.8	(2.8)	122.0	(1.6)	316.1	(2.9)	126.2	(1.8)	306.2	(2.7)	132.1	(1.7)	936.8	(7.9)	330.0	(4.7)			Chile	30.1	(0.5)	15.0	(0.2)	397.6	(6.3)	189.7	(4.0)	374.4	(6.2)	179.5	(3.9)	295.7	(5.4)	194.7	(4.1)	1066.6	(15.6)	490.1	(9.9)			Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																							
Austria	33.2	(0.3)	7.9	(0.2)	156.4	(2.4)	69.7	(2.3)	144.3	(1.7)	48.5	(1.4)	199.8	(4.8)	146.8	(5.1)	499.7	(5.2)	182.0	(4.7)			Belgium	31.8	(0.1)	6.1	(0.2)	216.9	(1.4)	70.6	(2.2)	217.8	(1.4)	61.6	(2.7)	192.2	(2.6)	109.4	(3.3)	633.7	(3.7)	171.6	(4.6)			Canada	19.4	(0.1)	7.8	(0.1)	313.8	(2.8)	122.0	(1.6)	316.1	(2.9)	126.2	(1.8)	306.2	(2.7)	132.1	(1.7)	936.8	(7.9)	330.0	(4.7)			Chile	30.1	(0.5)	15.0	(0.2)	397.6	(6.3)	189.7	(4.0)	374.4	(6.2)	179.5	(3.9)	295.7	(5.4)	194.7	(4.1)	1066.6	(15.6)	490.1	(9.9)			Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																														
Belgium	31.8	(0.1)	6.1	(0.2)	216.9	(1.4)	70.6	(2.2)	217.8	(1.4)	61.6	(2.7)	192.2	(2.6)	109.4	(3.3)	633.7	(3.7)	171.6	(4.6)			Canada	19.4	(0.1)	7.8	(0.1)	313.8	(2.8)	122.0	(1.6)	316.1	(2.9)	126.2	(1.8)	306.2	(2.7)	132.1	(1.7)	936.8	(7.9)	330.0	(4.7)			Chile	30.1	(0.5)	15.0	(0.2)	397.6	(6.3)	189.7	(4.0)	374.4	(6.2)	179.5	(3.9)	295.7	(5.4)	194.7	(4.1)	1066.6	(15.6)	490.1	(9.9)			Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																					
Canada	19.4	(0.1)	7.8	(0.1)	313.8	(2.8)	122.0	(1.6)	316.1	(2.9)	126.2	(1.8)	306.2	(2.7)	132.1	(1.7)	936.8	(7.9)	330.0	(4.7)			Chile	30.1	(0.5)	15.0	(0.2)	397.6	(6.3)	189.7	(4.0)	374.4	(6.2)	179.5	(3.9)	295.7	(5.4)	194.7	(4.1)	1066.6	(15.6)	490.1	(9.9)			Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																												
Chile	30.1	(0.5)	15.0	(0.2)	397.6	(6.3)	189.7	(4.0)	374.4	(6.2)	179.5	(3.9)	295.7	(5.4)	194.7	(4.1)	1066.6	(15.6)	490.1	(9.9)			Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																			
Czech Republic	32.6	(0.1)	2.9	(0.1)	182.3	(1.9)	43.1	(1.5)	179.1	(1.5)	40.0	(1.3)	216.4	(3.2)	131.9	(3.8)	578.2	(4.4)	155.6	(4.2)			Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																										
Denmark	29.2	(0.2)	6.3	(0.2)	224.4	(3.0)	90.5	(4.6)	314.5	(4.1)	126.1	(6.2)	176.8	(2.3)	92.2	(3.5)	713.3	(7.0)	235.7	(8.8)			Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																	
Estonia	32.8	(0.1)	5.4	(0.2)	222.8	(1.0)	31.3	(1.4)	198.2	(1.2)	42.5	(4.8)	196.1	(2.5)	106.3	(2.2)	616.6	(3.4)	127.1	(3.3)			Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																								
Finland	29.3	(0.2)	3.9	(0.3)	175.5	(1.5)	38.8	(0.8)	152.2	(1.2)	37.1	(1.0)	188.6	(1.6)	70.0	(1.3)	513.6	(3.4)	104.7	(2.5)			France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																															
France	23.3	(0.3)	10.6	(0.1)	207.0	(2.2)	88.4	(3.0)	214.8	(1.9)	89.4	(2.6)	173.8	(2.7)	120.5	(3.1)	597.0	(5.1)	227.5	(6.0)			Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																						
Germany	32.9	(0.1)	3.7	(0.1)	196.8	(2.6)	75.7	(6.2)	190.8	(2.1)	67.5	(4.6)	254.8	(3.6)	106.8	(4.4)	639.8	(6.8)	187.5	(10.8)			Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																													
Greece	32.6	(0.0)	1.1	(0.0)	209.0	(0.7)	24.7	(0.6)	170.5	(0.6)	16.4	(0.6)	229.2	(1.6)	46.7	(0.9)	623.3	(2.4)	62.0	(1.7)			Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																				
Hungary	31.3	(0.2)	3.0	(0.1)	149.9	(1.7)	37.2	(1.1)	164.2	(1.6)	45.0	(1.4)	193.1	(3.7)	84.7	(2.9)	512.0	(5.1)	123.0	(4.1)			Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																											
Iceland	33.8	(0.2)	7.8	(0.2)	243.9	(1.9)	84.2	(4.0)	238.1	(2.0)	85.9	(5.0)	141.2	(1.5)	68.4	(2.4)	619.3	(4.2)	178.1	(6.6)			Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																		
Ireland	42.6	(0.2)	7.6	(0.2)	188.8	(1.2)	32.9	(0.8)	180.7	(1.2)	31.4	(0.7)	145.4	(1.9)	58.4	(2.4)	515.3	(3.3)	96.4	(2.3)			Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																									
Israel	35.2	(0.5)	10.9	(0.3)	254.2	(2.5)	89.6	(1.9)	192.4	(2.7)	84.5	(2.3)	196.5	(3.4)	124.4	(3.3)	628.6	(5.6)	196.1	(4.9)			Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																
Italy	30.2	(0.1)	3.1	(0.0)	232.0	(1.7)	59.5	(0.8)	277.4	(1.3)	80.0	(0.9)	135.5	(1.2)	61.5	(1.8)	645.9	(2.8)	130.7	(1.9)			Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																							
Japan	31.9	(0.2)	3.7	(0.2)	234.7	(3.0)	74.7	(1.9)	204.8	(2.1)	58.3	(1.9)	165.4	(3.1)	65.6	(2.4)	604.9	(6.3)	164.1	(5.0)			Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																														
Korea	34.9	(0.2)	10.0	(0.3)	213.3	(3.2)	64.5	(3.0)	203.8	(2.6)	57.8	(3.5)	199.4	(6.5)	96.1	(19.9)	616.5	(9.3)	171.6	(14.8)			Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Luxembourg	27.6	(0.1)	6.8	(0.1)	204.7	(0.8)	57.4	(1.0)	188.4	(0.8)	56.4	(1.1)	156.6	(1.1)	79.2	(1.0)	553.6	(1.9)	143.7	(2.8)			Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Mexico	23.6	(0.2)	13.9	(0.1)	253.2	(1.7)	113.6	(3.1)	232.1	(1.8)	120.9	(5.2)	251.8	(1.8)	141.5	(3.6)	734.4	(4.0)	286.2	(5.6)			Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Netherlands	30.9	(0.3)	6.1	(0.3)	170.7	(2.9)	100.0	(15.2)	168.8	(2.3)	82.9	(8.1)	164.7	(4.5)	152.2	(6.6)	500.6	(6.6)	243.3	(9.6)			New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
New Zealand	24.5	(0.2)	7.2	(0.2)	240.8	(2.0)	49.3	(2.6)	242.6	(2.0)	53.6	(4.4)	247.9	(3.5)	103.0	(8.3)	731.2	(6.4)	166.8	(9.4)			Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Norway	27.5	(0.3)	9.4	(0.7)	199.0	(2.4)	93.3	(13.8)	217.9	(2.2)	78.3	(5.6)	144.3	(1.7)	59.7	(3.3)	554.4	(4.4)	160.2	(8.4)			Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Poland	33.5	(0.1)	2.1	(0.1)	198.1	(1.7)	26.1	(1.1)	219.7	(1.6)	25.0	(1.1)	169.3	(2.5)	37.6	(1.3)	587.1	(3.7)	55.5	(2.3)			Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Portugal	24.5	(0.4)	9.7	(0.2)	288.0	(4.9)	110.3	(5.7)	237.6	(3.7)	94.8	(3.2)	237.9	(9.3)	194.6	(14.8)	788.2	(14.3)	297.0	(21.3)			Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Slovak Republic	31.8	(0.1)	3.0	(0.1)	180.8	(2.7)	62.6	(1.9)	179.3	(1.7)	49.1	(0.9)	161.6	(4.6)	129.8	(2.9)	510.7	(8.1)	184.8	(4.8)			Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Slovenia	32.0	(0.1)	7.9	(0.2)	160.3	(0.5)	25.7	(0.3)	168.9	(0.4)	22.3	(0.5)	184.9	(1.6)	76.0	(0.5)	513.7	(2.2)	98.6	(0.9)			Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Spain	30.9	(0.0)	1.5	(0.0)	210.3	(0.9)	46.0	(2.0)	203.3	(1.1)	49.3	(1.9)	184.3	(1.8)	96.0	(2.2)	598.1	(3.1)	143.6	(6.6)			Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Sweden	24.0	(0.3)	7.2	(0.2)	182.2	(2.2)	65.6	(4.9)	178.8	(2.9)	71.8	(5.1)	188.5	(2.6)	74.8	(3.9)	547.6	(6.2)	162.4	(13.0)			Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Switzerland	32.1	(0.3)	9.9	(0.6)	207.0	(2.6)	93.1	(6.2)	206.6	(3.1)	120.7	(9.8)	164.3	(3.7)	147.4	(12.2)	575.6	(5.5)	212.6	(10.6)			Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Turkey	34.7	(0.2)	4.3	(0.1)	171.9	(2.2)	72.1	(2.0)	198.9	(2.5)	72.0	(1.3)	166.9	(6.3)	125.0	(5.6)	537.3	(9.2)	197.9	(6.7)			United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
United Kingdom	27.2	(0.3)	7.6	(0.3)	230.0	(2.2)	88.9	(4.8)	231.8	(2.6)	86.4	(4.0)	295.0	(3.7)	126.7	(5.3)	746.2	(6.5)	223.9	(9.4)			United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
United States	19.7	(0.4)	14.0	(0.3)	254.1	(4.9)	131.9	(5.4)	257.7	(5.0)	145.0	(8.2)	254.9	(4.9)	137.2	(6.1)	764.6	(13.5)	349.2	(13.3)			OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
OECD average	29.9	(0.0)	7.0	(0.0)	217.8	(0.4)	73.0	(0.8)	214.7	(0.4)	72.4	(0.7)	200.2	(0.6)	104.8	(1.0)	632.3	(1.2)	188.7	(1.4)			<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
<b>Partners</b>																						Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Albania	25.5	(0.3)	9.6	(0.2)	170.8	(1.3)	47.9	(1.4)	176.2	(1.9)	57.5	(1.1)	148.8	(1.8)	85.8	(1.4)	496.0	(3.7)	135.8	(4.1)			Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Argentina	14.2	(0.3)	8.6	(0.2)	268.6	(6.3)	142.6	(3.2)	262.4	(7.0)	147.4	(4.2)	216.5	(6.2)	160.1	(6.8)	701.1	(13.3)	341.2	(9.2)			Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Brazil	21.6	(0.2)	11.1	(0.1)	214.7	(1.7)	94.4	(3.0)	208.0	(1.9)	91.8	(2.0)	161.6	(3.0)	106.2	(4.1)	582.5	(5.3)	227.1	(6.3)			Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Bulgaria	30.7	(0.2)	8.8	(0.2)	133.9	(3.0)	56.0	(3.9)	140.6	(1.5)	43.9	(2.1)	257.5	(3.3)	98.6	(7.5)	530.9	(5.1)	135.0	(7.0)			Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Colombia	22.6	(0.4)	10.6	(0.2)	262.6	(3.8)	136.0	(5.0)	231.7	(3.5)	113.2	(3.4)	205.0	(4.0)	122.7	(4.7)	702.0	(9.5)	309.3	(9.9)			Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Costa Rica	41.5	(0.8)	17.2	(0.4)	207.7	(2.5)	54.4	(1.9)	188.9	(1.9)	45.2	(1.5)	202.9	(2.4)	66.2	(1.9)	596.9	(5.0)	125.8	(3.8)			Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Croatia	32.4	(0.1)	3.9	(0.1)	147.1	(2.1)	44.8	(1.3)	164.4	(1.2)	34.3	(0.9)	182.2	(5.4)	119.9	(2.3)	494.7	(6.9)	157.7	(3.2)			Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Cyprus*	35.5	(0.0)	1.4	(0.0)	189.1	(0.4)	24.0	(0.7)	198.1	(0.5)	31.6	(0.7)	186.1	(0.6)	23.0	(1.0)	567.5	(1.4)	57.3	(2.4)			Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Hong Kong-China	40.7	(0.4)	5.8	(0.3)	267.6	(2.6)	72.7	(2.5)	279.7	(2.6)	75.4	(2.9)	235.4	(4.2)	158.0	(3.8)	781.9	(7.0)	230.5	(6.3)			Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Indonesia	17.8	(0.7)	13.9	(0.3)	209.4	(4.5)	136.8	(4.4)	181.9	(4.5)	138.2	(9.4)	198.9	(6.7)	165.4	(8.9)	584.5	(13.6)	382.2	(13.6)			Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Jordan	27.2	(0.3)	13.3	(0.2)	227.1	(2.0)	85.6	(11.0)	264.9	(2.5)	85.8	(6.9)	277.6	(3.1)	126.0	(8.8)	767.8	(4.4)	202.6	(10.6)			Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Kazakhstan	31.1	(0.4)	11.7	(0.2)	182.5	(4.1)	79.4	(8.1)	109.0	(2.4)	80.5	(7.0)	209.0	(6.8)	191.6	(10.2)	497.1	(10.6)	237.8	(14.3)			Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Latvia	35.5	(0.1)	1.9	(0.1)	224.4	(1.5)	42.2	(2.6)	157.7	(1.5)	44.8	(2.4)	229.6	(3.5)	113.7	(1.6)	610.1	(4.8)	136.3	(4.0)			Liechtenstein	36.2	(0.5)	7.5	(1.3)	210.7	(4.5)	64.4	(6.1)	201.5	(10.2)	147.9	(64.0)	166.5	(11.7)	168.2	(49.1)	579.4	(18.5)	266.5	(69.3)			Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Lithuania	32.4	(0.1)	1.4	(0.0)	171.8	(1.5)	36.8	(3.3)	203.4	(1.3)	34.6	(3.0)	320.7	(1.4)	58.5	(2.5)	694.8	(2.5)	73.2	(2.6)			Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Macao-China	40.8	(0.1)	3.6	(0.1)	275.0	(0.9)	58.4	(0.9)	265.2	(0.6)	46.6	(0.6)	188.7	(2.2)	131.9	(2.7)	726.5	(3.0)	172.7	(3.8)			Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Malaysia	30.7	(0.7)	17.4	(0.2)	201.2	(3.7)	97.3	(3.4)	202.2	(2.7)	77.8	(1.8)	188.6	(2.7)	91.0	(2.8)	579.9	(7.9)	229.2	(6.9)			Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Montenegro	26.9	(0.2)	10.0	(0.3)	142.2	(0.8)	50.8	(5.8)	149.6	(0.8)	45.7	(5.7)	105.2	(1.1)	64.0	(2.0)	398.0	(2.1)	121.5	(9.0)			Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Peru	25.0	(0.4)	14.1	(0.1)	287.0	(4.3)	152.6	(5.6)	259.3	(4.0)	138.0	(4.5)	215.0	(3.8)	125.0	(7.0)	750.1	(9.6)	333.2	(11.8)			Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Qatar	22.0	(0.2)	13.6	(0.1)	258.6	(0.7)	48.9	(0.8)	227.8	(0.8)	50.5	(0.6)	263.6	(1.3)	88.2	(1.2)	743.9	(2.3)	138.8	(1.8)			Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Romania	31.5	(0.1)	2.8	(0.1)	169.4	(1.9)	57.5	(2.2)	178.9	(1.4)	43.1	(1.1)	161.6	(5.0)	123.9	(2.3)	513.1	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														





[Part 1/10]  
**Students' learning time in school, by school features**  
 Results based on students' self-reports


Table IV.3.22

		Total class periods in a normal full week of school (class periods)													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	25.2	(0.4)	26.0	(0.3)	26.7	(0.3)	28.0	(0.2)	24.0	(0.4)	26.5	(0.3)	28.6	(0.4)
	Austria	31.7	(0.6)	34.0	(0.3)	33.7	(0.5)	33.6	(0.3)	32.7	(0.7)	33.5	(0.6)	33.3	(0.5)
	Belgium	31.3	(0.3)	31.7	(0.2)	31.9	(0.2)	32.1	(0.2)	30.8	(0.4)	32.0	(0.2)	32.2	(0.2)
	Canada	18.9	(0.2)	19.2	(0.3)	19.6	(0.2)	19.9	(0.3)	18.7	(0.5)	19.5	(0.2)	19.7	(0.3)
	Chile	27.8	(0.8)	30.2	(0.8)	30.0	(0.7)	32.6	(0.7)	27.9	(0.9)	30.4	(1.0)	32.4	(0.6)
	Czech Republic	32.5	(0.2)	32.5	(0.2)	32.6	(0.1)	32.9	(0.1)	32.6	(0.3)	32.4	(0.1)	33.4	(0.1)
	Denmark	28.9	(0.4)	28.8	(0.3)	29.4	(0.3)	29.8	(0.3)	29.1	(0.6)	28.9	(0.3)	30.1	(0.5)
	Estonia	32.3	(0.3)	32.9	(0.2)	32.6	(0.2)	33.4	(0.2)	32.4	(0.4)	32.7	(0.1)	33.4	(0.2)
	Finland	29.6	(0.3)	29.4	(0.3)	29.0	(0.3)	29.2	(0.3)	30.1	(0.2)	29.2	(0.3)	28.9	(0.5)
	France	21.2	(0.5)	22.4	(0.5)	24.1	(0.4)	25.4	(0.5)	21.3	(0.7)	22.7	(0.5)	25.3	(0.4)
	Germany	32.2	(0.2)	32.3	(0.2)	33.1	(0.2)	33.7	(0.2)	32.3	(0.2)	32.2	(0.2)	34.3	(0.3)
	Greece	32.8	(0.1)	32.6	(0.1)	32.5	(0.0)	32.5	(0.1)	33.3	(0.2)	32.3	(0.0)	32.5	(0.1)
	Hungary	30.7	(0.2)	31.1	(0.2)	31.5	(0.2)	32.0	(0.2)	30.5	(0.3)	31.2	(0.3)	32.1	(0.2)
	Iceland	33.3	(0.4)	33.8	(0.4)	33.8	(0.4)	34.4	(0.3)	33.3	(0.4)	33.4	(0.3)	34.7	(0.3)
	Ireland	41.7	(0.3)	42.7	(0.3)	42.9	(0.3)	42.9	(0.3)	41.3	(0.6)	43.1	(0.2)	42.2	(0.2)
	Israel	33.7	(0.6)	34.8	(0.7)	36.0	(0.8)	36.5	(0.6)	33.0	(0.6)	35.2	(0.9)	36.8	(0.7)
	Italy	30.9	(0.1)	30.5	(0.1)	30.0	(0.1)	29.2	(0.1)	31.7	(0.1)	30.4	(0.1)	28.5	(0.1)
	Japan	31.0	(0.3)	31.9	(0.2)	32.1	(0.2)	32.7	(0.3)	30.2	(0.4)	32.4	(0.3)	32.9	(0.4)
	Korea	33.9	(0.4)	34.6	(0.4)	34.9	(0.4)	36.4	(0.4)	32.5	(0.4)	35.8	(0.4)	35.9	(0.6)
	Luxembourg	26.1	(0.3)	27.3	(0.3)	28.2	(0.2)	28.6	(0.2)	26.5	(0.2)	28.6	(0.3)	28.5	(0.1)
	Mexico	20.9	(0.3)	23.7	(0.3)	23.9	(0.3)	25.8	(0.4)	21.4	(0.4)	23.6	(0.3)	26.0	(0.3)
	Netherlands	30.2	(0.4)	30.7	(0.5)	31.1	(0.3)	31.4	(0.4)	29.7	(0.8)	31.0	(0.4)	31.5	(0.5)
	New Zealand	22.6	(0.4)	24.4	(0.4)	24.9	(0.4)	26.0	(0.3)	21.9	(0.6)	24.4	(0.3)	27.1	(0.5)
	Norway	26.8	(0.5)	28.0	(0.5)	27.6	(0.5)	27.4	(0.4)	28.3	(0.6)	27.4	(0.3)	27.1	(0.6)
	Poland	33.5	(0.1)	33.5	(0.1)	33.3	(0.1)	33.6	(0.2)	33.8	(0.2)	33.1	(0.2)	33.8	(0.2)
	Portugal	24.7	(0.6)	24.8	(0.5)	24.9	(0.5)	23.6	(0.8)	26.7	(0.7)	23.6	(0.6)	23.3	(1.2)
	Slovak Republic	31.6	(0.2)	31.8	(0.2)	31.9	(0.2)	31.7	(0.2)	31.9	(0.3)	31.4	(0.2)	32.1	(0.2)
	Slovenia	30.6	(0.4)	31.9	(0.4)	32.9	(0.4)	32.7	(0.3)	30.7	(0.3)	32.3	(0.3)	33.4	(0.2)
	Spain	30.6	(0.1)	30.8	(0.0)	30.9	(0.1)	31.1	(0.1)	30.6	(0.1)	30.7	(0.1)	31.3	(0.2)
	Sweden	23.9	(0.4)	23.7	(0.4)	24.1	(0.4)	24.4	(0.3)	24.0	(0.6)	24.4	(0.4)	23.5	(0.6)
	Switzerland	31.7	(0.5)	31.4	(0.3)	31.6	(0.5)	33.6	(0.4)	31.9	(0.9)	31.7	(0.6)	33.0	(0.8)
	Turkey	34.0	(0.3)	34.6	(0.3)	34.8	(0.3)	35.4	(0.3)	33.5	(0.4)	35.1	(0.3)	35.3	(0.3)
United Kingdom	26.5	(0.4)	26.8	(0.5)	27.3	(0.4)	28.3	(0.4)	25.8	(0.8)	27.1	(0.4)	28.9	(0.6)	
United States	16.4	(0.7)	18.9	(0.6)	20.7	(0.8)	23.0	(0.6)	15.5	(0.7)	20.1	(0.7)	22.8	(0.8)	
OECD average	29.1	(0.1)	29.8	(0.1)	30.1	(0.1)	30.7	(0.1)	29.1	(0.1)	30.0	(0.1)	30.7	(0.1)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	12.5	(0.4)	13.3	(0.5)	14.8	(0.5)	16.1	(0.5)	11.8	(0.4)	13.7	(0.5)	16.9	(0.5)
	Brazil	20.0	(0.4)	20.2	(0.3)	22.2	(0.4)	24.2	(0.5)	19.7	(0.4)	20.7	(0.3)	25.1	(0.5)
	Bulgaria	28.9	(0.4)	30.6	(0.4)	30.8	(0.4)	32.4	(0.3)	28.3	(0.3)	30.8	(0.3)	32.8	(0.3)
	Colombia	22.3	(0.6)	22.0	(0.6)	22.1	(0.6)	23.9	(0.8)	22.4	(0.4)	21.9	(0.6)	23.8	(0.8)
	Costa Rica	38.8	(1.5)	41.8	(1.1)	41.8	(1.0)	43.7	(1.0)	39.4	(1.8)	41.2	(1.2)	44.5	(1.2)
	Croatia	31.5	(0.2)	32.1	(0.2)	32.6	(0.2)	33.1	(0.1)	31.6	(0.3)	32.3	(0.2)	33.4	(0.1)
	Cyprus*	35.3	(0.0)	35.5	(0.1)	35.5	(0.1)	35.9	(0.1)	35.3	(0.0)	35.2	(0.0)	36.2	(0.1)
	Hong Kong-China	40.1	(0.6)	40.4	(0.5)	41.0	(0.4)	41.4	(0.5)	40.6	(0.8)	40.3	(0.6)	41.6	(0.6)
	Indonesia	17.8	(1.0)	17.4	(1.2)	17.0	(1.1)	18.8	(0.9)	18.0	(1.0)	15.9	(1.0)	20.0	(1.4)
	Jordan	26.7	(0.5)	25.2	(0.5)	27.6	(0.5)	29.4	(0.5)	27.0	(0.6)	26.2	(0.3)	30.2	(0.5)
	Kazakhstan	29.8	(0.5)	30.4	(0.5)	31.5	(0.6)	32.6	(0.8)	30.8	(0.6)	29.4	(0.7)	33.7	(0.8)
	Latvia	35.3	(0.1)	35.4	(0.1)	35.6	(0.1)	35.8	(0.1)	35.1	(0.2)	35.3	(0.1)	36.1	(0.2)
	Liechtenstein	35.8	(0.9)	36.4	(0.5)	35.7	(1.5)	36.4	(1.3)	c	c	36.7	(0.8)	c	c
	Lithuania	32.4	(0.1)	32.3	(0.1)	32.5	(0.1)	32.4	(0.1)	32.2	(0.1)	32.4	(0.1)	32.5	(0.1)
	Macao-China	40.5	(0.1)	40.8	(0.1)	40.6	(0.1)	41.5	(0.1)	40.3	(0.1)	41.2	(0.1)	41.5	(0.1)
	Malaysia	28.5	(1.0)	28.7	(0.9)	32.5	(0.9)	33.2	(1.0)	27.7	(1.3)	29.3	(1.0)	35.5	(1.5)
	Montenegro	25.5	(0.4)	26.4	(0.4)	27.6	(0.4)	28.3	(0.4)	25.3	(0.3)	26.1	(0.4)	28.9	(0.3)
	Peru	23.0	(0.7)	23.7	(0.6)	25.3	(0.7)	28.0	(0.8)	22.9	(0.7)	23.1	(0.7)	28.2	(0.6)
	Qatar	20.3	(0.4)	22.9	(0.5)	22.9	(0.4)	22.1	(0.3)	22.6	(0.4)	20.7	(0.4)	22.2	(0.2)
	Romania	31.7	(0.2)	31.4	(0.2)	31.2	(0.1)	31.5	(0.2)	31.7	(0.2)	31.4	(0.1)	31.4	(0.2)
	Russian Federation	35.1	(0.2)	34.9	(0.1)	35.3	(0.2)	35.6	(0.2)	35.3	(0.2)	34.8	(0.2)	35.9	(0.2)
	Serbia	30.0	(0.4)	31.0	(0.3)	30.9	(0.3)	31.6	(0.3)	29.9	(0.4)	31.2	(0.3)	31.5	(0.2)
	Shanghai-China	39.4	(0.5)	40.7	(0.4)	42.3	(0.4)	42.7	(0.3)	37.2	(0.6)	42.5	(0.6)	43.5	(0.4)
	Singapore	45.0	(0.4)	45.4	(0.4)	45.7	(0.5)	46.3	(0.8)	46.1	(0.2)	43.9	(0.3)	48.1	(1.0)
	Chinese Taipei	38.2	(0.3)	39.2	(0.3)	40.2	(0.2)	41.0	(0.3)	38.2	(0.4)	39.7	(0.3)	41.0	(0.3)
	Thailand	34.7	(0.2)	35.7	(0.3)	36.2	(0.3)	37.0	(0.3)	34.4	(0.4)	36.1	(0.4)	37.6	(0.5)
	Tunisia	25.3	(0.7)	25.7	(0.7)	27.2	(0.7)	27.2	(0.6)	23.8	(0.7)	26.9	(0.6)	27.9	(0.6)
United Arab Emirates	25.6	(0.6)	27.6	(0.4)	28.4	(0.5)	28.5	(0.4)	26.2	(0.6)	27.9	(0.4)	27.9	(0.4)	
Uruguay	17.5	(0.8)	19.2	(0.8)	20.7	(0.8)	27.6	(1.3)	17.5	(0.8)	19.8	(0.7)	29.0	(1.5)	
Viet Nam	30.4	(0.3)	30.6	(0.2)	31.1	(0.3)	31.4	(0.6)	30.2	(0.2)	30.7	(0.4)	32.0	(0.9)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 2/10]  
**Students' learning time in school, by school features**  
 Results based on students' self-reports


Table IV.3.22

	Total class periods in a normal full week of school (class periods)													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
<b>OECD</b>														
Australia	24.7	(0.2)	28.9	(0.3)	26.9	(0.2)	24.9	(0.3)	25.8	(0.8)	26.3	(0.4)	26.6	(0.2)
Austria	33.1	(0.3)	34.6	(1.2)	28.6	(1.5)	33.4	(0.3)	34.7	(1.1)	33.7	(0.4)	32.0	(0.5)
Belgium	31.6	(0.3)	31.9	(0.2)	26.3	(0.7)	32.1	(0.1)	28.3	(1.3)	32.0	(0.1)	31.1	(0.3)
Canada	19.1	(0.1)	22.1	(0.6)	21.5	(0.3)	19.1	(0.2)	21.1	(0.4)	20.1	(0.2)	18.6	(0.2)
Chile	27.3	(1.0)	31.6	(0.5)	18.3	(1.6)	30.7	(0.4)	25.3	(2.0)	30.5	(0.8)	30.1	(0.6)
Czech Republic	32.6	(0.1)	33.0	(0.4)	32.1	(0.1)	33.3	(0.2)	32.0	(0.4)	32.7	(0.1)	32.7	(0.3)
Denmark	29.2	(0.2)	28.8	(0.7)	29.2	(0.2)	c	c	27.8	(0.7)	29.5	(0.3)	29.3	(0.7)
Estonia	32.8	(0.1)	32.4	(1.3)	32.7	(0.1)	35.8	(0.6)	32.2	(0.3)	32.9	(0.2)	33.2	(0.2)
Finland	29.4	(0.2)	26.7	(1.8)	29.3	(0.2)	c	c	30.4	(0.3)	29.3	(0.3)	29.0	(0.3)
France	23.0	(0.3)	24.4	(0.6)	21.0	(0.6)	24.1	(0.3)	23.0	(0.8)	23.1	(0.3)	23.8	(0.7)
Germany	32.7	(0.1)	33.8	(1.1)	32.9	(0.1)	33.0	(0.7)	c	c	32.5	(0.2)	33.5	(0.3)
Greece	32.5	(0.0)	c	c	34.5	(0.1)	32.5	(0.0)	32.5	(0.2)	32.5	(0.1)	32.6	(0.1)
Hungary	31.2	(0.2)	32.3	(0.4)	28.9	(0.3)	31.6	(0.2)	28.3	(0.9)	31.1	(0.2)	31.9	(0.3)
Iceland	33.8	(0.2)	c	c	33.8	(0.2)	c	c	33.0	(0.4)	33.9	(0.3)	34.1	(0.3)
Ireland	42.7	(0.3)	42.6	(0.2)	42.5	(0.2)	42.6	(0.3)	43.0	(0.3)	43.1	(0.2)	41.2	(0.4)
Israel	35.2	(0.5)	c	c	32.5	(0.9)	35.6	(0.5)	33.9	(1.1)	34.9	(0.7)	36.1	(0.9)
Italy	30.1	(0.1)	30.6	(0.4)	30.9	(0.3)	30.1	(0.1)	32.0	(0.4)	30.0	(0.1)	30.1	(0.1)
Japan	31.1	(0.2)	33.8	(0.4)	c	c	31.9	(0.2)	c	c	31.5	(0.2)	32.1	(0.2)
Korea	34.3	(0.4)	35.8	(0.4)	30.3	(0.5)	35.2	(0.3)	c	c	36.3	(0.7)	34.8	(0.3)
Luxembourg	27.7	(0.1)	26.9	(0.4)	26.6	(0.2)	28.8	(0.1)	c	c	27.5	(0.1)	c	c
Mexico	23.1	(0.2)	26.8	(0.9)	22.3	(0.4)	24.3	(0.2)	18.5	(0.5)	24.5	(0.3)	24.5	(0.3)
Netherlands	30.8	(0.6)	30.9	(0.4)	30.9	(0.4)	30.8	(0.4)	c	c	30.8	(0.3)	31.1	(0.8)
New Zealand	24.2	(0.2)	27.8	(1.4)	23.5	(0.7)	24.5	(0.2)	22.5	(1.0)	23.8	(0.3)	25.2	(0.4)
Norway	27.4	(0.3)	c	c	27.4	(0.3)	c	c	27.5	(0.9)	27.4	(0.3)	27.8	(0.5)
Poland	33.4	(0.1)	35.8	(0.6)	33.5	(0.1)	c	c	33.7	(0.2)	33.3	(0.2)	33.6	(0.1)
Portugal	24.6	(0.5)	23.7	(1.6)	26.3	(0.4)	23.2	(0.6)	27.3	(1.6)	24.6	(0.5)	23.1	(1.0)
Slovak Republic	31.7	(0.1)	32.2	(0.5)	30.4	(0.1)	32.7	(0.1)	30.1	(0.4)	31.9	(0.1)	32.1	(0.2)
Slovenia	32.1	(0.1)	32.1	(1.0)	24.8	(1.5)	32.5	(0.1)	25.9	(2.7)	32.3	(0.2)	32.1	(0.3)
Spain	30.6	(0.0)	31.4	(0.1)	30.9	(0.0)	c	c	30.7	(0.1)	30.8	(0.1)	30.9	(0.1)
Sweden	24.8	(0.3)	19.8	(1.1)	24.2	(0.3)	17.6	(0.8)	24.4	(0.6)	24.0	(0.4)	23.9	(0.5)
Switzerland	32.1	(0.3)	31.0	(2.3)	33.6	(0.2)	27.4	(0.6)	31.9	(1.0)	32.4	(0.4)	30.6	(1.4)
Turkey	34.6	(0.2)	c	c	30.6	(0.4)	34.8	(0.2)	33.7	(0.8)	34.8	(0.4)	34.6	(0.3)
United Kingdom	27.3	(0.3)	27.5	(0.7)	c	c	27.2	(0.3)	26.8	(1.1)	27.6	(0.5)	27.0	(0.7)
United States	19.6	(0.4)	23.2	(2.1)	14.0	(0.9)	20.5	(0.4)	22.0	(2.0)	20.2	(0.6)	18.5	(0.7)
OECD average	29.7	(0.1)	30.1	(0.2)	28.5	(0.1)	29.7	(0.1)	28.9	(0.2)	30.1	(0.1)	29.9	(0.1)
<b>Partners</b>														
Albania	25.3	(0.3)	26.9	(1.1)	25.6	(0.4)	25.5	(0.4)	23.9	(0.7)	26.2	(0.3)	25.7	(0.4)
Argentina	13.1	(0.4)	16.2	(0.5)	12.5	(0.5)	15.1	(0.4)	14.0	(1.5)	13.9	(0.4)	14.6	(0.4)
Brazil	20.6	(0.2)	25.5	(0.6)	18.1	(0.4)	22.4	(0.2)	20.3	(1.4)	20.7	(0.3)	22.6	(0.3)
Bulgaria	30.7	(0.2)	c	c	25.8	(1.3)	30.9	(0.2)	27.9	(1.4)	30.4	(0.3)	31.5	(0.3)
Colombia	22.2	(0.3)	25.1	(1.5)	21.2	(0.4)	23.4	(0.4)	22.7	(0.7)	23.0	(0.6)	22.4	(0.5)
Costa Rica	41.1	(0.9)	45.2	(1.3)	37.0	(0.9)	47.5	(0.9)	42.2	(1.5)	41.0	(1.2)	42.3	(1.8)
Croatia	32.3	(0.1)	c	c	c	c	32.4	(0.1)	c	c	32.1	(0.2)	32.7	(0.2)
Cyprus*	35.2	(0.0)	37.4	(0.1)	36.7	(0.1)	35.5	(0.0)	35.7	(0.1)	35.5	(0.0)	35.7	(0.1)
Hong Kong-China	39.8	(1.1)	40.7	(0.4)	40.3	(0.5)	40.9	(0.4)	c	c	c	c	40.7	(0.4)
Indonesia	18.9	(0.8)	16.3	(1.1)	17.8	(0.9)	17.7	(0.9)	15.8	(1.0)	18.6	(0.9)	19.0	(1.7)
Jordan	26.5	(0.3)	30.5	(0.7)	27.2	(0.3)	c	c	28.0	(1.0)	26.4	(0.4)	27.9	(0.4)
Kazakhstan	31.4	(0.4)	20.7	(2.1)	31.6	(0.4)	29.6	(0.8)	30.0	(0.6)	31.5	(0.6)	31.8	(0.8)
Latvia	35.5	(0.1)	c	c	35.5	(0.1)	36.1	(0.3)	35.2	(0.1)	35.6	(0.1)	35.7	(0.2)
Liechtenstein	35.9	(0.6)	c	c	36.1	(0.5)	c	c	c	c	36.2	(0.5)	c	c
Lithuania	32.4	(0.1)	c	c	32.4	(0.1)	c	c	32.2	(0.1)	32.3	(0.1)	32.6	(0.1)
Macao-China	c	c	40.9	(0.1)	40.5	(0.1)	41.2	(0.1)	c	c	c	c	40.8	(0.1)
Malaysia	30.1	(0.7)	49.3	(3.7)	33.8	(2.0)	30.7	(0.7)	26.6	(2.2)	30.8	(1.0)	32.5	(1.4)
Montenegro	26.9	(0.2)	c	c	c	c	26.9	(0.2)	c	c	26.8	(0.2)	27.0	(0.4)
Peru	24.0	(0.4)	27.3	(1.1)	20.7	(0.8)	26.4	(0.4)	22.9	(0.9)	24.3	(0.6)	26.4	(0.6)
Qatar	19.3	(0.2)	25.3	(0.3)	19.5	(0.5)	22.5	(0.2)	18.3	(0.5)	21.1	(0.3)	23.5	(0.3)
Romania	31.5	(0.1)	c	c	31.5	(0.1)	c	c	31.8	(0.3)	31.5	(0.1)	31.4	(0.1)
Russian Federation	35.2	(0.1)	c	c	35.1	(0.1)	35.9	(0.2)	34.9	(0.3)	35.0	(0.2)	35.5	(0.2)
Serbia	30.8	(0.2)	c	c	c	c	30.9	(0.2)	c	c	30.8	(0.3)	31.0	(0.3)
Shanghai-China	41.2	(0.3)	42.4	(1.2)	43.7	(0.5)	39.5	(0.3)	c	c	c	c	41.3	(0.3)
Singapore	46.4	(0.2)	c	c	42.9	(1.1)	45.7	(0.2)	c	c	c	c	45.9	(0.2)
Chinese Taipei	39.5	(0.2)	39.9	(0.4)	41.1	(0.3)	38.9	(0.2)	c	c	39.8	(0.4)	39.5	(0.2)
Thailand	35.9	(0.2)	36.1	(0.6)	34.4	(0.3)	36.3	(0.2)	34.3	(0.5)	36.2	(0.3)	36.2	(0.5)
Tunisia	26.4	(0.3)	c	c	23.7	(0.6)	27.6	(0.4)	23.6	(1.4)	26.4	(0.4)	26.7	(0.6)
United Arab Emirates	27.9	(0.4)	27.3	(0.4)	20.6	(0.6)	28.6	(0.2)	29.8	(0.7)	27.4	(0.5)	27.3	(0.3)
Uruguay	19.0	(0.5)	30.6	(1.9)	17.6	(1.0)	23.3	(0.7)	16.5	(2.2)	19.4	(0.7)	24.7	(1.1)
Viet Nam	30.7	(0.2)	33.4	(1.9)	29.2	(0.4)	31.0	(0.3)	30.9	(0.3)	30.2	(0.5)	31.6	(0.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 3/10]  
**Students' learning time in school, by school features**  
*Results based on students' self-reports*

Table IV.3.22

		Time spent per week in regular school lessons in mathematics (minutes)													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	234.9	(1.7)	234.1	(1.6)	238.6	(1.7)	237.6	(1.6)	234.5	(2.3)	237.3	(1.3)	236.0	(2.2)
	Austria	157.6	(3.9)	157.8	(3.1)	154.4	(3.4)	155.3	(2.7)	<b>173.0</b>	(6.8)	144.4	(5.7)	<b>156.3</b>	(2.9)
	Belgium	<b>202.6</b>	(2.5)	209.0	(2.9)	224.6	(2.7)	<b>232.0</b>	(2.0)	<b>195.0</b>	(3.8)	212.9	(3.2)	<b>233.9</b>	(2.3)
	Canada	307.2	(4.5)	311.3	(3.8)	319.1	(4.0)	317.5	(4.6)	300.4	(7.9)	321.4	(3.3)	308.6	(6.5)
	Chile	399.0	(9.9)	402.5	(8.4)	414.2	(10.2)	375.5	(9.1)	405.4	(9.0)	397.5	(12.8)	388.9	(11.6)
	Czech Republic	179.7	(3.1)	182.1	(2.7)	184.3	(2.1)	183.1	(2.4)	171.2	(7.1)	187.7	(2.7)	177.8	(3.1)
	Denmark	226.1	(5.3)	219.3	(4.0)	228.3	(4.3)	223.5	(3.3)	221.9	(5.9)	223.7	(4.3)	228.3	(4.3)
	Estonia	221.1	(1.5)	222.1	(1.6)	222.7	(1.5)	225.3	(1.6)	221.8	(2.0)	222.3	(1.6)	225.4	(1.7)
	Finland	<b>172.9</b>	(1.7)	175.6	(1.9)	176.1	(2.0)	<b>177.2</b>	(2.1)	173.6	(3.2)	175.6	(2.1)	176.4	(2.9)
	France	<b>199.2</b>	(4.0)	197.7	(4.0)	213.2	(4.2)	<b>218.3</b>	(3.6)	<b>197.5</b>	(5.8)	203.0	(3.6)	<b>218.4</b>	(3.6)
	Germany	<b>200.7</b>	(3.7)	202.9	(4.3)	195.6	(3.5)	<b>188.8</b>	(3.7)	<b>217.4</b>	(5.6)	194.2	(3.3)	<b>185.3</b>	(4.6)
	Greece	<b>204.5</b>	(1.9)	208.5	(1.2)	210.1	(1.0)	<b>212.9</b>	(1.1)	<b>197.5</b>	(2.9)	210.2	(1.0)	<b>213.1</b>	(1.0)
	Hungary	148.2	(2.9)	149.4	(2.7)	150.4	(2.2)	151.6	(2.4)	145.0	(3.7)	155.2	(2.8)	<b>148.3</b>	(2.8)
	Iceland	241.5	(4.0)	239.9	(3.9)	248.9	(3.7)	246.8	(3.7)	247.2	(4.3)	243.9	(2.6)	242.0	(3.1)
	Ireland	187.5	(1.9)	188.4	(1.6)	189.9	(1.9)	188.8	(1.8)	189.4	(2.6)	188.6	(1.5)	188.7	(2.5)
	Israel	<b>245.2</b>	(4.1)	252.0	(4.6)	256.2	(4.4)	<b>263.8</b>	(4.6)	<b>240.3</b>	(4.3)	261.2	(4.0)	<b>257.1</b>	(4.6)
	Italy	230.3	(1.5)	230.8	(1.6)	232.1	(2.0)	234.9	(3.2)	232.7	(1.8)	225.6	(2.0)	240.0	(4.4)
	Japan	<b>207.6</b>	(4.5)	227.5	(3.7)	241.9	(3.7)	<b>262.3</b>	(4.8)	<b>183.4</b>	(5.4)	236.5	(5.1)	<b>283.7</b>	(4.8)
	Korea	<b>201.8</b>	(3.4)	210.4	(3.7)	215.0	(3.9)	<b>226.1</b>	(6.0)	<b>181.4</b>	(5.2)	219.9	(4.7)	<b>233.6</b>	(9.5)
	Luxembourg	206.7	(2.0)	199.8	(2.2)	202.3	(2.2)	209.4	(1.6)	<b>202.4</b>	(1.3)	199.8	(2.2)	<b>209.4</b>	(1.1)
	Mexico	<b>248.5</b>	(2.9)	254.2	(2.2)	251.1	(2.6)	<b>259.4</b>	(3.0)	253.4	(2.9)	252.2	(2.7)	254.2	(2.8)
	Netherlands	176.4	(4.9)	165.0	(4.1)	173.6	(5.3)	167.8	(3.7)	188.2	(8.2)	164.1	(2.2)	171.0	(8.8)
	New Zealand	240.6	(3.8)	239.2	(2.3)	239.3	(2.8)	244.9	(2.2)	245.5	(4.5)	237.3	(2.6)	244.8	(3.2)
	Norway	198.0	(4.4)	200.2	(5.9)	197.4	(6.0)	200.3	(4.0)	207.8	(9.2)	198.1	(3.0)	198.5	(3.9)
	Poland	<b>193.9</b>	(1.8)	196.7	(2.0)	199.1	(2.3)	<b>202.4</b>	(2.2)	<b>191.5</b>	(2.6)	198.0	(2.7)	<b>206.6</b>	(3.4)
	Portugal	280.9	(8.3)	282.8	(7.3)	288.9	(5.7)	299.5	(7.9)	287.3	(11.2)	282.9	(4.4)	299.7	(12.7)
	Slovak Republic	182.0	(4.9)	172.7	(4.1)	181.3	(4.1)	187.3	(2.9)	167.7	(8.7)	187.5	(4.9)	180.9	(4.1)
	Slovenia	<b>151.4</b>	(1.1)	155.9	(1.2)	163.3	(1.0)	<b>170.8</b>	(0.9)	<b>144.1</b>	(1.2)	158.1	(0.9)	<b>178.0</b>	(0.3)
	Spain	214.0	(1.7)	208.4	(1.3)	208.9	(1.4)	209.7	(1.6)	215.5	(2.4)	205.9	(1.7)	211.9	(2.3)
	Sweden	186.3	(4.2)	179.0	(2.9)	183.5	(3.0)	179.3	(3.3)	184.9	(3.8)	180.7	(2.9)	180.3	(5.7)
Switzerland	<b>217.2</b>	(4.6)	205.0	(3.9)	202.8	(4.1)	<b>203.0</b>	(3.2)	<b>218.8</b>	(4.1)	207.8	(4.8)	<b>194.1</b>	(4.5)	
Turkey	<b>155.8</b>	(3.0)	166.5	(3.5)	172.7	(3.6)	<b>192.5</b>	(4.5)	<b>152.1</b>	(4.0)	161.4	(3.5)	<b>207.7</b>	(5.6)	
United Kingdom	<b>233.0</b>	(3.1)	236.5	(4.2)	225.3	(3.1)	<b>223.4</b>	(4.1)	<b>242.1</b>	(4.6)	226.4	(3.0)	<b>225.7</b>	(5.3)	
United States	<b>245.3</b>	(8.5)	244.2	(7.0)	255.9	(6.9)	<b>270.7</b>	(5.9)	239.0	(11.2)	259.1	(6.3)	259.6	(6.9)	
OECD average	<b>214.6</b>	(0.7)	215.5	(0.7)	219.4	(0.7)	<b>221.8</b>	(0.7)	<b>213.8</b>	(1.0)	217.1	(0.7)	<b>222.5</b>	(0.9)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>233.1</b>	(8.3)	264.2	(8.9)	277.4	(7.2)	<b>299.9</b>	(12.1)	<b>229.1</b>	(8.7)	264.4	(8.7)	<b>305.3</b>	(13.1)
	Brazil	<b>205.9</b>	(2.7)	211.5	(2.8)	214.0	(3.1)	<b>226.7</b>	(3.0)	<b>205.9</b>	(2.6)	214.8	(3.5)	<b>224.7</b>	(3.2)
	Bulgaria	<b>127.7</b>	(2.6)	129.9	(3.1)	132.9	(3.8)	<b>144.4</b>	(5.8)	<b>126.5</b>	(3.3)	126.4	(4.4)	<b>146.5</b>	(7.0)
	Colombia	254.0	(7.3)	257.5	(6.0)	267.8	(6.3)	271.2	(6.7)	263.3	(8.0)	251.6	(6.2)	275.7	(7.2)
	Costa Rica	<b>201.1</b>	(3.2)	198.3	(3.6)	208.9	(4.0)	<b>222.3</b>	(3.8)	<b>200.1</b>	(2.9)	198.5	(4.0)	<b>236.3</b>	(4.6)
	Croatia	<b>134.9</b>	(2.5)	140.8	(2.3)	147.4	(3.1)	<b>165.5</b>	(3.3)	<b>133.3</b>	(2.7)	141.2	(3.3)	<b>177.7</b>	(4.7)
	Cyprus*	<b>187.1</b>	(1.0)	187.6	(1.0)	189.1	(1.0)	<b>192.6</b>	(1.0)	<b>188.5</b>	(0.9)	186.3	(0.5)	<b>193.5</b>	(0.9)
	Hong Kong-China	265.5	(3.4)	265.8	(3.5)	264.9	(3.0)	273.5	(5.3)	264.3	(4.2)	271.6	(3.8)	265.5	(6.3)
	Indonesia	<b>199.2</b>	(6.7)	202.3	(5.5)	209.0	(7.9)	<b>227.1</b>	(9.9)	<b>198.4</b>	(5.3)	205.4	(7.8)	<b>229.6</b>	(10.1)
	Jordan	227.6	(4.3)	224.9	(4.8)	228.1	(3.2)	227.6	(3.6)	222.8	(2.9)	227.0	(3.0)	231.9	(5.0)
	Kazakhstan	<b>168.2</b>	(3.0)	174.2	(3.4)	182.9	(5.6)	<b>204.9</b>	(9.0)	<b>164.5</b>	(3.8)	170.0	(2.6)	<b>213.7</b>	(11.1)
	Latvia	<b>218.5</b>	(2.5)	221.8	(2.3)	224.5	(2.6)	<b>232.5</b>	(2.0)	<b>217.7</b>	(3.6)	220.4	(2.2)	<b>235.3</b>	(2.5)
	Liechtenstein	225.8	(16.3)	216.8	(9.1)	191.2	(7.1)	207.2	(10.0)	c	c	229.1	(6.8)	c	c
	Lithuania	169.7	(1.7)	171.2	(2.1)	171.2	(1.6)	175.4	(2.9)	168.4	(2.7)	170.7	(1.9)	177.4	(3.5)
	Macao-China	<b>269.2</b>	(2.2)	278.1	(2.2)	275.0	(1.8)	<b>277.9</b>	(1.9)	<b>267.2</b>	(1.3)	285.0	(2.0)	<b>282.6</b>	(1.4)
	Malaysia	<b>190.3</b>	(4.4)	188.0	(4.4)	203.9	(5.9)	<b>222.8</b>	(6.9)	<b>185.4</b>	(5.4)	191.3	(4.8)	<b>231.3</b>	(9.4)
	Montenegro	<b>131.7</b>	(1.8)	137.3	(2.0)	146.8	(2.4)	<b>153.1</b>	(1.5)	<b>127.9</b>	(1.1)	138.6	(1.9)	<b>158.8</b>	(1.5)
	Peru	282.8	(8.2)	269.4	(7.2)	290.2	(10.0)	305.7	(8.4)	<b>267.4</b>	(6.5)	276.3	(7.0)	<b>313.4</b>	(8.5)
	Qatar	<b>257.8</b>	(1.5)	261.8	(1.7)	262.2	(1.5)	<b>253.0</b>	(1.6)	<b>263.7</b>	(1.4)	252.1	(1.4)	<b>258.4</b>	(1.0)
	Romania	<b>168.5</b>	(2.3)	165.2	(2.5)	164.9	(3.2)	<b>179.2</b>	(3.9)	167.5	(3.0)	168.8	(3.4)	172.1	(4.4)
	Russian Federation	<b>211.7</b>	(3.3)	223.0	(3.3)	223.3	(3.6)	<b>232.4</b>	(4.0)	222.3	(5.1)	216.7	(3.6)	232.8	(4.8)
	Serbia	<b>148.4</b>	(2.0)	151.6	(1.7)	153.6	(1.9)	<b>164.3</b>	(2.3)	<b>148.7</b>	(2.6)	149.1	(2.2)	<b>171.4</b>	(2.7)
	Shanghai-China	263.9	(5.2)	264.0	(4.8)	274.8	(5.0)	274.9	(4.5)	<b>245.0</b>	(9.3)	281.0	(6.9)	<b>278.1</b>	(6.3)
	Singapore	<b>270.0</b>	(2.8)	285.1	(3.0)	295.9	(3.4)	<b>300.2</b>	(3.4)	<b>272.3</b>	(2.0)	291.3	(2.3)	<b>300.7</b>	(3.4)
	Chinese Taipei	<b>213.6</b>	(3.3)	236.7	(3.7)	250.5	(3.5)	<b>270.3</b>	(4.0)	<b>204.7</b>	(6.2)	242.1	(5.3)	<b>283.5</b>	(4.9)
	Thailand	<b>194.3</b>	(4.2)	196.4	(4.0)	204.1	(4.6)	<b>229.7</b>	(5.8)	<b>189.7</b>	(4.7)	197.2	(5.1)	<b>236.0</b>	(6.5)
Tunisia	<b>261.5</b>	(6.4)	273.6	(8.2)	283.1	(8.2)	<b>285.0</b>	(7.9)	<b>262.3</b>	(6.4)	277.0	(7.1)	<b>288.0</b>	(7.1)	
United Arab Emirates	311.0	(5.9)	314.6	(4.4)	315.1	(6.3)	304.0	(6.2)	<b>327.2</b>	(9.8)	318.3	(5.4)	<b>292.2</b>	(5.9)	
Uruguay	154.7	(3.0)	152.6	(3.3)	155.7	(3.2)	160.0	(3.4)	152.9	(2.9)	159.6	(3.5)	154.4	(3.9)	
Viet Nam	<b>219.5</b>	(5.1)	218.5	(5.1)	229.3	(5.1)	<b>239.0</b>	(5.3)	<b>217.8</b>	(5.0)	229.0	(7.5)	<b>236.6</b>	(7.1)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 4/10]  
**Students' learning time in school, by school features**  
*Results based on students' self-reports*


Table IV.3.22

	Time spent per week in regular school lessons in mathematics (minutes)													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
<b>OECD</b>														
Australia	237.8	(1.4)	233.6	(1.6)	<b>234.4</b>	(1.0)	<b>244.4</b>	(2.6)	237.1	(3.6)	236.6	(2.1)	236.1	(1.2)
Austria	<b>158.0</b>	(2.6)	<b>139.8</b>	(6.9)	<b>191.5</b>	(4.9)	<b>155.0</b>	(2.5)	143.9	(8.9)	157.4	(3.6)	158.6	(5.1)
Belgium	218.2	(2.8)	214.2	(2.4)	<b>246.0</b>	(7.0)	<b>214.9</b>	(1.4)	213.8	(13.8)	215.2	(2.0)	220.5	(4.7)
Canada	<b>317.9</b>	(2.8)	<b>271.3</b>	(13.2)	<b>297.4</b>	(4.6)	<b>316.5</b>	(3.1)	311.6	(6.3)	313.1	(3.8)	314.7	(4.2)
Chile	407.8	(10.0)	394.9	(8.2)	354.1	(32.6)	399.3	(6.4)	385.1	(23.1)	423.3	(9.0)	<b>382.0</b>	(9.1)
Czech Republic	<b>184.0</b>	(2.4)	<b>150.5</b>	(6.4)	<b>201.6</b>	(1.7)	<b>159.5</b>	(3.4)	<b>217.2</b>	(5.5)	176.8	(2.7)	182.2	(4.5)
Denmark	221.7	(3.3)	235.8	(8.0)	224.2	(3.0)	c	c	233.1	(10.1)	222.2	(2.9)	225.6	(4.5)
Estonia	222.8	(1.1)	224.7	(4.0)	<b>223.3</b>	(1.1)	<b>195.6</b>	(12.1)	223.8	(2.7)	223.5	(1.3)	220.8	(2.3)
Finland	<b>175.0</b>	(1.6)	<b>191.6</b>	(3.0)	175.4	(1.5)	c	c	169.3	(4.7)	174.8	(2.1)	178.9	(2.5)
France	206.6	(2.5)	207.6	(4.5)	202.4	(4.4)	208.6	(2.3)	198.7	(6.8)	208.0	(2.8)	207.1	(5.4)
Germany	196.6	(2.7)	184.6	(11.8)	197.5	(2.4)	169.8	(30.8)	c	c	195.7	(3.1)	196.6	(5.1)
Greece	209.0	(0.7)	c	c	<b>173.3</b>	(3.6)	<b>210.2</b>	(0.6)	208.6	(2.5)	208.8	(1.1)	209.8	(1.4)
Hungary	149.4	(1.8)	151.1	(5.9)	<b>167.4</b>	(3.9)	<b>147.7</b>	(2.0)	156.3	(8.7)	150.6	(2.6)	148.0	(2.9)
Iceland	243.6	(1.9)	c	c	243.9	(1.9)	c	c	237.6	(3.3)	242.1	(2.6)	250.2	(3.9)
Ireland	189.7	(1.6)	187.5	(1.7)	<b>195.3</b>	(1.2)	<b>178.0</b>	(2.0)	188.4	(2.1)	189.0	(1.8)	188.7	(2.0)
Israel	254.9	(2.4)	c	c	260.5	(6.4)	253.2	(2.6)	<b>242.7</b>	(5.6)	256.8	(3.7)	257.6	(4.4)
Italy	<b>232.9</b>	(1.8)	<b>218.5</b>	(6.7)	<b>289.8</b>	(6.0)	<b>231.1</b>	(1.8)	219.4	(8.4)	233.0	(2.1)	231.9	(3.2)
Japan	<b>226.3</b>	(3.1)	<b>254.6</b>	(7.9)	c	c	234.7	(3.0)	c	c	217.3	(6.3)	<b>241.3</b>	(4.2)
Korea	211.9	(4.0)	215.2	(5.3)	<b>163.5</b>	(5.1)	<b>216.4</b>	(3.3)	c	c	209.7	(6.1)	214.0	(3.6)
Luxembourg	204.2	(0.9)	207.6	(2.4)	<b>216.9</b>	(1.0)	<b>187.4</b>	(1.3)	c	c	204.8	(0.8)	c	c
Mexico	252.9	(1.6)	260.9	(6.9)	250.3	(2.6)	254.9	(2.2)	253.6	(3.9)	256.4	(2.7)	250.2	(2.6)
Netherlands	169.2	(4.1)	172.3	(5.1)	<b>175.0</b>	(4.1)	<b>161.4</b>	(3.0)	c	c	168.0	(3.2)	179.9	(9.6)
New Zealand	239.9	(2.1)	256.1	(12.6)	<b>215.6</b>	(3.5)	<b>242.5</b>	(2.1)	240.6	(8.4)	235.6	(2.5)	<b>243.7</b>	(3.0)
Norway	199.5	(2.5)	c	c	199.1	(2.4)	c	c	196.4	(5.1)	198.4	(3.7)	204.8	(4.8)
Poland	<b>197.2</b>	(1.7)	<b>220.9</b>	(3.6)	198.2	(1.7)	c	c	192.1	(3.3)	195.4	(2.4)	<b>212.2</b>	(3.8)
Portugal	287.9	(5.4)	286.6	(11.2)	290.5	(5.7)	286.0	(7.3)	330.7	(39.6)	286.8	(4.6)	278.6	(10.1)
Slovak Republic	182.4	(2.8)	164.4	(16.2)	<b>230.1</b>	(1.7)	<b>141.7</b>	(3.5)	<b>230.1</b>	(2.9)	174.2	(3.9)	168.3	(9.1)
Slovenia	<b>160.2</b>	(0.5)	<b>178.3</b>	(0.7)	<b>176.3</b>	(1.8)	<b>159.3</b>	(0.5)	<b>175.6</b>	(1.7)	161.7	(0.5)	<b>158.5</b>	(0.9)
Spain	208.7	(1.0)	212.8	(1.8)	210.3	(0.9)	c	c	202.2	(6.0)	209.2	(1.5)	212.0	(2.4)
Sweden	182.3	(1.9)	181.6	(11.7)	<b>180.9</b>	(2.1)	<b>239.5</b>	(20.8)	180.0	(2.7)	181.5	(3.3)	185.2	(4.6)
Switzerland	207.7	(2.7)	203.0	(14.5)	<b>220.9</b>	(2.2)	<b>161.5</b>	(6.9)	217.4	(9.3)	210.7	(3.0)	<b>188.5</b>	(8.1)
Turkey	171.0	(2.2)	c	c	170.1	(8.4)	171.9	(2.2)	189.7	(8.3)	175.1	(5.0)	168.3	(4.0)
United Kingdom	228.7	(2.6)	230.6	(4.3)	c	c	230.0	(2.2)	<b>239.9</b>	(6.6)	225.6	(2.7)	235.7	(5.6)
United States	255.4	(5.2)	245.1	(21.4)	239.4	(11.2)	255.9	(4.9)	<b>228.1</b>	(6.1)	266.7	(6.8)	<b>245.2</b>	(7.7)
OECD average	218.0	(0.5)	217.1	(1.5)	<b>219.2</b>	(1.2)	<b>215.3</b>	(1.5)	222.9	(1.8)	217.8	(0.6)	218.0	(0.9)
<b>Partners</b>														
Albania	171.0	(1.3)	165.2	(5.8)	<b>175.3</b>	(1.8)	<b>167.5</b>	(1.4)	170.2	(3.0)	173.3	(1.7)	166.9	(2.6)
Argentina	<b>246.1</b>	(6.3)	<b>306.9</b>	(12.2)	<b>240.1</b>	(6.9)	<b>280.4</b>	(7.6)	246.7	(19.8)	264.9	(9.3)	275.5	(8.4)
Brazil	<b>211.3</b>	(1.8)	<b>230.5</b>	(4.2)	<b>227.9</b>	(3.5)	<b>212.0</b>	(2.0)	207.3	(7.0)	207.6	(2.3)	<b>221.6</b>	(2.5)
Bulgaria	133.6	(3.1)	c	c	<b>180.5</b>	(7.7)	<b>132.4</b>	(3.1)	153.1	(9.2)	135.8	(3.9)	129.0	(5.2)
Colombia	<b>257.6</b>	(4.0)	<b>286.2</b>	(10.7)	266.7	(5.9)	260.2	(5.0)	<b>276.2</b>	(13.5)	242.7	(6.2)	<b>270.8</b>	(5.6)
Costa Rica	<b>200.6</b>	(2.5)	<b>246.0</b>	(7.1)	<b>216.7</b>	(1.8)	<b>195.0</b>	(5.1)	210.3	(3.3)	205.6	(3.8)	212.6	(8.9)
Croatia	146.7	(2.1)	c	c	c	c	147.1	(2.1)	c	c	143.1	(2.1)	<b>153.9</b>	(4.6)
Cyprus*	<b>186.4</b>	(0.5)	<b>206.2</b>	(1.5)	<b>195.0</b>	(2.7)	<b>188.9</b>	(0.4)	<b>193.2</b>	(1.9)	185.9	(0.5)	<b>194.1</b>	(0.8)
Hong Kong-China	260.9	(7.0)	267.6	(2.8)	<b>258.8</b>	(3.4)	<b>271.9</b>	(2.8)	c	c	c	c	267.6	(2.6)
Indonesia	210.8	(5.5)	209.2	(7.5)	212.3	(6.2)	206.7	(6.4)	198.1	(9.9)	212.9	(5.9)	216.0	(8.6)
Jordan	226.7	(2.1)	229.3	(5.3)	227.1	(2.0)	c	c	232.0	(4.4)	226.9	(2.5)	226.2	(3.8)
Kazakhstan	182.4	(4.2)	186.6	(16.5)	181.4	(3.8)	185.4	(7.5)	<b>162.7</b>	(2.7)	178.2	(3.4)	<b>200.7</b>	(9.5)
Latvia	224.5	(1.6)	c	c	224.6	(1.5)	219.8	(12.7)	<b>216.1</b>	(2.6)	228.0	(2.4)	226.2	(2.6)
Liechtenstein	215.3	(3.8)	c	c	217.1	(4.8)	c	c	c	c	210.7	(4.5)	c	c
Lithuania	171.1	(1.4)	c	c	171.8	(1.5)	c	c	168.7	(2.6)	172.1	(2.4)	173.1	(2.2)
Macao-China	c	c	276.1	(0.9)	<b>267.7</b>	(1.2)	<b>283.9</b>	(1.3)	c	c	c	c	275.1	(0.9)
Malaysia	198.5	(3.3)	273.0	(39.7)	187.9	(9.4)	201.7	(3.7)	191.6	(10.0)	199.4	(4.4)	209.7	(9.5)
Montenegro	142.0	(0.8)	c	c	c	c	142.1	(0.8)	c	c	145.7	(1.1)	<b>134.1</b>	(1.2)
Peru	<b>272.3</b>	(4.4)	<b>351.1</b>	(13.7)	<b>263.0</b>	(8.5)	<b>294.8</b>	(4.8)	280.1	(8.0)	288.8	(6.6)	288.2	(6.8)
Qatar	<b>253.7</b>	(0.9)	<b>266.1</b>	(1.3)	<b>266.5</b>	(2.1)	<b>257.1</b>	(0.8)	<b>261.5</b>	(2.6)	252.6	(1.1)	<b>263.0</b>	(1.2)
Romania	169.4	(1.9)	c	c	169.4	(1.9)	c	c	<b>186.0</b>	(7.0)	165.9	(3.0)	171.4	(3.3)
Russian Federation	221.9	(2.4)	c	c	<b>218.2</b>	(2.6)	<b>242.7</b>	(5.2)	<b>206.7</b>	(5.3)	222.9	(4.3)	229.0	(3.8)
Serbia	153.6	(1.3)	c	c	c	c	153.9	(1.1)	c	c	153.2	(1.8)	154.2	(2.8)
Shanghai-China	267.2	(3.3)	291.1	(17.2)	<b>331.3</b>	(3.7)	<b>222.4</b>	(3.6)	c	c	c	c	269.5	(2.9)
Singapore	287.5	(1.1)	c	c	<b>203.4</b>	(3.9)	<b>289.8</b>	(1.3)	c	c	c	c	288.4	(1.4)
Chinese Taipei	<b>253.4</b>	(2.5)	<b>224.4</b>	(6.3)	<b>266.8</b>	(3.3)	<b>229.5</b>	(3.1)	c	c	245.7	(6.3)	241.0	(4.4)
Thailand	<b>210.4</b>	(2.9)	<b>182.1</b>	(11.9)	201.3	(4.1)	207.1	(3.5)	<b>216.4</b>	(5.6)	196.4	(4.5)	<b>216.1</b>	(7.3)
Tunisia	276.2	(4.0)	c	c	<b>246.2</b>	(5.0)	<b>291.4</b>	(5.2)	294.3	(31.1)	275.6	(4.8)	273.3	(7.2)
United Arab Emirates	<b>351.4</b>	(5.6)	<b>283.6</b>	(4.5)	<b>246.5</b>	(4.6)	<b>320.4</b>	(3.5)	325.2	(14.7)	336.4	(8.4)	<b>296.7</b>	(4.0)
Uruguay	155.7	(2.1)	156.0	(5.0)	160.0	(3.1)	153.4	(2.5)	148.0	(5.9)	154.3	(3.2)	159.2	(2.9)
Viet Nam	<b>223.2</b>	(3.4)	<b>268.8</b>	(17.9)	213.3	(8.3)	228.0	(3.7)	220.8	(6.1)	223.4	(6.5)	241.2	(7.3)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 5/10]  
**Students' learning time in school, by school features**  
*Results based on students' self-reports*


Table IV.3.22

		Time spent per week in regular school lessons in the language of instruction (minutes)													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	233.6	(1.5)	232.7	(1.8)	234.6	(1.5)	232.7	(1.7)	234.0	(2.3)	234.4	(1.3)	230.6	(2.0)
	Austria	144.6	(3.1)	141.6	(3.3)	143.3	(2.5)	147.3	(1.9)	149.2	(4.2)	134.9	(3.3)	153.2	(2.4)
	Belgium	215.6	(2.9)	215.9	(2.2)	219.7	(1.8)	220.3	(2.0)	<b>209.1</b>	(3.6)	216.8	(2.8)	<b>223.8</b>	(2.0)
	Canada	317.6	(4.8)	309.0	(4.2)	317.9	(4.4)	319.5	(4.4)	302.8	(7.7)	324.6	(3.6)	308.8	(6.4)
	Chile	<b>376.7</b>	(9.4)	379.4	(7.9)	390.3	(10.1)	<b>351.6</b>	(7.9)	378.9	(7.6)	375.4	(11.9)	368.8	(10.6)
	Czech Republic	181.5	(2.0)	178.2	(2.5)	177.5	(2.0)	178.9	(2.2)	173.6	(4.5)	184.2	(2.4)	170.2	(2.9)
	Denmark	318.5	(7.6)	304.8	(4.9)	323.1	(6.0)	311.4	(5.3)	311.2	(5.4)	318.7	(6.0)	307.4	(6.4)
	Estonia	197.6	(2.3)	198.7	(1.8)	197.5	(1.9)	199.5	(1.4)	195.8	(3.6)	198.7	(1.7)	199.2	(1.7)
	Finland	<b>149.6</b>	(1.5)	152.0	(1.9)	152.7	(1.7)	<b>154.3</b>	(1.6)	150.8	(3.3)	152.3	(1.8)	152.6	(2.4)
	France	212.0	(4.1)	210.8	(4.1)	215.9	(3.7)	220.1	(3.5)	216.4	(5.2)	209.7	(3.2)	220.6	(2.9)
	Germany	<b>201.1</b>	(4.2)	194.3	(3.2)	186.8	(3.3)	<b>181.0</b>	(3.0)	<b>207.8</b>	(4.9)	188.6	(2.9)	<b>180.8</b>	(4.5)
	Greece	<b>167.0</b>	(1.1)	170.8	(1.1)	171.2	(1.2)	<b>172.9</b>	(1.0)	<b>166.5</b>	(1.5)	170.8	(0.8)	<b>172.1</b>	(1.1)
	Hungary	<b>159.5</b>	(2.6)	164.0	(2.3)	166.9	(2.7)	<b>166.3</b>	(2.2)	<b>155.4</b>	(3.2)	168.8	(2.9)	<b>167.0</b>	(2.4)
	Iceland	239.9	(4.5)	236.2	(3.9)	238.7	(3.6)	238.6	(3.7)	<b>251.9</b>	(5.9)	235.6	(2.6)	<b>234.6</b>	(3.2)
	Ireland	182.1	(1.6)	182.3	(1.4)	179.9	(1.9)	178.1	(1.7)	182.2	(2.9)	181.3	(1.5)	178.4	(2.5)
	Israel	195.5	(4.3)	191.5	(3.7)	190.2	(5.5)	191.9	(4.3)	199.6	(4.3)	189.0	(4.8)	190.7	(5.2)
	Italy	<b>285.9</b>	(2.0)	281.6	(2.2)	274.6	(2.1)	<b>267.5</b>	(2.3)	<b>290.3</b>	(2.4)	281.2	(2.4)	<b>261.2</b>	(2.9)
	Japan	<b>189.2</b>	(3.3)	201.6	(3.1)	209.2	(2.7)	<b>220.0</b>	(2.9)	<b>172.4</b>	(4.1)	205.9	(3.7)	<b>236.0</b>	(4.1)
	Korea	<b>195.6</b>	(3.4)	203.0	(3.3)	202.7	(2.9)	<b>214.1</b>	(4.9)	<b>177.9</b>	(5.0)	211.8	(3.3)	<b>215.4</b>	(7.7)
	Luxembourg	193.6	(1.7)	182.1	(2.1)	186.1	(1.8)	192.0	(1.8)	<b>188.4</b>	(1.3)	173.0	(2.4)	<b>194.4</b>	(1.2)
	Mexico	<b>226.6</b>	(2.4)	231.5	(2.5)	232.1	(3.1)	<b>238.3</b>	(2.8)	230.7	(3.0)	234.5	(3.0)	231.0	(3.5)
	Netherlands	<b>177.0</b>	(4.3)	170.7	(3.5)	169.5	(3.2)	<b>158.1</b>	(3.5)	<b>193.7</b>	(6.0)	167.2	(2.5)	<b>154.2</b>	(5.0)
	New Zealand	243.7	(4.1)	241.4	(2.2)	240.0	(2.7)	246.0	(2.3)	246.1	(4.3)	240.0	(2.7)	245.6	(3.2)
	Norway	222.5	(5.2)	215.9	(3.1)	214.7	(3.2)	218.5	(3.8)	233.2	(8.8)	215.0	(2.8)	222.2	(4.1)
	Poland	<b>216.7</b>	(2.5)	218.7	(2.1)	220.5	(1.7)	<b>223.0</b>	(1.8)	<b>216.1</b>	(3.7)	218.8	(2.3)	<b>226.8</b>	(2.7)
	Portugal	<b>251.6</b>	(6.2)	241.6	(5.0)	234.3	(5.2)	<b>222.9</b>	(5.0)	<b>256.2</b>	(8.3)	235.2	(4.7)	<b>215.6</b>	(6.9)
	Slovak Republic	<b>189.8</b>	(2.9)	178.0	(2.8)	178.0	(2.5)	<b>171.4</b>	(2.5)	<b>181.2</b>	(5.6)	194.6	(2.9)	<b>150.6</b>	(2.5)
	Slovenia	<b>162.1</b>	(1.0)	167.4	(1.0)	170.8	(1.2)	<b>175.4</b>	(1.0)	<b>155.8</b>	(1.0)	170.6	(0.7)	<b>178.6</b>	(0.3)
	Spain	<b>210.5</b>	(2.2)	203.7	(1.5)	200.0	(1.3)	<b>198.7</b>	(1.8)	<b>208.3</b>	(2.7)	201.4	(2.2)	<b>201.1</b>	(2.8)
	Sweden	<b>185.5</b>	(5.0)	177.1	(3.0)	177.8	(3.8)	<b>173.9</b>	(3.5)	177.6	(3.7)	179.3	(3.5)	174.9	(6.0)
	Switzerland	211.1	(4.0)	208.2	(5.3)	201.2	(4.8)	205.1	(5.1)	207.0	(7.1)	212.0	(3.9)	196.9	(7.0)
	Turkey	<b>188.5</b>	(4.3)	191.5	(4.1)	197.6	(4.0)	<b>218.2</b>	(3.0)	<b>178.9</b>	(3.3)	196.8	(4.8)	<b>223.9</b>	(4.6)
	United Kingdom	<b>239.1</b>	(4.1)	231.9	(3.6)	228.8	(3.4)	<b>226.4</b>	(4.3)	<b>245.2</b>	(5.5)	227.2	(3.3)	<b>228.6</b>	(5.6)
	United States	260.8	(9.2)	246.9	(7.9)	257.9	(6.1)	264.7	(5.6)	250.8	(11.2)	261.8	(6.7)	257.6	(7.6)
OECD average	215.9	(0.7)	213.4	(0.6)	214.8	(0.6)	214.7	(0.6)	214.6	(0.9)	215.0	(0.7)	213.9	(0.8)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>223.8</b>	(7.7)	263.0	(11.2)	271.2	(10.3)	<b>292.0</b>	(12.3)	<b>219.9</b>	(8.2)	253.1	(7.6)	<b>305.4</b>	(14.9)
	Brazil	207.7	(2.8)	210.2	(2.6)	208.7	(3.5)	204.8	(3.8)	206.9	(2.8)	212.9	(3.1)	201.8	(4.3)
	Bulgaria	<b>144.6</b>	(2.1)	141.3	(2.4)	137.3	(2.2)	<b>137.8</b>	(2.5)	<b>143.7</b>	(3.0)	142.9	(3.1)	<b>135.3</b>	(2.9)
	Colombia	224.3	(5.6)	233.3	(5.3)	233.9	(5.6)	235.3	(6.7)	232.9	(5.5)	229.3	(5.8)	233.3	(6.4)
	Costa Rica	<b>187.2</b>	(2.2)	182.8	(3.0)	190.2	(2.9)	<b>195.4</b>	(3.1)	<b>185.0</b>	(1.9)	184.2	(3.0)	<b>203.8</b>	(3.7)
	Croatia	<b>159.5</b>	(2.3)	160.7	(1.6)	164.6	(1.6)	<b>172.9</b>	(1.2)	<b>160.2</b>	(2.7)	159.6	(1.8)	<b>179.5</b>	(1.4)
	Cyprus*	198.2	(1.4)	194.7	(1.1)	198.9	(1.2)	200.3	(1.2)	<b>198.3</b>	(1.2)	193.3	(0.9)	<b>204.7</b>	(1.1)
	Hong Kong-China	280.6	(3.9)	282.7	(3.7)	279.4	(4.1)	275.4	(4.9)	281.9	(4.8)	285.2	(4.0)	268.2	(5.0)
	Indonesia	177.9	(7.7)	177.4	(7.7)	182.9	(6.7)	189.3	(7.2)	176.0	(8.1)	177.5	(6.6)	195.2	(7.3)
	Jordan	264.5	(3.2)	265.9	(4.2)	265.9	(4.5)	263.1	(6.3)	267.0	(3.8)	264.3	(2.9)	264.5	(8.2)
	Kazakhstan	108.1	(4.2)	102.9	(3.2)	107.8	(3.6)	117.0	(4.9)	104.8	(6.6)	106.5	(3.5)	115.5	(4.8)
	Latvia	<b>152.4</b>	(2.7)	156.8	(2.4)	159.4	(3.0)	<b>161.9</b>	(2.1)	155.0	(3.5)	157.7	(2.1)	159.9	(2.3)
	Liechtenstein	<b>220.1</b>	(10.2)	192.7	(7.0)	170.1	(6.2)	<b>186.8</b>	(7.5)	c	c	227.7	(19.0)	c	c
	Lithuania	202.2	(1.9)	202.7	(1.8)	204.6	(1.8)	204.4	(1.8)	202.7	(2.3)	202.1	(1.8)	207.1	(2.7)
	Macao-China	262.5	(1.4)	266.5	(1.4)	265.9	(1.5)	265.8	(1.6)	<b>261.0</b>	(0.9)	274.3	(1.5)	<b>267.1</b>	(1.2)
	Malaysia	201.0	(4.1)	196.0	(3.6)	203.1	(3.7)	208.9	(4.4)	198.8	(5.0)	200.6	(4.5)	207.6	(5.2)
	Montenegro	<b>143.1</b>	(2.0)	146.0	(1.8)	149.9	(1.3)	<b>159.6</b>	(1.6)	<b>138.7</b>	(1.5)	148.4	(2.0)	<b>161.4</b>	(1.0)
	Peru	267.7	(6.8)	252.5	(7.7)	258.3	(8.1)	258.6	(7.1)	261.1	(6.6)	258.6	(7.9)	258.3	(5.1)
	Qatar	225.6	(1.7)	230.3	(1.6)	232.3	(1.5)	222.7	(1.5)	228.7	(1.2)	220.1	(1.6)	230.8	(1.1)
	Romania	<b>174.9</b>	(2.4)	176.1	(2.1)	176.7	(2.6)	<b>187.8</b>	(2.1)	<b>171.7</b>	(3.3)	176.6	(3.0)	<b>188.9</b>	(3.1)
	Russian Federation	<b>139.7</b>	(2.8)	136.9	(3.4)	131.5	(2.4)	<b>132.0</b>	(3.0)	<b>146.6</b>	(4.7)	130.9	(2.3)	<b>133.6</b>	(3.6)
	Serbia	<b>140.7</b>	(1.2)	142.8	(1.4)	143.2	(2.0)	<b>154.4</b>	(2.0)	<b>138.8</b>	(1.5)	139.1	(1.5)	<b>164.5</b>	(3.4)
	Shanghai-China	252.0	(4.8)	246.7	(4.2)	248.7	(4.2)	245.0	(4.1)	237.2	(7.6)	259.2	(7.1)	245.4	(5.6)
	Singapore	<b>231.9</b>	(2.0)	227.8	(2.9)	218.9	(2.0)	<b>215.7</b>	(1.6)	<b>233.7</b>	(1.0)	223.3	(3.4)	<b>211.5</b>	(2.0)
	Chinese Taipei	<b>230.4</b>	(3.5)	249.9	(3.9)	259.1	(3.3)	<b>273.2</b>	(3.9)	<b>223.3</b>	(6.3)	255.4	(5.1)	<b>281.1</b>	(4.9)
	Thailand	<b>144.1</b>	(2.2)	141.9	(2.4)	135.9	(2.4)	<b>132.6</b>	(2.7)	<b>143.0</b>	(2.6)	138.4	(3.6)	<b>133.0</b>	(3.2)
Tunisia	309.7	(8.9)	307.6	(7.9)	308.8	(8.0)	297.3	(8.4)	300.3	(8.4)	306.4	(6.0)	310.6	(8.1)	
United Arab Emirates	274.2	(3.3)	267.4	(3.2)	268.4	(3.5)	268.2	(3.8)	<b>287.3</b>	(4.7)	262.8	(3.4)	<b>264.9</b>	(4.7)	
Uruguay	136.8	(3.0)	135.7	(2.8)	136.4	(2.8)	142.7	(2.7)	137.4	(2.7)	138.2	(2.7)	138.3	(3.2)	
Viet Nam	<b>202.0</b>	(4.8)	191.3	(4.4)	191.0	(4.1)	<b>188.0</b>	(4.2)	<b>201.7</b>	(5.0)	191.8	(5.9)	<b>182.0</b>	(4.0)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 6/10]  
**Students' learning time in school, by school features**  
*Results based on students' self-reports*


Table IV.3.22

	Time spent per week in regular school lessons in the language of instruction (minutes)													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
<b>OECD</b>														
Australia	235.3	(1.4)	230.1	(1.5)	232.9	(1.1)	235.2	(2.3)	235.5	(4.1)	234.1	(1.8)	232.7	(1.3)
Austria	144.4	(1.8)	142.8	(4.6)	191.3	(6.2)	142.4	(1.8)	140.5	(6.1)	145.0	(2.7)	144.3	(2.6)
Belgium	223.9	(2.7)	212.5	(2.2)	256.4	(8.4)	215.2	(1.4)	239.9	(12.8)	212.7	(1.9)	230.0	(3.5)
Canada	320.2	(2.9)	273.6	(13.1)	329.5	(6.5)	313.9	(3.1)	308.0	(6.9)	314.6	(3.6)	318.4	(4.4)
Chile	379.6	(9.0)	373.2	(8.0)	360.4	(32.1)	375.0	(6.2)	393.7	(34.9)	395.4	(8.0)	360.5	(8.6)
Czech Republic	181.3	(1.8)	148.4	(5.4)	197.3	(2.0)	157.6	(2.4)	205.2	(5.3)	176.4	(2.2)	176.6	(3.4)
Denmark	315.6	(4.3)	313.6	(10.2)	314.8	(4.1)	c	c	315.5	(11.6)	314.1	(4.2)	316.5	(7.1)
Estonia	197.8	(1.2)	205.1	(5.8)	198.5	(1.2)	183.7	(7.8)	199.8	(3.2)	197.9	(1.5)	197.4	(2.0)
Finland	151.7	(1.3)	171.5	(4.4)	152.1	(1.2)	c	c	146.4	(3.7)	150.7	(1.8)	157.8	(2.0)
France	215.3	(2.4)	212.8	(4.3)	213.8	(4.2)	215.1	(2.1)	209.6	(7.2)	213.0	(2.6)	220.4	(4.7)
Germany	192.0	(2.4)	180.8	(10.2)	191.9	(2.2)	149.2	(14.4)	c	c	191.6	(3.0)	190.5	(4.5)
Greece	170.4	(0.6)	c	c	c	c	170.8	(0.6)	171.3	(2.2)	169.7	(0.7)	171.7	(1.1)
Hungary	162.5	(1.6)	171.8	(6.0)	169.6	(3.9)	163.5	(1.8)	161.1	(14.2)	166.1	(2.2)	160.9	(2.9)
Iceland	237.6	(2.0)	c	c	238.1	(2.0)	c	c	232.1	(4.0)	236.7	(2.4)	242.9	(3.9)
Ireland	181.6	(1.8)	180.5	(1.6)	186.0	(1.3)	171.9	(1.9)	181.0	(2.4)	181.9	(1.9)	178.1	(2.2)
Israel	192.5	(2.7)	c	c	172.4	(6.4)	195.5	(2.8)	188.4	(9.0)	196.4	(4.2)	189.6	(4.7)
Italy	277.3	(1.5)	260.2	(10.1)	396.0	(13.8)	275.6	(1.3)	288.2	(14.4)	276.0	(1.7)	276.4	(2.4)
Japan	199.4	(2.7)	217.9	(4.2)	c	c	204.8	(2.1)	c	c	189.3	(4.3)	210.7	(2.6)
Korea	200.4	(3.1)	207.8	(4.5)	178.5	(4.9)	205.4	(2.7)	c	c	204.7	(5.7)	204.2	(2.9)
Luxembourg	187.3	(0.9)	194.3	(2.1)	194.8	(1.2)	179.5	(1.3)	c	c	188.4	(0.8)	c	c
Mexico	232.4	(1.9)	233.2	(4.6)	238.7	(2.3)	228.5	(2.4)	222.7	(3.8)	233.9	(2.2)	233.3	(3.2)
Netherlands	167.0	(3.1)	170.4	(3.6)	173.7	(2.8)	158.3	(3.1)	c	c	168.3	(2.6)	171.5	(6.4)
New Zealand	241.8	(1.9)	257.8	(13.7)	216.8	(4.3)	244.4	(2.1)	241.7	(7.3)	237.7	(2.5)	245.6	(2.8)
Norway	217.7	(2.2)	c	c	218.0	(2.2)	c	c	215.2	(6.2)	214.7	(2.8)	229.5	(5.3)
Poland	219.2	(1.7)	234.6	(4.1)	219.8	(1.6)	c	c	216.2	(4.2)	220.7	(1.6)	222.5	(3.0)
Portugal	240.6	(4.2)	213.1	(4.7)	280.4	(5.6)	206.9	(3.8)	278.3	(20.3)	237.5	(4.4)	226.7	(6.2)
Slovak Republic	181.7	(1.9)	156.1	(7.1)	220.2	(1.8)	147.4	(1.6)	223.3	(3.0)	174.5	(2.6)	163.2	(4.7)
Slovenia	168.9	(0.5)	178.7	(0.7)	174.7	(3.7)	168.6	(0.4)	180.0	(0.0)	169.1	(0.5)	168.9	(0.8)
Spain	203.0	(1.1)	202.6	(2.2)	203.3	(1.1)	c	c	197.6	(2.7)	201.7	(1.5)	205.3	(2.1)
Sweden	179.8	(2.2)	172.6	(15.0)	179.1	(3.0)	163.9	(7.6)	185.0	(5.1)	179.7	(4.7)	172.5	(3.3)
Switzerland	207.4	(3.0)	189.3	(21.0)	215.5	(2.9)	178.0	(7.0)	217.7	(9.9)	208.5	(3.8)	192.0	(8.9)
Turkey	198.6	(2.5)	c	c	203.7	(10.5)	198.8	(2.5)	237.7	(13.7)	205.3	(5.1)	191.8	(3.1)
United Kingdom	232.1	(3.5)	230.4	(4.3)	c	c	231.8	(2.6)	238.8	(8.4)	227.5	(3.3)	238.3	(6.0)
United States	259.0	(5.4)	246.3	(10.4)	247.8	(14.1)	259.0	(5.1)	230.3	(5.6)	272.8	(7.1)	245.7	(7.9)
OECD average	215.2	(0.5)	213.2	(1.4)	224.7	(1.4)	205.0	(0.8)	224.2	(1.8)	214.9	(0.6)	214.7	(0.8)
<b>Partners</b>														
Albania	176.0	(1.9)	177.8	(9.9)	184.0	(2.4)	170.5	(2.4)	176.9	(3.5)	179.5	(2.9)	169.8	(3.2)
Argentina	235.0	(5.9)	311.0	(14.3)	232.3	(6.8)	275.0	(8.9)	233.4	(16.1)	265.5	(10.2)	262.4	(10.0)
Brazil	210.4	(1.8)	203.2	(7.1)	221.6	(4.8)	205.2	(2.0)	211.7	(9.8)	208.2	(2.6)	207.7	(2.9)
Bulgaria	140.4	(1.5)	c	c	206.1	(8.8)	138.5	(1.5)	169.2	(11.4)	141.9	(1.8)	135.8	(2.6)
Colombia	228.9	(3.7)	248.2	(8.7)	238.6	(5.7)	227.8	(4.5)	233.7	(12.9)	227.8	(7.2)	233.4	(4.8)
Costa Rica	185.3	(1.9)	211.0	(6.5)	193.3	(1.5)	182.9	(3.6)	191.4	(2.5)	186.5	(2.4)	195.7	(7.9)
Croatia	164.1	(1.2)	c	c	c	c	164.4	(1.2)	c	c	162.0	(1.8)	168.5	(1.6)
Cyprus*	196.0	(0.6)	212.4	(1.6)	225.4	(2.7)	196.9	(0.6)	201.3	(3.4)	195.2	(0.7)	202.8	(1.0)
Hong Kong-China	279.3	(5.6)	279.5	(2.8)	277.5	(3.3)	280.8	(2.9)	c	c	c	c	279.7	(2.6)
Indonesia	189.4	(6.6)	172.8	(5.8)	204.4	(6.6)	161.8	(4.4)	177.9	(6.9)	187.2	(7.2)	174.2	(7.8)
Jordan	265.2	(2.2)	263.5	(9.5)	264.9	(2.5)	c	c	273.6	(6.1)	266.2	(3.4)	261.5	(4.3)
Kazakhstan	107.8	(2.4)	211.9	(30.9)	108.0	(2.7)	111.6	(4.4)	103.1	(4.2)	102.4	(4.7)	117.6	(4.6)
Latvia	157.6	(1.5)	c	c	156.9	(1.4)	183.0	(19.8)	149.2	(2.9)	162.8	(2.1)	157.8	(2.9)
Liechtenstein	204.7	(11.0)	c	c	209.9	(11.5)	c	c	c	c	201.5	(10.2)	c	c
Lithuania	203.0	(1.3)	c	c	203.4	(1.3)	c	c	202.3	(3.1)	205.3	(2.0)	201.8	(2.1)
Macao-China	c	c	265.7	(0.6)	261.4	(0.9)	269.7	(1.0)	c	c	c	c	265.2	(0.6)
Malaysia	200.5	(2.5)	262.1	(10.8)	198.7	(6.4)	202.3	(2.7)	205.3	(8.8)	202.4	(3.7)	200.5	(5.5)
Montenegro	149.6	(0.8)	c	c	c	c	149.6	(0.8)	c	c	152.4	(1.0)	143.3	(1.3)
Peru	262.7	(4.0)	271.6	(11.0)	246.5	(9.5)	263.2	(3.9)	252.6	(6.5)	269.9	(5.9)	252.6	(5.9)
Qatar	213.5	(0.9)	249.5	(1.2)	252.4	(2.2)	223.4	(0.8)	230.9	(2.2)	220.4	(1.1)	233.2	(1.1)
Romania	178.8	(1.4)	c	c	178.9	(1.4)	c	c	186.9	(6.6)	176.9	(2.0)	180.2	(3.2)
Russian Federation	135.1	(2.1)	c	c	137.0	(2.1)	125.8	(4.7)	132.3	(3.3)	135.8	(3.1)	135.7	(3.3)
Serbia	145.0	(1.1)	c	c	c	c	144.7	(0.9)	c	c	144.1	(1.1)	146.2	(2.7)
Shanghai-China	246.2	(3.0)	267.0	(15.6)	314.4	(3.3)	199.9	(2.7)	c	c	c	c	248.1	(2.7)
Singapore	220.1	(0.4)	c	c	221.6	(2.9)	223.7	(1.5)	c	c	c	c	222.4	(1.5)
Chinese Taipei	264.1	(2.6)	234.4	(5.5)	292.0	(3.2)	231.8	(3.1)	c	c	259.5	(5.9)	249.8	(4.1)
Thailand	139.5	(1.7)	133.9	(6.1)	178.2	(2.7)	128.1	(1.9)	164.6	(5.7)	134.5	(2.1)	132.2	(3.0)
Tunisia	306.7	(4.4)	c	c	295.7	(5.7)	311.1	(5.7)	298.0	(18.0)	305.8	(4.8)	307.3	(9.4)
United Arab Emirates	289.9	(3.1)	253.6	(3.8)	257.3	(5.5)	271.2	(2.3)	298.8	(6.7)	287.2	(4.1)	257.0	(3.0)
Uruguay	137.5	(1.9)	139.6	(4.0)	142.2	(3.3)	135.7	(1.7)	134.9	(6.4)	137.6	(2.4)	139.0	(2.2)
Viet Nam	190.3	(3.1)	225.6	(12.5)	233.5	(9.1)	188.8	(3.2)	199.3	(5.3)	181.3	(4.3)	196.7	(7.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 7/10]  
Students' learning time in school, by school features  
Results based on students' self-reports


Table IV.3.22

		Time spent per week in regular school lessons in science (minutes)													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	224.3	(2.1)	225.3	(2.1)	229.2	(2.1)	229.9	(2.3)	229.2	(2.8)	226.2	(1.5)	227.3	(2.8)
	Austria	193.0	(7.9)	189.8	(7.5)	203.9	(6.3)	212.2	(7.4)	<b>181.8</b>	(12.3)	197.2	(6.3)	<b>221.7</b>	(9.5)
	Belgium	<b>173.2</b>	(3.4)	184.9	(4.5)	200.1	(4.9)	<b>211.1</b>	(4.6)	<b>164.6</b>	(6.8)	193.5	(5.1)	<b>204.8</b>	(4.1)
	Canada	<b>294.8</b>	(4.9)	300.0	(4.2)	313.1	(4.4)	<b>316.5</b>	(4.6)	<b>278.9</b>	(7.4)	315.6	(3.7)	<b>308.2</b>	(6.2)
	Chile	<b>264.6</b>	(9.5)	287.9	(9.4)	303.4	(9.1)	<b>327.4</b>	(8.7)	<b>267.2</b>	(7.9)	293.2	(9.6)	<b>329.9</b>	(10.5)
	Czech Republic	<b>195.4</b>	(7.2)	207.8	(6.4)	222.9	(6.7)	<b>238.7</b>	(5.6)	<b>204.3</b>	(9.7)	200.6	(4.5)	<b>268.2</b>	(8.1)
	Denmark	178.5	(3.6)	169.5	(3.8)	177.3	(3.7)	181.4	(4.2)	180.7	(5.2)	175.0	(3.2)	178.1	(4.1)
	Estonia	191.9	(4.7)	192.0	(4.9)	196.8	(3.4)	203.4	(5.2)	199.4	(6.4)	194.0	(3.7)	198.8	(5.6)
	Finland	<b>180.5</b>	(2.1)	187.9	(3.0)	191.8	(2.7)	<b>194.6</b>	(2.5)	186.3	(3.8)	188.3	(1.9)	191.5	(3.5)
	France	<b>152.8</b>	(5.3)	157.2	(5.8)	180.2	(5.4)	<b>205.2</b>	(5.3)	<b>131.3</b>	(5.1)	169.5	(4.3)	<b>204.6</b>	(4.7)
	Germany	<b>236.8</b>	(5.2)	251.8	(6.0)	259.0	(6.9)	<b>271.4</b>	(4.3)	<b>237.0</b>	(7.6)	241.3	(5.5)	<b>288.7</b>	(6.5)
	Greece	<b>220.5</b>	(3.3)	226.7	(2.8)	232.5	(2.8)	<b>237.3</b>	(2.7)	<b>213.3</b>	(5.3)	229.9	(1.5)	<b>238.2</b>	(2.5)
	Hungary	191.2	(6.5)	188.5	(4.9)	189.9	(4.7)	203.0	(5.1)	188.4	(8.5)	190.6	(6.0)	<b>200.1</b>	(5.0)
	Iceland	139.9	(3.1)	138.7	(3.2)	141.4	(3.1)	145.7	(3.2)	136.6	(3.7)	141.7	(2.0)	142.9	(3.2)
	Ireland	<b>137.7</b>	(3.3)	142.7	(2.7)	152.1	(2.8)	<b>149.3</b>	(2.2)	<b>130.9</b>	(7.0)	149.3	(2.1)	<b>145.8</b>	(2.9)
	Israel	<b>179.0</b>	(5.4)	191.0	(5.5)	197.0	(6.9)	<b>219.5</b>	(6.0)	185.3	(6.0)	198.3	(5.5)	203.1	(6.5)
	Italy	133.6	(1.6)	134.7	(1.4)	138.4	(1.8)	135.5	(1.9)	136.0	(2.7)	137.2	(1.8)	132.8	(2.7)
	Japan	<b>151.1</b>	(3.4)	158.8	(4.0)	168.3	(4.0)	<b>183.6</b>	(3.9)	<b>130.7</b>	(3.8)	163.7	(5.2)	<b>203.2</b>	(6.0)
	Korea	<b>181.2</b>	(4.2)	197.6	(5.2)	202.3	(9.0)	<b>216.7</b>	(11.9)	<b>161.3</b>	(5.9)	199.7	(3.4)	<b>238.0</b>	(23.8)
	Luxembourg	<b>144.7</b>	(2.5)	143.2	(2.6)	158.7	(3.0)	<b>180.8</b>	(2.5)	<b>148.2</b>	(1.6)	134.2	(3.2)	<b>174.8</b>	(1.5)
	Mexico	<b>239.5</b>	(3.2)	251.5	(3.6)	257.2	(3.7)	<b>259.2</b>	(2.8)	<b>245.6</b>	(4.2)	251.8	(2.8)	<b>258.2</b>	(3.1)
	Netherlands	159.9	(8.2)	156.6	(6.9)	175.2	(6.9)	167.7	(7.9)	159.8	(7.4)	163.3	(7.8)	170.9	(6.7)
	New Zealand	<b>231.0</b>	(5.0)	241.0	(4.1)	242.2	(4.9)	<b>277.5</b>	(7.6)	<b>234.9</b>	(5.3)	234.4	(3.3)	<b>288.9</b>	(10.2)
	Norway	147.5	(3.4)	144.4	(2.5)	142.1	(2.4)	143.6	(2.9)	150.2	(5.3)	142.3	(1.9)	146.6	(3.7)
	Poland	169.8	(2.9)	169.4	(2.7)	165.8	(2.8)	172.2	(3.7)	172.4	(4.7)	167.1	(3.7)	169.8	(5.9)
	Portugal	<b>185.3</b>	(16.7)	220.1	(10.6)	258.9	(12.9)	<b>289.5</b>	(12.9)	<b>197.0</b>	(21.4)	238.7	(8.7)	<b>308.3</b>	(23.6)
	Slovak Republic	<b>132.3</b>	(7.3)	134.2	(7.6)	165.0	(6.3)	<b>215.7</b>	(6.7)	<b>107.4</b>	(10.3)	146.1	(8.5)	<b>233.9</b>	(9.4)
	Slovenia	<b>167.0</b>	(3.7)	176.1	(3.7)	191.8	(3.8)	<b>204.9</b>	(3.7)	<b>150.1</b>	(2.3)	182.2	(2.8)	<b>220.7</b>	(2.9)
	Spain	<b>168.5</b>	(2.6)	179.2	(3.7)	186.1	(2.6)	<b>203.6</b>	(3.4)	<b>172.1</b>	(3.8)	180.2	(2.8)	<b>202.8</b>	(3.4)
	Sweden	184.5	(4.4)	187.3	(3.3)	189.1	(3.3)	192.7	(4.5)	182.8	(4.8)	186.4	(2.9)	196.1	(7.5)
	Switzerland	162.3	(6.2)	161.0	(5.3)	157.9	(5.7)	176.3	(8.4)	<b>159.9</b>	(5.3)	149.6	(4.7)	<b>194.1</b>	(9.9)
	Turkey	<b>140.0</b>	(4.9)	152.4	(8.0)	170.9	(8.9)	<b>205.1</b>	(13.2)	<b>134.6</b>	(4.5)	142.2	(5.2)	<b>231.1</b>	(13.9)
United Kingdom	<b>273.1</b>	(4.5)	289.2	(5.5)	297.1	(5.9)	<b>321.5</b>	(6.6)	<b>275.2</b>	(6.2)	285.3	(3.7)	<b>335.7</b>	(12.1)	
United States	<b>245.9</b>	(8.1)	243.7	(8.0)	258.1	(7.3)	<b>272.4</b>	(6.1)	241.8	(11.0)	253.8	(5.9)	267.6	(8.1)	
OECD average	<b>187.4</b>	(1.0)	193.6	(0.9)	203.4	(1.0)	<b>216.6</b>	(1.1)	<b>184.6</b>	(1.2)	196.0	(0.8)	<b>221.3</b>	(1.5)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>190.5</b>	(10.4)	204.2	(9.3)	222.9	(8.1)	<b>248.6</b>	(11.3)	<b>179.7</b>	(8.0)	208.2	(10.9)	<b>257.6</b>	(9.5)
	Brazil	<b>137.9</b>	(2.5)	142.4	(2.9)	164.2	(4.5)	<b>201.9</b>	(8.2)	<b>138.3</b>	(2.4)	145.5	(2.6)	<b>210.5</b>	(8.2)
	Bulgaria	<b>268.3</b>	(4.6)	261.3	(5.8)	248.8	(3.7)	<b>248.6</b>	(5.6)	<b>276.7</b>	(5.2)	258.3	(6.2)	<b>240.6</b>	(5.3)
	Colombia	<b>191.8</b>	(6.2)	204.1	(5.3)	205.1	(5.1)	<b>218.5</b>	(10.2)	199.6	(6.4)	198.2	(5.5)	217.8	(9.1)
	Costa Rica	<b>192.8</b>	(2.7)	197.9	(3.4)	202.1	(3.3)	<b>218.9</b>	(5.6)	<b>193.5</b>	(3.1)	197.3	(2.4)	<b>228.3</b>	(9.2)
	Croatia	<b>139.6</b>	(6.5)	163.6	(6.4)	191.6	(6.6)	<b>234.6</b>	(7.5)	<b>125.1</b>	(8.0)	175.3	(9.1)	<b>274.6</b>	(6.6)
	Cyprus*	<b>184.4</b>	(1.1)	185.5	(1.0)	186.0	(1.3)	<b>188.6</b>	(1.3)	<b>185.0</b>	(0.8)	185.1	(0.7)	<b>188.8</b>	(1.4)
	Hong Kong-China	<b>220.6</b>	(7.0)	221.9	(6.4)	228.4	(7.7)	<b>270.0</b>	(8.9)	<b>208.1</b>	(5.1)	237.7	(5.6)	<b>267.6</b>	(8.4)
	Indonesia	<b>175.4</b>	(5.8)	175.9	(7.4)	195.6	(9.2)	<b>248.7</b>	(16.5)	<b>166.5</b>	(6.2)	174.2	(9.3)	<b>279.3</b>	(15.5)
	Jordan	<b>262.4</b>	(4.4)	274.8	(5.7)	285.4	(5.0)	<b>287.9</b>	(6.9)	<b>261.0</b>	(5.8)	276.2	(3.7)	<b>297.9</b>	(9.3)
	Kazakhstan	206.3	(9.7)	188.0	(7.9)	213.3	(9.6)	228.3	(11.2)	222.8	(11.6)	204.6	(9.8)	206.7	(13.4)
	Latvia	<b>215.0</b>	(6.8)	213.1	(5.8)	236.9	(6.3)	<b>256.6</b>	(5.6)	<b>220.7</b>	(10.2)	220.8	(4.7)	<b>251.7</b>	(5.5)
	Liechtenstein	138.9	(7.4)	150.1	(12.7)	172.5	(34.8)	201.8	(32.2)	c	c	173.7	(22.0)	c	c
	Lithuania	321.0	(2.8)	321.6	(2.9)	319.9	(2.5)	320.5	(2.3)	321.8	(3.2)	318.0	(2.0)	325.7	(2.8)
	Macao-China	<b>166.4</b>	(3.9)	185.2	(4.4)	188.2	(5.0)	<b>216.5</b>	(5.6)	<b>165.3</b>	(2.8)	198.6	(5.6)	<b>223.0</b>	(4.6)
	Malaysia	<b>183.7</b>	(4.4)	175.8	(4.7)	186.8	(4.6)	<b>208.0</b>	(5.4)	<b>180.6</b>	(4.0)	186.3	(4.4)	<b>201.5</b>	(7.4)
	Montenegro	104.1	(2.6)	102.7	(2.6)	106.4	(2.6)	107.6	(2.6)	<b>100.5</b>	(1.7)	111.4	(2.4)	<b>105.9</b>	(1.7)
	Peru	<b>200.3</b>	(4.7)	201.4	(6.1)	223.3	(8.7)	<b>235.1</b>	(8.6)	<b>198.9</b>	(4.6)	208.3	(5.2)	<b>232.8</b>	(7.6)
	Qatar	<b>250.6</b>	(2.2)	264.3	(3.2)	275.0	(3.1)	<b>265.5</b>	(2.8)	<b>261.6</b>	(2.3)	254.3	(2.5)	<b>269.7</b>	(2.1)
	Romania	<b>132.5</b>	(6.7)	152.4	(6.0)	155.4	(6.9)	<b>206.6</b>	(8.3)	<b>137.0</b>	(7.7)	147.1	(7.2)	<b>204.0</b>	(9.0)
	Russian Federation	<b>253.3</b>	(6.2)	269.4	(6.5)	285.1	(7.5)	<b>311.3</b>	(8.2)	<b>257.2</b>	(8.6)	272.7	(6.7)	<b>308.2</b>	(8.8)
	Serbia	<b>155.3</b>	(7.7)	158.2	(6.6)	146.1	(4.7)	<b>139.1</b>	(4.8)	<b>166.7</b>	(9.3)	145.3	(5.4)	<b>136.7</b>	(4.2)
	Shanghai-China	<b>225.8</b>	(9.5)	250.7	(7.4)	280.8	(8.1)	<b>298.9</b>	(6.9)	<b>195.0</b>	(12.2)	282.5	(13.4)	<b>303.9</b>	(8.4)
	Singapore	<b>253.0</b>	(4.1)	286.1	(4.9)	320.1	(5.8)	<b>350.5</b>	(5.2)	<b>260.5</b>	(3.1)	286.9	(3.4)	<b>383.2</b>	(6.3)
	Chinese Taipei	<b>164.8</b>	(4.2)	185.4	(4.3)	192.2	(4.7)	<b>220.4</b>	(4.6)	<b>148.9</b>	(7.8)	193.3	(6.4)	<b>229.0</b>	(6.6)
	Thailand	<b>250.4</b>	(9.9)	244.9	(6.8)	258.8	(7.9)	<b>296.6</b>	(10.6)	<b>243.7</b>	(10.3)	248.4	(8.6)	<b>300.2</b>	(12.2)
Tunisia	<b>165.0</b>	(6.6)	185.7	(7.9)	185.0	(7.8)	<b>184.2</b>	(5.4)	<b>158.8</b>	(5.6)	187.4	(5.7)	<b>189.2</b>	(6.8)	
United Arab Emirates	<b>263.7</b>	(6.8)	308.1	(6.6)	334.5	(7.0)	<b>320.9</b>	(7.7)	<b>263.9</b>	(7.5)	311.4	(8.3)	<b>330.6</b>	(7.8)	
Uruguay	<b>145.2</b>	(4.2)	144.3	(5.5)	155.0	(6.8)	<b>165.7</b>	(5.6)	142.4	(4.3)	157.9	(5.1)	160.2	(9.4)	
Viet Nam	<b>209.0</b>	(8.9)	228.1	(8.8)	234.9	(10.0)	<b>281.4</b>	(11.9)	<b>210.4</b>	(9.2)	236.3	(9.0)	<b>281.2</b>	(14.0)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 8/10]  
**Students' learning time in school, by school features**  
*Results based on students' self-reports*


Table IV.3.22

	Time spent per week in regular school lessons in science (minutes)													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
<b>OECD</b>														
Australia	231.1	(1.6)	221.4	(2.0)	222.2	(1.3)	262.1	(4.1)	222.2	(5.2)	225.6	(2.3)	228.1	(1.7)
Austria	199.2	(5.4)	199.8	(14.6)	326.8	(14.5)	194.6	(4.9)	210.8	(27.4)	193.9	(7.8)	205.6	(7.8)
Belgium	190.2	(5.6)	193.6	(3.6)	155.2	(6.8)	194.9	(2.7)	195.9	(22.6)	194.3	(3.4)	187.3	(6.5)
Canada	309.6	(2.9)	269.5	(13.7)	249.4	(5.0)	315.2	(3.0)	287.9	(7.0)	305.6	(4.2)	309.2	(4.0)
Chile	285.9	(10.0)	303.1	(7.1)	283.8	(31.4)	296.1	(5.4)	245.7	(13.9)	295.2	(9.8)	297.6	(6.6)
Czech Republic	216.9	(4.1)	206.2	(20.8)	219.7	(3.9)	212.5	(6.0)	203.1	(15.6)	215.9	(5.2)	219.3	(9.1)
Denmark	173.6	(2.6)	182.0	(6.1)	176.6	(2.3)	c	c	170.2	(5.4)	177.6	(2.9)	174.9	(4.9)
Estonia	196.3	(2.5)	193.8	(20.3)	195.8	(2.5)	210.7	(15.5)	202.0	(6.3)	187.1	(2.9)	204.7	(4.8)
Finland	188.3	(1.6)	205.7	(6.0)	188.5	(1.6)	c	c	187.6	(6.4)	186.9	(1.8)	193.5	(2.9)
France	174.7	(3.1)	169.6	(5.7)	125.0	(4.9)	190.9	(2.9)	139.4	(10.5)	174.1	(3.8)	185.4	(6.4)
Germany	254.7	(4.1)	259.3	(14.0)	255.9	(3.5)	204.8	(47.9)	c	c	252.2	(4.6)	262.5	(9.3)
Greece	228.9	(1.6)	c	c	189.2	(8.4)	230.5	(1.6)	231.3	(3.4)	227.3	(2.2)	232.2	(2.5)
Hungary	193.0	(4.1)	191.8	(12.2)	249.2	(6.8)	185.9	(4.1)	203.6	(31.1)	194.9	(5.0)	188.7	(6.1)
Iceland	141.3	(1.6)	c	c	141.2	(1.5)	c	c	139.7	(3.2)	142.1	(2.0)	141.1	(2.9)
Ireland	143.4	(2.9)	146.0	(2.7)	150.2	(1.1)	137.2	(4.1)	152.5	(3.3)	146.7	(2.3)	136.4	(3.9)
Israel	196.6	(3.5)	c	c	205.4	(7.6)	195.1	(3.7)	182.7	(10.0)	202.7	(4.5)	194.9	(6.0)
Italy	135.6	(1.2)	143.1	(10.9)	124.9	(8.4)	135.7	(1.2)	133.3	(5.4)	135.9	(1.6)	135.1	(2.0)
Japan	157.3	(3.1)	184.9	(7.1)	c	c	165.4	(3.1)	c	c	154.3	(5.9)	169.7	(4.0)
Korea	209.0	(11.8)	189.1	(4.4)	176.6	(4.7)	200.9	(6.9)	c	c	200.0	(10.7)	199.4	(7.4)
Luxembourg	154.5	(1.1)	167.2	(3.6)	140.4	(1.2)	181.3	(2.0)	c	c	156.2	(1.1)	c	c
Mexico	252.8	(2.1)	240.9	(5.3)	261.2	(2.9)	246.5	(2.3)	238.1	(5.5)	253.8	(3.3)	254.4	(2.9)
Netherlands	162.4	(8.8)	162.5	(4.0)	171.7	(4.3)	149.4	(7.2)	c	c	160.7	(4.5)	166.8	(7.8)
New Zealand	244.4	(3.2)	311.0	(37.7)	200.4	(6.6)	251.3	(3.7)	229.7	(8.3)	233.6	(4.1)	259.4	(6.0)
Norway	143.3	(1.6)	c	c	143.8	(1.7)	c	c	141.5	(2.8)	141.5	(2.1)	152.2	(4.5)
Poland	168.5	(2.6)	198.0	(13.3)	168.7	(2.5)	c	c	165.9	(4.5)	172.7	(3.6)	167.2	(5.3)
Portugal	234.3	(9.9)	277.0	(19.7)	129.7	(3.1)	360.7	(14.7)	254.5	(83.9)	245.0	(10.7)	208.6	(13.3)
Slovak Republic	154.1	(4.6)	234.8	(42.1)	195.2	(5.5)	141.3	(5.9)	188.8	(8.2)	154.5	(6.0)	179.1	(12.9)
Slovenia	186.3	(1.6)	205.5	(8.7)	206.8	(9.5)	183.4	(1.5)	197.4	(10.0)	184.7	(1.7)	189.4	(3.3)
Spain	174.4	(2.1)	201.6	(3.1)	184.2	(1.8)	c	c	161.4	(8.2)	181.6	(2.6)	189.7	(3.4)
Sweden	190.1	(2.6)	178.5	(12.8)	187.3	(2.4)	250.3	(34.8)	178.0	(4.4)	187.2	(3.8)	198.6	(6.0)
Switzerland	160.8	(3.3)	226.7	(38.2)	158.4	(3.6)	184.6	(11.3)	164.8	(10.0)	162.3	(4.7)	174.4	(10.5)
Turkey	164.7	(6.2)	c	c	166.8	(8.9)	166.9	(6.5)	193.7	(16.7)	176.2	(12.2)	158.0	(7.4)
United Kingdom	286.0	(3.8)	306.9	(8.1)	c	c	295.0	(3.7)	304.4	(11.9)	289.7	(4.0)	307.9	(9.9)
United States	256.9	(5.2)	241.3	(17.0)	233.2	(9.9)	257.6	(4.9)	227.3	(6.9)	271.1	(6.5)	241.4	(8.0)
OECD average	198.8	(0.8)	214.2	(2.9)	193.2	(1.4)	214.3	(2.3)	198.4	(3.4)	199.5	(0.9)	203.4	(1.1)
<b>Partners</b>														
Albania	148.6	(2.0)	151.5	(7.4)	148.7	(2.6)	148.9	(2.5)	143.7	(3.4)	151.4	(3.3)	149.1	(3.1)
Argentina	194.2	(7.7)	260.6	(9.5)	182.9	(10.0)	234.4	(6.3)	200.4	(24.0)	212.5	(7.9)	222.7	(9.0)
Brazil	144.0	(2.1)	228.0	(13.3)	156.8	(2.6)	162.7	(3.6)	142.0	(10.5)	150.9	(4.8)	171.8	(4.4)
Bulgaria	257.2	(3.3)	c	c	280.1	(19.1)	256.8	(3.2)	276.0	(18.0)	256.3	(4.0)	257.7	(5.6)
Colombia	200.7	(3.8)	232.1	(12.9)	209.2	(4.9)	202.4	(5.8)	208.8	(10.7)	194.4	(8.0)	210.1	(6.3)
Costa Rica	197.9	(2.5)	243.4	(11.2)	194.1	(1.9)	216.0	(5.1)	202.3	(5.6)	201.5	(3.4)	209.9	(7.4)
Croatia	180.3	(5.6)	c	c	c	c	182.2	(5.4)	c	c	162.6	(5.9)	215.6	(11.0)
Cyprus*	184.9	(0.5)	196.3	(2.9)	214.1	(3.7)	185.2	(0.5)	189.2	(2.8)	185.2	(0.7)	187.3	(1.0)
Hong Kong-China	239.2	(12.2)	235.7	(4.5)	208.5	(4.2)	249.8	(5.8)	c	c	c	c	235.4	(4.2)
Indonesia	211.3	(9.2)	182.4	(9.5)	194.7	(6.2)	202.9	(11.5)	180.8	(10.7)	198.5	(8.9)	223.8	(20.0)
Jordan	274.2	(2.8)	294.0	(11.5)	277.6	(3.1)	c	c	272.0	(7.0)	272.9	(3.8)	283.6	(5.9)
Kazakhstan	209.1	(7.0)	204.2	(24.3)	190.9	(6.6)	258.8	(14.5)	226.0	(9.5)	206.4	(17.3)	196.6	(11.4)
Latvia	228.0	(3.6)	c	c	229.0	(3.4)	243.5	(12.3)	229.3	(7.8)	229.5	(5.3)	229.5	(5.9)
Liechtenstein	166.4	(12.4)	c	c	154.6	(13.2)	c	c	c	c	166.5	(11.7)	c	c
Lithuania	320.8	(1.4)	c	c	320.7	(1.4)	c	c	324.5	(3.8)	321.2	(1.8)	318.1	(2.5)
Macao-China	c	c	190.9	(2.2)	157.7	(2.0)	231.7	(4.2)	c	c	c	c	188.8	(2.2)
Malaysia	189.0	(2.7)	172.9	(21.8)	170.2	(8.2)	189.2	(2.7)	186.4	(7.3)	191.4	(3.9)	182.9	(5.5)
Montenegro	105.0	(1.1)	c	c	c	c	105.1	(1.1)	c	c	108.9	(1.4)	96.5	(1.8)
Peru	204.3	(3.1)	255.0	(16.1)	209.1	(7.4)	216.8	(4.0)	203.5	(7.3)	214.3	(6.5)	219.9	(5.9)
Qatar	253.9	(1.6)	278.8	(2.2)	264.2	(2.4)	263.4	(1.4)	263.6	(4.3)	252.6	(2.1)	272.9	(2.1)
Romania	161.1	(5.0)	c	c	161.6	(5.0)	c	c	154.2	(14.5)	154.9	(6.4)	173.9	(9.2)
Russian Federation	278.9	(4.2)	c	c	279.0	(4.5)	281.8	(9.1)	264.4	(9.4)	268.6	(7.2)	293.5	(6.6)
Serbia	150.2	(4.1)	c	c	c	c	150.3	(3.9)	c	c	150.9	(6.1)	150.1	(5.1)
Shanghai-China	259.9	(6.1)	303.4	(21.4)	339.9	(10.1)	203.9	(4.2)	c	c	c	c	264.1	(5.6)
Singapore	303.4	(2.1)	c	c	199.4	(3.7)	304.7	(2.3)	c	c	c	c	304.1	(2.3)
Chinese Taipei	205.7	(2.9)	157.6	(6.4)	261.1	(4.3)	148.7	(3.5)	c	c	197.7	(6.9)	187.3	(4.7)
Thailand	275.8	(6.3)	190.1	(7.3)	178.2	(2.7)	284.7	(6.5)	276.7	(19.7)	250.9	(7.5)	273.9	(12.7)
Tunisia	180.5	(3.8)	c	c	144.9	(5.4)	198.0	(4.6)	176.2	(23.9)	180.7	(4.6)	178.1	(7.4)
United Arab Emirates	277.0	(4.3)	329.5	(8.2)	221.0	(7.8)	319.9	(4.1)	276.1	(8.4)	282.8	(8.2)	322.2	(5.5)
Uruguay	149.6	(3.4)	164.7	(12.2)	143.8	(3.5)	157.9	(4.9)	154.7	(9.1)	150.9	(4.6)	154.5	(6.3)
Viet Nam	236.5	(6.4)	270.3	(35.8)	166.3	(11.3)	245.8	(7.0)	205.9	(8.1)	254.2	(10.9)	277.1	(14.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 9/10]  
**Students' learning time in school, by school features**  
 Results based on students' self-reports

Table IV.3.22

		Time spent per week in regular school lessons in mathematics, language-of-instruction and science (minutes)													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	689.1	(5.2)	688.3	(5.3)	701.7	(4.8)	695.2	(5.0)	695.7	(6.8)	693.9	(3.5)	691.1	(6.0)
	Austria	492.8	(11.4)	487.3	(7.8)	500.9	(7.8)	516.3	(7.7)	501.7	(14.4)	476.4	(9.9)	531.4	(10.5)
	Belgium	<b>602.1</b>	(5.6)	616.7	(6.6)	650.5	(7.6)	<b>666.5</b>	(6.7)	<b>574.7</b>	(10.1)	631.1	(8.6)	<b>664.9</b>	(6.2)
	Canada	<b>918.4</b>	(12.9)	920.8	(10.8)	951.6	(12.2)	<b>955.8</b>	(13.1)	881.2	(22.2)	962.3	(9.8)	927.9	(18.5)
	Chile	1 039.3	(26.2)	1 062.4	(23.3)	1 112.4	(28.8)	1 053.9	(24.0)	1 050.1	(21.8)	1 063.4	(31.2)	1 087.8	(27.8)
	Czech Republic	<b>557.2</b>	(9.1)	569.6	(8.3)	585.3	(8.0)	<b>599.6</b>	(6.8)	<b>549.1</b>	(15.9)	573.2	(7.0)	<b>616.0</b>	(9.9)
	Denmark	716.7	(12.6)	692.1	(8.7)	727.5	(11.5)	716.2	(10.6)	713.7	(10.7)	713.8	(10.1)	711.7	(11.8)
	Estonia	610.6	(6.2)	612.5	(6.1)	616.9	(4.7)	626.7	(5.7)	616.6	(8.0)	614.7	(4.7)	622.4	(6.0)
	Finland	<b>498.3</b>	(3.8)	513.6	(5.1)	518.8	(4.4)	<b>524.3</b>	(5.0)	507.7	(7.3)	513.6	(4.3)	518.6	(7.2)
	France	<b>565.5</b>	(10.8)	564.0	(10.3)	612.1	(11.2)	<b>646.8</b>	(9.0)	<b>543.4</b>	(12.3)	586.9	(8.8)	<b>641.7</b>	(8.7)
	Germany	636.9	(8.9)	643.2	(10.9)	641.3	(11.4)	638.8	(8.8)	653.3	(13.4)	623.7	(9.2)	655.3	(14.4)
	Greece	<b>608.3</b>	(5.1)	621.3	(4.7)	629.3	(5.1)	<b>633.8</b>	(4.6)	<b>602.7</b>	(9.2)	621.8	(3.0)	<b>633.7</b>	(4.3)
	Hungary	<b>503.3</b>	(8.8)	507.1	(6.2)	510.1	(7.6)	<b>527.5</b>	(7.6)	<b>491.8</b>	(12.3)	519.5	(7.8)	<b>525.3</b>	(7.3)
	Iceland	617.7	(9.3)	610.7	(8.4)	627.1	(8.6)	624.5	(7.6)	626.7	(11.2)	619.2	(5.6)	614.8	(6.9)
	Ireland	506.7	(5.5)	514.6	(4.3)	522.8	(5.3)	517.2	(4.2)	502.4	(10.1)	519.4	(4.1)	514.2	(6.0)
	Israel	<b>610.2</b>	(10.2)	615.9	(10.0)	619.1	(8.9)	<b>668.8</b>	(10.3)	613.8	(12.1)	626.9	(9.4)	644.1	(10.6)
	Italy	<b>652.3</b>	(3.7)	648.0	(3.3)	645.7	(4.0)	<b>638.0</b>	(4.9)	<b>662.7</b>	(4.3)	644.0	(4.4)	<b>634.3</b>	(6.3)
	Japan	<b>547.7</b>	(9.2)	588.3	(8.5)	619.3	(8.3)	<b>665.8</b>	(9.1)	<b>486.7</b>	(10.6)	606.3	(11.4)	<b>722.7</b>	(11.3)
	Korea	<b>578.4</b>	(8.7)	610.2	(9.0)	622.0	(12.5)	<b>656.2</b>	(17.7)	<b>519.4</b>	(11.7)	631.9	(9.6)	<b>685.7</b>	(32.2)
	Luxembourg	<b>548.7</b>	(4.6)	530.0	(5.0)	551.9	(5.1)	<b>584.7</b>	(4.4)	<b>544.8</b>	(3.1)	512.1	(6.3)	<b>579.2</b>	(2.9)
	Mexico	<b>714.4</b>	(5.7)	733.8	(6.5)	736.3	(7.2)	<b>753.6</b>	(6.8)	728.0	(6.4)	732.3	(6.1)	743.0	(7.4)
	Netherlands	506.1	(12.8)	488.2	(10.3)	516.6	(9.5)	492.4	(10.8)	<b>534.6</b>	(17.7)	494.5	(10.7)	<b>488.4</b>	(9.1)
	New Zealand	<b>713.2</b>	(9.6)	722.8	(7.2)	721.4	(9.8)	<b>768.0</b>	(11.2)	<b>726.3</b>	(12.1)	711.9	(7.5)	<b>778.6</b>	(15.3)
	Norway	556.1	(9.1)	553.7	(7.0)	548.9	(7.1)	558.8	(9.0)	581.9	(15.8)	548.8	(5.6)	560.9	(8.5)
	Poland	<b>580.3</b>	(5.0)	585.0	(4.2)	585.4	(4.1)	<b>597.6</b>	(4.9)	<b>579.9</b>	(7.7)	584.0	(5.4)	<b>603.0</b>	(6.2)
	Portugal	755.7	(31.0)	775.6	(17.4)	799.1	(15.7)	824.6	(21.4)	775.3	(33.9)	781.3	(11.2)	825.4	(35.9)
	Slovak Republic	<b>485.0</b>	(13.6)	474.3	(12.9)	513.8	(11.5)	<b>570.4</b>	(9.4)	<b>441.5</b>	(23.4)	511.4	(15.2)	<b>567.3</b>	(14.2)
	Slovenia	<b>479.0</b>	(5.0)	495.8	(4.9)	527.7	(5.3)	<b>552.4</b>	(4.5)	<b>447.9</b>	(3.4)	510.4	(4.1)	<b>578.7</b>	(3.2)
	Spain	<b>592.4</b>	(5.0)	591.2	(4.4)	595.4	(4.1)	<b>612.8</b>	(5.6)	<b>596.6</b>	(7.2)	587.9	(5.4)	<b>615.2</b>	(7.1)
	Sweden	552.1	(11.6)	543.4	(7.1)	549.5	(8.0)	543.9	(9.7)	540.3	(9.2)	544.7	(6.9)	550.9	(16.9)
	Switzerland	581.6	(8.3)	573.7	(9.1)	558.6	(9.7)	587.4	(10.4)	579.6	(10.1)	567.1	(8.8)	586.3	(14.3)
Turkey	<b>480.7</b>	(9.6)	518.8	(13.5)	542.2	(13.1)	<b>608.8</b>	(19.1)	<b>466.9</b>	(9.0)	496.6	(8.9)	<b>657.2</b>	(20.4)	
United Kingdom	<b>731.7</b>	(8.8)	745.7	(9.4)	742.1	(9.9)	<b>763.0</b>	(10.6)	746.9	(12.1)	730.6	(7.7)	779.3	(18.4)	
United States	<b>746.2</b>	(23.2)	731.8	(22.6)	773.6	(17.0)	<b>807.0</b>	(15.2)	723.8	(31.0)	773.7	(16.1)	785.4	(20.0)	
OECD average	<b>616.9</b>	(2.0)	622.1	(1.7)	637.6	(1.8)	<b>652.9</b>	(1.8)	<b>612.0</b>	(2.5)	627.3	(1.7)	<b>656.9</b>	(2.5)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>620.3</b>	(21.0)	685.8	(22.3)	737.0	(18.9)	<b>760.6</b>	(25.3)	<b>613.3</b>	(19.9)	690.8	(20.4)	<b>789.7</b>	(25.3)
	Brazil	<b>548.4</b>	(6.8)	560.8	(6.6)	586.1	(9.8)	<b>633.4</b>	(11.3)	<b>548.1</b>	(6.8)	571.4	(8.5)	<b>634.1</b>	(11.7)
	Bulgaria	539.8	(7.6)	530.4	(8.0)	520.5	(6.3)	530.3	(8.5)	545.2	(9.1)	526.0	(10.5)	522.3	(9.2)
	Colombia	<b>675.7</b>	(16.7)	697.4	(14.1)	706.9	(13.1)	<b>727.8</b>	(20.4)	695.2	(16.8)	687.0	(15.6)	724.9	(19.4)
	Costa Rica	<b>581.4</b>	(6.0)	577.8	(7.9)	600.7	(7.3)	<b>627.6</b>	(8.9)	<b>579.0</b>	(6.3)	579.4	(6.9)	<b>661.3</b>	(12.7)
	Croatia	<b>435.4</b>	(8.0)	465.9	(8.1)	504.4	(9.3)	<b>573.6</b>	(9.9)	<b>419.8</b>	(9.8)	476.4	(11.2)	<b>632.4</b>	(10.4)
	Cyprus*	<b>564.9</b>	(3.3)	563.9	(2.6)	567.6	(2.8)	<b>573.4</b>	(3.1)	<b>568.0</b>	(2.7)	559.9	(2.0)	<b>579.8</b>	(3.1)
	Hong Kong-China	<b>763.5</b>	(10.3)	773.9	(10.1)	768.6	(10.3)	<b>818.4</b>	(14.3)	<b>752.8</b>	(10.8)	793.2	(9.9)	<b>800.5</b>	(15.7)
	Indonesia	<b>548.3</b>	(16.7)	549.4	(17.2)	578.8	(20.7)	<b>660.9</b>	(29.2)	<b>532.0</b>	(15.3)	558.3	(22.1)	<b>696.0</b>	(29.1)
	Jordan	<b>755.0</b>	(10.0)	759.8	(9.3)	776.8	(8.7)	<b>779.2</b>	(8.5)	<b>744.2</b>	(10.6)	767.0	(6.5)	<b>793.9</b>	(8.5)
	Kazakhstan	<b>482.4</b>	(11.3)	461.6	(10.0)	499.6	(13.8)	<b>544.7</b>	(19.8)	488.8	(13.2)	479.8	(10.9)	528.8	(23.6)
	Latvia	<b>582.6</b>	(7.6)	593.6	(7.6)	617.6	(7.6)	<b>650.3</b>	(7.7)	<b>590.1</b>	(11.5)	598.1	(5.9)	<b>646.5</b>	(8.0)
	Liechtenstein	577.4	(23.2)	558.5	(14.5)	543.1	(39.6)	596.5	(44.3)	c	c	632.7	(35.1)	c	c
	Lithuania	692.5	(3.6)	694.3	(4.0)	694.9	(4.2)	698.0	(4.0)	<b>690.8</b>	(4.0)	690.0	(3.4)	<b>708.8</b>	(6.1)
	Macao-China	<b>698.4</b>	(5.6)	728.8	(5.9)	726.5	(6.2)	<b>754.1</b>	(6.6)	<b>693.9</b>	(4.0)	756.2	(7.3)	<b>765.6</b>	(5.4)
	Malaysia	<b>577.0</b>	(12.2)	547.2	(13.1)	576.9	(11.7)	<b>618.5</b>	(15.6)	<b>556.3</b>	(13.8)	573.5	(13.8)	<b>615.6</b>	(17.4)
	Montenegro	<b>379.3</b>	(4.8)	388.5	(5.1)	404.1	(4.9)	<b>420.4</b>	(3.8)	<b>367.3</b>	(3.5)	399.3	(5.0)	<b>427.1</b>	(3.1)
	Peru	757.2	(18.5)	710.8	(17.8)	755.3	(20.8)	777.2	(16.9)	<b>736.1</b>	(16.3)	730.2	(17.6)	<b>778.7</b>	(14.1)
	Qatar	731.7	(4.2)	744.6	(5.0)	763.9	(5.4)	737.0	(4.5)	<b>743.0</b>	(4.2)	724.6	(4.2)	<b>754.5</b>	(3.4)
	Romania	<b>478.0</b>	(8.7)	495.1	(8.2)	501.1	(9.3)	<b>578.8</b>	(11.6)	<b>479.6</b>	(11.0)	495.7	(11.1)	<b>566.6</b>	(13.9)
	Russian Federation	<b>602.7</b>	(9.7)	625.4	(8.2)	640.1	(10.3)	<b>676.7</b>	(10.3)	<b>624.1</b>	(14.1)	618.7	(9.3)	<b>674.9</b>	(11.0)
	Serbia	444.6	(8.6)	454.8	(7.5)	444.8	(6.8)	461.3	(7.0)	455.2	(10.5)	434.8	(6.8)	475.6	(7.4)
	Shanghai-China	<b>734.4</b>	(16.5)	747.8	(14.9)	791.0	(14.3)	<b>810.3</b>	(12.2)	<b>665.2</b>	(25.0)	809.6	(24.5)	<b>820.6</b>	(16.0)
	Singapore	<b>754.9</b>	(6.3)	798.5	(7.4)	835.0	(9.0)	<b>866.3</b>	(8.3)	<b>766.6</b>	(4.1)	801.2	(7.2)	<b>895.4</b>	(9.7)
	Chinese Taipei	<b>622.9</b>	(9.5)	678.6	(11.0)	705.9	(9.9)	<b>762.0</b>	(10.0)	<b>585.2</b>	(19.2)	696.0	(14.8)	<b>793.6</b>	(13.5)
	Thailand	<b>591.4</b>	(13.6)	585.8	(9.8)	602.1	(11.6)	<b>659.1</b>	(14.6)	<b>579.3</b>	(14.7)	586.2	(14.0)	<b>669.6</b>	(16.5)
Tunisia	<b>709.2</b>	(14.5)	743.0	(16.8)	752.5	(16.1)	<b>754.5</b>	(19.1)	<b>694.8</b>	(13.6)	746.1	(13.9)	<b>773.9</b>	(17.3)	
United Arab Emirates	851.5	(12.8)	894.2	(10.2)	916.5	(10.7)	885.4	(13.5)	886.5	(19.0)	891.7	(12.1)	880.8	(11.0)	
Uruguay	<b>436.9</b>	(9.7)	427.8	(9.9)	443.8	(11.6)	<b>466.9</b>	(10.3)	429.7	(9.6)	452.8	(9.3)	451.9	(14.8)	
Viet Nam	<b>633.6</b>	(13.0)	628.6	(14.3)	644.7	(13.7)	<b>694.1</b>	(16.7)	<b>627.0</b>	(14.3)	648.0	(16.1)	<b>687.4</b>	(19.4)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 10/10]  
**Students' learning time in school, by school features**  
*Results based on students' self-reports*


Table IV.3.22

	Time spent per week in regular school lessons in mathematics, language-of-instruction and science (minutes)													
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
<b>OECD</b>	<b>701.4</b>	(3.7)	<b>680.8</b>	(4.5)	<b>686.3</b>	(2.9)	<b>744.1</b>	(9.0)	695.2	(12.0)	690.6	(5.5)	694.3	(3.5)
Australia	500.8	(6.1)	482.5	(21.0)	<b>709.5</b>	(18.0)	<b>491.0</b>	(5.3)	491.9	(31.3)	495.3	(8.5)	508.6	(10.0)
Austria	635.4	(8.6)	628.7	(5.9)	663.9	(18.0)	631.5	(3.5)	666.3	(42.8)	629.2	(5.4)	642.0	(10.9)
Belgium	<b>948.6</b>	(8.2)	<b>814.5</b>	(38.9)	<b>873.9</b>	(14.5)	<b>946.8</b>	(8.8)	904.3	(18.4)	933.9	(10.8)	943.7	(11.9)
Canada	1 073.6	(23.9)	1 070.6	(20.5)	1 018.0	(95.8)	1 068.4	(15.6)	<b>987.9</b>	(38.8)	1 115.4	(23.0)	<b>1 039.2</b>	(21.5)
Chile	<b>582.6</b>	(5.7)	<b>503.0</b>	(26.0)	<b>619.7</b>	(5.7)	<b>530.1</b>	(7.2)	<b>624.5</b>	(22.0)	569.2	(7.6)	579.1	(9.7)
Czech Republic	711.2	(8.7)	719.3	(12.4)	713.1	(7.1)	c	c	707.4	(19.0)	714.3	(8.3)	716.2	(13.0)
Denmark	616.4	(3.4)	623.4	(20.1)	617.1	(3.4)	590.0	(28.4)	<b>625.3</b>	(8.1)	608.2	(3.6)	622.2	(6.6)
Estonia	<b>512.4</b>	(3.4)	<b>567.6</b>	(7.9)	513.5	(3.4)	c	c	501.6	(6.6)	509.6	(4.5)	<b>527.9</b>	(5.7)
Finland	598.8	(6.4)	593.2	(9.9)	<b>537.3</b>	(9.9)	<b>617.8</b>	(5.5)	<b>548.2</b>	(19.3)	596.9	(6.6)	612.3	(13.2)
France	641.2	(7.3)	626.8	(30.4)	642.0	(6.7)	537.7	(68.4)	c	c	637.0	(8.6)	649.5	(14.3)
Germany	623.1	(2.2)	c	c	c	c	625.5	(2.3)	624.8	(5.0)	619.9	(3.0)	628.7	(4.3)
Greece	509.3	(5.6)	521.9	(18.6)	<b>586.4</b>	(11.3)	<b>502.4</b>	(5.8)	522.8	(48.9)	515.6	(7.0)	503.5	(9.3)
Hungary	619.0	(4.3)	c	c	619.3	(4.2)	c	c	608.8	(8.6)	616.1	(5.2)	630.6	(8.3)
Iceland	516.0	(4.0)	513.9	(5.1)	<b>532.2</b>	(2.5)	<b>486.5</b>	(6.5)	521.9	(5.3)	518.0	(5.0)	504.1	(6.1)
Ireland	629.5	(5.6)	c	c	631.4	(13.8)	628.1	(5.9)	<b>603.9</b>	(15.5)	643.7	(7.5)	622.7	(10.5)
Israel	646.7	(3.0)	628.3	(21.6)	<b>809.1</b>	(20.0)	<b>643.6</b>	(2.9)	646.7	(23.2)	645.8	(3.9)	644.3	(5.2)
Italy	<b>583.0</b>	(6.6)	<b>657.3</b>	(16.4)	c	c	604.9	(6.3)	c	c	561.0	(14.0)	<b>621.7</b>	(8.6)
Japan	620.7	(14.6)	612.9	(11.6)	<b>510.5</b>	(9.6)	<b>623.3</b>	(9.8)	c	c	614.4	(19.4)	617.6	(10.5)
Korea	<b>549.8</b>	(2.0)	<b>573.2</b>	(6.6)	<b>549.9</b>	(2.3)	<b>559.2</b>	(3.8)	c	c	553.3	(1.9)	c	c
Luxembourg	735.2	(4.2)	734.8	(13.8)	<b>753.8</b>	(6.7)	<b>723.6</b>	(5.0)	<b>712.8</b>	(10.4)	740.1	(5.5)	735.9	(6.5)
Mexico	498.1	(10.4)	499.0	(8.4)	<b>515.2</b>	(7.5)	<b>469.2</b>	(9.5)	c	c	495.8	(7.5)	506.3	(12.7)
Netherlands	726.3	(5.9)	824.1	(61.6)	<b>633.4</b>	(12.8)	<b>738.1</b>	(6.6)	710.7	(20.7)	708.0	(7.7)	<b>748.4</b>	(10.2)
New Zealand	553.6	(4.5)	c	c	554.1	(4.4)	c	c	547.5	(8.2)	550.4	(6.3)	571.2	(11.0)
Norway	<b>584.9</b>	(3.8)	<b>653.6</b>	(13.8)	586.6	(3.6)	c	c	574.0	(8.1)	588.9	(4.0)	601.9	(7.2)
Poland	789.5	(15.8)	784.1	(26.2)	<b>722.4</b>	(10.6)	<b>857.5</b>	(25.8)	882.1	(130.8)	791.2	(12.1)	<b>746.9</b>	(17.4)
Portugal	506.1	(7.9)	553.8	(60.6)	<b>641.8</b>	(6.2)	<b>432.3</b>	(9.2)	<b>640.7</b>	(9.5)	494.1	(11.3)	502.7	(22.3)
Slovak Republic	<b>514.7</b>	(2.3)	<b>561.7</b>	(8.6)	c	c	511.1	(2.0)	531.8	(27.1)	515.0	(2.5)	516.7	(4.4)
Slovenia	<b>586.0</b>	(3.3)	<b>617.7</b>	(6.0)	598.1	(3.1)	c	c	561.1	(16.0)	593.2	(4.9)	606.7	(6.1)
Spain	550.2	(4.9)	531.3	(36.4)	<b>545.2</b>	(6.2)	<b>666.1</b>	(51.6)	536.8	(9.1)	546.8	(10.3)	556.7	(11.3)
Sweden	572.8	(5.2)	623.4	(48.4)	<b>589.9</b>	(5.7)	<b>526.1</b>	(13.5)	607.5	(18.9)	576.4	(6.6)	558.1	(18.2)
Switzerland	534.4	(9.1)	c	c	539.4	(27.4)	537.2	(9.5)	<b>623.1</b>	(27.9)	558.5	(19.6)	514.8	(12.9)
Turkey	738.0	(7.7)	755.2	(12.5)	c	c	746.2	(6.5)	770.4	(24.8)	734.6	(7.5)	766.7	(16.9)
United Kingdom	768.9	(14.3)	733.5	(47.3)	718.4	(28.7)	770.3	(13.5)	<b>688.8</b>	(17.6)	807.3	(17.9)	<b>730.3</b>	(21.6)
United States	631.7	(1.4)	644.5	(4.7)	<b>641.1</b>	(3.7)	<b>636.0</b>	(3.5)	643.7	(5.6)	632.0	(1.7)	635.5	(2.0)
OECD average														
<b>Partners</b>	494.9	(4.0)	504.3	(9.5)	<b>505.4</b>	(5.3)	<b>489.0</b>	(4.7)	489.0	(6.2)	502.4	(6.5)	490.6	(6.5)
Albania	<b>647.1</b>	(13.9)	<b>802.7</b>	(23.1)	<b>650.2</b>	(19.4)	<b>725.9</b>	(14.6)	631.6	(40.7)	695.0	(18.3)	715.3	(19.3)
Argentina	<b>563.3</b>	(4.8)	<b>662.5</b>	(17.4)	<b>601.3</b>	(9.5)	<b>578.4</b>	(6.1)	550.8	(33.3)	566.0	(7.3)	<b>598.2</b>	(7.3)
Brazil	530.0	(5.2)	c	c	<b>648.9</b>	(25.0)	<b>527.3</b>	(5.0)	<b>603.3</b>	(25.3)	531.9	(6.5)	522.6	(8.8)
Bulgaria	<b>690.3</b>	(9.5)	<b>766.2</b>	(27.9)	720.0	(14.4)	691.4	(12.4)	723.2	(35.9)	668.8	(18.1)	716.3	(14.0)
Colombia	<b>583.2</b>	(4.8)	<b>689.1</b>	(19.8)	<b>605.2</b>	(4.6)	<b>584.6</b>	(9.7)	605.2	(9.4)	590.3	(6.4)	611.6	(20.4)
Costa Rica	492.1	(7.1)	c	c	c	c	494.7	(6.9)	c	c	468.6	(7.1)	<b>539.0</b>	(14.1)
Croatia	<b>562.6</b>	(1.4)	<b>610.0</b>	(6.3)	<b>645.7</b>	(8.7)	<b>565.0</b>	(1.4)	<b>580.0</b>	(6.7)	563.6	(1.8)	<b>572.8</b>	(2.9)
Cyprus*	782.3	(12.1)	782.1	(7.6)	<b>748.2</b>	(7.9)	<b>799.4</b>	(8.5)	c	c	c	c	781.9	(7.0)
Hong Kong-China	604.8	(18.1)	560.4	(19.4)	606.0	(17.0)	564.0	(19.4)	554.7	(25.3)	589.0	(18.6)	612.2	(30.7)
Indonesia	764.8	(4.9)	782.6	(10.3)	767.8	(4.4)	c	c	772.9	(13.6)	764.6	(7.1)	770.0	(6.3)
Jordan	496.5	(10.7)	561.4	(37.6)	<b>476.3</b>	(9.5)	<b>556.4</b>	(21.5)	489.8	(11.6)	484.9	(19.2)	510.4	(20.7)
Kazakhstan	608.3	(4.8)	c	c	609.3	(4.7)	643.1	(18.4)	<b>593.7</b>	(8.4)	618.6	(7.4)	611.3	(8.2)
Latvia	582.6	(19.5)	c	c	582.7	(20.9)	c	c	c	c	579.4	(18.5)	c	c
Liechtenstein	694.1	(2.6)	c	c	694.7	(2.5)	c	c	691.8	(4.7)	698.2	(3.9)	692.5	(4.0)
Lithuania	c	c	730.3	(3.0)	<b>686.8</b>	(3.3)	<b>781.4</b>	(5.1)	c	c	c	c	726.7	(3.0)
Macao-China	578.6	(7.9)	651.4	(65.9)	557.5	(18.5)	580.7	(8.1)	575.7	(23.0)	583.5	(11.0)	573.6	(15.5)
Malaysia	397.5	(2.1)	c	c	c	c	397.7	(2.1)	c	c	407.5	(2.8)	<b>375.8</b>	(3.1)
Montenegro	<b>739.6</b>	(10.4)	<b>839.3</b>	(22.4)	720.4	(24.9)	758.9	(9.0)	748.1	(19.2)	767.8	(15.0)	735.5	(13.7)
Peru	<b>722.7</b>	(2.6)	<b>781.1</b>	(4.0)	<b>781.1</b>	(6.4)	<b>737.0</b>	(2.3)	<b>749.8</b>	(7.2)	722.0	(3.5)	<b>761.8</b>	(3.7)
Qatar	512.5	(6.7)	c	c	513.1	(6.7)	c	c	538.8	(15.4)	501.6	(9.1)	526.3	(14.2)
Romania	634.7	(6.4)	c	c	633.0	(7.0)	649.8	(12.2)	599.8	(14.7)	626.8	(10.9)	<b>657.7</b>	(10.3)
Russian Federation	450.8	(5.3)	c	c	c	c	450.9	(4.9)	c	c	449.4	(7.4)	453.8	(6.8)
Serbia	763.2	(10.6)	845.9	(49.4)	<b>965.6</b>	(15.2)	<b>629.1</b>	(8.0)	c	c	c	c	770.9	(9.5)
Shanghai-China	811.1	(2.5)	c	c	<b>624.3</b>	(7.0)	<b>818.1</b>	(3.8)	c	c	c	c	814.9	(3.8)
Singapore	<b>725.9</b>	(6.8)	<b>624.8</b>	(17.6)	<b>819.4</b>	(9.8)	<b>617.3</b>	(8.4)	c	c	705.8	(17.2)	686.1	(12.4)
Chinese Taipei	<b>628.0</b>	(8.2)	<b>507.1</b>	(22.7)	<b>558.5</b>	(8.0)	<b>622.6</b>	(9.1)	<b>658.0</b>	(21.6)	584.3	(11.8)	624.4	(18.3)
Thailand	741.2	(9.3)	c	c	<b>669.3</b>	(12.1)	<b>776.8</b>	(12.3)	722.3	(47.8)	743.2	(11.0)	731.8	(17.8)
Tunisia	<b>921.8</b>	(10.7)	<b>862.2</b>	(10.5)	<b>734.3</b>	(13.2)	<b>909.6</b>	(7.0)	900.2	(28.2)	909.8	(14.5)	<b>873.3</b>	(8.0)
United Arab Emirates	439.7	(6.8)	460.5	(19.2)	444.9	(9.6)	443.2	(7.8)	424.1	(19.1)	440.8	(9.4)	451.4	(9.8)
Uruguay	<b>643.8</b>	(9.3)	<b>744.6</b>	(47.6)	617.2	(17.6)	653.5	(10.2)	618.7	(14.8)	653.5	(14.1)	<b>703.9</b>	(19.0)
Viet Nam														

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Percentage of students attending after-school lessons, by hours per week**  
 Results based on students' self-reports

Table IV.3.25


	Mathematics			Language of instruction			Science			Other subjects		
	No attendance	Less than 4 a week	Four a week or more	No attendance	Less than 4 a week	Four a week or more	No attendance	Less than 4 a week	Four a week or more	No attendance	Less than 4 a week	Four a week or more
	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.
<b>OECD</b>												
Australia	72.9 (0.6)	23.0 (0.6)	4.1 (0.2)	80.2 (0.5)	16.5 (0.5)	3.3 (0.2)	84.5 (0.5)	12.6 (0.5)	2.8 (0.2)	74.3 (0.6)	19.1 (0.5)	6.5 (0.3)
Austria	76.9 (1.0)	20.8 (1.0)	2.3 (0.3)	91.6 (0.7)	7.6 (0.6)	0.8 (0.2)	94.6 (0.6)	4.7 (0.5)	0.7 (0.2)	82.2 (0.8)	16.0 (0.8)	1.7 (0.3)
Belgium	65.5 (0.8)	27.8 (0.7)	6.7 (0.4)	75.9 (0.6)	19.2 (0.6)	4.9 (0.3)	75.1 (0.8)	21.1 (0.8)	3.8 (0.3)	68.8 (0.7)	24.4 (0.6)	6.8 (0.4)
Canada	72.7 (0.7)	22.0 (0.6)	5.3 (0.3)	80.4 (0.5)	15.2 (0.4)	4.4 (0.2)	80.3 (0.6)	15.6 (0.5)	4.1 (0.3)	72.3 (0.6)	19.7 (0.5)	8.0 (0.4)
Chile	62.4 (1.1)	22.9 (0.9)	14.7 (0.7)	72.3 (1.0)	14.3 (0.8)	13.4 (0.7)	71.4 (0.9)	21.2 (0.8)	7.4 (0.5)	68.7 (1.0)	23.2 (0.9)	8.1 (0.5)
Czech Republic	63.2 (1.1)	31.0 (0.9)	5.7 (0.6)	69.0 (1.0)	27.1 (0.9)	3.9 (0.5)	67.2 (1.2)	27.3 (1.1)	5.5 (0.5)	58.0 (1.1)	34.3 (1.2)	7.6 (0.5)
Denmark	59.0 (0.9)	32.9 (0.9)	8.0 (0.5)	60.7 (0.8)	28.2 (0.9)	11.1 (0.6)	63.7 (0.9)	33.1 (0.8)	3.2 (0.3)	57.9 (0.9)	32.7 (0.8)	9.3 (0.5)
Estonia	63.2 (1.0)	27.2 (0.9)	9.6 (0.6)	74.9 (0.9)	20.3 (0.8)	4.9 (0.5)	70.7 (0.9)	24.9 (0.9)	4.5 (0.4)	60.6 (1.0)	30.5 (1.1)	8.9 (0.5)
Finland	52.6 (0.9)	37.8 (1.0)	9.6 (0.5)	53.1 (0.9)	41.4 (1.0)	5.4 (0.5)	54.0 (0.9)	41.4 (1.0)	4.7 (0.4)	42.4 (0.9)	42.3 (0.9)	15.3 (0.6)
France	64.4 (1.1)	29.7 (1.0)	5.9 (0.4)	72.1 (0.9)	22.1 (0.8)	5.8 (0.4)	73.7 (0.9)	22.9 (0.9)	3.4 (0.3)	69.4 (0.9)	24.3 (0.9)	6.4 (0.4)
Germany	71.4 (0.9)	25.6 (0.8)	3.0 (0.3)	84.0 (0.8)	14.3 (0.8)	1.7 (0.2)	84.7 (0.7)	13.4 (0.7)	1.9 (0.3)	72.0 (0.8)	24.4 (0.8)	3.6 (0.4)
Greece	44.7 (1.3)	39.8 (1.3)	15.6 (0.8)	64.1 (0.9)	31.4 (0.9)	4.6 (0.5)	52.3 (1.2)	35.9 (1.1)	11.8 (0.7)	56.0 (0.9)	29.2 (0.8)	14.8 (0.7)
Hungary	69.4 (0.9)	28.3 (0.9)	2.3 (0.3)	88.0 (0.6)	10.5 (0.6)	1.5 (0.2)	87.1 (0.7)	11.2 (0.7)	1.7 (0.2)	73.5 (0.9)	22.9 (0.9)	3.6 (0.4)
Iceland	68.1 (1.0)	24.9 (0.9)	7.1 (0.6)	80.6 (0.9)	13.4 (0.7)	6.0 (0.5)	85.1 (0.8)	12.8 (0.7)	2.1 (0.3)	73.9 (0.9)	18.9 (0.8)	7.2 (0.6)
Ireland	75.9 (0.8)	21.2 (0.8)	2.9 (0.3)	87.6 (0.8)	10.3 (0.7)	2.1 (0.3)	88.1 (0.7)	10.2 (0.6)	1.7 (0.2)	76.5 (0.9)	19.4 (0.8)	4.1 (0.3)
Israel	48.2 (1.3)	41.7 (1.2)	10.1 (0.7)	73.4 (1.1)	23.1 (1.0)	3.5 (0.3)	77.5 (0.9)	17.7 (0.8)	4.8 (0.4)	57.6 (1.1)	33.9 (0.8)	8.5 (0.5)
Italy	48.8 (0.5)	39.8 (0.5)	11.4 (0.3)	61.9 (0.6)	26.9 (0.5)	11.2 (0.4)	63.7 (0.5)	30.8 (0.5)	5.5 (0.2)	50.3 (0.5)	36.3 (0.5)	13.4 (0.4)
Japan	30.2 (1.2)	55.7 (1.2)	14.1 (1.0)	42.4 (1.1)	53.5 (1.0)	4.1 (0.4)	45.8 (1.1)	50.3 (1.0)	3.9 (0.4)	30.5 (1.2)	57.1 (0.9)	12.3 (0.8)
Korea	34.0 (1.6)	39.7 (1.6)	26.3 (1.1)	47.5 (2.0)	42.8 (2.0)	9.8 (0.8)	60.8 (2.1)	32.3 (1.9)	6.9 (0.8)	35.4 (1.7)	44.3 (1.6)	20.2 (1.0)
Luxembourg	63.0 (0.8)	29.1 (0.8)	7.9 (0.4)	77.3 (0.7)	17.8 (0.7)	5.0 (0.4)	77.2 (0.7)	19.1 (0.6)	3.8 (0.3)	66.9 (0.7)	26.3 (0.6)	6.8 (0.4)
Mexico	55.9 (0.6)	30.8 (0.5)	13.4 (0.3)	61.6 (0.5)	27.1 (0.5)	11.3 (0.3)	59.7 (0.5)	28.3 (0.5)	12.1 (0.3)	58.8 (0.6)	29.2 (0.5)	11.9 (0.4)
Netherlands	71.8 (1.0)	24.3 (1.0)	3.9 (0.5)	79.3 (1.2)	17.6 (1.0)	3.1 (0.4)	80.7 (1.0)	16.0 (0.9)	3.3 (0.4)	74.6 (1.0)	19.7 (0.8)	5.7 (0.5)
New Zealand	72.6 (1.2)	20.9 (1.1)	6.5 (0.5)	79.0 (1.1)	14.6 (0.9)	6.3 (0.6)	81.3 (0.9)	13.1 (0.7)	5.6 (0.5)	71.0 (0.8)	19.1 (0.8)	9.9 (0.7)
Norway	77.3 (0.8)	18.3 (0.8)	4.4 (0.4)	82.9 (0.6)	12.9 (0.6)	4.2 (0.4)	83.9 (0.7)	14.3 (0.6)	1.8 (0.3)	80.7 (0.7)	14.0 (0.7)	5.3 (0.4)
Poland	52.4 (1.4)	44.1 (1.4)	3.5 (0.5)	65.0 (1.5)	32.1 (1.5)	3.0 (0.4)	64.3 (1.3)	33.2 (1.3)	2.6 (0.3)	40.4 (1.1)	48.2 (1.0)	11.4 (0.8)
Portugal	46.4 (1.0)	39.3 (1.0)	14.2 (0.7)	57.2 (1.0)	33.8 (0.9)	8.9 (0.7)	69.2 (1.0)	24.7 (0.9)	6.2 (0.5)	55.8 (1.0)	36.1 (1.0)	8.2 (0.5)
Slovak Republic	69.5 (1.1)	26.7 (1.1)	3.9 (0.5)	77.3 (0.9)	19.1 (0.8)	3.5 (0.4)	82.0 (0.9)	15.1 (0.8)	2.9 (0.3)	69.8 (1.0)	24.8 (0.9)	5.4 (0.4)
Slovenia	72.6 (1.0)	24.9 (1.0)	2.5 (0.3)	87.8 (0.7)	10.7 (0.6)	1.5 (0.2)	84.8 (0.9)	13.7 (0.9)	1.5 (0.2)	78.5 (0.8)	18.3 (0.8)	3.2 (0.2)
Spain	61.3 (0.9)	30.5 (0.7)	8.1 (0.5)	81.2 (0.6)	15.0 (0.6)	3.7 (0.2)	76.1 (0.7)	19.2 (0.6)	4.6 (0.3)	62.0 (0.7)	31.0 (0.6)	7.0 (0.4)
Sweden	60.4 (1.0)	33.6 (1.0)	6.0 (0.6)	63.7 (1.0)	30.6 (0.9)	5.7 (0.5)	64.0 (0.9)	29.9 (0.9)	6.0 (0.5)	54.4 (1.0)	34.2 (0.9)	11.4 (0.7)
Switzerland	71.3 (0.9)	24.2 (0.8)	4.5 (0.4)	80.5 (0.6)	16.2 (0.6)	3.3 (0.3)	82.8 (0.7)	15.4 (0.6)	1.9 (0.2)	70.5 (0.8)	24.4 (0.7)	5.0 (0.4)
Turkey	66.1 (1.3)	24.0 (1.0)	9.9 (0.6)	75.1 (1.1)	19.6 (1.0)	5.3 (0.4)	76.0 (1.1)	16.5 (0.7)	7.5 (0.7)	73.4 (1.1)	19.1 (0.9)	7.5 (0.5)
United Kingdom	58.3 (1.2)	32.8 (1.3)	8.9 (0.7)	66.6 (1.0)	24.9 (1.1)	8.5 (0.7)	65.1 (1.0)	24.4 (1.1)	10.5 (0.8)	49.6 (1.0)	36.7 (1.0)	13.7 (0.6)
United States	70.3 (1.0)	23.8 (1.0)	5.9 (0.4)	74.7 (0.9)	20.2 (0.9)	5.1 (0.4)	75.4 (0.9)	19.5 (0.9)	5.0 (0.4)	67.2 (1.0)	23.1 (0.9)	9.7 (0.5)
OECD average	62.1 (0.2)	30.0 (0.2)	7.9 (0.1)	72.6 (0.2)	22.1 (0.1)	5.3 (0.1)	73.6 (0.2)	21.8 (0.1)	4.6 (0.1)	63.4 (0.2)	28.2 (0.1)	8.5 (0.1)
<b>Partners</b>												
Albania	40.8 (1.1)	48.6 (1.1)	10.6 (0.7)	52.9 (1.3)	38.7 (1.2)	8.4 (0.6)	56.0 (1.1)	37.6 (1.0)	6.4 (0.5)	52.7 (1.0)	36.0 (0.9)	11.3 (0.8)
Argentina	63.4 (1.1)	33.0 (1.0)	3.6 (0.5)	74.7 (0.9)	22.4 (0.8)	2.9 (0.3)	73.2 (1.0)	23.1 (0.8)	3.8 (0.5)	63.4 (1.1)	29.6 (0.9)	6.9 (0.7)
Brazil	41.8 (0.9)	42.1 (0.6)	16.1 (0.5)	46.0 (0.8)	40.6 (0.7)	13.5 (0.5)	50.6 (0.8)	42.5 (0.8)	7.0 (0.3)	40.7 (0.7)	46.8 (0.6)	12.4 (0.5)
Bulgaria	60.1 (0.9)	33.9 (0.8)	6.0 (0.5)	69.3 (1.0)	25.8 (0.9)	5.0 (0.4)	64.7 (1.1)	21.5 (0.8)	13.8 (0.7)	58.5 (1.0)	30.5 (0.9)	11.0 (0.6)
Colombia	34.5 (1.4)	42.9 (1.4)	22.6 (1.0)	42.6 (1.7)	40.7 (1.5)	16.8 (1.0)	36.5 (1.3)	45.2 (1.1)	18.2 (1.0)	45.3 (1.4)	31.0 (1.4)	23.7 (1.2)
Costa Rica	57.0 (1.4)	33.9 (1.3)	9.0 (0.5)	78.2 (1.0)	16.2 (0.9)	5.6 (0.4)	72.4 (0.9)	19.7 (0.8)	7.9 (0.4)	70.1 (1.0)	22.0 (0.9)	9.9 (0.6)
Croatia	65.2 (1.2)	31.4 (1.1)	3.4 (0.3)	88.5 (0.7)	9.1 (0.6)	2.4 (0.3)	85.8 (0.8)	13.1 (0.7)	1.1 (0.2)	81.5 (0.8)	15.6 (0.7)	3.0 (0.4)
Cyprus*	37.5 (0.9)	57.8 (0.9)	4.7 (0.4)	82.0 (0.7)	15.3 (0.7)	2.7 (0.3)	81.0 (0.7)	15.8 (0.7)	3.1 (0.3)	35.0 (0.7)	51.3 (0.8)	13.7 (0.5)
Hong Kong-China	53.3 (1.2)	40.7 (1.1)	6.0 (0.4)	75.5 (1.1)	22.5 (1.2)	2.0 (0.3)	71.0 (1.0)	24.3 (0.8)	4.7 (0.5)	58.4 (1.2)	36.6 (1.2)	5.0 (0.4)
Indonesia	54.0 (1.7)	37.4 (1.5)	8.7 (0.7)	65.0 (1.6)	28.5 (1.4)	6.5 (0.6)	56.6 (1.6)	34.9 (1.3)	8.5 (0.7)	57.9 (1.4)	34.0 (1.2)	8.1 (0.7)
Jordan	51.3 (0.9)	33.4 (0.9)	15.3 (0.6)	62.8 (1.0)	24.8 (0.9)	12.5 (0.6)	55.2 (1.0)	30.2 (1.0)	14.7 (0.6)	56.0 (0.9)	30.5 (0.9)	13.5 (0.6)
Kazakhstan	29.6 (1.3)	53.9 (1.3)	16.5 (0.9)	42.1 (1.4)	50.5 (1.4)	7.4 (0.5)	41.6 (1.3)	44.4 (1.1)	14.0 (0.9)	30.5 (1.1)	48.9 (1.1)	20.6 (0.9)
Latvia	55.6 (1.3)	39.8 (1.2)	4.6 (0.5)	73.0 (1.2)	24.7 (1.2)	2.2 (0.3)	82.0 (1.1)	15.9 (0.9)	2.1 (0.3)	49.3 (1.1)	41.5 (1.1)	9.3 (0.7)
Liechtenstein	74.0 (3.3)	21.7 (3.3)	4.3 (1.3)	84.1 (2.6)	13.9 (2.5)	2.0 (1.0)	85.0 (2.5)	13.3 (2.5)	1.7 (0.9)	74.9 (3.2)	23.1 (3.1)	2.0 (1.0)
Lithuania	59.6 (1.2)	33.6 (1.3)	6.8 (0.5)	66.7 (1.1)	25.2 (1.0)	8.1 (0.5)	67.1 (1.0)	27.1 (0.9)	5.7 (0.4)	56.3 (1.0)	31.9 (0.9)	11.7 (0.6)
Macao-China	59.5 (0.9)	29.9 (0.8)	10.6 (0.5)	75.5 (0.7)	20.2 (0.7)	4.4 (0.4)	73.8 (0.7)	21.1 (0.7)	5.1 (0.4)	58.1 (0.8)	32.0 (0.8)	9.9 (0.5)
Malaysia	28.0 (1.0)	55.7 (1.0)	16.3 (0.8)	37.0 (0.9)	53.1 (0.9)	10.0 (0.6)	31.2 (0.9)	54.0 (0.9)	14.9 (0.7)	27.3 (0.8)	57.7 (0.8)	15.0 (0.7)
Montenegro	62.2 (1.0)	31.6 (1.0)	6.2 (0.4)	85.4 (0.6)	10.7 (0.6)	3.9 (0.4)	81.6 (0.7)	14.8 (0.7)	3.6 (0.4)	75.2 (0.8)	19.0 (0.7)	5.8 (0.4)
Peru	28.1 (0.9)	43.2 (0.9)	28.6 (0.8)	33.7 (1.0)	42.8 (0.9)	23.5 (0.8)	32.8 (1.1)	49.4 (1.0)	17.8 (0.8)	31.1 (0.9)	50.0 (0.8)	18.9 (0.7)
Qatar	42.2 (0.6)	39.3 (0.6)	18.5 (0.4)	60.2 (0.5)	30.8 (0.4)	9.0 (0.3)	46.4 (0.5)	34.9 (0.5)	18.7 (0.4)	49.5 (0.6)	34.5 (0.6)	16.0 (0.5)
Romania	57.8 (1.0)	35.1 (1.0)	7.1 (0.5)	62.6 (1.2)	30.3 (1.1)	7.1 (0.6)	68.2 (1.1)	26.5 (1.0)	5.2 (0.5)	57.2 (1.0)	33.6 (1.0)	9.2 (0.5)
Russian Federation	30.0 (1.6)	59.1 (1.4)	10.9 (0.6)	37.9 (1.8)	55.9 (1.7)	6.2 (0.4)	55.7 (1.5)	37.8 (1.5)	6.5 (0.4)	47.3 (1.4)	43.1 (1.3)	9.7 (0.6)
Serbia	55.3 (1.1)	38.1 (1.0)	6.6 (0.5)	74.4 (1.0)	21.4 (0.7)	4.2 (0.5)	71.4 (0.9)	23.2 (0.9)	5.4 (0.5)	64.4 (1.1)	26.3 (0.9)	9.3 (0.6)
Shanghai-China	29.3 (1.1)	55.1 (1.1)	15.6 (0.6)	48.8 (0.9)	40.6 (0.9)	10.6 (0.6)	44.8 (1.1)	43.5 (1.1)	11.6 (0.6)	43.2 (1.0)	47.0 (0.9)	9.8 (0.6)
Singapore	32.5 (1.0)	49.6 (0.8)	18.0 (0.6)	54.4 (0.9)	37.5 (0.9)	8.2 (0.5)	45.9 (1.0)	41.1 (0.9)	13.0 (0.5)	48.6 (1.0)	40.7 (0.9)	10.7 (0.5)
Chinese Taipei	42.9 (0.9)	40.5 (0.9)	16.6 (0.7)	56.3 (0.8)	34.8 (0.8)	8.9 (0.5)	53.0 (0.8)	35.7 (0.7)	11.2 (0.6)	43.3 (0.9)	42.3 (0.9)	14.5 (0.7)
Thailand	41.2 (1.0)	48.7 (1.0)	10.1 (0.6)	74.2 (1.1)	23.3 (1.0)	2.5 (0.2)	54.6 (1.3)	34.6 (1.2)	10.8 (0.7)	61.9 (1.3)	30.9 (1.2)	7.1 (0.5)
Tunisia	21.8 (1.0)	50.1 (1.1)	28.2 (1.1)	37.9 (1.2)	47.5 (1.1)	14.6 (0.7)	30.3 (1.0)	52.0 (0.9)	17.7 (0.7)	26.8 (0.9)	51.4 (1.0)	21.8 (1.0)
United Arab Emirates	50.2 (0.7)	32.6 (0.6)	17.1 (0.6)	67.6 (0.9)	23.0 (0.7)	9.3 (0.4)	58.2 (0.9)	26.1 (0.6)	15.7 (0.6)	58.0 (0.8)	29.1 (0.7)	12.9 (0.4)
Uruguay	65.5 (1.0)	26.1 (0.8)	8.4 (0.6)	76.8 (0.8)	18.0 (0.7)	5.2 (0.4)	70.9 (0.9)	23.9 (0.8)	5.2 (0.4)	64.7 (0.9)	25.9 (0.7)	9.4 (0.6)
Viet Nam	1											

[Part 1/1]  
**Hours of after-school study time per week**  
 Results based on students' self-reports

Table IV.3.27

		Average number of hours per week spent on the following, all school subjects combined:											
		Homework or other study set by teachers		Homework or other study set by teachers, with somebody overlooking and providing help if necessary, either at school or elsewhere		Work with a personal tutor whether paid or not		Attend after-school classes organised by a commercial company, and paid for by parents		Study with a parent or other family member		Work on a computer for practice (e.g. learn vocabulary with training software)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD	Australia	6.0	(0.1)	1.3	(0.0)	0.5	(0.0)	0.4	(0.0)	1.0	(0.0)	1.2	(0.0)
	Austria	4.5	(0.1)	1.0	(0.0)	0.4	(0.0)	0.2	(0.0)	1.1	(0.0)	1.0	(0.0)
	Belgium	5.5	(0.1)	0.7	(0.0)	0.3	(0.0)	0.2	(0.0)	0.7	(0.0)	0.9	(0.0)
	Canada	5.5	(0.1)	1.2	(0.0)	0.4	(0.0)	0.3	(0.0)	0.9	(0.0)	0.8	(0.0)
	Chile	3.5	(0.1)	1.7	(0.0)	0.6	(0.0)	0.4	(0.0)	1.4	(0.0)	1.4	(0.0)
	Czech Republic	3.1	(0.1)	0.8	(0.0)	0.4	(0.0)	0.4	(0.0)	0.9	(0.0)	1.3	(0.1)
	Denmark	4.3	(0.1)	0.9	(0.0)	0.2	(0.0)	0.1	(0.0)	1.0	(0.0)	0.7	(0.0)
	Estonia	6.9	(0.1)	1.5	(0.0)	0.6	(0.0)	0.8	(0.0)	0.9	(0.0)	1.5	(0.0)
	Finland	2.8	(0.1)	0.5	(0.0)	0.1	(0.0)	0.1	(0.0)	0.4	(0.0)	0.4	(0.0)
	France	5.1	(0.1)	1.0	(0.0)	0.4	(0.0)	0.2	(0.0)	0.9	(0.0)	0.9	(0.0)
	Germany	4.7	(0.1)	0.2	(0.0)	0.5	(0.0)	0.6	(0.0)	1.0	(0.0)	1.3	(0.0)
	Greece	5.3	(0.1)	2.0	(0.1)	2.1	(0.1)	3.0	(0.1)	0.9	(0.0)	1.2	(0.0)
	Hungary	6.2	(0.1)	2.1	(0.1)	0.9	(0.1)	0.3	(0.0)	1.3	(0.0)	1.3	(0.0)
	Iceland	4.1	(0.1)	1.3	(0.0)	0.5	(0.0)	0.2	(0.0)	1.1	(0.0)	0.8	(0.0)
	Ireland	7.3	(0.1)	1.6	(0.1)	0.4	(0.0)	0.3	(0.0)	0.7	(0.0)	0.7	(0.0)
	Israel	4.6	(0.1)	1.4	(0.0)	1.3	(0.0)	0.8	(0.0)	1.1	(0.0)	1.2	(0.1)
	Italy	8.7	(0.1)	1.9	(0.0)	1.0	(0.0)	0.5	(0.0)	1.2	(0.0)	1.8	(0.0)
	Japan	3.8	(0.1)	0.8	(0.0)	0.1	(0.0)	0.6	(0.1)	0.3	(0.0)	0.1	(0.0)
	Korea	2.9	(0.1)	0.9	(0.0)	1.4	(0.1)	3.6	(0.2)	0.4	(0.0)	1.1	(0.0)
	Luxembourg	4.6	(0.1)	1.1	(0.0)	0.5	(0.0)	0.4	(0.0)	1.0	(0.0)	1.1	(0.0)
	Mexico	5.2	(0.1)	2.3	(0.0)	1.1	(0.0)	0.7	(0.0)	1.7	(0.0)	2.7	(0.0)
	Netherlands	5.8	(0.1)	1.0	(0.0)	0.4	(0.0)	0.3	(0.0)	1.0	(0.0)	1.4	(0.1)
	New Zealand	4.2	(0.1)	1.0	(0.0)	0.4	(0.0)	0.2	(0.0)	0.8	(0.0)	0.7	(0.0)
	Norway	4.7	(0.1)	0.9	(0.0)	0.2	(0.0)	0.2	(0.0)	1.0	(0.0)	1.1	(0.0)
	Poland	6.6	(0.1)	1.9	(0.1)	1.1	(0.0)	0.7	(0.0)	1.2	(0.0)	1.9	(0.1)
	Portugal	3.8	(0.1)	1.3	(0.0)	1.1	(0.0)	0.4	(0.0)	0.8	(0.0)	1.1	(0.0)
	Slovak Republic	3.2	(0.1)	1.0	(0.0)	0.5	(0.0)	0.5	(0.0)	0.8	(0.0)	1.5	(0.0)
	Slovenia	3.7	(0.1)	1.2	(0.1)	0.6	(0.0)	0.5	(0.0)	1.0	(0.1)	1.4	(0.0)
	Spain	6.5	(0.1)	1.7	(0.1)	1.3	(0.0)	1.1	(0.0)	1.0	(0.0)	1.2	(0.0)
	Sweden	3.6	(0.1)	1.2	(0.0)	0.2	(0.0)	0.2	(0.0)	1.2	(0.0)	0.9	(0.0)
	Switzerland	4.0	(0.1)	0.9	(0.0)	0.4	(0.0)	0.3	(0.0)	1.0	(0.0)	0.9	(0.0)
	Turkey	4.2	(0.1)	2.1	(0.0)	1.3	(0.1)	1.9	(0.1)	1.7	(0.1)	2.3	(0.1)
United Kingdom	4.9	(0.1)	1.0	(0.0)	0.4	(0.0)	0.3	(0.0)	0.9	(0.0)	1.2	(0.0)	
United States	6.1	(0.2)	1.5	(0.1)	0.4	(0.0)	0.3	(0.0)	1.2	(0.1)	1.2	(0.1)	
OECD average	4.9	(0.0)	1.3	(0.0)	0.7	(0.0)	0.6	(0.0)	1.0	(0.0)	1.2	(0.0)	
Partners	Albania	5.1	(0.1)	3.2	(0.1)	2.2	(0.1)	2.2	(0.1)	2.9	(0.1)	3.6	(0.1)
	Argentina	3.7	(0.1)	1.8	(0.1)	1.4	(0.1)	1.1	(0.1)	1.5	(0.0)	2.1	(0.1)
	Brazil	3.3	(0.1)	1.6	(0.0)	1.0	(0.0)	1.5	(0.1)	1.3	(0.0)	1.6	(0.0)
	Bulgaria	5.6	(0.2)	1.9	(0.1)	1.0	(0.0)	1.5	(0.1)	1.1	(0.0)	2.0	(0.1)
	Colombia	5.3	(0.1)	2.5	(0.1)	1.2	(0.0)	1.4	(0.1)	1.8	(0.1)	2.1	(0.1)
	Costa Rica	3.5	(0.2)	1.5	(0.0)	1.1	(0.0)	0.8	(0.0)	1.1	(0.0)	1.6	(0.1)
	Croatia	5.9	(0.1)	1.3	(0.0)	0.9	(0.0)	0.3	(0.0)	1.1	(0.0)	1.5	(0.1)
	Cyprus*	3.8	(0.1)	1.2	(0.0)	2.0	(0.0)	2.2	(0.0)	0.7	(0.0)	1.2	(0.0)
	Hong Kong-China	6.0	(0.2)	1.2	(0.0)	0.7	(0.0)	1.0	(0.1)	0.5	(0.0)	0.9	(0.1)
	Indonesia	4.9	(0.2)	3.2	(0.1)	2.5	(0.1)	2.7	(0.1)	3.0	(0.1)	3.0	(0.1)
	Jordan	4.2	(0.1)	2.0	(0.1)	1.5	(0.1)	1.2	(0.1)	1.9	(0.1)	2.3	(0.1)
	Kazakhstan	8.8	(0.2)	4.1	(0.1)	2.8	(0.1)	2.1	(0.1)	3.4	(0.1)	4.1	(0.1)
	Latvia	6.2	(0.1)	1.8	(0.1)	0.8	(0.0)	1.6	(0.1)	1.1	(0.1)	2.0	(0.1)
	Liechtenstein	3.3	(0.2)	1.1	(0.2)	0.2	(0.0)	0.1	(0.0)	1.1	(0.2)	1.3	(0.2)
	Lithuania	6.7	(0.1)	1.5	(0.0)	0.6	(0.0)	0.6	(0.0)	1.1	(0.0)	1.8	(0.0)
	Macao-China	5.9	(0.1)	2.0	(0.1)	1.0	(0.0)	0.6	(0.0)	0.6	(0.0)	1.2	(0.0)
	Malaysia	4.8	(0.1)	2.5	(0.1)	1.9	(0.1)	2.8	(0.1)	1.9	(0.0)	2.0	(0.0)
	Montenegro	4.3	(0.1)	1.4	(0.0)	1.2	(0.0)	0.7	(0.0)	1.3	(0.0)	2.0	(0.1)
	Peru	5.5	(0.1)	2.4	(0.1)	1.2	(0.1)	1.9	(0.1)	1.8	(0.1)	2.0	(0.1)
	Qatar	4.3	(0.0)	1.7	(0.0)	1.7	(0.0)	1.0	(0.0)	1.5	(0.0)	1.6	(0.0)
	Romania	7.3	(0.2)	1.7	(0.1)	0.8	(0.0)	0.6	(0.0)	1.1	(0.1)	2.0	(0.1)
	Russian Federation	9.7	(0.2)	2.7	(0.1)	1.8	(0.1)	1.5	(0.0)	2.2	(0.1)	3.2	(0.1)
	Serbia	4.4	(0.1)	1.6	(0.0)	1.3	(0.1)	0.6	(0.0)	1.2	(0.1)	2.0	(0.1)
	Shanghai-China	13.8	(0.3)	2.5	(0.1)	1.2	(0.0)	2.1	(0.1)	0.8	(0.0)	1.2	(0.1)
	Singapore	9.4	(0.2)	2.4	(0.1)	2.0	(0.1)	1.0	(0.0)	0.9	(0.0)	0.9	(0.0)
	Chinese Taipei	5.3	(0.1)	1.3	(0.0)	0.7	(0.0)	1.5	(0.1)	0.9	(0.0)	0.7	(0.0)
	Thailand	5.6	(0.1)	2.3	(0.1)	1.5	(0.0)	1.7	(0.1)	1.6	(0.1)	2.5	(0.1)
	Tunisia	3.5	(0.1)	1.7	(0.1)	2.2	(0.1)	1.5	(0.1)	2.0	(0.1)	2.4	(0.1)
	United Arab Emirates	6.2	(0.1)	2.3	(0.1)	2.0	(0.1)	1.5	(0.1)	2.1	(0.1)	3.2	(0.1)
	Uruguay	4.7	(0.1)	1.6	(0.1)	1.1	(0.1)	1.1	(0.1)	1.3	(0.1)	1.6	(0.1)
Viet Nam	5.8	(0.2)	2.9	(0.1)	1.6	(0.1)	4.9	(0.2)	1.7	(0.1)	1.8	(0.1)	

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Additional mathematics lessons at school**  
 Results based on school principals' reports

Table IV.3.29

	School offers mathematics lessons in addition to those offered during regular school hours				Percentage of students in schools offering additional mathematics lessons whose principal reported that additional mathematics lessons are organised for the following purpose:							
	Yes		No		Enrichment mathematics only		Remedial mathematics only		Both enrichment and remedial mathematics		Without differentiation, depending on the prior achievement of the students	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>												
Australia	64.1	(1.9)	35.9	(1.9)	6.0	(1.0)	10.8	(1.6)	66.9	(2.2)	16.3	(1.8)
Austria	47.8	(4.1)	52.2	(4.1)	1.8	(1.3)	68.4	(4.4)	24.8	(4.1)	5.1	(2.4)
Belgium	61.0	(3.0)	39.0	(3.0)	1.4	(1.0)	61.7	(4.0)	35.5	(4.1)	1.4	(0.8)
Canada	66.0	(2.4)	34.0	(2.4)	0.5	(0.2)	44.3	(2.7)	47.2	(2.8)	8.0	(1.9)
Chile	72.7	(3.3)	27.3	(3.3)	1.9	(1.2)	60.0	(4.3)	32.4	(4.1)	5.6	(2.2)
Czech Republic	51.4	(3.8)	48.6	(3.8)	10.6	(2.9)	29.4	(5.0)	51.2	(5.3)	8.8	(2.3)
Denmark	38.9	(3.4)	61.1	(3.4)	0.0	c	51.2	(5.4)	32.5	(5.2)	16.3	(3.8)
Estonia	70.8	(2.7)	29.2	(2.7)	6.2	(1.6)	21.8	(2.9)	58.2	(3.2)	13.7	(2.5)
Finland	59.3	(3.3)	40.7	(3.3)	1.5	(0.5)	41.7	(3.6)	53.2	(3.6)	3.7	(1.2)
France	64.7	(3.0)	35.3	(3.0)	2.9	(1.5)	34.9	(4.0)	59.4	(4.0)	2.8	(1.4)
Germany	63.3	(3.2)	36.7	(3.2)	2.0	(1.4)	48.8	(4.2)	47.6	(4.4)	1.6	(1.1)
Greece	28.2	(2.7)	71.8	(2.7)	11.9	(4.9)	38.4	(6.7)	49.7	(6.2)	0.0	c
Hungary	84.9	(2.9)	15.1	(2.9)	6.7	(2.1)	13.4	(2.7)	78.5	(3.5)	1.4	(1.0)
Iceland	50.5	(0.3)	49.5	(0.3)	6.7	(0.1)	26.4	(0.3)	57.3	(0.3)	9.6	(0.3)
Ireland	53.9	(4.1)	46.1	(4.1)	18.8	(4.1)	34.0	(5.2)	45.5	(5.7)	1.7	(1.3)
Israel	84.4	(2.8)	15.6	(2.8)	12.7	(2.7)	23.8	(3.5)	56.5	(4.6)	6.9	(2.3)
Italy	89.0	(1.5)	11.0	(1.5)	0.7	(0.3)	23.2	(1.8)	71.9	(2.1)	4.2	(0.8)
Japan	74.2	(3.1)	25.8	(3.1)	14.0	(2.7)	12.0	(2.9)	72.4	(4.0)	1.6	(1.1)
Korea	91.8	(2.3)	8.2	(2.3)	2.1	(1.2)	12.5	(2.6)	80.0	(2.8)	5.5	(1.7)
Luxembourg	95.7	(0.0)	4.3	(0.0)	4.6	(0.0)	71.4	(0.1)	24.0	(0.1)	0.0	c
Mexico	61.4	(1.8)	38.6	(1.8)	1.4	(0.5)	35.8	(2.6)	50.8	(2.6)	12.1	(1.4)
Netherlands	56.2	(3.8)	43.8	(3.8)	4.1	(2.2)	58.9	(5.7)	29.8	(5.8)	7.2	(2.7)
New Zealand	87.4	(2.1)	12.6	(2.1)	3.5	(1.9)	4.8	(1.6)	75.5	(3.9)	16.2	(3.7)
Norway	30.7	(3.3)	69.3	(3.3)	14.8	(4.2)	38.5	(6.8)	23.5	(5.9)	23.2	(4.6)
Poland	87.3	(2.9)	12.7	(2.9)	1.6	(1.1)	6.6	(2.1)	91.0	(2.4)	0.8	(0.8)
Portugal	89.5	(2.2)	10.5	(2.2)	0.9	(0.7)	7.7	(2.4)	86.5	(3.1)	4.9	(1.8)
Slovak Republic	65.2	(3.2)	34.8	(3.2)	20.9	(3.9)	11.7	(3.1)	64.7	(4.1)	2.6	(1.4)
Slovenia	79.2	(0.4)	20.8	(0.4)	8.3	(0.3)	19.9	(0.4)	60.8	(0.5)	11.0	(0.3)
Spain	40.0	(2.4)	60.0	(2.4)	10.3	(2.5)	57.3	(4.6)	29.0	(3.5)	3.4	(1.4)
Sweden	66.8	(3.8)	33.2	(3.8)	3.6	(1.7)	39.4	(4.5)	40.6	(4.6)	16.4	(3.0)
Switzerland	56.8	(3.3)	43.2	(3.3)	7.3	(3.4)	43.4	(3.8)	37.8	(4.0)	11.5	(3.1)
Turkey	46.9	(4.1)	53.1	(4.1)	25.8	(5.7)	4.6	(3.3)	62.9	(5.8)	6.7	(2.7)
United Kingdom	92.2	(1.9)	7.8	(1.9)	2.1	(1.4)	11.0	(2.4)	74.4	(3.0)	12.5	(2.3)
United States	63.6	(3.7)	36.4	(3.7)	3.1	(1.5)	36.1	(5.5)	53.6	(6.0)	7.2	(2.9)
OECD average	65.8	(0.5)	34.2	(0.5)	6.5	(0.4)	32.5	(0.7)	53.7	(0.7)	7.3	(0.4)
<b>Partners</b>												
Albania	81.3	(3.2)	18.7	(3.2)	12.0	(2.4)	13.1	(2.5)	66.5	(3.7)	8.4	(2.7)
Argentina	57.0	(3.4)	43.0	(3.4)	3.8	(2.1)	50.4	(5.3)	42.1	(5.6)	3.7	(1.7)
Brazil	53.4	(2.9)	46.6	(2.9)	18.0	(2.8)	3.0	(1.2)	78.2	(3.3)	0.8	(0.5)
Bulgaria	60.0	(4.0)	40.0	(4.0)	9.2	(2.9)	22.9	(3.9)	56.6	(4.8)	11.3	(3.2)
Colombia	34.3	(3.2)	65.7	(3.2)	13.0	(4.8)	1.4	(1.1)	60.9	(7.3)	24.7	(6.2)
Costa Rica	47.3	(3.8)	52.7	(3.8)	6.2	(3.0)	38.1	(5.3)	48.9	(5.3)	6.8	(2.9)
Croatia	89.0	(2.2)	11.0	(2.2)	8.3	(2.7)	13.3	(2.9)	74.1	(3.7)	4.3	(1.8)
Cyprus*	63.9	(0.1)	36.1	(0.1)	4.8	(0.1)	75.0	(0.1)	19.0	(0.1)	1.1	(0.0)
Hong Kong-China	95.9	(1.7)	4.1	(1.7)	8.1	(2.2)	9.6	(2.4)	80.2	(3.1)	2.1	(0.8)
Indonesia	75.7	(3.7)	24.3	(3.7)	17.8	(3.6)	11.8	(3.4)	54.4	(5.3)	16.0	(3.3)
Jordan	68.5	(3.3)	31.5	(3.3)	6.3	(2.0)	42.1	(4.3)	44.0	(4.8)	7.6	(2.7)
Kazakhstan	91.8	(1.9)	8.2	(1.9)	7.2	(2.2)	3.9	(1.3)	63.0	(3.3)	25.9	(3.0)
Latvia	73.9	(3.0)	26.1	(3.0)	11.2	(2.4)	8.7	(2.2)	76.0	(3.4)	4.1	(1.7)
Liechtenstein	51.9	(0.9)	48.1	(0.9)	0.0	c	35.7	(1.4)	39.0	(1.6)	25.2	(1.7)
Lithuania	78.6	(2.7)	21.4	(2.7)	3.3	(1.6)	2.5	(1.1)	85.5	(2.9)	8.7	(2.3)
Macao-China	92.3	(0.0)	7.7	(0.0)	0.0	c	24.7	(0.1)	74.5	(0.1)	0.8	(0.0)
Malaysia	91.4	(2.2)	8.6	(2.2)	5.8	(1.8)	1.4	(0.9)	87.8	(2.6)	5.0	(1.8)
Montenegro	82.9	(0.1)	17.1	(0.1)	15.4	(0.1)	29.9	(0.1)	52.3	(0.2)	2.4	(0.0)
Peru	45.6	(3.4)	54.4	(3.4)	9.5	(2.8)	46.6	(5.2)	40.4	(5.9)	3.4	(1.7)
Qatar	81.2	(0.1)	18.8	(0.1)	8.0	(0.1)	13.3	(0.1)	71.3	(0.1)	7.4	(0.1)
Romania	77.1	(3.2)	22.9	(3.2)	34.8	(3.6)	30.2	(3.6)	35.0	(3.4)	0.0	c
Russian Federation	96.8	(1.3)	3.2	(1.3)	1.2	(0.9)	1.7	(0.9)	80.9	(2.7)	16.2	(2.3)
Serbia	93.5	(2.1)	6.5	(2.1)	0.0	c	12.3	(2.9)	53.3	(4.5)	34.5	(4.4)
Shanghai-China	49.2	(3.4)	50.8	(3.4)	19.5	(5.8)	18.4	(4.4)	54.8	(5.6)	7.3	(2.8)
Singapore	91.2	(0.7)	8.8	(0.7)	1.3	(0.0)	12.5	(0.1)	86.2	(0.1)	0.0	c
Chinese Taipei	85.1	(3.0)	14.9	(3.0)	5.3	(2.0)	15.3	(3.0)	75.7	(3.7)	3.7	(1.7)
Thailand	90.3	(2.4)	9.7	(2.4)	2.1	(1.2)	3.7	(1.7)	85.0	(2.7)	9.2	(2.3)
Tunisia	79.4	(3.5)	20.6	(3.5)	2.7	(1.5)	43.4	(4.9)	47.9	(5.2)	5.9	(2.2)
United Arab Emirates	65.7	(2.4)	34.3	(2.4)	4.2	(0.7)	23.6	(3.0)	63.3	(3.6)	8.9	(2.0)
Uruguay	82.2	(2.6)	17.8	(2.6)	0.9	(0.0)	46.3	(3.8)	46.5	(3.8)	6.4	(1.5)
Viet Nam	95.2	(1.5)	4.8	(1.5)	3.5	(1.6)	12.3	(2.6)	83.5	(2.9)	0.7	(0.7)

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Extracurricular activities at school**  
 Results based on school principals' reports

Table IV.3.30

	Percentage of students in schools whose principal reported that the school offers the following activities to students in the national modal grade for 15-year-olds:																				
	Band, orchestra, or choir		School play or school musical		School yearbook, newspaper or magazine		Volunteering or service activities		Mathematics club		Mathematics competitions		Chess club		Club with a focus on computers and ICT		Art club or art activities		Sporting team or sporting activities		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>																					
Australia	90.5	(1.2)	68.2	(1.7)	67.7	(1.9)	83.5	(1.3)	27.3	(1.8)	95.2	(0.9)	55.9	(2.0)	29.7	(2.1)	64.0	(2.1)	99.1	(0.3)	
Austria	51.9	(2.8)	35.5	(3.1)	49.7	(3.3)	92.0	(2.1)	1.5	(0.9)	32.9	(3.1)	16.6	(3.0)	19.7	(3.3)	28.2	(4.4)	86.3	(2.8)	
Belgium	31.3	(2.5)	52.3	(3.2)	42.9	(2.8)	77.8	(2.7)	1.5	(0.7)	70.5	(2.3)	16.1	(2.2)	9.2	(1.9)	40.2	(3.1)	89.0	(1.8)	
Canada	88.1	(1.2)	91.3	(1.3)	89.8	(1.5)	96.3	(0.8)	41.5	(2.4)	77.2	(1.4)	51.1	(2.1)	54.0	(2.2)	88.6	(1.4)	98.9	(0.5)	
Chile	68.6	(3.8)	48.3	(3.7)	18.9	(2.8)	62.0	(3.6)	12.5	(2.7)	41.9	(3.9)	32.4	(4.0)	49.2	(3.9)	80.1	(3.1)	98.4	(0.9)	
Czech Republic	40.7	(3.5)	24.5	(2.9)	54.1	(3.2)	57.9	(3.2)	33.3	(3.4)	85.5	(2.1)	14.2	(2.6)	37.6	(3.1)	51.6	(3.5)	86.3	(2.1)	
Denmark	45.8	(3.6)	39.4	(3.2)	36.5	(3.4)	14.5	(2.4)	7.3	(1.8)	10.6	(2.1)	9.2	(1.7)	9.2	(1.9)	30.3	(3.5)	69.3	(3.4)	
Estonia	82.8	(2.0)	58.3	(3.1)	59.2	(2.9)	83.7	(2.4)	30.3	(2.4)	92.0	(1.7)	18.4	(2.2)	41.8	(3.1)	75.1	(2.5)	96.5	(0.8)	
Finland	80.0	(2.7)	43.4	(3.8)	38.6	(3.2)	29.4	(3.2)	8.2	(1.9)	88.3	(2.0)	10.1	(1.9)	11.7	(2.1)	37.1	(3.5)	75.4	(2.9)	
France	42.1	(3.4)	71.8	(3.0)	27.7	(3.3)	61.7	(3.5)	11.0	(2.1)	73.5	(2.7)	21.4	(2.9)	23.8	(3.2)	82.7	(2.6)	96.9	(1.3)	
Germany	83.5	(2.5)	64.4	(3.1)	59.7	(3.5)	94.4	(1.8)	21.2	(3.3)	58.2	(3.2)	30.5	(2.7)	59.9	(3.3)	78.6	(3.6)	94.4	(1.7)	
Greece	56.6	(3.9)	45.5	(4.2)	25.5	(3.5)	51.8	(4.4)	8.9	(1.8)	74.9	(3.0)	14.1	(2.9)	16.7	(3.0)	42.7	(3.5)	78.7	(2.6)	
Hungary	68.5	(3.2)	50.9	(3.5)	65.6	(3.6)	60.9	(3.6)	50.7	(3.7)	78.8	(2.6)	18.8	(2.9)	56.8	(3.9)	65.4	(3.9)	99.2	(0.7)	
Iceland	53.7	(0.2)	73.5	(0.2)	62.2	(0.2)	36.8	(0.3)	6.6	(0.1)	66.7	(0.2)	30.3	(0.2)	22.7	(0.2)	67.7	(0.3)	63.7	(0.2)	
Ireland	66.5	(3.7)	38.6	(3.5)	37.1	(4.0)	39.6	(3.8)	19.1	(3.3)	61.1	(3.8)	40.3	(3.7)	26.2	(3.8)	56.8	(3.8)	99.8	(0.0)	
Israel	60.2	(3.5)	51.9	(3.9)	55.6	(3.8)	91.9	(2.4)	10.1	(2.3)	48.1	(3.4)	7.0	(2.3)	47.3	(4.3)	55.5	(3.6)	84.0	(2.6)	
Italy	29.7	(1.9)	72.2	(1.6)	61.2	(2.2)	68.5	(1.7)	5.7	(0.9)	66.6	(2.1)	11.1	(1.3)	21.2	(1.8)	36.5	(1.9)	95.0	(0.9)	
Japan	85.5	(2.4)	42.5	(3.3)	42.2	(3.3)	89.9	(2.4)	6.5	(1.7)	12.0	(2.3)	35.9	(3.6)	55.6	(3.7)	94.9	(1.4)	100.0	c	
Korea	73.4	(3.6)	43.4	(4.0)	89.1	(2.3)	99.7	(0.3)	76.4	(3.0)	75.9	(2.5)	92.8	(2.2)	85.4	(2.9)	92.7	(2.2)	94.6	(2.0)	
Luxembourg	74.2	(0.1)	79.0	(0.1)	63.8	(0.1)	94.1	(0.1)	19.5	(0.1)	78.7	(0.1)	46.7	(0.1)	34.1	(0.1)	79.1	(0.1)	97.9	(0.0)	
Mexico	55.8	(1.9)	56.0	(1.9)	38.5	(1.8)	64.4	(1.8)	34.4	(1.9)	81.8	(1.2)	45.1	(1.7)	31.2	(2.2)	72.5	(1.9)	94.5	(0.8)	
Netherlands	58.3	(4.1)	63.0	(4.3)	66.2	(4.1)	95.4	(1.6)	2.7	(1.2)	46.5	(3.5)	9.7	(2.6)	5.0	(1.5)	65.3	(4.0)	91.1	(2.5)	
New Zealand	98.6	(0.7)	84.0	(2.7)	86.0	(2.2)	97.9	(1.0)	25.0	(3.8)	96.5	(1.2)	69.2	(4.0)	53.4	(4.0)	84.7	(2.9)	99.9	(0.1)	
Norway	28.7	(3.3)	31.8	(3.3)	29.7	(3.4)	59.3	(3.7)	5.6	(1.8)	32.2	(3.4)	2.7	(1.2)	19.1	(2.9)	7.9	(2.1)	37.7	(3.5)	
Poland	81.5	(2.9)	87.5	(2.7)	67.2	(3.3)	99.8	(0.1)	94.2	(1.9)	99.8	(0.2)	21.4	(3.4)	78.2	(3.2)	86.5	(2.6)	98.5	(0.9)	
Portugal	29.8	(3.9)	54.4	(3.9)	77.3	(3.3)	83.2	(3.4)	44.9	(4.5)	97.8	(0.9)	33.0	(3.9)	12.2	(2.4)	52.0	(3.9)	97.7	(1.2)	
Slovak Republic	31.1	(3.8)	47.7	(4.3)	74.4	(2.7)	83.9	(2.5)	84.8	(2.7)	91.4	(2.1)	24.9	(3.5)	92.6	(1.6)	56.9	(4.0)	99.3	(0.5)	
Slovenia	73.9	(0.4)	75.4	(0.6)	88.1	(0.4)	77.7	(0.7)	63.7	(2.7)	99.1	(0.0)	31.0	(0.8)	58.8	(0.6)	74.0	(0.4)	98.5	(0.1)	
Spain	28.9	(2.0)	45.4	(2.8)	48.2	(2.6)	54.4	(2.5)	8.4	(1.8)	66.0	(2.1)	15.0	(2.1)	13.3	(2.0)	22.2	(2.3)	79.6	(2.5)	
Sweden	68.1	(3.2)	46.5	(3.7)	23.4	(3.2)	46.3	(3.6)	9.5	(2.2)	58.2	(3.7)	5.9	(1.7)	2.6	(1.1)	29.7	(3.1)	81.0	(2.6)	
Switzerland	71.2	(3.1)	60.0	(3.3)	32.5	(3.0)	54.5	(3.2)	5.3	(1.5)	27.7	(2.3)	10.0	(2.1)	17.5	(2.9)	68.2	(3.4)	99.1	(1.9)	
Turkey	52.3	(3.6)	67.2	(4.1)	50.5	(3.6)	78.7	(3.4)	18.6	(3.0)	23.0	(3.1)	86.4	(2.8)	56.6	(4.0)	51.3	(4.0)	96.8	(1.3)	
United Kingdom	95.9	(1.3)	89.6	(1.8)	80.0	(2.4)	93.0	(1.6)	72.8	(2.8)	93.7	(1.5)	53.8	(3.7)	77.3	(3.1)	91.5	(1.8)	99.6	(0.4)	
United States	92.2	(1.9)	85.8	(3.2)	87.6	(2.4)	93.4	(2.7)	56.1	(3.7)	67.7	(3.7)	42.9	(4.2)	55.1	(4.1)	88.4	(3.0)	99.6	(0.4)	
OECD average	62.9	(0.5)	58.5	(0.5)	55.8	(0.5)	72.6	(0.4)	27.2	(0.4)	66.8	(0.4)	30.1	(0.5)	37.8	(0.5)	61.7	(0.5)	90.2	(0.3)	
<b>Partners</b>																					
Albania	45.0	(4.0)	61.6	(3.7)	39.1	(4.1)	68.9	(3.6)	67.3	(3.6)	90.9	(2.3)	19.0	(2.9)	48.2	(4.2)	78.6	(3.6)	91.0	(2.2)	
Argentina	26.6	(2.9)	33.2	(3.6)	29.6	(3.4)	50.6	(3.4)	41.1	(3.6)	42.1	(4.0)	16.9	(3.0)	51.4	(4.1)	46.1	(3.5)	82.7	(3.5)	
Brazil	23.0	(2.4)	57.8	(2.7)	23.6	(2.5)	44.8	(2.8)	8.3	(1.4)	92.4	(1.4)	24.1	(2.5)	17.5	(2.1)	45.5	(3.0)	90.8	(1.8)	
Bulgaria	49.2	(3.6)	51.5	(4.0)	69.2	(3.5)	89.7	(2.3)	36.1	(3.8)	79.9	(2.8)	22.5	(3.4)	58.2	(3.6)	61.7	(3.6)	99.0	(0.7)	
Colombia	51.8	(3.9)	54.0	(3.8)	46.0	(4.0)	96.3	(1.4)	28.9	(3.4)	60.7	(3.9)	21.8	(3.0)	24.0	(3.2)	68.0	(3.6)	96.3	(1.3)	
Costa Rica	83.3	(2.5)	75.8	(3.2)	15.2	(2.4)	39.1	(3.5)	32.1	(3.0)	61.5	(3.4)	27.1	(3.3)	21.9	(3.0)	75.6	(3.4)	95.9	(1.7)	
Croatia	44.7	(3.9)	62.3	(3.8)	66.2	(3.8)	95.1	(1.5)	20.4	(3.1)	71.5	(2.8)	16.2	(2.9)	39.7	(3.9)	48.1	(3.7)	99.3	(0.5)	
Cyprus*	98.2	(0.0)	89.8	(0.1)	95.9	(0.0)	99.9	(0.0)	48.4	(0.1)	93.6	(0.1)	48.4	(0.1)	82.7	(0.1)	91.3	(0.1)	97.5	(0.0)	
Hong Kong-China	92.8	(2.1)	86.0	(2.8)	88.0	(2.9)	100.0	c	90.1	(2.6)	91.0	(2.6)	78.2	(3.5)	96.9	(1.4)	98.1	(1.1)	100.0	c	
Indonesia	50.5	(4.0)	53.6	(4.5)	40.4	(4.1)	93.1	(2.1)	37.4	(3.9)	67.8	(3.8)	23.7	(3.8)	45.6	(3.9)	61.4	(4.5)	92.8	(2.2)	
Jordan	25.3	(3.4)	54.0	(3.1)	62.6	(3.5)	86.2	(2.8)	33.2	(3.1)	38.5	(3.5)	43.0	(3.3)	44.5	(3.3)	54.7	(3.6)	92.4	(1.8)	
Kazakhstan	62.6	(3.5)	51.3	(4.1)	81.9	(3.0)	97.1	(1.5)	63.8	(3.6)	97.5	(1.1)	71.6	(3.6)	63.8	(3.8)	89.3	(2.5)	99.1	(0.8)	
Latvia	76.4	(2.8)	66.9	(3.6)	60.4	(3.5)	89.3	(2.3)	35.3	(3.6)	91.6	(1.7)	16.3	(2.5)	29.4	(3.4)	90.8	(2.1)	95.0	(1.7)	
Liechtenstein	78.5	(0.8)	59.6	(0.8)	32.5	(1.0)	74.1	(0.8)	2.9	(0.0)	34.1	(0.4)	0.0	c	29.0	(1.0)	72.2	(0.8)	100.0	c	
Lithuania	92.3	(1.7)	58.8	(3.0)	66.2	(2.9)	65.6	(3.1)	19.7	(2.5)	93.2	(1.8)	12.5	(2.5)	34.1	(3.4)	87.9	(2.2)	98.1	(0.9)	
Macao-China	87.5	(0.0)	96.1	(0.0)	88.8	(0.0)	99.8	(0.0)	61.6	(0.1)	87.8	(0.0)	50.2	(0.1)	76.5	(0.0)	94.1	(0.0)	99.9	(0.0)	
Malaysia	42.3	(3.5)	41.8	(3.7)	90.0	(2.5)	79.3	(3.2)	96.7	(1.5)	80.4	(3.1)	89.9	(2.4)	86.0	(2.7)	93.6	(1.8)	99.3	(0.7)	
Montenegro	38.5	(0.2)	86.9	(0.1)	89.1	(0.2)	81.7	(0.1)	40.5	(0.2)	54.7	(0.1)	30.7	(0.1)	69.0	(0.1)	62.8	(0.1)	95.3	(0.1)	
Peru	55.3	(3.7)	59.0	(3.2)	38.9	(3.3)	47.0	(3.4)	30.1	(3.3)	80.8	(2.6)	31.5	(3.2)	31.4	(3.3)	61.4	(3.5)	87.7	(2.1)	
Qatar	28.3	(0.1)	77.7	(0.1)	89.4	(0.1)	97.8	(0.0)	72.1	(0.1)	91.5	(0.0)	36.2	(0.1)	72.5	(0.1)	79.8	(0.1)	100.0	(0.0)	
Romania	51.2	(3.8)	56.2	(3.9)	79.7	(2.9)	73.6	(3.4)	43.5	(3.8)	68.1	(3.6)	52.9	(3.5)	49.3	(3.9)	63.0	(3.5)	70.1	(3.4)	
Russian Federation	66.2	(2.9)	40.3	(3.6)	74.5	(3.3)	92.8	(1.7)	65.6	(3.3)	96.6	(1.1)	33.3	(3.3)	51.2	(3.1)	65.1	(3.9)	99.9	(0.1)	
Serbia	69.9	(3.9)	81.0	(3.4)	56.2	(4.2)	76.3	(3.7)	18.4	(3.4)	75.1	(3.5)	30.1	(4.0)	46.1	(4.2)	50.7	(4.8)	98.8	(0.8)	
Shanghai-China	74.4	(3.1)	67.3	(3.8)	78.2	(3.0)	95.4	(1.8)	68.0	(3.6)	67.3	(2.6)	61.0	(4.0)	69.7	(3.6)	86.7	(2.5)	99.4	(0.6)	
Singapore	98.0	(0.0)	70.3	(0.3)	92.8	(0.1)	100.0	c	20.7	(0.6)	86.9	(0.1)	27.6	(0.6)	94.8	(0.7)	85.9	(0.2)	99.7	(0.0)	
Chinese Taipei	74.1	(3.4)	49.7	(3.9)	91.1	(2.1)	91.1	(2.1)	41.7	(4.5)	59.2	(3.4)	56.4	(3.8)	67.8	(3.6)	88.6	(2.8)	95.3	(1.9)	
Thailand	67.6	(2.9)	72.4	(3.1)	83.2	(3.0)	90.9	(1.7)	79.7	(2.2)	53.2	(3.6)	44.3	(3.8)	90.9	(2.1)	87.1	(2.1)	100.0	(0.0)	
Tunisia	32.6	(4.3)	54.9	(4.0)	59.6	(4.3)	82.7	(3.0)	52.1	(4.0)	56.0	(4.1)	40.9	(3.7)	59.3	(3.9)	62.2	(4.4)	86.0	(2.7)	
United Arab Emirates	21.5	(1.6)	63.7	(2.1)																	



[Part 1/2]  
**Index of creative extracurricular activities at school and mathematics performance**  
 Results based on school principals' reports

Table IV.3.31

	Index of creative extracurricular activities at school										Variability in this index		
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.			
<b>OECD</b>	Australia	2.18	(0.03)	1.10	(0.09)	2.00	(0.00)	2.62	(0.07)	3.00	(0.00)	0.82	(0.03)
	Austria	1.12	(0.06)	0.00	(0.00)	0.55	(0.10)	1.55	(0.13)	2.37	(0.10)	1.01	(0.04)
	Belgium	1.22	(0.05)	0.00	(0.02)	0.94	(0.10)	1.61	(0.12)	2.34	(0.07)	0.93	(0.03)
	Canada	2.68	(0.02)	1.72	(0.06)	2.99	(0.06)	3.00	(0.00)	3.00	(0.00)	0.62	(0.02)
	Chile	1.94	(0.07)	0.77	(0.08)	1.67	(0.14)	2.32	(0.14)	3.00	(0.00)	0.91	(0.04)
	Czech Republic	1.16	(0.07)	0.00	(0.00)	0.70	(0.13)	1.47	(0.14)	2.49	(0.08)	1.02	(0.03)
	Denmark	1.14	(0.07)	0.00	(0.00)	0.59	(0.13)	1.44	(0.13)	2.53	(0.10)	1.04	(0.04)
	Estonia	2.09	(0.05)	0.86	(0.13)	2.00	(0.01)	2.50	(0.11)	3.00	(0.00)	0.88	(0.04)
	Finland	1.59	(0.07)	0.48	(0.11)	1.17	(0.15)	2.00	(0.00)	2.71	(0.11)	0.92	(0.04)
	France	1.96	(0.06)	0.83	(0.06)	1.84	(0.14)	2.19	(0.13)	3.00	(0.00)	0.85	(0.04)
	Germany	2.26	(0.06)	1.03	(0.17)	2.00	(0.10)	3.00	(0.08)	3.00	(0.00)	0.89	(0.05)
	Greece	1.41	(0.08)	0.00	(0.08)	1.00	(0.10)	1.80	(0.15)	2.87	(0.12)	1.09	(0.04)
	Hungary	1.84	(0.07)	0.52	(0.11)	1.73	(0.13)	2.13	(0.13)	3.00	(0.01)	0.97	(0.05)
	Iceland	1.87	(0.00)	0.73	(0.01)	1.70	(0.01)	2.06	(0.01)	3.00	(0.00)	0.88	(0.00)
	Ireland	1.56	(0.07)	0.46	(0.11)	1.14	(0.15)	2.00	(0.02)	2.65	(0.12)	0.92	(0.04)
	Israel	1.63	(0.07)	0.31	(0.10)	1.19	(0.14)	2.03	(0.09)	3.00	(0.04)	1.05	(0.04)
	Italy	1.37	(0.03)	0.22	(0.06)	1.00	(0.00)	1.78	(0.07)	2.47	(0.05)	0.93	(0.02)
	Japan	2.23	(0.05)	1.29	(0.12)	2.00	(0.00)	2.62	(0.13)	3.00	(0.00)	0.76	(0.04)
	Korea	2.06	(0.07)	0.82	(0.17)	2.00	(0.04)	2.41	(0.16)	3.00	(0.00)	0.88	(0.05)
	Luxembourg	2.32	(0.00)	1.13	(0.00)	2.16	(0.00)	3.00	(0.00)	3.00	(0.00)	0.87	(0.00)
	Mexico	1.82	(0.04)	0.48	(0.05)	1.52	(0.08)	2.30	(0.07)	3.00	(0.00)	1.03	(0.02)
	Netherlands	1.85	(0.08)	0.51	(0.10)	1.63	(0.15)	2.26	(0.15)	3.00	(0.00)	1.00	(0.04)
	New Zealand	2.66	(0.04)	1.79	(0.07)	2.86	(0.13)	3.00	(0.00)	3.00	(0.00)	0.57	(0.04)
	Norway	0.68	(0.06)	0.00	(0.00)	0.05	(0.12)	1.00	(0.05)	1.66	(0.13)	0.78	(0.05)
	Poland	2.51	(0.04)	1.74	(0.08)	2.30	(0.14)	3.00	(0.00)	3.00	(0.00)	0.62	(0.03)
	Portugal	1.36	(0.07)	0.32	(0.12)	1.00	(0.00)	1.73	(0.17)	2.38	(0.09)	0.87	(0.04)
	Slovak Republic	1.34	(0.09)	0.00	(0.06)	0.98	(0.12)	1.76	(0.17)	2.64	(0.12)	1.03	(0.04)
	Slovenia	2.19	(0.01)	0.94	(0.02)	2.00	(0.00)	2.80	(0.03)	3.00	(0.00)	0.88	(0.00)
	Spain	0.95	(0.04)	0.00	(0.00)	0.56	(0.11)	1.08	(0.07)	2.17	(0.03)	0.87	(0.02)
	Sweden	1.43	(0.07)	0.34	(0.10)	1.00	(0.00)	1.84	(0.15)	2.56	(0.08)	0.92	(0.03)
	Switzerland	1.96	(0.06)	0.63	(0.08)	1.78	(0.11)	2.42	(0.13)	3.00	(0.00)	0.97	(0.04)
	Turkey	1.71	(0.08)	0.39	(0.12)	1.25	(0.15)	2.19	(0.14)	3.00	(0.00)	1.05	(0.03)
	United Kingdom	2.75	(0.04)	2.01	(0.14)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.55	(0.05)
	United States	2.66	(0.05)	1.73	(0.12)	2.92	(0.12)	3.00	(0.00)	3.00	(0.00)	0.61	(0.06)
	OECD average	1.81	(0.01)	0.68	(0.02)	1.56	(0.02)	2.20	(0.02)	2.79	(0.01)	0.88	(0.01)
<b>Partners</b>	Albania	1.83	(0.07)	0.64	(0.08)	1.43	(0.15)	2.25	(0.15)	3.00	(0.00)	0.97	(0.04)
	Argentina	1.04	(0.07)	0.00	(0.00)	0.59	(0.16)	1.19	(0.11)	2.40	(0.09)	0.97	(0.04)
	Brazil	1.25	(0.06)	0.01	(0.07)	1.00	(0.06)	1.65	(0.12)	2.36	(0.07)	0.93	(0.03)
	Bulgaria	1.61	(0.08)	0.18	(0.12)	1.17	(0.16)	2.08	(0.12)	3.00	(0.02)	1.09	(0.03)
	Colombia	1.69	(0.08)	0.38	(0.11)	1.34	(0.16)	2.04	(0.12)	3.00	(0.06)	1.02	(0.04)
	Costa Rica	2.31	(0.06)	1.10	(0.15)	2.16	(0.15)	3.00	(0.00)	3.00	(0.00)	0.87	(0.05)
	Croatia	1.54	(0.08)	0.19	(0.13)	1.00	(0.08)	1.97	(0.15)	2.99	(0.09)	1.07	(0.04)
	Cyprus*	2.78	(0.00)	2.10	(0.00)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.48	(0.00)
	Hong Kong-China	2.77	(0.04)	2.08	(0.15)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.48	(0.05)
	Indonesia	1.65	(0.10)	0.05	(0.12)	1.17	(0.20)	2.38	(0.16)	3.00	(0.00)	1.18	(0.04)
	Jordan	1.32	(0.07)	0.00	(0.00)	0.84	(0.12)	1.82	(0.14)	2.63	(0.11)	1.06	(0.04)
	Kazakhstan	2.02	(0.06)	0.79	(0.06)	1.91	(0.11)	2.37	(0.16)	3.00	(0.00)	0.88	(0.03)
	Latvia	2.33	(0.05)	1.43	(0.10)	2.00	(0.02)	2.91	(0.12)	3.00	(0.00)	0.72	(0.03)
	Liechtenstein	2.05	(0.02)	c	c	c	c	c	c	c	c	1.12	(0.01)
	Lithuania	2.35	(0.05)	1.43	(0.10)	2.00	(0.05)	2.96	(0.10)	3.00	(0.00)	0.74	(0.04)
	Macao-China	2.78	(0.00)	2.11	(0.00)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.61	(0.00)
	Malaysia	1.76	(0.07)	0.76	(0.07)	1.09	(0.13)	2.18	(0.14)	3.00	(0.00)	0.95	(0.03)
	Montenegro	1.88	(0.00)	0.76	(0.00)	1.52	(0.00)	2.25	(0.01)	3.00	(0.00)	0.92	(0.00)
	Peru	1.71	(0.07)	0.54	(0.09)	1.29	(0.14)	2.02	(0.09)	3.00	(0.07)	0.97	(0.03)
	Qatar	1.83	(0.00)	0.74	(0.00)	1.54	(0.00)	2.05	(0.00)	3.00	(0.00)	0.89	(0.00)
	Romania	1.70	(0.07)	0.57	(0.10)	1.45	(0.14)	2.00	(0.00)	2.79	(0.13)	0.91	(0.04)
	Russian Federation	1.71	(0.07)	0.50	(0.09)	1.38	(0.15)	2.00	(0.05)	2.96	(0.10)	0.97	(0.04)
	Serbia	2.00	(0.08)	0.77	(0.08)	1.76	(0.15)	2.46	(0.17)	3.00	(0.00)	0.92	(0.04)
	Shanghai-China	2.27	(0.06)	1.05	(0.16)	2.04	(0.11)	3.00	(0.06)	3.00	(0.00)	0.88	(0.05)
	Singapore	2.47	(0.01)	1.72	(0.00)	2.18	(0.02)	3.00	(0.00)	3.00	(0.00)	0.65	(0.00)
	Chinese Taipei	2.08	(0.07)	0.78	(0.15)	2.00	(0.06)	2.56	(0.16)	3.00	(0.00)	0.90	(0.05)
	Thailand	2.26	(0.06)	0.77	(0.11)	2.29	(0.16)	3.00	(0.00)	3.00	(0.00)	0.97	(0.04)
	Tunisia	1.43	(0.09)	0.06	(0.12)	1.00	(0.05)	1.89	(0.15)	2.77	(0.14)	1.05	(0.04)
	United Arab Emirates	1.51	(0.04)	0.29	(0.08)	1.08	(0.09)	2.00	(0.01)	2.65	(0.05)	0.96	(0.02)
	Uruguay	1.48	(0.07)	0.30	(0.10)	1.02	(0.08)	2.00	(0.09)	2.62	(0.12)	0.96	(0.04)
	Viet Nam	1.50	(0.06)	0.65	(0.09)	1.00	(0.02)	1.90	(0.15)	2.46	(0.11)	0.81	(0.04)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

StatLink <http://dx.doi.org/10.1787/888932957460>

[Part 2/2]


## Index of creative extracurricular activities at school and mathematics performance

Table IV.3.31 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
	Bottom quarter		Second quarter		Third quarter		Top quarter								
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.	
<b>OECD</b>	<b>487</b>	(3.7)	500	(3.8)	513	(3.0)	<b>519</b>	(3.4)	<b>16.4</b>	(2.54)	<b>1.3</b>	(0.07)	2.0	(0.59)	
Australia	<b>472</b>	(5.5)	499	(7.4)	524	(5.4)	<b>528</b>	(7.0)	<b>22.6</b>	(3.92)	<b>1.8</b>	(0.17)	6.0	(2.06)	
Austria	<b>484</b>	(7.8)	520	(7.2)	527	(5.6)	<b>532</b>	(7.4)	<b>18.8</b>	(4.84)	<b>1.6</b>	(0.20)	3.0	(1.56)	
Belgium	<b>510</b>	(3.2)	520	(4.1)	521	(4.2)	<b>521</b>	(2.9)	<b>9.7</b>	(2.49)	<b>1.2</b>	(0.07)	0.5	(0.23)	
Canada	<b>405</b>	(6.3)	414	(5.9)	427	(6.1)	<b>445</b>	(6.0)	<b>17.1</b>	(3.77)	<b>1.4</b>	(0.15)	3.7	(1.61)	
Chile	<b>488</b>	(6.1)	483	(7.6)	496	(8.4)	<b>527</b>	(7.9)	<b>16.6</b>	(3.87)	1.0	(0.13)	3.1	(1.41)	
Czech Republic	501	(4.9)	501	(4.4)	498	(4.1)	502	(5.1)	0.7	(2.52)	1.0	(0.09)	0.0	(0.11)	
Denmark	<b>506</b>	(4.5)	525	(4.4)	524	(3.5)	<b>525</b>	(3.8)	<b>9.8</b>	(2.59)	<b>1.3</b>	(0.14)	1.1	(0.62)	
Estonia	514	(5.2)	517	(4.9)	523	(4.0)	519	(2.7)	2.6	(2.30)	1.1	(0.09)	0.1	(0.16)	
Finland	498	(8.0)	503	(6.8)	499	(6.2)	486	(10.2)	-6.0	(6.11)	0.9	(0.15)	0.3	(0.58)	
France	<b>469</b>	(7.5)	497	(9.1)	543	(7.8)	<b>545</b>	(6.9)	<b>35.0</b>	(5.07)	<b>2.1</b>	(0.29)	10.2	(2.65)	
Germany	448	(5.4)	455	(6.1)	447	(7.8)	462	(6.3)	3.9	(2.99)	1.0	(0.14)	0.2	(0.40)	
Greece	<b>443</b>	(6.2)	479	(6.4)	485	(7.8)	<b>503</b>	(11.0)	<b>24.9</b>	(4.28)	<b>1.9</b>	(0.21)	6.6	(2.27)	
Hungary	490	(3.7)	493	(3.1)	493	(3.3)	498	(3.6)	4.2	(1.92)	1.1	(0.09)	0.2	(0.15)	
Iceland	502	(5.9)	504	(5.9)	501	(6.4)	503	(5.6)	0.2	(3.65)	1.0	(0.13)	0.0	(0.15)	
Ireland	<b>419</b>	(9.9)	464	(8.9)	481	(9.5)	<b>500</b>	(7.3)	<b>30.3</b>	(3.95)	<b>2.2</b>	(0.26)	9.1	(2.35)	
Israel	<b>473</b>	(4.6)	484	(4.8)	494	(3.8)	<b>498</b>	(4.4)	<b>11.1</b>	(2.80)	<b>1.2</b>	(0.11)	1.2	(0.65)	
Italy	<b>502</b>	(7.7)	531	(7.7)	550	(6.6)	<b>562</b>	(6.1)	<b>36.3</b>	(5.53)	<b>1.8</b>	(0.21)	8.6	(2.64)	
Japan	<b>540</b>	(10.9)	543	(7.8)	557	(8.0)	<b>575</b>	(7.4)	<b>17.0</b>	(5.84)	1.4	(0.23)	2.3	(1.64)	
Korea	<b>465</b>	(2.8)	506	(2.9)	494	(2.7)	<b>494</b>	(3.3)	<b>16.1</b>	(1.04)	<b>1.5</b>	(0.08)	2.2	(0.29)	
Luxembourg	<b>399</b>	(2.8)	407	(2.6)	419	(2.4)	<b>429</b>	(3.1)	<b>11.5</b>	(1.65)	<b>1.4</b>	(0.08)	2.5	(0.71)	
Mexico	<b>485</b>	(10.9)	522	(9.4)	537	(7.5)	<b>535</b>	(9.4)	<b>21.7</b>	(5.75)	<b>1.9</b>	(0.29)	5.6	(3.17)	
Netherlands	<b>470</b>	(6.9)	510	(8.2)	514	(5.2)	<b>513</b>	(5.2)	<b>32.6</b>	(7.39)	<b>1.8</b>	(0.19)	3.5	(1.55)	
New Zealand	487	(4.5)	488	(5.0)	492	(5.3)	494	(5.4)	4.1	(3.59)	1.1	(0.10)	0.1	(0.22)	
Norway	515	(6.1)	519	(5.5)	518	(5.3)	517	(5.4)	1.5	(5.52)	1.0	(0.12)	0.0	(0.12)	
Poland	488	(6.9)	478	(7.6)	489	(6.5)	493	(7.0)	3.2	(3.95)	0.9	(0.14)	0.1	(0.25)	
Portugal	484	(10.6)	477	(10.8)	481	(8.3)	486	(9.9)	1.6	(6.20)	0.9	(0.17)	0.0	(0.41)	
Slovak Republic	<b>469</b>	(2.6)	484	(2.4)	525	(5.1)	<b>536</b>	(4.0)	<b>32.3</b>	(1.47)	<b>1.7</b>	(0.11)	9.6	(0.83)	
Slovenia	485	(3.0)	484	(3.5)	483	(3.8)	488	(4.0)	1.3	(1.92)	1.0	(0.08)	0.0	(0.05)	
Spain	476	(4.8)	474	(4.6)	478	(5.0)	485	(4.8)	3.7	(2.97)	1.1	(0.09)	0.1	(0.23)	
Sweden	525	(6.3)	527	(5.4)	533	(5.8)	543	(7.4)	6.8	(4.12)	1.1	(0.14)	0.5	(0.67)	
Switzerland	<b>421</b>	(6.0)	443	(10.5)	463	(8.7)	<b>468</b>	(9.8)	<b>18.8</b>	(4.00)	<b>1.4</b>	(0.13)	4.7	(2.05)	
Turkey	<b>481</b>	(5.7)	500	(6.4)	498	(7.3)	<b>501</b>	(5.7)	<b>18.7</b>	(6.44)	1.3	(0.17)	1.1	(0.82)	
United Kingdom	<b>450</b>	(8.5)	492	(6.3)	493	(5.6)	<b>494</b>	(4.8)	<b>35.4</b>	(5.12)	<b>1.8</b>	(0.22)	5.7	(1.72)	
United States	<b>478</b>	(1.1)	492	(1.1)	501	(1.0)	<b>507</b>	(1.1)	<b>14.1</b>	(0.72)	<b>1.4</b>	(0.03)	2.8	(0.23)	
OECD average															
<b>Partners</b>	Albania	<b>387</b>	(3.7)	391	(5.1)	393	(5.7)	<b>398</b>	(3.7)	<b>5.1</b>	(2.02)	1.1	(0.08)	0.3	(0.24)
Argentina	390	(6.8)	392	(5.6)	387	(6.4)	386	(5.8)	-0.5	(3.58)	0.9	(0.15)	0.0	(0.21)	
Brazil	<b>386</b>	(3.6)	400	(5.1)	400	(3.8)	<b>405</b>	(4.8)	<b>7.4</b>	(2.34)	1.2	(0.10)	0.8	(0.53)	
Bulgaria	<b>419</b>	(9.0)	425	(10.4)	457	(9.0)	<b>464</b>	(9.6)	<b>17.6</b>	(5.34)	<b>1.5</b>	(0.21)	4.3	(2.58)	
Colombia	<b>365</b>	(5.8)	377	(5.5)	381	(5.6)	<b>389</b>	(5.9)	<b>8.8</b>	(3.11)	<b>1.4</b>	(0.15)	1.5	(1.03)	
Costa Rica	399	(7.3)	404	(7.1)	411	(5.1)	413	(5.7)	6.3	(4.38)	<b>1.3</b>	(0.16)	0.6	(0.69)	
Croatia	<b>435</b>	(7.3)	469	(10.8)	474	(7.1)	<b>506</b>	(7.8)	<b>23.3</b>	(3.81)	<b>1.8</b>	(0.22)	7.9	(2.79)	
Cyprus*	<b>410</b>	(2.2)	449	(2.9)	450	(3.4)	<b>448</b>	(3.1)	<b>33.0</b>	(2.40)	<b>1.8</b>	(0.09)	2.8	(0.41)	
Hong Kong-China	<b>537</b>	(7.7)	569	(5.1)	567	(5.2)	<b>572</b>	(5.5)	<b>32.4</b>	(8.29)	<b>1.5</b>	(0.20)	2.6	(1.36)	
Indonesia	<b>342</b>	(6.6)	363	(6.3)	390	(7.6)	<b>408</b>	(8.2)	<b>22.4</b>	(3.36)	<b>2.1</b>	(0.28)	13.7	(3.16)	
Jordan	<b>370</b>	(5.3)	376	(6.4)	388	(5.2)	<b>408</b>	(8.8)	<b>14.7</b>	(3.58)	<b>1.4</b>	(0.14)	4.0	(1.84)	
Kazakhstan	439	(6.4)	432	(5.9)	429	(4.4)	425	(5.3)	-6.1	(3.71)	0.8	(0.11)	0.6	(0.72)	
Latvia	<b>479</b>	(5.9)	482	(5.9)	498	(6.0)	<b>501</b>	(4.5)	<b>13.6</b>	(4.24)	1.3	(0.16)	1.4	(0.91)	
Liechtenstein	c	c	c	c	c	c	c	c	<b>35.6</b>	(3.93)	<b>2.6</b>	(0.71)	17.6	(3.48)	
Lithuania	<b>459</b>	(4.7)	470	(5.9)	491	(5.4)	<b>495</b>	(5.2)	<b>20.9</b>	(4.13)	<b>1.5</b>	(0.14)	3.0	(1.19)	
Macao-China	<b>513</b>	(2.5)	548	(2.9)	546	(4.2)	<b>546</b>	(4.1)	<b>31.0</b>	(1.53)	<b>1.6</b>	(0.07)	4.0	(0.37)	
Malaysia	<b>408</b>	(5.3)	408	(4.5)	424	(6.7)	<b>443</b>	(7.8)	<b>15.1</b>	(4.09)	1.2	(0.13)	3.1	(1.57)	
Montenegro	<b>393</b>	(2.4)	401	(3.8)	413	(4.0)	<b>436</b>	(3.4)	<b>18.4</b>	(1.39)	<b>1.3</b>	(0.10)	4.3	(0.60)	
Peru	<b>349</b>	(6.0)	358	(5.3)	362	(6.6)	<b>404</b>	(9.4)	<b>20.3</b>	(4.12)	<b>1.4</b>	(0.15)	5.5	(2.09)	
Qatar	<b>346</b>	(1.9)	356	(2.0)	364	(2.0)	<b>440</b>	(1.6)	<b>37.3</b>	(0.84)	<b>1.4</b>	(0.08)	11.1	(0.44)	
Romania	434	(8.3)	435	(7.3)	451	(5.8)	457	(8.5)	10.6	(5.53)	1.3	(0.17)	1.4	(1.43)	
Russian Federation	<b>465</b>	(4.6)	476	(5.1)	481	(5.7)	<b>506</b>	(6.4)	<b>15.4</b>	(3.00)	<b>1.3</b>	(0.13)	3.0	(1.13)	
Serbia	<b>431</b>	(7.6)	441	(7.3)	455	(7.6)	<b>468</b>	(9.3)	<b>15.0</b>	(5.32)	1.2	(0.18)	2.4	(1.62)	
Shanghai-China	577	(8.3)	596	(8.8)	638	(6.0)	<b>639</b>	(5.6)	<b>32.0</b>	(4.41)	<b>1.8</b>	(0.18)	7.8	(2.20)	
Singapore	<b>553</b>	(3.8)	564	(3.6)	591	(3.5)	<b>590</b>	(3.7)	<b>27.3</b>	(1.87)	<b>1.3</b>	(0.08)	2.8	(0.38)	
Chinese Taipei	<b>537</b>	(7.8)	554	(10.1)	568	(6.5)	<b>580</b>	(8.4)	<b>18.0</b>	(5.14)	<b>1.4</b>	(0.15)	2.0	(1.14)	
Thailand	<b>401</b>	(5.6)	420	(7.1)	443	(6.0)	<b>444</b>	(5.9)	<b>19.1</b>	(3.12)	<b>1.6</b>	(0.19)	5.0	(1.65)	
Tunisia	383	(6.6)	383	(7.6)	392	(9.6)	393	(10.2)	4.2	(4.68)	1.0	(0.18)	0.3	(0.77)	
United Arab Emirates	<b>416</b>	(5.0)	423	(4.2)	442	(5.8)	<b>482</b>	(4.2)	<b>27.5</b>	(2.45)	<b>1.4</b>	(0.13)	9.1	(1.50)	
Uruguay	400	(8.0)	407	(5.8)	421	(7.4)	411	(6.8)	4.9	(4.59)	<b>1.3</b>	(0.16)	0.3	(0.53)	
Viet Nam	<b>499</b>	(7.5)	503	(9.5)	512	(7.7)	<b>531</b>	(7.5)	<b>16.7</b>	(5.45)	1.3	(0.15)	2.5	(1.66)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957460>




[Part 1/2]  
**Index of extracurricular mathematics activities at school and mathematics performance**  
 Results based on school principals' reports

Table IV.3.32

	Index of extracurricular mathematics activities at school										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	2.64	(0.06)	0.92	(0.06)	2.23	(0.11)	3.11	(0.08)	4.31	(0.04)	1.30	(0.03)
Austria	1.14	(0.07)	0.00	(0.01)	0.79	(0.14)	1.25	(0.13)	2.52	(0.13)	1.04	(0.07)
Belgium	1.61	(0.06)	0.37	(0.07)	1.08	(0.11)	2.00	(0.03)	3.00	(0.14)	1.06	(0.04)
Canada	2.67	(0.07)	0.77	(0.09)	2.11	(0.10)	3.25	(0.09)	4.55	(0.07)	1.46	(0.03)
Chile	2.01	(0.11)	0.44	(0.11)	1.63	(0.13)	2.28	(0.15)	3.70	(0.15)	1.30	(0.06)
Czech Republic	2.34	(0.10)	0.84	(0.04)	1.73	(0.14)	2.63	(0.14)	4.15	(0.18)	1.32	(0.05)
Denmark	0.87	(0.07)	0.00	(0.00)	0.26	(0.15)	1.00	(0.00)	2.20	(0.17)	0.95	(0.05)
Estonia	2.74	(0.07)	1.15	(0.11)	2.12	(0.11)	3.23	(0.09)	4.45	(0.07)	1.31	(0.04)
Finland	2.16	(0.07)	0.79	(0.06)	1.80	(0.13)	2.67	(0.12)	3.36	(0.09)	1.06	(0.05)
France	2.08	(0.07)	0.56	(0.08)	1.60	(0.12)	2.53	(0.12)	3.62	(0.12)	1.25	(0.05)
Germany	2.32	(0.10)	0.68	(0.08)	1.85	(0.11)	2.56	(0.12)	4.20	(0.20)	1.38	(0.06)
Greece	1.45	(0.08)	0.54	(0.09)	1.00	(0.00)	1.21	(0.13)	3.05	(0.18)	1.13	(0.07)
Hungary	3.39	(0.11)	1.28	(0.17)	3.16	(0.24)	4.12	(0.13)	5.00	(0.01)	1.47	(0.07)
Iceland	1.81	(0.01)	0.56	(0.01)	1.00	(0.00)	2.17	(0.02)	3.52	(0.01)	1.24	(0.00)
Ireland	1.81	(0.11)	0.29	(0.13)	1.18	(0.15)	2.22	(0.15)	3.54	(0.14)	1.31	(0.07)
Israel	2.35	(0.10)	0.73	(0.19)	2.00	(0.03)	2.74	(0.15)	3.92	(0.14)	1.24	(0.05)
Italy	2.45	(0.05)	1.05	(0.10)	2.16	(0.10)	3.00	(0.00)	3.60	(0.05)	1.08	(0.03)
Japan	2.02	(0.08)	0.56	(0.11)	1.70	(0.13)	2.40	(0.12)	3.43	(0.11)	1.17	(0.06)
Korea	4.08	(0.08)	2.32	(0.17)	4.01	(0.15)	5.00	(0.07)	5.00	(0.00)	1.17	(0.07)
Luxembourg	2.49	(0.00)	1.48	(0.00)	2.00	(0.00)	2.47	(0.00)	4.01	(0.00)	1.09	(0.00)
Mexico	2.42	(0.05)	0.70	(0.03)	1.79	(0.05)	2.86	(0.07)	4.33	(0.10)	1.42	(0.03)
Netherlands	1.24	(0.07)	0.05	(0.10)	1.00	(0.03)	1.42	(0.17)	2.49	(0.12)	0.96	(0.06)
New Zealand	3.23	(0.09)	1.68	(0.17)	3.00	(0.02)	3.71	(0.16)	4.52	(0.14)	1.15	(0.06)
Norway	0.99	(0.07)	0.00	(0.00)	0.49	(0.14)	1.08	(0.12)	2.41	(0.15)	1.02	(0.07)
Poland	4.31	(0.08)	2.85	(0.19)	4.37	(0.16)	5.00	(0.00)	5.00	(0.00)	0.98	(0.06)
Portugal	3.26	(0.08)	2.19	(0.18)	3.00	(0.00)	3.64	(0.18)	4.20	(0.07)	0.91	(0.06)
Slovak Republic	3.69	(0.09)	2.02	(0.17)	3.33	(0.13)	4.41	(0.13)	5.00	(0.00)	1.25	(0.06)
Slovenia	3.78	(0.01)	2.70	(0.01)	3.42	(0.02)	4.00	(0.02)	5.00	(0.03)	0.91	(0.01)
Spain	1.36	(0.06)	0.14	(0.08)	1.00	(0.00)	1.55	(0.10)	2.75	(0.11)	1.06	(0.04)
Sweden	1.62	(0.09)	0.56	(0.10)	1.00	(0.00)	1.81	(0.17)	3.10	(0.18)	1.08	(0.05)
Switzerland	1.38	(0.06)	0.23	(0.11)	1.00	(0.00)	1.70	(0.13)	2.59	(0.09)	0.97	(0.04)
Turkey	1.76	(0.12)	0.27	(0.14)	1.05	(0.13)	2.13	(0.20)	3.61	(0.13)	1.32	(0.06)
United Kingdom	3.96	(0.07)	2.57	(0.09)	3.65	(0.13)	4.63	(0.14)	5.00	(0.00)	1.05	(0.04)
United States	2.71	(0.12)	0.78	(0.21)	2.26	(0.16)	3.18	(0.15)	4.62	(0.12)	1.48	(0.07)
OECD average	2.36	(0.01)	0.94	(0.02)	1.94	(0.02)	2.73	(0.02)	3.82	(0.02)	1.17	(0.01)
<b>Partners</b>												
Albania	3.30	(0.09)	1.37	(0.12)	2.89	(0.21)	4.00	(0.09)	4.94	(0.10)	1.37	(0.05)
Argentina	2.13	(0.10)	0.58	(0.11)	1.44	(0.14)	2.56	(0.15)	3.94	(0.15)	1.38	(0.06)
Brazil	2.10	(0.07)	0.92	(0.03)	1.36	(0.12)	2.60	(0.13)	3.51	(0.09)	1.13	(0.04)
Bulgaria	2.62	(0.11)	0.69	(0.13)	2.08	(0.17)	3.26	(0.16)	4.45	(0.09)	1.46	(0.05)
Colombia	1.65	(0.10)	0.00	(0.08)	1.00	(0.10)	1.92	(0.20)	3.69	(0.20)	1.43	(0.08)
Costa Rica	1.86	(0.10)	0.33	(0.12)	1.12	(0.13)	2.33	(0.15)	3.65	(0.15)	1.36	(0.07)
Croatia	2.78	(0.09)	1.00	(0.14)	2.59	(0.13)	3.15	(0.13)	4.38	(0.10)	1.32	(0.06)
Cyprus*	2.98	(0.00)	1.76	(0.00)	2.77	(0.00)	3.13	(0.00)	4.28	(0.00)	1.00	(0.00)
Hong Kong-China	4.44	(0.07)	3.34	(0.15)	4.43	(0.17)	5.00	(0.00)	5.00	(0.00)	0.79	(0.05)
Indonesia	2.62	(0.13)	0.75	(0.16)	2.11	(0.19)	3.19	(0.18)	4.44	(0.11)	1.42	(0.06)
Jordan	2.07	(0.09)	0.43	(0.11)	1.67	(0.15)	2.34	(0.12)	3.85	(0.12)	1.35	(0.06)
Kazakhstan	3.77	(0.08)	2.28	(0.14)	3.67	(0.12)	4.15	(0.15)	5.00	(0.00)	1.08	(0.06)
Latvia	2.78	(0.09)	1.03	(0.13)	2.38	(0.13)	3.27	(0.14)	4.46	(0.10)	1.34	(0.05)
Liechtenstein	1.36	(0.02)	0.71	(0.03)	1.00	(0.00)	1.00	(0.00)	2.75	(0.08)	0.95	(0.01)
Lithuania	2.86	(0.10)	1.21	(0.14)	2.73	(0.14)	3.19	(0.14)	4.31	(0.07)	1.21	(0.05)
Macao-China	3.87	(0.00)	1.98	(0.00)	3.62	(0.00)	4.88	(0.00)	5.00	(0.00)	1.31	(0.00)
Malaysia	4.25	(0.07)	2.93	(0.14)	4.08	(0.15)	5.00	(0.04)	5.00	(0.00)	0.90	(0.04)
Montenegro	3.00	(0.00)	1.58	(0.00)	2.26	(0.01)	3.44	(0.01)	4.73	(0.01)	1.29	(0.00)
Peru	2.07	(0.09)	0.70	(0.07)	1.28	(0.13)	2.29	(0.12)	4.02	(0.16)	1.37	(0.06)
Qatar	3.72	(0.00)	2.11	(0.00)	3.32	(0.00)	4.45	(0.00)	5.00	(0.00)	1.27	(0.00)
Romania	2.92	(0.09)	1.63	(0.10)	2.50	(0.15)	3.18	(0.15)	4.39	(0.09)	1.11	(0.05)
Russian Federation	3.87	(0.07)	2.45	(0.12)	3.62	(0.12)	4.41	(0.12)	5.00	(0.00)	1.08	(0.06)
Serbia	2.78	(0.09)	1.35	(0.11)	2.42	(0.16)	3.03	(0.10)	4.31	(0.12)	1.16	(0.05)
Shanghai-China	2.81	(0.09)	0.85	(0.14)	2.30	(0.14)	3.31	(0.13)	4.77	(0.11)	1.50	(0.06)
Singapore	3.66	(0.01)	2.46	(0.03)	3.61	(0.02)	4.00	(0.00)	4.58	(0.01)	0.92	(0.01)
Chinese Taipei	3.19	(0.11)	1.45	(0.15)	2.87	(0.14)	3.77	(0.16)	4.66	(0.13)	1.28	(0.08)
Thailand	3.89	(0.08)	1.90	(0.19)	3.84	(0.10)	4.84	(0.14)	5.00	(0.00)	1.35	(0.08)
Tunisia	2.73	(0.13)	0.60	(0.11)	2.20	(0.27)	3.44	(0.15)	4.69	(0.12)	1.60	(0.05)
United Arab Emirates	3.15	(0.07)	1.40	(0.09)	2.71	(0.09)	3.55	(0.11)	4.93	(0.09)	1.38	(0.04)
Uruguay	1.76	(0.08)	0.45	(0.10)	1.29	(0.14)	2.00	(0.05)	3.29	(0.16)	1.13	(0.05)
Viet Nam	2.99	(0.08)	1.62	(0.08)	2.87	(0.13)	3.07	(0.11)	4.40	(0.12)	1.08	(0.05)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of extracurricular mathematics activities at school and mathematics performance

Table IV.3.32 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>495</b> (3.4)		502 (3.5)		502 (3.5)		<b>519</b> (4.1)		<b>6.8</b> (1.55)		<b>1.2</b> (0.06)		0.8 (0.38)	
Austria	<b>482</b> (8.2)		500 (6.9)		510 (6.3)		<b>529</b> (7.9)		<b>18.3</b> (3.60)		<b>1.5</b> (0.19)		4.2 (1.82)	
Belgium	<b>474</b> (6.1)		524 (6.0)		535 (7.4)		<b>530</b> (6.6)		<b>21.2</b> (3.22)		<b>2.0</b> (0.20)		4.8 (1.46)	
Canada	<b>510</b> (3.2)		514 (3.5)		521 (4.2)		<b>528</b> (4.3)		<b>4.8</b> (1.11)		<b>1.1</b> (0.07)		0.6 (0.29)	
Chile	<b>404</b> (5.9)		413 (5.7)		424 (5.5)		<b>450</b> (6.5)		<b>13.2</b> (2.63)		<b>1.4</b> (0.15)		4.6 (1.75)	
Czech Republic	479 (9.8)		504 (9.4)		511 (7.0)		500 (6.4)		5.2 (3.26)		<b>1.4</b> (0.18)		0.5 (0.66)	
Denmark	497 (3.8)		502 (3.9)		505 (5.3)		499 (7.1)		-0.6 (3.30)		<b>1.0</b> (0.10)		0.0 (0.12)	
Estonia	521 (4.3)		520 (5.0)		523 (4.0)		517 (4.2)		0.1 (1.67)		<b>1.0</b> (0.09)		0.0 (0.06)	
Finland	517 (5.0)		518 (4.2)		520 (3.2)		519 (2.9)		0.9 (1.80)		<b>1.0</b> (0.10)		0.0 (0.07)	
France	493 (7.8)		498 (6.3)		490 (7.3)		504 (8.3)		4.1 (3.98)		<b>1.0</b> (0.15)		0.3 (0.54)	
Germany	<b>474</b> (9.3)		510 (7.2)		527 (7.5)		<b>544</b> (8.9)		<b>20.3</b> (3.39)		<b>2.1</b> (0.30)		8.3 (2.83)	
Greece	443 (5.9)		458 (4.5)		452 (5.2)		459 (7.0)		<b>8.1</b> (2.93)		<b>1.2</b> (0.15)		1.1 (0.78)	
Hungary	<b>453</b> (10.5)		469 (9.4)		490 (9.0)		<b>499</b> (7.9)		<b>13.2</b> (3.66)		<b>1.6</b> (0.27)		4.3 (2.35)	
Iceland	<b>485</b> (3.5)		487 (3.5)		499 (3.2)		<b>503</b> (3.3)		<b>5.9</b> (1.33)		<b>1.2</b> (0.13)		0.6 (0.29)	
Ireland	499 (4.1)		502 (5.4)		498 (6.3)		511 (5.9)		3.8 (2.21)		<b>1.0</b> (0.10)		0.3 (0.42)	
Israel	453 (13.4)		467 (9.1)		463 (8.0)		481 (8.2)		7.3 (4.99)		<b>1.3</b> (0.23)		0.7 (1.04)	
Italy	<b>464</b> (5.2)		474 (5.3)		502 (4.1)		<b>508</b> (4.2)		<b>18.1</b> (2.59)		<b>1.5</b> (0.14)		4.4 (1.21)	
Japan	<b>513</b> (8.3)		529 (6.1)		538 (5.1)		<b>566</b> (8.9)		<b>18.7</b> (4.02)		<b>1.3</b> (0.18)		5.4 (2.29)	
Korea	<b>508</b> (10.4)		553 (10.7)		578 (6.7)		<b>577</b> (7.0)		<b>27.9</b> (3.28)		<b>2.4</b> (0.33)		10.9 (2.84)	
Luxembourg	<b>468</b> (2.4)		494 (3.0)		488 (3.4)		<b>510</b> (2.0)		<b>17.6</b> (0.76)		<b>1.4</b> (0.07)		4.1 (0.35)	
Mexico	<b>392</b> (2.7)		412 (3.0)		417 (2.9)		<b>433</b> (3.6)		<b>10.1</b> (1.18)		<b>1.6</b> (0.09)		3.7 (0.80)	
Netherlands	<b>471</b> (8.9)		522 (8.7)		536 (8.7)		<b>553</b> (8.3)		<b>30.3</b> (4.72)		<b>2.3</b> (0.37)		9.9 (3.04)	
New Zealand	<b>489</b> (5.6)		490 (7.1)		509 (6.9)		<b>519</b> (7.7)		<b>9.3</b> (3.45)		<b>1.3</b> (0.12)		1.2 (0.84)	
Norway	480 (6.6)		489 (4.9)		497 (4.7)		495 (4.8)		5.9 (3.07)		<b>1.2</b> (0.11)		0.4 (0.45)	
Poland	514 (5.9)		525 (7.5)		516 (6.5)		514 (5.5)		2.2 (2.96)		<b>1.0</b> (0.11)		0.1 (0.19)	
Portugal	486 (6.6)		484 (7.6)		490 (6.2)		487 (7.7)		2.4 (4.12)		<b>1.0</b> (0.12)		0.1 (0.22)	
Slovak Republic	467 (9.3)		482 (6.4)		490 (6.4)		488 (10.3)		8.9 (4.59)		<b>1.2</b> (0.17)		1.2 (1.30)	
Slovenia	<b>476</b> (2.9)		498 (4.2)		519 (4.1)		<b>520</b> (3.5)		<b>21.5</b> (1.70)		<b>1.5</b> (0.11)		4.6 (0.68)	
Spain	486 (3.5)		484 (4.8)		483 (3.5)		486 (4.6)		0.1 (2.37)		<b>0.9</b> (0.08)		0.0 (0.07)	
Sweden	<b>472</b> (5.4)		476 (4.9)		477 (5.5)		<b>489</b> (4.9)		<b>6.2</b> (2.73)		<b>1.1</b> (0.11)		0.5 (0.47)	
Switzerland	<b>519</b> (6.6)		537 (6.3)		536 (6.1)		<b>538</b> (6.3)		<b>7.4</b> (3.63)		<b>1.2</b> (0.12)		0.6 (0.59)	
Turkey	<b>425</b> (8.1)		428 (6.8)		452 (11.4)		<b>488</b> (11.6)		<b>20.1</b> (3.95)		<b>1.3</b> (0.18)		8.5 (3.11)	
United Kingdom	<b>510</b> (6.7)		501 (6.0)		486 (6.1)		<b>483</b> (6.8)		<b>-9.5</b> (3.84)		<b>0.8</b> (0.08)		1.1 (0.84)	
United States	<b>463</b> (9.0)		475 (7.7)		491 (6.1)		<b>500</b> (7.2)		<b>10.2</b> (2.82)		<b>1.5</b> (0.22)		2.8 (1.53)	
OECD average	<b>479</b> (1.2)		492 (1.1)		499 (1.0)		<b>507</b> (1.1)		<b>10.0</b> (0.54)		<b>1.3</b> (0.03)		2.7 (0.24)	
<b>Partners</b>	Albania	402 (4.4)	390 (5.8)	391 (4.9)	394 (4.6)	-2.2 (1.56)	0.9 (0.07)	0.1 (0.16)						
Argentina	395 (8.4)	391 (6.1)	380 (5.8)	389 (5.8)	-2.1 (2.68)	0.9 (0.16)	0.2 (0.41)							
Brazil	<b>385</b> (3.6)	384 (3.3)	399 (5.4)	<b>409</b> (4.9)	<b>9.2</b> (2.19)	<b>1.1</b> (0.08)	1.8 (0.83)							
Bulgaria	<b>411</b> (8.9)	432 (9.4)	447 (8.8)	<b>473</b> (8.0)	<b>17.0</b> (2.82)	<b>1.7</b> (0.26)	7.1 (2.42)							
Colombia	<b>356</b> (6.3)	373 (6.6)	383 (5.5)	<b>398</b> (4.2)	<b>10.5</b> (2.00)	<b>1.7</b> (0.22)	4.1 (1.53)							
Costa Rica	407 (6.1)	401 (5.8)	401 (5.2)	419 (8.4)	4.0 (3.71)	0.9 (0.13)	0.6 (1.18)							
Croatia	<b>434</b> (6.0)	471 (6.8)	485 (7.5)	<b>495</b> (7.8)	<b>19.6</b> (2.70)	<b>2.0</b> (0.22)	8.5 (2.27)							
Cyprus*	<b>424</b> (2.4)	440 (3.5)	443 (3.2)	<b>449</b> (2.2)	<b>10.9</b> (1.10)	<b>1.3</b> (0.09)	1.4 (0.27)							
Hong Kong-China	557 (8.2)	560 (6.0)	564 (6.8)	564 (6.5)	3.0 (6.51)	<b>1.1</b> (0.17)	0.1 (0.39)							
Indonesia	<b>356</b> (6.8)	368 (5.1)	374 (8.1)	<b>402</b> (10.4)	<b>12.8</b> (3.22)	<b>1.5</b> (0.23)	6.5 (2.98)							
Jordan	<b>373</b> (4.9)	379 (5.6)	387 (5.5)	<b>403</b> (7.8)	<b>8.6</b> (2.67)	<b>1.2</b> (0.14)	2.2 (1.29)							
Kazakhstan	<b>439</b> (5.7)	437 (6.6)	433 (5.8)	<b>418</b> (4.6)	<b>-6.5</b> (2.70)	<b>0.9</b> (0.10)	1.0 (0.81)							
Latvia	<b>481</b> (6.0)	489 (5.4)	490 (5.1)	<b>501</b> (5.2)	<b>5.9</b> (2.10)	<b>1.3</b> (0.15)	0.9 (0.65)							
Liechtenstein	<b>545</b> (15.3)	555 (20.1)	544 (18.8)	<b>495</b> (11.7)	<b>-26.7</b> (3.91)	<b>0.5</b> (0.27)	7.0 (1.99)							
Lithuania	<b>464</b> (6.8)	476 (6.5)	486 (5.6)	<b>491</b> (6.2)	<b>9.4</b> (2.85)	<b>1.3</b> (0.13)	1.6 (0.99)							
Macao-China	<b>525</b> (2.4)	534 (3.8)	545 (3.5)	<b>548</b> (2.5)	<b>6.5</b> (0.68)	<b>1.3</b> (0.06)	0.8 (0.17)							
Malaysia	428 (7.2)	420 (7.8)	417 (5.6)	417 (6.0)	-4.8 (4.11)	0.9 (0.13)	0.3 (0.58)							
Montenegro	<b>415</b> (2.6)	407 (3.0)	391 (2.9)	<b>426</b> (2.2)	<b>2.9</b> (0.78)	<b>0.8</b> (0.07)	0.2 (0.11)							
Peru	<b>359</b> (7.1)	359 (4.9)	367 (6.9)	<b>386</b> (8.1)	<b>8.3</b> (3.34)	<b>1.2</b> (0.14)	1.8 (1.55)							
Qatar	375 (2.1)	389 (2.2)	369 (3.2)	373 (1.6)	0.0 (0.53)	<b>1.0</b> (0.04)	0.0 (0.00)							
Romania	<b>430</b> (7.7)	440 (6.8)	450 (7.0)	<b>459</b> (6.8)	<b>10.9</b> (3.97)	<b>1.3</b> (0.18)	2.2 (1.72)							
Russian Federation	<b>475</b> (6.1)	477 (5.9)	484 (5.7)	492 (6.4)	6.8 (3.72)	<b>1.2</b> (0.11)	0.7 (0.79)							
Serbia	<b>430</b> (8.5)	445 (6.3)	449 (8.3)	<b>468</b> (11.0)	<b>11.4</b> (4.67)	<b>1.4</b> (0.21)	2.2 (1.85)							
Shanghai-China	<b>547</b> (7.9)	610 (8.4)	635 (8.0)	<b>659</b> (7.2)	<b>27.6</b> (2.40)	<b>2.8</b> (0.30)	16.9 (2.90)							
Singapore	<b>559</b> (3.3)	564 (3.9)	572 (3.6)	<b>603</b> (2.8)	<b>19.2</b> (1.49)	<b>1.2</b> (0.07)	2.8 (0.43)							
Chinese Taipei	<b>537</b> (9.1)	540 (9.5)	569 (10.8)	<b>593</b> (11.1)	<b>18.6</b> (4.09)	<b>1.4</b> (0.17)	4.3 (1.96)							
Thailand	<b>393</b> (4.5)	415 (6.5)	446 (7.0)	<b>453</b> (5.9)	<b>17.7</b> (2.18)	<b>1.8</b> (0.21)	8.5 (1.81)							
Tunisia	379 (7.3)	394 (10.1)	390 (7.0)	388 (8.6)	1.6 (2.92)	<b>1.2</b> (0.21)	0.1 (0.49)							
United Arab Emirates	<b>422</b> (4.6)	441 (4.3)	436 (5.7)	<b>453</b> (6.3)	<b>7.1</b> (2.17)	<b>1.4</b> (0.12)	1.2 (0.69)							
Uruguay	<b>398</b> (7.4)	407 (5.6)	406 (6.9)	<b>426</b> (10.7)	<b>11.1</b> (4.80)	<b>1.3</b> (0.17)	2.0 (1.71)							
Viet Nam	<b>487</b> (8.3)	506 (8.5)	512 (9.5)	<b>540</b> (8.1)	<b>15.9</b> (3.89)	<b>1.5</b> (0.25)	4.0 (1.95)							

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/1]

**Pre-school attendance**

Table IV.3.33 Results based on students' self-reports

		Percentage of students reporting that they had attended pre-primary education (ISCED 0)					
		No attendance		For one year or less		For more than one year	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.6	(0.2)	43.7	(0.6)	51.7	(0.6)
	Austria	1.8	(0.3)	10.5	(0.6)	87.7	(0.7)
	Belgium	2.4	(0.2)	4.6	(0.3)	93.0	(0.4)
	Canada	9.1	(0.3)	40.4	(0.7)	50.5	(0.6)
	Chile	9.2	(0.7)	56.5	(0.9)	34.3	(0.8)
	Czech Republic	3.2	(0.5)	8.8	(0.6)	88.0	(0.8)
	Denmark	1.1	(0.1)	20.1	(0.6)	78.9	(0.6)
	Estonia	7.3	(0.6)	8.7	(0.5)	83.9	(0.8)
	Finland	2.5	(0.2)	34.8	(1.0)	62.7	(1.0)
	France	1.8	(0.3)	6.4	(0.3)	91.8	(0.4)
	Germany	3.3	(0.3)	11.5	(0.6)	85.2	(0.7)
	Greece	4.6	(0.5)	27.4	(0.9)	68.0	(1.0)
	Hungary	0.5	(0.1)	4.0	(0.4)	95.5	(0.4)
	Iceland	2.1	(0.2)	3.2	(0.3)	94.7	(0.4)
	Ireland	13.6	(0.7)	43.6	(0.9)	42.8	(0.9)
	Israel	2.1	(0.2)	16.5	(0.8)	81.4	(0.9)
	Italy	4.3	(0.2)	8.0	(0.2)	87.7	(0.3)
	Japan	0.9	(0.1)	2.2	(0.2)	96.9	(0.2)
	Korea	4.5	(0.4)	12.6	(0.7)	82.9	(0.9)
	Luxembourg	4.6	(0.3)	12.8	(0.4)	82.6	(0.5)
	Mexico	9.5	(0.3)	18.7	(0.3)	71.8	(0.5)
	Netherlands	2.3	(0.3)	2.7	(0.3)	95.0	(0.3)
	New Zealand	9.3	(0.6)	19.5	(0.7)	71.2	(0.8)
	Norway	7.9	(0.4)	5.8	(0.4)	86.3	(0.6)
	Poland	2.5	(0.3)	46.4	(1.5)	51.1	(1.5)
	Portugal	15.0	(0.8)	20.7	(0.8)	64.4	(1.1)
	Slovak Republic	6.8	(0.7)	13.2	(0.8)	80.0	(1.0)
	Slovenia	14.7	(0.5)	12.8	(0.6)	72.5	(0.7)
	Spain	5.9	(0.3)	8.3	(0.2)	85.8	(0.4)
	Sweden	8.2	(0.5)	20.4	(0.8)	71.4	(0.8)
	Switzerland	1.8	(0.2)	25.0	(1.8)	73.1	(1.8)
	Turkey	70.3	(1.4)	21.0	(1.0)	8.6	(0.8)
	United Kingdom	5.0	(0.4)	26.1	(0.5)	68.9	(0.7)
United States	1.5	(0.2)	24.0	(0.9)	74.6	(0.9)	
OECD average	7.2	(0.1)	18.8	(0.1)	74.0	(0.1)	
Partners	Albania	25.4	(0.9)	21.8	(0.8)	52.8	(1.1)
	Argentina	6.2	(0.9)	22.6	(0.9)	71.2	(1.4)
	Brazil	18.9	(0.6)	33.4	(0.7)	47.7	(0.8)
	Bulgaria	10.2	(0.7)	13.0	(0.5)	76.7	(1.0)
	Colombia	14.2	(0.8)	52.5	(0.8)	33.3	(1.1)
	Costa Rica	15.4	(0.9)	39.6	(1.1)	45.0	(1.2)
	Croatia	26.8	(1.1)	22.4	(0.8)	50.8	(1.1)
	Cyprus*	3.6	(0.3)	23.5	(0.6)	73.0	(0.7)
	Hong Kong-China	1.6	(0.2)	3.3	(0.3)	95.1	(0.4)
	Indonesia	46.2	(2.2)	31.4	(2.0)	22.5	(1.5)
	Jordan	24.2	(1.0)	49.3	(0.9)	26.5	(1.0)
	Kazakhstan	65.0	(1.7)	11.3	(0.6)	23.8	(1.4)
	Latvia	11.3	(0.8)	13.3	(0.7)	75.4	(0.9)
	Liechtenstein	0.7	(0.5)	8.8	(1.8)	90.5	(1.9)
	Lithuania	30.5	(1.0)	13.2	(0.6)	56.3	(1.0)
	Macao-China	2.4	(0.2)	11.9	(0.4)	85.6	(0.5)
	Malaysia	23.8	(1.3)	28.6	(1.0)	47.6	(1.4)
	Montenegro	32.8	(0.6)	24.8	(0.6)	42.4	(0.7)
	Peru	13.8	(0.7)	25.0	(0.7)	61.1	(1.1)
	Qatar	30.7	(0.5)	41.5	(0.5)	27.8	(0.4)
	Romania	4.5	(0.5)	9.0	(0.5)	86.5	(0.8)
	Russian Federation	18.9	(1.1)	10.2	(0.6)	71.0	(1.4)
	Serbia	20.3	(0.9)	28.9	(1.1)	50.7	(1.2)
	Shanghai-China	3.6	(0.6)	8.6	(0.6)	87.8	(1.0)
	Singapore	2.3	(0.2)	7.1	(0.4)	90.6	(0.4)
	Chinese Taipei	1.5	(0.2)	14.7	(0.6)	83.8	(0.6)
	Thailand	1.7	(0.3)	10.5	(0.6)	87.8	(0.6)
	Tunisia	37.6	(1.6)	39.3	(1.1)	23.1	(1.0)
	United Arab Emirates	23.7	(0.7)	26.6	(0.6)	49.7	(0.9)
	Uruguay	16.2	(0.8)	14.1	(0.7)	69.7	(1.0)
Viet Nam	9.3	(1.0)	22.5	(1.2)	68.2	(1.5)	

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Pre-school attendance, by school features**  
*Results based on students' self-reports*

Table IV.3.34


		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	42.7	(1.2)	49.0	(1.1)	54.2	(1.1)	61.5	(1.3)	42.3	(1.1)	49.9	(0.8)	64.3	(1.3)
	Austria	80.7	(1.9)	86.4	(1.3)	90.7	(1.1)	93.2	(0.9)	82.1	(1.6)	88.7	(0.9)	93.2	(1.0)
	Belgium	89.2	(0.9)	92.1	(0.7)	95.3	(0.5)	96.1	(0.5)	87.3	(0.9)	94.6	(0.6)	96.0	(0.5)
	Canada	42.6	(1.1)	46.8	(1.2)	52.0	(1.2)	61.2	(1.1)	46.6	(2.3)	48.1	(1.2)	58.8	(1.4)
	Chile	27.9	(1.3)	30.9	(1.6)	31.1	(1.6)	47.6	(1.5)	29.9	(1.3)	31.2	(1.3)	42.0	(1.7)
	Czech Republic	84.4	(1.9)	87.4	(1.3)	91.0	(1.2)	89.5	(1.1)	84.0	(2.3)	88.8	(0.9)	89.8	(1.1)
	Denmark	72.6	(1.1)	78.2	(1.4)	80.0	(1.2)	85.2	(1.1)	73.1	(1.5)	78.3	(0.9)	85.5	(1.3)
	Estonia	76.7	(1.7)	84.0	(1.2)	86.4	(1.3)	88.9	(1.0)	75.9	(2.4)	84.5	(0.8)	89.0	(0.9)
	Finland	51.4	(1.4)	61.3	(1.7)	66.3	(1.6)	72.0	(1.6)	47.6	(3.1)	62.4	(1.3)	78.2	(1.8)
	France	87.5	(1.1)	90.6	(0.8)	94.5	(0.7)	95.2	(0.7)	83.9	(1.3)	93.2	(0.7)	96.0	(0.6)
	Germany	79.2	(1.6)	84.3	(1.2)	88.2	(1.1)	91.2	(1.1)	75.8	(1.7)	86.7	(0.9)	92.0	(0.9)
	Greece	59.9	(1.9)	67.1	(1.8)	70.3	(1.5)	74.8	(1.6)	61.8	(2.6)	68.3	(1.5)	73.4	(1.6)
	Hungary	94.8	(0.8)	95.8	(0.7)	95.3	(0.7)	96.3	(0.8)	94.2	(0.7)	95.4	(0.6)	96.9	(0.5)
	Iceland	90.2	(1.0)	95.4	(0.7)	96.7	(0.7)	96.6	(0.7)	93.3	(1.0)	94.1	(0.5)	96.7	(0.6)
	Ireland	34.2	(1.6)	40.2	(1.8)	44.4	(1.7)	52.4	(1.6)	41.2	(2.1)	38.5	(1.1)	53.3	(1.6)
	Israel	73.0	(1.7)	80.9	(1.4)	86.4	(1.3)	85.7	(1.3)	71.7	(1.9)	81.8	(1.6)	89.6	(0.9)
	Italy	84.2	(0.7)	87.5	(0.6)	89.4	(0.5)	89.9	(0.6)	84.0	(0.8)	87.8	(0.5)	91.1	(0.5)
	Japan	95.8	(0.5)	97.2	(0.5)	97.1	(0.4)	97.7	(0.4)	94.9	(0.6)	97.5	(0.3)	98.0	(0.3)
	Korea	79.8	(1.5)	80.7	(1.4)	85.2	(1.1)	85.7	(1.3)	82.1	(1.8)	82.4	(1.3)	84.6	(1.3)
	Luxembourg	74.8	(1.2)	83.3	(1.1)	87.2	(0.9)	85.1	(1.0)	78.4	(0.8)	87.9	(1.1)	85.7	(0.8)
	Mexico	61.3	(1.2)	68.6	(0.9)	74.2	(0.7)	83.3	(0.6)	64.4	(1.2)	71.3	(0.7)	80.6	(0.6)
	Netherlands	92.7	(1.0)	96.2	(0.7)	95.3	(0.8)	95.9	(0.6)	93.3	(1.0)	95.5	(0.4)	95.6	(0.7)
	New Zealand	60.3	(1.9)	70.8	(1.7)	74.6	(1.5)	80.6	(1.4)	61.9	(2.7)	71.6	(1.3)	78.8	(1.6)
	Norway	78.0	(1.3)	84.9	(1.3)	88.1	(1.2)	94.6	(0.8)	79.0	(1.9)	85.5	(0.7)	93.9	(1.0)
	Poland	28.4	(2.2)	42.8	(2.5)	56.7	(2.4)	76.6	(1.7)	31.9	(3.2)	50.7	(2.2)	75.9	(1.7)
	Portugal	52.5	(1.7)	60.3	(1.7)	65.8	(2.0)	78.9	(1.4)	59.5	(1.8)	62.6	(1.6)	75.9	(2.2)
	Slovak Republic	63.9	(2.4)	81.0	(1.6)	85.5	(1.3)	89.8	(1.0)	63.6	(2.6)	84.2	(1.0)	89.4	(1.5)
	Slovenia	61.4	(1.6)	69.3	(1.3)	77.1	(1.3)	82.6	(1.4)	63.5	(1.4)	73.2	(1.1)	80.2	(1.2)
	Spain	80.1	(0.9)	84.1	(0.9)	87.9	(0.9)	91.3	(0.5)	82.7	(1.1)	85.6	(0.6)	89.5	(0.7)
	Sweden	61.9	(1.5)	70.7	(1.5)	76.2	(1.5)	77.3	(1.2)	70.5	(2.4)	68.3	(1.1)	80.5	(1.7)
	Switzerland	68.2	(2.4)	71.7	(2.0)	77.0	(2.2)	75.6	(2.6)	63.2	(4.3)	76.1	(1.9)	77.8	(3.8)
	Turkey	1.7	(0.5)	3.4	(0.7)	6.7	(1.2)	22.9	(1.9)	4.8	(0.7)	5.4	(0.6)	19.2	(1.9)
United Kingdom	61.1	(1.6)	67.4	(1.3)	71.9	(1.3)	76.9	(1.1)	60.3	(1.5)	70.3	(1.0)	74.3	(1.3)	
United States	61.1	(2.0)	72.2	(1.6)	79.7	(1.5)	85.3	(1.1)	63.9	(1.6)	75.6	(1.2)	82.8	(1.3)	
OECD average	66.3	(0.3)	72.4	(0.2)	76.4	(0.2)	81.1	(0.2)	67.4	(0.3)	74.0	(0.2)	80.8	(0.2)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	56.3	(2.5)	68.9	(2.2)	76.4	(1.8)	83.8	(1.6)	54.1	(2.1)	73.6	(2.3)	85.9	(1.4)
	Brazil	36.8	(1.1)	44.7	(1.0)	49.2	(1.5)	60.5	(1.6)	38.8	(1.3)	46.8	(1.1)	61.4	(1.9)
	Bulgaria	66.2	(2.3)	79.6	(1.5)	81.4	(1.2)	80.4	(1.1)	69.0	(2.1)	80.0	(1.4)	81.7	(0.9)
	Colombia	23.9	(1.6)	28.6	(1.6)	33.6	(1.6)	47.3	(2.5)	27.0	(1.8)	29.6	(1.4)	44.8	(1.9)
	Costa Rica	33.1	(2.1)	37.9	(2.0)	46.7	(2.0)	62.5	(2.3)	35.5	(2.3)	42.1	(1.3)	62.8	(3.0)
	Croatia	27.4	(1.8)	44.4	(1.8)	58.1	(1.9)	73.5	(1.6)	32.3	(1.9)	53.8	(2.1)	71.2	(1.7)
	Cyprus*	66.9	(1.5)	72.0	(1.3)	76.0	(1.2)	77.4	(1.2)	68.3	(1.2)	75.1	(1.0)	75.9	(1.0)
	Hong Kong-China	91.2	(0.9)	95.6	(0.8)	96.4	(0.7)	97.2	(0.6)	92.2	(0.9)	95.7	(0.5)	98.2	(0.4)
	Indonesia	13.7	(1.7)	15.5	(2.0)	24.3	(2.0)	36.6	(3.5)	16.7	(2.3)	20.0	(2.6)	33.8	(4.0)
	Jordan	15.5	(1.4)	22.2	(1.7)	30.0	(1.7)	38.3	(1.6)	18.4	(1.8)	24.1	(1.2)	41.5	(2.7)
	Kazakhstan	9.6	(1.2)	19.9	(2.5)	26.2	(1.8)	39.4	(2.1)	9.2	(1.8)	18.2	(1.6)	42.2	(2.2)
	Latvia	60.6	(2.4)	75.7	(1.8)	81.2	(1.8)	83.3	(1.3)	58.5	(3.5)	77.2	(1.4)	83.3	(1.1)
	Liechtenstein	91.0	(3.6)	93.2	(2.7)	94.6	(2.9)	83.8	(4.8)	c	c	88.9	(2.8)	c	c
	Lithuania	38.6	(1.7)	47.9	(1.7)	66.3	(1.6)	72.4	(1.4)	32.6	(2.4)	57.4	(1.8)	76.3	(1.6)
	Macao-China	83.7	(1.0)	86.1	(0.9)	86.6	(0.8)	86.4	(1.0)	84.9	(0.7)	85.6	(1.0)	86.8	(0.8)
	Malaysia	33.4	(2.0)	43.1	(2.1)	51.7	(2.3)	62.2	(2.1)	34.9	(1.9)	44.2	(2.1)	65.0	(2.3)
	Montenegro	22.6	(1.2)	36.7	(1.5)	48.1	(1.8)	61.9	(1.5)	30.4	(1.1)	37.5	(1.6)	57.5	(1.3)
	Peru	45.7	(1.8)	56.8	(1.7)	66.4	(2.2)	75.7	(1.8)	48.4	(1.8)	58.8	(1.7)	76.2	(1.7)
	Qatar	15.8	(0.7)	28.9	(0.8)	31.6	(1.0)	35.4	(1.0)	21.8	(0.6)	23.2	(1.0)	34.7	(0.6)
	Romania	79.3	(1.8)	86.7	(1.2)	87.9	(1.3)	92.3	(1.0)	80.8	(1.8)	86.3	(1.1)	92.8	(0.8)
	Russian Federation	55.9	(2.6)	70.4	(2.2)	77.1	(1.4)	80.9	(1.5)	54.5	(3.9)	72.0	(2.5)	82.0	(1.2)
	Serbia	35.9	(1.9)	44.1	(1.6)	54.9	(2.2)	68.2	(1.7)	41.2	(2.3)	48.3	(1.9)	67.5	(1.8)
	Shanghai-China	73.9	(2.8)	89.7	(1.2)	92.2	(0.8)	95.4	(0.7)	76.0	(2.5)	90.8	(0.9)	94.8	(0.7)
	Singapore	88.5	(0.9)	90.6	(0.8)	91.5	(0.9)	91.9	(0.8)	88.4	(0.8)	90.8	(0.6)	92.8	(0.9)
	Chinese Taipei	78.2	(1.4)	83.5	(1.0)	86.2	(0.9)	87.3	(1.1)	81.9	(1.2)	83.6	(1.0)	86.0	(1.2)
	Thailand	83.9	(1.2)	86.3	(1.2)	87.9	(1.1)	93.2	(0.7)	84.3	(1.3)	87.3	(0.9)	93.0	(0.7)
	Tunisia	10.9	(1.1)	21.4	(2.2)	28.2	(1.5)	32.3	(1.9)	12.8	(1.3)	23.8	(1.5)	33.2	(1.7)
	United Arab Emirates	38.2	(1.6)	48.6	(1.6)	54.6	(1.3)	57.8	(1.3)	40.2	(1.4)	48.5	(1.8)	58.2	(1.9)
	Uruguay	57.7	(1.8)	65.0	(2.0)	70.8	(1.7)	85.2	(1.2)	60.5	(1.6)	68.6	(1.7)	87.5	(1.3)
Viet Nam	49.8	(2.7)	66.5	(2.0)	73.7	(2.5)	82.7	(1.7)	59.4	(2.7)	67.3	(2.7)	82.4	(1.9)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the *PISA index of economic, social and cultural status*.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

\* See notes at the beginning of this Annex.

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[Part 2/2]  
Pre-school attendance, by school features

Table IV.3.34 Results based on students' self-reports

		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year													
		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	<b>48.6</b>	(0.8)	<b>56.7</b>	(1.1)	<b>54.0</b>	(0.7)	<b>42.0</b>	(1.3)	46.4	(2.2)	49.5	(1.3)	<b>53.3</b>	(0.9)
	Austria	87.3	(0.8)	92.1	(2.2)	79.3	(4.9)	88.2	(0.7)	85.1	(3.0)	88.1	(1.0)	87.9	(1.1)
	Belgium	<b>90.0</b>	(1.0)	<b>94.3</b>	(0.4)	<b>74.5</b>	(1.9)	<b>95.0</b>	(0.3)	88.3	(5.2)	93.7	(0.4)	91.4	(1.1)
	Canada	50.4	(0.7)	52.1	(2.7)	<b>37.3</b>	(1.3)	<b>52.7</b>	(0.7)	47.3	(2.4)	43.6	(1.4)	<b>55.9</b>	(1.0)
	Chile	<b>30.8</b>	(1.0)	<b>36.1</b>	(1.1)	30.1	(2.8)	34.5	(0.8)	30.8	(2.9)	31.5	(1.4)	<b>36.5</b>	(1.1)
	Czech Republic	87.8	(1.0)	85.9	(2.5)	87.5	(1.3)	88.6	(0.8)	88.1	(4.6)	87.8	(1.1)	87.3	(1.8)
	Denmark	<b>77.8</b>	(0.7)	<b>82.4</b>	(1.3)	<b>78.8</b>	(0.6)	<b>89.6</b>	(5.1)	77.7	(1.4)	79.5	(0.9)	78.8	(1.5)
	Estonia	83.8	(0.8)	86.1	(4.9)	84.0	(0.8)	81.5	(5.0)	<b>74.6</b>	(2.3)	86.7	(0.9)	87.2	(0.9)
	Finland	<b>62.0</b>	(1.1)	<b>81.1</b>	(3.9)	62.7	(1.0)	c	c	49.1	(6.5)	58.0	(1.2)	<b>77.3</b>	(1.2)
	France	91.7	(0.6)	91.2	(0.9)	<b>83.1</b>	(1.3)	<b>95.4</b>	(0.4)	87.8	(2.0)	92.3	(0.7)	91.2	(1.4)
	Germany	84.8	(0.8)	89.2	(3.5)	85.2	(0.6)	84.2	(5.8)	c	c	85.2	(0.9)	85.0	(1.6)
	Greece	68.3	(1.0)	c	c	<b>42.4</b>	(3.9)	<b>69.5</b>	(1.0)	69.6	(4.3)	67.8	(1.3)	67.9	(1.9)
	Hungary	95.6	(0.4)	95.7	(1.1)	<b>90.2</b>	(1.6)	<b>96.2</b>	(0.3)	95.4	(2.3)	96.2	(0.5)	94.8	(0.5)
	Iceland	94.7	(0.4)	c	c	94.7	(0.4)	c	c	<b>92.4</b>	(0.9)	96.5	(0.5)	<b>93.6</b>	(0.9)
	Ireland	40.8	(1.3)	43.1	(1.3)	<b>48.0</b>	(1.1)	<b>34.2</b>	(1.3)	38.4	(2.0)	40.5	(1.2)	<b>50.9</b>	(1.7)
	Israel	81.3	(0.9)	c	c	83.5	(2.3)	81.0	(0.9)	<b>87.2</b>	(2.1)	76.8	(1.5)	<b>84.3</b>	(1.5)
	Italy	87.8	(0.3)	86.1	(1.6)	<b>56.7</b>	(3.9)	<b>88.4</b>	(0.3)	85.0	(2.6)	89.0	(0.4)	<b>85.4</b>	(0.7)
	Japan	96.7	(0.3)	97.4	(0.3)	c	c	96.9	(0.2)	c	c	96.4	(0.5)	97.0	(0.3)
	Korea	82.5	(1.2)	83.2	(1.4)	78.2	(5.2)	83.2	(0.9)	c	c	81.2	(3.9)	83.0	(0.8)
	Luxembourg	<b>83.2</b>	(0.6)	<b>79.1</b>	(1.5)	<b>80.2</b>	(0.7)	<b>86.1</b>	(0.7)	c	c	82.6	(0.5)	c	c
	Mexico	<b>70.4</b>	(0.6)	<b>82.2</b>	(0.9)	<b>67.6</b>	(0.9)	<b>74.3</b>	(0.7)	<b>66.0</b>	(1.4)	70.6	(1.1)	<b>75.0</b>	(0.7)
	Netherlands	94.8	(0.7)	94.7	(0.4)	94.7	(0.4)	95.8	(0.7)	c	c	95.1	(0.4)	93.9	(0.9)
	New Zealand	<b>71.3</b>	(0.9)	<b>79.4</b>	(2.3)	<b>57.4</b>	(3.4)	<b>72.1</b>	(0.8)	67.0	(3.5)	73.8	(1.6)	70.1	(1.4)
	Norway	86.4	(0.6)	c	c	86.3	(0.6)	c	c	<b>83.1</b>	(1.6)	87.0	(0.8)	86.7	(1.6)
	Poland	<b>50.4</b>	(1.6)	<b>76.5</b>	(3.5)	51.0	(1.5)	c	c	<b>32.4</b>	(3.0)	54.4	(2.1)	<b>72.9</b>	(2.5)
	Portugal	<b>62.8</b>	(1.0)	<b>78.1</b>	(3.7)	<b>57.6</b>	(1.4)	<b>69.7</b>	(1.3)	58.9	(5.9)	64.4	(1.2)	65.9	(3.4)
	Slovak Republic	79.9	(1.1)	81.0	(5.1)	<b>75.7</b>	(2.0)	<b>83.5</b>	(1.2)	<b>66.7</b>	(4.0)	80.8	(1.2)	<b>88.9</b>	(1.6)
	Slovenia	72.8	(0.7)	65.9	(5.2)	64.6	(5.1)	73.0	(0.7)	60.2	(11.8)	69.9	(0.8)	<b>77.0</b>	(1.1)
	Spain	<b>83.9</b>	(0.6)	<b>89.9</b>	(0.6)	85.8	(0.4)	c	c	<b>90.4</b>	(1.1)	85.4	(0.6)	86.0	(1.0)
	Sweden	70.8	(0.9)	75.2	(2.4)	<b>71.9</b>	(0.9)	<b>49.2</b>	(5.7)	71.5	(1.6)	70.9	(1.3)	72.3	(1.6)
	Switzerland	<b>71.8</b>	(2.0)	<b>86.3</b>	(2.4)	74.3	(2.0)	69.4	(4.1)	69.7	(7.4)	70.9	(2.4)	<b>81.8</b>	(2.2)
	Turkey	8.2	(0.7)	c	c	<b>3.8</b>	(2.3)	<b>8.8</b>	(0.8)	10.7	(4.5)	8.0	(1.3)	9.0	(1.0)
	United Kingdom	<b>67.5</b>	(0.9)	<b>71.1</b>	(1.5)	c	c	68.9	(0.7)	66.7	(2.8)	69.9	(1.0)	67.8	(1.4)
	United States	<b>74.2</b>	(1.0)	<b>84.1</b>	(2.9)	<b>69.2</b>	(2.5)	<b>75.3</b>	(0.9)	72.6	(3.5)	76.6	(1.3)	73.3	(1.3)
OECD average	<b>73.3</b>	(0.2)	<b>79.2</b>	(0.4)	<b>68.4</b>	(0.4)	<b>73.4</b>	(0.4)	<b>67.6</b>	(0.7)	73.5	(0.2)	<b>76.0</b>	(0.2)	
Partners	Albania	52.0	(1.1)	61.8	(6.2)	51.2	(1.5)	54.0	(1.3)	48.8	(2.8)	54.0	(1.2)	53.6	(2.3)
	Argentina	<b>65.5</b>	(1.8)	<b>81.9</b>	(1.8)	<b>62.7</b>	(2.1)	<b>76.0</b>	(1.6)	61.2	(6.2)	71.6	(2.3)	72.5	(1.9)
	Brazil	<b>44.1</b>	(0.7)	<b>63.9</b>	(2.5)	<b>37.2</b>	(1.5)	<b>50.4</b>	(0.9)	43.4	(7.3)	42.4	(0.9)	<b>53.1</b>	(1.1)
	Bulgaria	76.8	(1.0)	c	c	<b>35.0</b>	(5.6)	<b>78.8</b>	(0.8)	<b>59.3</b>	(6.6)	75.5	(1.5)	<b>80.6</b>	(1.0)
	Colombia	<b>30.3</b>	(1.0)	<b>48.2</b>	(4.0)	<b>30.7</b>	(1.3)	<b>35.0</b>	(1.4)	<b>23.5</b>	(2.1)	33.0	(2.4)	35.8	(1.3)
	Costa Rica	<b>40.3</b>	(1.2)	<b>71.0</b>	(3.4)	44.8	(1.4)	45.3	(1.8)	<b>33.7</b>	(2.3)	46.8	(1.8)	55.2	(4.0)
	Croatia	50.2	(1.2)	c	c	c	c	50.8	(1.1)	c	c	41.3	(1.4)	<b>66.9</b>	(1.9)
	Cyprus*	<b>73.7</b>	(0.7)	<b>67.2</b>	(1.5)	<b>66.6</b>	(2.3)	<b>73.3</b>	(0.7)	67.3	(2.9)	71.6	(0.9)	<b>76.0</b>	(1.0)
	Hong Kong-China	96.1	(1.5)	95.1	(0.5)	<b>90.6</b>	(0.9)	<b>97.3</b>	(0.3)	c	c	c	c	95.1	(0.4)
	Indonesia	21.5	(1.8)	24.3	(2.8)	22.5	(2.2)	22.5	(2.3)	19.1	(3.7)	21.2	(2.1)	30.5	(4.9)
	Jordan	<b>23.9</b>	(1.0)	<b>39.2</b>	(3.3)	26.5	(1.0)	c	c	21.6	(2.7)	24.7	(1.6)	<b>29.6</b>	(1.5)
	Kazakhstan	23.8	(1.4)	21.2	(3.0)	<b>25.2</b>	(1.4)	<b>19.9</b>	(1.9)	<b>8.7</b>	(1.5)	21.0	(2.4)	<b>36.7</b>	(2.3)
	Latvia	75.3	(1.0)	c	c	<b>76.1</b>	(1.0)	<b>56.6</b>	(4.5)	<b>59.9</b>	(3.2)	80.7	(1.0)	80.2	(1.3)
	Liechtenstein	90.4	(1.8)	c	c	90.0	(2.1)	94.4	(3.9)	c	c	90.5	(1.9)	c	c
	Lithuania	56.0	(1.0)	c	c	56.3	(1.0)	c	c	<b>26.8</b>	(2.8)	54.8	(1.7)	<b>73.8</b>	(1.2)
	Macao-China	c	c	85.6	(0.4)	<b>82.4</b>	(0.7)	<b>89.5</b>	(0.6)	c	c	c	c	85.7	(0.5)
	Malaysia	<b>46.3</b>	(1.5)	<b>81.4</b>	(5.3)	45.2	(3.6)	47.6	(1.5)	<b>30.7</b>	(3.0)	46.2	(2.0)	<b>59.0</b>	(2.3)
	Montenegro	42.3	(0.7)	c	c	c	c	42.4	(0.7)	c	c	38.6	(0.7)	<b>51.0</b>	(1.6)
	Peru	<b>57.3</b>	(1.3)	<b>73.5</b>	(2.9)	<b>47.9</b>	(1.4)	<b>66.4</b>	(1.3)	52.8	(2.3)	56.4	(1.8)	<b>69.4</b>	(2.0)
	Qatar	<b>20.1</b>	(0.5)	<b>40.2</b>	(0.7)	<b>22.1</b>	(1.0)	<b>29.0</b>	(0.5)	20.7	(1.1)	21.8	(0.6)	<b>34.5</b>	(0.6)
	Romania	86.5	(0.8)	c	c	86.5	(0.8)	c	c	<b>76.7</b>	(3.3)	87.3	(1.1)	87.4	(1.1)
	Russian Federation	71.0	(1.4)	c	c	<b>72.5</b>	(1.4)	<b>63.7</b>	(2.4)	<b>50.5</b>	(3.1)	71.0	(2.6)	<b>80.0</b>	(1.1)
	Serbia	50.1	(1.3)	c	c	c	c	51.1	(1.2)	c	c	45.3	(2.0)	<b>56.9</b>	(2.1)
	Shanghai-China	87.5	(1.0)	90.9	(2.3)	<b>84.8</b>	(2.0)	<b>90.1</b>	(0.7)	c	c	c	c	87.8	(1.0)
	Singapore	90.9	(0.4)	c	c	<b>67.8</b>	(4.1)	<b>91.1</b>	(0.4)	c	c	c	c	90.8	(0.4)
	Chinese Taipei	84.5	(0.8)	82.7	(0.9)	83.8	(1.3)	83.7	(0.7)	c	c	84.0	(1.0)	84.0	(0.8)
	Thailand	87.9	(0.7)	87.0	(1.3)	<b>82.5</b>	(1.6)	<b>89.2</b>	(0.6)	84.2	(2.3)	87.1	(0.9)	<b>90.7</b>	(0.8)
	Tunisia	23.2	(1.0)	c	c	<b>17.5</b>	(1.4)	<b>26.4</b>	(1.2)	18.5	(3.6)	21.6	(1.2)	<b>28.5</b>	(2.0)
	United Arab Emirates	<b>47.1</b>	(1.3)	<b>52.1</b>	(1.8)	<b>32.2</b>	(1.7)	<b>52.7</b>	(0.9)	46.3	(2.3)	47.2	(2.2)	51.6	(1.2)
	Uruguay	<b>65.6</b>	(1.1)	<b>89.3</b>	(1.4)	<b>58.0</b>	(1.7)	<b>77.6</b>	(1.0)	61.3	(6.1)	65.2	(1.5)	<b>78.1</b>	(1.3)
Viet Nam	<b>66.8</b>	(1.5)	<b>82.2</b>	(3.5)	<b>40.6</b>	(6.7)	<b>71.4</b>	(1.5)	64.9	(2.2)	63.7	(3.2)	<b>79.6</b>	(2.7)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.


\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Change between 2003 and 2012 in student-teacher ratio**  
*Results based on school principals' reports*

Table IV.3.35

	PISA 2003		PISA 2012		Change between 2003 and 2012 (PISA 2012 - PISA 2003)	
	Student-teacher ratio in the school		Student-teacher ratio in the school		Student-teacher ratio in the school	
	Mean ratio	S.E.	Mean ratio	S.E.	Dif.	S.E.
<b>OECD</b>						
Australia	13.55	(0.2)	13.15	(0.1)	<b>-0.40</b>	(0.2)
Austria	13.04	(0.5)	11.02	(0.4)	<b>-2.02</b>	(0.6)
Belgium	9.40	(0.2)	9.27	(0.1)	-0.13	(0.2)
Canada	17.00	(0.1)	15.60	(0.2)	<b>-1.40</b>	(0.3)
Czech Republic	15.15	(0.2)	13.13	(0.3)	<b>-2.03</b>	(0.4)
Denmark	11.28	(0.2)	12.09	(0.2)	<b>0.81</b>	(0.3)
Finland	10.75	(0.2)	10.61	(0.1)	-0.15	(0.2)
France	w	w	11.80	(0.2)	m	m
Germany	17.62	(0.3)	15.13	(0.3)	<b>-2.49</b>	(0.5)
Greece	9.69	(0.2)	9.11	(0.3)	-0.58	(0.4)
Hungary	10.26	(0.4)	12.41	(0.3)	<b>2.15</b>	(0.5)
Iceland	11.37	(0.0)	10.53	(0.0)	<b>-0.84</b>	(0.0)
Ireland	14.31	(0.4)	14.30	(0.2)	-0.01	(0.5)
Italy	10.04	(0.4)	10.31	(0.1)	0.27	(0.4)
Japan	14.00	(0.2)	11.64	(0.2)	<b>-2.36</b>	(0.3)
Korea	16.36	(0.1)	16.11	(0.2)	-0.24	(0.3)
Luxembourg	10.25	(0.0)	9.05	(0.0)	<b>-1.21</b>	(0.0)
Mexico	m	m	30.59	(0.7)	m	m
Netherlands	15.37	(0.3)	16.76	(0.4)	<b>1.39</b>	(0.5)
New Zealand	16.46	(0.2)	15.16	(0.2)	<b>-1.30</b>	(0.3)
Norway	10.32	(0.1)	10.44	(0.1)	0.12	(0.2)
Poland	13.30	(0.2)	9.43	(0.2)	<b>-3.87</b>	(0.3)
Portugal	10.99	(0.5)	8.85	(0.2)	<b>-2.14</b>	(0.5)
Slovak Republic	14.80	(0.2)	13.25	(0.3)	<b>-1.55</b>	(0.3)
Spain	13.61	(0.3)	12.54	(0.4)	<b>-1.08</b>	(0.5)
Sweden	12.40	(0.3)	12.46	(0.2)	0.06	(0.4)
Switzerland	12.64	(0.4)	12.07	(0.3)	-0.57	(0.5)
Turkey	21.79	(1.5)	17.44	(0.5)	<b>-4.35</b>	(1.6)
United States	15.66	(0.3)	17.42	(1.1)	1.76	(1.1)
OECD average 2003	13.39	(0.1)	12.57	(0.1)	<b>-0.82</b>	(0.1)
<b>Partners</b>						
Brazil	33.90	(1.2)	28.16	(0.7)	<b>-5.74</b>	(1.4)
Hong Kong-China	18.20	(0.2)	15.42	(0.1)	<b>-2.78</b>	(0.2)
Indonesia	m	m	16.87	(0.6)	<b>m</b>	m
Latvia	12.71	(0.2)	9.96	(0.2)	<b>-2.75</b>	(0.3)
Indonesia	m	m	16.87	(0.6)	<b>m</b>	m
Liechtenstein	7.47	(0.0)	8.04	(0.0)	<b>0.58</b>	(0.0)
Macao-China	24.51	(0.0)	15.68	(0.0)	<b>-8.84</b>	(0.0)
Russian Federation	16.28	(1.0)	14.26	(0.2)	-2.03	(1.1)
Thailand	22.79	(0.6)	20.25	(0.4)	<b>-2.54</b>	(0.7)
Tunisia	19.42	(0.3)	12.21	(0.7)	<b>-7.21</b>	(0.8)
Uruguay	17.84	(0.8)	15.48	(0.3)	<b>-2.37</b>	(0.9)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 1/1]  
**Change between 2003 and 2012 in teacher shortage**  
 Results based on school principals' reports


Table IV.3.37

	PISA 2003												PISA 2012												Change between 2003 and 2012 (PISA 2012 - PISA 2003)					
	Index of teacher shortage		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered a lot by a lack of the following:									Index of teacher shortage		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered a lot by a lack of the following:									Index of teacher shortage		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered a lot by a lack of the following:					
			Qualified mathematics teachers			Qualified science teachers			Qualified language-of-assessment teachers					Qualified mathematics teachers			Qualified science teachers			Qualified language-of-assessment teachers					Qualified mathematics teachers		Qualified science teachers		Qualified language-of-assessment teachers	
	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
<b>OECD</b>	Australia	0.28 (0.05)		30.1 (3.0)	25.6 (2.8)	13.7 (2.2)	0.20 (0.04)	24.9 (1.5)	31.8 (1.7)	12.4 (1.2)	-0.08 (0.06)		-5.3 (3.4)	6.2 (3.2)	-1.3 (2.5)															
	Austria	-0.50 (0.06)		6.1 (1.8)	10.9 (2.3)	4.5 (1.6)	-0.13 (0.09)	16.4 (3.2)	13.5 (3.1)	13.8 (2.8)	<b>0.37</b> (0.11)		<b>10.3</b> (3.7)	2.6 (3.8)	<b>9.4</b> (3.3)															
	Belgium	0.42 (0.07)		36.0 (3.0)	26.4 (2.6)	20.3 (2.8)	0.26 (0.06)	20.9 (2.9)	24.8 (2.8)	9.5 (1.9)	-0.16 (0.09)		<b>-15.1</b> (4.1)	-1.6 (3.8)	<b>-10.8</b> (3.4)															
	Canada	0.00 (0.05)		19.0 (2.0)	17.7 (1.4)	7.3 (1.0)	-0.30 (0.04)	7.1 (0.8)	12.8 (1.7)	3.7 (0.7)	<b>-0.29</b> (0.06)		<b>-11.9</b> (2.1)	<b>-4.9</b> (2.2)	<b>-3.6</b> (1.2)															
	Czech Republic	0.18 (0.04)		10.4 (2.2)	15.2 (2.4)	6.3 (1.7)	-0.42 (0.05)	3.9 (0.9)	5.4 (1.6)	1.2 (0.7)	<b>-0.61</b> (0.06)		<b>-6.5</b> (2.4)	<b>-9.8</b> (2.9)	<b>-5.2</b> (1.9)															
	Denmark	-0.12 (0.06)		3.7 (1.5)	13.5 (2.9)	4.2 (1.7)	-0.18 (0.05)	7.1 (1.8)	3.2 (1.0)	2.1 (1.1)	-0.06 (0.08)		3.4 (2.3)	<b>-10.3</b> (3.0)	-2.1 (2.0)															
	Finland	-0.56 (0.05)		6.5 (1.5)	4.0 (1.3)	6.5 (2.0)	-0.44 (0.04)	3.9 (1.3)	4.3 (1.3)	1.3 (0.4)	<b>0.12</b> (0.06)		-2.6 (1.9)	0.4 (1.8)	<b>-5.2</b> (2.0)															
	France	w	w	w	w	w	w	w	w	w	m	m	m	m	m															
	Germany	0.40 (0.08)		27.7 (3.2)	40.5 (3.2)	20.7 (2.8)	0.42 (0.06)	38.4 (3.3)	18.1 (2.8)	6.8 (1.8)	0.02 (0.10)		<b>10.7</b> (4.6)	<b>-22.4</b> (4.3)	<b>-14.0</b> (3.3)															
	Greece	0.33 (0.19)		30.4 (5.8)	31.6 (5.8)	29.6 (5.7)	-0.42 (0.07)	9.3 (2.3)	5.3 (1.5)	6.8 (1.8)	<b>-0.75</b> (0.20)		<b>-21.1</b> (6.2)	<b>-26.3</b> (6.0)	<b>-22.9</b> (6.0)															
	Hungary	-0.41 (0.06)		7.4 (2.0)	7.2 (2.1)	3.0 (1.4)	-0.65 (0.05)	7.0 (1.9)	2.7 (1.3)	1.2 (0.9)	<b>-0.24</b> (0.08)		-0.4 (2.8)	-4.5 (2.5)	-1.8 (1.7)															
	Iceland	0.27 (0.00)		29.0 (0.2)	42.7 (0.2)	14.3 (0.1)	0.18 (0.00)	28.0 (0.2)	23.4 (0.2)	9.3 (0.1)	<b>-0.09</b> (0.01)		<b>-1.0</b> (0.3)	<b>-19.3</b> (0.3)	<b>-5.0</b> (0.2)															
	Ireland	-0.08 (0.08)		13.4 (2.9)	10.4 (2.6)	4.8 (1.9)	-0.15 (0.06)	5.6 (1.9)	14.0 (3.0)	4.6 (1.8)	-0.07 (0.10)		<b>-7.8</b> (3.4)	3.6 (3.9)	-0.2 (2.6)															
	Italy	0.26 (0.08)		19.6 (2.5)	18.8 (2.9)	17.3 (2.6)	0.25 (0.04)	14.4 (1.8)	15.6 (1.7)	14.7 (1.5)	-0.01 (0.09)		-5.2 (3.1)	-3.2 (3.4)	-2.6 (3.0)															
	Japan	-0.03 (0.13)		20.6 (3.8)	21.2 (3.8)	18.7 (3.5)	-0.29 (0.07)	9.4 (2.3)	8.3 (1.9)	3.5 (1.1)	-0.25 (0.15)		<b>-11.2</b> (4.4)	<b>-12.9</b> (4.3)	<b>-15.2</b> (3.7)															
	Korea	-0.57 (0.07)		2.7 (1.3)	4.0 (1.6)	1.5 (1.0)	0.06 (0.08)	13.6 (2.4)	12.1 (2.4)	13.2 (2.7)	<b>0.64</b> (0.11)		<b>10.9</b> (2.7)	<b>8.0</b> (2.9)	<b>11.7</b> (2.9)															
	Luxembourg	0.91 (0.00)		59.7 (0.1)	13.2 (0.0)	63.6 (0.1)	1.12 (0.00)	71.1 (0.1)	68.9 (0.1)	17.9 (0.1)	<b>0.21</b> (0.00)		<b>11.5</b> (0.1)	<b>55.6</b> (0.1)	<b>-45.7</b> (0.1)															
	Mexico	0.77 (0.07)		35.8 (3.0)	36.3 (3.4)	36.6 (3.4)	0.53 (0.04)	22.9 (1.6)	28.3 (1.7)	25.5 (1.7)	<b>-0.24</b> (0.08)		<b>-12.9</b> (3.4)	<b>-8.1</b> (3.8)	<b>-11.2</b> (3.8)															
	Netherlands	0.22 (0.08)		21.9 (3.2)	25.6 (3.9)	15.6 (3.1)	0.60 (0.08)	32.0 (3.6)	45.3 (4.0)	22.8 (3.3)	<b>0.38</b> (0.11)		<b>10.1</b> (4.8)	<b>19.7</b> (5.6)	7.2 (4.5)															
	New Zealand	0.63 (0.06)		41.1 (3.1)	32.3 (2.9)	27.6 (2.7)	0.08 (0.07)	14.7 (2.4)	21.7 (3.0)	7.3 (2.0)	<b>-0.55</b> (0.09)		<b>-26.4</b> (3.9)	<b>-10.6</b> (4.2)	<b>-20.3</b> (3.3)															
	Norway	0.32 (0.06)		14.7 (2.9)	19.7 (3.3)	10.7 (2.3)	0.31 (0.07)	13.3 (2.7)	18.8 (2.9)	20.1 (3.3)	-0.01 (0.09)		-1.4 (4.0)	-0.9 (4.4)	<b>9.5</b> (4.0)															
	Poland	0.13 (0.09)		14.9 (3.1)	10.6 (2.5)	9.3 (2.4)	-1.02 (0.02)	0.7 (0.7)	0.0 c	0.0 c	<b>-1.15</b> (0.10)		<b>-14.1</b> (3.1)	-10.6 c	-9.3 c															
	Portugal	-0.72 (0.07)		5.9 (2.3)	4.0 (1.5)	4.8 (1.7)	-0.80 (0.06)	1.2 (0.8)	0.8 (0.8)	0.8 (0.8)	-0.09 (0.09)		-4.7 (2.5)	-3.2 (1.7)	<b>-4.0</b> (1.9)															
	Slovak Republic	-0.18 (0.04)		5.7 (1.5)	9.8 (1.9)	4.9 (1.2)	-0.34 (0.05)	5.0 (1.2)	5.3 (1.4)	2.2 (0.8)	<b>-0.16</b> (0.07)		-0.7 (1.9)	-4.4 (2.4)	-2.7 (1.4)															
	Spain	-0.44 (0.09)		10.1 (2.3)	9.1 (2.5)	9.7 (2.4)	-0.73 (0.03)	2.2 (0.6)	2.2 (0.8)	1.3 (0.6)	<b>-0.29</b> (0.09)		<b>-8.0</b> (2.3)	<b>-6.9</b> (2.6)	<b>-8.3</b> (2.5)															
	Sweden	0.24 (0.08)		16.8 (2.9)	21.7 (2.6)	17.9 (2.8)	-0.06 (0.07)	20.0 (2.6)	14.2 (2.6)	4.1 (1.6)	<b>-0.30</b> (0.10)		3.3 (3.8)	-7.5 (3.7)	<b>-13.8</b> (3.2)															
	Switzerland	-0.18 (0.08)		8.8 (2.1)	15.7 (2.9)	9.6 (2.3)	0.05 (0.06)	23.2 (2.6)	14.2 (2.4)	3.6 (1.0)	<b>0.23</b> (0.09)		<b>14.4</b> (3.4)	-1.5 (3.8)	<b>-6.0</b> (2.5)															
	Turkey	2.21 (0.10)		84.4 (3.0)	77.0 (3.8)	77.6 (4.0)	0.88 (0.06)	41.9 (4.0)	30.6 (3.5)	27.6 (3.5)	<b>-1.33</b> (0.12)		<b>-42.4</b> (5.0)	<b>-46.4</b> (5.1)	<b>-50.0</b> (5.3)															
	United States	-0.01 (0.07)		22.0 (2.8)	22.3 (2.9)	5.8 (1.6)	-0.42 (0.07)	9.4 (2.1)	9.2 (2.1)	2.3 (1.0)	<b>-0.41</b> (0.10)		<b>-12.6</b> (3.5)	<b>-13.1</b> (3.6)	-3.5 (1.9)															
	OECD average 2003	0.13 (0.01)		21.6 (0.5)	21.0 (0.5)	16.7 (0.5)	-0.05 (0.01)	16.7 (0.4)	16.2 (0.4)	8.5 (0.3)	<b>-0.18</b> (0.02)		<b>-4.9</b> (0.6)	<b>-4.7</b> (0.7)	<b>-8.1</b> (0.6)															
<b>Partners</b>	Brazil	0.47 (0.11)		33.3 (3.4)	29.6 (3.2)	24.4 (3.3)	0.19 (0.05)	21.8 (2.2)	18.3 (1.9)	12.8 (1.7)	<b>-0.27</b> (0.12)		<b>-11.5</b> (4.0)	<b>-11.3</b> (3.8)	<b>-11.7</b> (3.7)															
	Hong Kong-China	-0.01 (0.07)		15.8 (3.0)	7.1 (2.0)	10.0 (2.6)	-0.23 (0.07)	3.9 (1.5)	10.6 (2.5)	5.8 (1.7)	<b>-0.22</b> (0.10)		<b>-11.9</b> (3.3)	3.5 (3.2)	-4.2 (3.1)															
	Indonesia	1.61 (0.11)		54.3 (4.1)	54.1 (4.4)	48.4 (4.1)	0.27 (0.08)	16.2 (2.9)	12.8 (2.4)	13.1 (2.7)	<b>-1.35</b> (0.14)		<b>-38.0</b> (5.0)	<b>-41.4</b> (5.0)	<b>-35.3</b> (4.9)															
	Latvia	-0.06 (0.06)		13.7 (3.0)	12.0 (2.9)	8.1 (2.2)	-0.41 (0.06)	6.4 (1.9)	3.3 (1.5)	4.6 (1.6)	<b>-0.35</b> (0.09)		-7.3 (2.5)	<b>-8.7</b> (3.2)	-3.5 (2.7)															
	Liechtenstein	-0.39 (0.01)		0.0 c	0.0 c	0.0 c	0.05 (0.02)	0.0 c	0.0 c	7.1 (0.8)	<b>0.44</b> (0.02)		0.0 c	0.0 c	7.1 c															
	Macao-China	0.34 (0.00)		18.3 (0.2)	27.4 (0.2)	8.3 (0.1)	0.00 (0.00)	24.1 (0.0)	27.5 (0.1)	15.4 (0.0)	<b>-0.34</b> (0.00)		<b>5.8</b> (0.2)	0.1 (0.2)	<b>7.1</b> (0.1)															
	Russian Federation	0.59 (0.10)		35.5 (3.8)	33.4 (3.4)	31.0 (3.8)	0.35 (0.07)	24.3 (3.4)	26.5 (3.3)	21.5 (3.4)	-0.24 (0.12)		<b>-11.2</b> (5.1)	-6.9 (4.7)	-9.5 (5.1)															
	Thailand	0.54 (0.10)		37.1 (4.0)	34.3 (3.9)	26.6 (3.6)	0.94 (0.08)	47.4 (3.6)	45.5 (4.1)	44.4 (3.9)	<b>0.40</b> (0.13)		10.3 (5.4)	<b>11.2</b> (5.6)	<b>17.9</b> (5.3)															
	Tunisia	0.23 (0.07)		28.9 (3.8)	16.6 (3.0)	6.3 (2.1)	-0.11 (0.07)	12.3 (2.6)	10.0 (2.6)	9.3 (2.4)	<b>-0.33</b> (0.10)		<b>-16.6</b> (4.6)	-6.6 (3.9)	3.0 (3.2)															
	Uruguay	0.79 (0.09)		55.9 (3.8)	43.5 (3.8)	27.7 (3.2)	0.35 (0.07)	26.3 (3.1)	33.9 (3.4)	12.6 (2.3)	<b>-0.45</b> (0.12)		<b>-29.6</b> (4.9)	-9.6 (5.1)	<b>-15.2</b> (3.9)															

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of teacher shortage have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

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[Part 1/1]


## Change between 2003 and 2012 in the quality of physical infrastructure

Table IV.3.40 Results based on school principals' reports

	PISA 2003							PISA 2012							Change between 2003 and 2012 (PISA 2012 - PISA 2003)								
	Index of quality of physical infrastructure		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered to some extent or a lot by a shortage or inadequacy of the following:						Index of quality of physical infrastructure		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered to some extent or a lot by a shortage or inadequacy of the following:					Index of quality of physical infrastructure		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered to some extent or a lot by a shortage or inadequacy of the following:					
			School buildings and grounds		Heating/cooling and lighting systems		Instructional space (e.g. classrooms)				School buildings and grounds		Heating/cooling and lighting systems		Instructional space (e.g. classrooms)			School buildings and grounds		Heating/cooling and lighting systems		Instructional space (e.g. classrooms)	
	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	
<b>OECD</b>	-0.11 (0.06)		10.7 (2.0)		4.7 (1.1)		5.9 (1.4)		0.17 (0.04)		5.7 (1.0)		3.8 (0.6)		4.0 (0.8)		<b>0.28</b> (0.07)		<b>-5.0</b> (2.2)		-0.8 (1.3)		-1.9 (1.6)
Australia	-0.11 (0.06)		10.7 (2.0)		4.7 (1.1)		5.9 (1.4)		0.17 (0.04)		5.7 (1.0)		3.8 (0.6)		4.0 (0.8)		<b>0.28</b> (0.07)		<b>-5.0</b> (2.2)		-0.8 (1.3)		-1.9 (1.6)
Austria	-0.15 (0.10)		22.0 (3.7)		6.9 (2.1)		15.7 (3.0)		-0.16 (0.09)		10.2 (2.4)		6.3 (2.3)		17.7 (3.5)		0.00 (0.14)		<b>-11.8</b> (4.5)		-0.7 (3.1)		2.0 (4.7)
Belgium	-0.21 (0.07)		16.2 (2.6)		6.6 (1.7)		11.4 (2.0)		-0.15 (0.06)		12.5 (2.0)		4.1 (1.2)		7.5 (1.7)		0.06 (0.09)		-3.7 (3.3)		-2.4 (2.0)		-3.9 (2.7)
Canada	-0.10 (0.04)		7.2 (1.3)		4.6 (0.9)		6.4 (1.1)		0.32 (0.04)		3.2 (0.7)		2.6 (0.8)		3.2 (0.9)		<b>0.42</b> (0.06)		<b>-4.0</b> (1.4)		-2.0 (1.2)		<b>-3.3</b> (1.5)
Czech Republic	0.30 (0.06)		3.2 (1.3)		0.7 (0.5)		1.1 (0.7)		0.45 (0.06)		1.6 (0.9)		3.1 (1.3)		2.3 (1.2)		0.14 (0.08)		-1.6 (1.6)		2.4 (1.4)		1.2 (1.4)
Denmark	-0.48 (0.07)		13.0 (2.5)		6.9 (2.1)		16.2 (3.0)		-0.17 (0.05)		6.4 (1.6)		2.2 (0.9)		6.8 (1.5)		<b>0.31</b> (0.09)		<b>-6.6</b> (3.0)		<b>4.6</b> (2.3)		<b>-9.4</b> (3.4)
Finland	-0.55 (0.08)		14.3 (2.9)		13.9 (2.9)		9.2 (2.2)		-0.32 (0.07)		11.7 (2.3)		7.3 (1.7)		8.1 (2.0)		<b>0.24</b> (0.10)		-2.7 (3.7)		<b>-6.6</b> (3.4)		-1.1 (3.0)
France	w w		w w		w w		w w		0.19 (0.07)		6.1 (1.7)		3.1 (1.4)		2.7 (1.1)		m m		m m		m m		m m
Germany	-0.15 (0.09)		15.8 (2.6)		8.6 (1.8)		14.5 (2.6)		-0.03 (0.06)		7.9 (2.0)		3.7 (1.5)		10.6 (2.3)		0.12 (0.11)		<b>-7.9</b> (3.3)		<b>-4.9</b> (2.4)		-3.9 (3.5)
Greece	-0.74 (0.14)		33.3 (4.7)		19.8 (3.8)		30.8 (5.1)		-0.19 (0.08)		18.1 (3.6)		6.0 (1.8)		12.1 (2.6)		<b>0.56</b> (0.16)		<b>-15.2</b> (5.9)		<b>-13.8</b> (4.2)		<b>-18.6</b> (5.7)
Hungary	-0.49 (0.08)		17.2 (3.1)		10.2 (2.3)		27.6 (3.3)		0.21 (0.07)		3.0 (1.3)		2.6 (1.3)		4.2 (1.5)		<b>0.70</b> (0.11)		<b>-14.2</b> (3.3)		<b>-7.5</b> (2.7)		<b>-23.4</b> (3.6)
Iceland	0.05 (0.00)		10.3 (0.1)		2.1 (0.0)		10.5 (0.1)		0.34 (0.00)		7.5 (0.1)		0.0 c		2.2 (0.1)		<b>0.29</b> (0.01)		<b>-2.8</b> (0.1)		-2.1 c		<b>-8.3</b> (0.1)
Ireland	-0.59 (0.10)		36.0 (4.0)		12.3 (3.0)		27.2 (4.0)		-0.03 (0.09)		26.1 (3.8)		5.8 (2.1)		18.2 (3.4)		<b>0.56</b> (0.14)		-9.9 (5.6)		-6.5 (3.6)		-8.9 (5.2)
Italy	-0.33 (0.08)		19.7 (2.8)		8.3 (2.2)		18.1 (2.8)		-0.33 (0.04)		17.9 (1.6)		10.0 (1.1)		13.0 (1.4)		0.00 (0.09)		-1.8 (3.2)		1.8 (2.5)		-5.1 (3.2)
Japan	-0.39 (0.10)		16.7 (3.5)		13.8 (3.1)		14.1 (3.1)		-0.13 (0.07)		14.9 (2.4)		8.1 (1.8)		9.4 (2.3)		<b>0.26</b> (0.12)		-1.8 (4.2)		-5.7 (3.6)		-4.7 (3.9)
Korea	0.31 (0.07)		4.3 (1.7)		4.2 (1.7)		3.2 (0.9)		-0.18 (0.08)		10.1 (2.6)		4.3 (1.8)		14.7 (2.9)		<b>-0.49</b> (0.10)		5.8 (3.2)		0.1 (2.6)		<b>11.5</b> (3.1)
Luxembourg	-0.46 (0.00)		24.8 (0.1)		4.9 (0.0)		16.2 (0.1)		-0.49 (0.00)		25.7 (0.1)		2.1 (0.0)		19.1 (0.1)		<b>-0.03</b> (0.00)		<b>0.9</b> (0.1)		<b>-2.9</b> (0.1)		<b>2.9</b> (0.1)
Mexico	-0.40 (0.07)		17.1 (2.2)		17.8 (2.4)		15.0 (2.3)		-0.40 (0.04)		14.7 (1.5)		21.9 (1.3)		11.3 (1.3)		0.00 (0.08)		-2.4 (2.6)		4.1 (2.7)		-3.7 (2.6)
Netherlands	0.00 (0.10)		15.0 (3.3)		7.7 (2.1)		12.2 (2.8)		-0.29 (0.08)		10.1 (2.3)		12.5 (2.3)		13.3 (3.1)		<b>-0.28</b> (0.12)		-4.8 (4.0)		4.8 (3.1)		1.1 (4.2)
New Zealand	-0.04 (0.05)		6.5 (1.8)		1.8 (0.9)		6.3 (1.3)		0.03 (0.09)		10.4 (3.3)		1.2 (0.7)		9.8 (3.1)		0.07 (0.10)		4.0 (3.8)		-0.6 (1.1)		3.5 (3.3)
Norway	-0.83 (0.07)		22.8 (3.5)		20.7 (3.0)		15.3 (2.6)		-0.31 (0.08)		9.3 (2.1)		12.4 (2.5)		6.8 (2.1)		<b>0.52</b> (0.10)		<b>-13.5</b> (4.0)		<b>-8.3</b> (4.0)		<b>-8.5</b> (3.3)
Poland	0.00 (0.08)		15.0 (2.8)		2.6 (1.3)		7.2 (2.2)		0.50 (0.07)		4.2 (1.7)		2.2 (1.2)		2.8 (1.4)		<b>0.50</b> (0.10)		<b>-10.8</b> (3.3)		-0.4 (1.8)		-4.4 (2.6)
Portugal	-0.27 (0.08)		12.1 (3.2)		9.7 (2.3)		7.7 (2.6)		-0.26 (0.09)		7.8 (2.3)		12.3 (2.9)		5.8 (1.8)		0.00 (0.12)		-4.3 (3.9)		2.6 (3.7)		-1.9 (3.2)
Slovak Republic	-0.63 (0.05)		23.4 (3.0)		11.1 (2.4)		17.1 (2.3)		-0.13 (0.07)		12.9 (2.4)		8.4 (2.1)		4.3 (1.3)		<b>0.50</b> (0.09)		<b>-10.5</b> (3.8)		-2.7 (3.2)		<b>-12.7</b> (2.6)
Spain	-0.16 (0.07)		14.2 (2.7)		9.3 (2.5)		12.3 (2.1)		0.01 (0.05)		10.2 (1.8)		6.7 (1.5)		10.7 (1.0)		0.17 (0.09)		-3.9 (3.3)		-2.6 (2.9)		-1.5 (2.7)
Sweden	-0.27 (0.07)		16.1 (2.6)		3.6 (1.4)		9.5 (2.0)		0.21 (0.08)		6.8 (1.9)		4.5 (1.6)		4.6 (1.4)		<b>0.48</b> (0.11)		<b>-9.3</b> (3.3)		0.9 (2.1)		<b>-4.9</b> (2.5)
Switzerland	0.11 (0.06)		5.7 (1.6)		2.5 (1.2)		6.1 (1.7)		0.29 (0.05)		4.6 (1.4)		1.0 (0.4)		3.7 (1.2)		<b>0.19</b> (0.08)		-1.1 (2.1)		-1.5 (1.3)		-2.4 (2.1)
Turkey	-1.48 (0.10)		48.2 (4.9)		50.0 (5.1)		45.2 (5.1)		-0.25 (0.07)		22.8 (3.2)		7.5 (2.0)		17.4 (2.7)		<b>1.22</b> (0.12)		<b>-25.3</b> (5.8)		<b>-42.5</b> (5.5)		<b>-27.9</b> (5.7)
United States	0.01 (0.07)		6.8 (1.7)		2.7 (1.1)		7.9 (2.0)		0.46 (0.06)		2.4 (1.2)		0.0 c		5.1 (2.2)		<b>0.45</b> (0.09)		<b>-4.5</b> (2.1)		-2.7 c		-2.8 (2.9)
OECD average 2003	-0.29 (0.01)		16.7 (0.5)		9.6 (0.4)		13.9 (0.5)		0.03 (0.01)		10.7 (0.4)		5.8 (0.3)		8.9 (0.4)		<b>0.26</b> (0.02)		<b>-6.0</b> (0.7)		<b>-3.8</b> (0.6)		<b>-5.0</b> (0.6)
<b>Partners</b>																							
Brazil	-0.35 (0.10)		23.6 (3.5)		21.9 (3.2)		19.8 (3.3)		-0.35 (0.05)		17.8 (1.9)		26.8 (2.2)		9.5 (1.5)		0.00 (0.11)		-5.7 (4.0)		4.9 (3.9)		<b>-10.3</b> (3.6)
Hong Kong-China	-0.31 (0.07)		20.4 (3.5)		1.6 (1.1)		18.7 (3.4)		-0.02 (0.07)		13.5 (3.1)		0.5 (0.5)		10.3 (2.7)		<b>0.28</b> (0.10)		-6.9 (4.7)		-1.0 (1.2)		-8.4 (4.4)
Indonesia	-0.86 (0.08)		38.6 (4.3)		18.9 (3.0)		46.4 (4.1)		-0.52 (0.08)		10.3 (2.8)		40.5 (4.6)		5.2 (1.8)		<b>0.34</b> (0.12)		<b>-28.3</b> (5.1)		<b>21.6</b> (5.5)		<b>-41.2</b> (4.5)
Latvia	-0.24 (0.08)		6.9 (2.1)		9.3 (2.5)		7.7 (2.2)		0.38 (0.06)		3.5 (1.4)		2.4 (1.2)		1.6 (1.0)		<b>0.61</b> (0.10)		-3.4 (2.5)		<b>-7.0</b> (2.8)		<b>-6.1</b> (2.4)
Liechtenstein	0.27 (0.01)		1.2 (0.0)		0.0 c		0.0 c		0.11 (0.02)		0.0 c		0.0 c		0.0 c		<b>-0.16</b> (0.02)		-1.2 c		0.0 c		0.0 c
Macao-China	-0.57 (0.00)		32.5 (0.2)		3.9 (0.1)		21.0 (0.2)		-0.11 (0.00)		17.2 (0.1)		3.5 (0.0)		15.2 (0.0)		<b>0.46</b> (0.00)		<b>-15.2</b> (0.2)		<b>-0.4</b> (0.1)		<b>-5.8</b> (0.2)
Russian Federation	-0.40 (0.11)		15.3 (3.3)		19.3 (3.0)		10.8 (2.5)		-0.17 (0.07)		8.2 (1.9)		3.8 (1.3)		4.4 (1.6)		<b>0.56</b> (0.13)		-7.2 (3.8)		<b>-15.4</b> (3.2)		<b>-6.4</b> (3.0)
Thailand	-0.30 (0.08)		14.6 (2.4)		10.4 (2.3)		8.1 (1.9)		-0.87 (0.08)		31.4 (3.6)		16.7 (2.8)		31.4 (3.6)		<b>-0.58</b> (0.11)		<b>16.8</b> (4.3)		6.2 (3.7)		<b>23.3</b> (4.1)
Tunisia	-0.66 (0.07)		25.2 (3.8)		32.4 (3.9)		6.0 (2.0)		-1.25 (0.08)		33.1 (4.0)		63.7 (3.9)		20.4 (3.3)		<b>-0.59</b> (0.11)		7.9 (5.5)		<b>31.4</b> (5.5)		<b>14.3</b> (3.9)
Uruguay	-0.98 (0.07)		25.1 (4.0)		43.0 (3.8)		28.5 (3.7)		-0.41 (0.09)		18.4 (2.9)		20.8 (3.0)		19.8 (2.9)		<b>0.57</b> (0.12)		-6.6 (4.9)		<b>-22.2</b> (4.9)		-8.8 (4.7)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of quality of physical infrastructure have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).StatLink  <http://dx.doi.org/10.1787/888932957479>






[Part 1/3]

**Change between 2003 and 2012 in the quality of schools' educational resources**Table IV.3.43 *Results based on school principals' reports*

	PISA 2003											
	Index of quality of schools' educational resources		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered a lot by a shortage or inadequacy of the following:									
			Science laboratory equipment		Instructional materials (e.g. textbooks)		Computers for instruction		Computer software for instruction		Library materials	
Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>												
Australia	0.27	(0.07)	9.5	(1.7)	2.2	(0.9)	13.1	(1.8)	0.7	(0.5)	3.1	(0.9)
Austria	0.06	(0.08)	1.4	(0.9)	0.9	(0.7)	11.6	(2.7)	2.9	(1.4)	6.5	(2.1)
Belgium	-0.12	(0.06)	8.2	(1.9)	11.2	(2.2)	25.0	(3.0)	4.0	(1.3)	10.5	(2.1)
Canada	-0.34	(0.05)	8.0	(1.1)	2.5	(0.8)	14.6	(1.5)	4.5	(1.1)	10.8	(1.3)
Czech Republic	-0.41	(0.06)	19.8	(2.0)	0.6	(0.6)	5.0	(1.4)	3.8	(1.2)	22.9	(3.0)
Denmark	-0.32	(0.07)	0.9	(0.7)	1.4	(1.0)	5.0	(1.7)	2.7	(1.2)	4.0	(1.6)
Finland	-0.37	(0.06)	0.7	(0.7)	0.0	(0.0)	7.9	(2.0)	0.8	(0.7)	4.6	(1.7)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	-0.13	(0.08)	10.6	(2.4)	4.6	(1.4)	44.1	(3.9)	6.5	(1.6)	8.3	(1.9)
Greece	-0.78	(0.13)	11.0	(3.2)	21.5	(5.0)	10.7	(3.9)	23.3	(4.5)	21.2	(4.2)
Hungary	-0.24	(0.08)	1.0	(0.6)	0.0	c	9.4	(2.4)	1.5	(1.1)	28.5	(3.6)
Iceland	-0.03	(0.00)	2.2	(0.1)	0.6	(0.1)	7.5	(0.1)	3.4	(0.0)	1.9	(0.0)
Ireland	-0.36	(0.08)	1.3	(0.9)	2.6	(0.9)	50.5	(4.6)	0.8	(0.8)	21.7	(3.7)
Italy	-0.16	(0.07)	4.1	(1.5)	4.5	(1.3)	10.3	(2.2)	6.5	(1.9)	6.8	(2.1)
Japan	-0.25	(0.10)	8.2	(2.3)	5.5	(1.9)	0.0	c	8.9	(2.4)	9.6	(2.5)
Korea	0.38	(0.06)	3.8	(1.6)	2.0	(1.2)	2.4	(1.2)	0.6	(0.7)	0.6	(0.7)
Luxembourg	-0.04	(0.00)	13.1	(0.0)	10.9	(0.0)	15.3	(0.0)	0.0	c	4.3	(0.0)
Mexico	-0.69	(0.09)	8.6	(1.9)	9.3	(2.2)	20.8	(2.8)	11.3	(2.1)	15.4	(2.4)
Netherlands	0.15	(0.06)	5.6	(2.1)	8.0	(2.5)	27.1	(3.7)	1.0	(0.7)	2.8	(1.9)
New Zealand	0.00	(0.06)	6.2	(1.4)	7.8	(1.5)	8.2	(1.6)	2.7	(1.4)	5.7	(1.8)
Norway	-0.70	(0.05)	3.1	(1.3)	0.7	(0.7)	4.9	(1.7)	2.7	(1.3)	5.5	(1.6)
Poland	-1.02	(0.07)	19.0	(3.3)	5.3	(1.8)	8.5	(2.1)	18.4	(2.8)	16.5	(2.8)
Portugal	-0.35	(0.07)	1.2	(0.8)	5.2	(1.9)	5.4	(1.9)	1.1	(0.9)	3.8	(1.6)
Slovak Republic	-1.10	(0.05)	11.4	(1.9)	0.8	(0.6)	5.1	(1.5)	19.9	(2.7)	53.9	(3.3)
Spain	-0.41	(0.07)	5.6	(1.8)	6.4	(2.1)	16.8	(2.5)	6.3	(1.8)	7.5	(1.5)
Sweden	-0.31	(0.07)	8.9	(2.2)	3.9	(1.4)	8.2	(2.1)	4.9	(1.7)	3.9	(1.5)
Switzerland	0.20	(0.07)	3.1	(1.5)	3.9	(1.6)	7.0	(1.4)	2.6	(1.3)	2.3	(1.0)
Turkey	-1.91	(0.11)	41.7	(4.2)	51.1	(4.4)	22.2	(4.3)	51.4	(4.4)	42.1	(3.8)
United States	0.25	(0.09)	2.8	(1.0)	2.3	(1.2)	8.2	(1.5)	2.0	(0.9)	6.9	(2.1)
OECD average 2003	-0.31	(0.01)	7.9	(0.4)	6.3	(0.4)	13.4	(0.5)	7.0	(0.4)	11.8	(0.4)
<b>Partners</b>												
Brazil	-1.17	(0.10)	17.9	(3.3)	11.4	(2.4)	31.9	(3.5)	20.3	(2.7)	29.5	(3.1)
Hong Kong-China	0.03	(0.08)	2.2	(2.2)	1.4	(1.0)	3.4	(1.5)	0.8	(0.8)	1.5	(1.0)
Indonesia	-1.08	(0.09)	36.2	(3.8)	43.0	(4.0)	13.2	(2.3)	47.9	(3.9)	38.9	(3.7)
Latvia	-0.80	(0.07)	4.3	(1.7)	1.0	(1.0)	9.9	(2.7)	9.4	(2.3)	16.1	(2.8)
Liechtenstein	0.52	(0.01)	0.0	c	0.0	c	9.5	(0.1)	0.0	c	1.2	(0.0)
Macao-China	-0.46	(0.00)	2.4	(0.0)	13.0	(0.2)	3.2	(0.0)	0.3	(0.0)	0.0	c
Russian Federation	-1.58	(0.08)	16.3	(2.7)	10.3	(2.8)	24.3	(3.9)	27.6	(3.6)	27.0	(3.2)
Thailand	-0.82	(0.10)	11.7	(2.7)	3.0	(1.4)	16.4	(2.9)	15.8	(3.0)	13.5	(2.9)
Tunisia	-0.68	(0.07)	6.8	(2.1)	6.3	(1.9)	24.5	(3.0)	5.1	(1.8)	3.1	(1.4)
Uruguay	-1.21	(0.09)	18.5	(3.4)	14.3	(3.2)	29.7	(4.5)	31.8	(3.8)	46.2	(4.0)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. For comparability over time, PISA 2003 values on the *index of quality of schools' educational resources* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). StatLink  <http://dx.doi.org/10.1787/888932957479>

[Part 2/3]


**Change between 2003 and 2012 in the quality of schools' educational resources**  
Results based on school principals' reports

Table IV.3.43

	PISA 2012											
	Index of quality of schools' educational resources		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered a lot by a shortage or inadequacy of the following:									
			Science laboratory equipment		Instructional materials (e.g. textbooks)		Computers for instruction		Computer software for instruction		Library materials	
Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>												
Australia	0.68	(0.03)	1.7	(0.5)	0.9	(0.4)	0.7	(0.3)	0.8	(0.3)	0.8	(0.4)
Austria	0.22	(0.09)	18.5	(3.3)	1.7	(1.0)	10.2	(2.5)	2.9	(1.3)	2.4	(1.1)
Belgium	0.30	(0.06)	3.2	(1.1)	0.7	(0.5)	6.1	(1.6)	2.9	(1.1)	4.6	(1.2)
Canada	0.27	(0.04)	2.1	(0.9)	1.0	(0.6)	5.8	(1.4)	2.7	(0.8)	1.6	(0.6)
Czech Republic	0.05	(0.06)	7.4	(2.0)	1.6	(0.8)	2.5	(1.2)	1.7	(0.9)	6.3	(1.9)
Denmark	-0.15	(0.05)	2.5	(1.3)	1.8	(1.5)	10.8	(2.2)	1.2	(0.8)	1.0	(0.7)
Finland	-0.20	(0.06)	1.5	(0.3)	3.6	(1.4)	11.4	(2.3)	6.2	(1.5)	5.4	(1.4)
France	0.38	(0.07)	2.6	(1.1)	0.8	(0.6)	3.7	(1.2)	2.8	(1.1)	2.4	(0.9)
Germany	0.09	(0.07)	5.8	(1.8)	0.0	c	4.3	(1.4)	2.0	(0.8)	2.4	(1.1)
Greece	-0.35	(0.07)	13.0	(2.7)	11.7	(2.6)	17.8	(3.2)	10.4	(2.5)	20.1	(3.3)
Hungary	0.17	(0.06)	11.8	(2.7)	2.8	(1.3)	3.2	(1.3)	3.5	(1.5)	2.8	(1.6)
Iceland	-0.34	(0.00)	14.4	(0.2)	0.0	c	20.0	(0.1)	5.4	(0.1)	3.0	(0.1)
Ireland	0.11	(0.08)	9.4	(2.4)	1.3	(0.9)	8.8	(2.4)	4.8	(1.9)	13.7	(2.9)
Italy	0.05	(0.04)	8.5	(1.1)	1.2	(0.4)	3.5	(0.7)	5.0	(0.9)	5.5	(0.9)
Japan	0.44	(0.08)	5.1	(1.7)	0.5	(0.5)	5.6	(1.9)	7.7	(2.0)	2.3	(1.0)
Korea	0.06	(0.08)	6.5	(2.2)	0.6	(0.6)	3.1	(1.4)	2.9	(1.5)	7.6	(2.4)
Luxembourg	0.04	(0.00)	5.6	(0.1)	0.0	c	6.1	(0.0)	3.2	(0.0)	5.2	(0.1)
Mexico	-0.86	(0.04)	31.0	(1.7)	11.1	(1.2)	30.9	(1.9)	26.5	(1.6)	14.5	(1.0)
Netherlands	0.19	(0.08)	4.6	(1.8)	0.0	c	12.4	(2.6)	7.1	(2.0)	1.3	(1.0)
New Zealand	0.20	(0.08)	1.2	(0.7)	0.8	(0.1)	6.4	(2.1)	0.4	(0.4)	0.1	(0.1)
Norway	-0.19	(0.06)	7.8	(1.9)	1.1	(0.8)	5.0	(1.6)	1.8	(1.1)	10.9	(2.3)
Poland	0.36	(0.08)	4.1	(1.6)	0.0	c	6.3	(1.7)	4.8	(1.5)	2.5	(1.3)
Portugal	0.17	(0.08)	4.5	(1.5)	0.8	(0.8)	8.7	(2.2)	4.6	(1.8)	2.2	(1.2)
Slovak Republic	-0.54	(0.05)	15.4	(2.5)	18.4	(2.7)	3.3	(1.1)	5.8	(1.8)	5.2	(1.6)
Spain	0.02	(0.05)	5.4	(1.3)	0.4	(0.2)	9.9	(1.4)	4.2	(1.0)	2.5	(0.7)
Sweden	0.05	(0.06)	2.7	(1.2)	0.0	c	15.9	(2.7)	5.2	(1.7)	4.0	(1.2)
Switzerland	0.55	(0.07)	1.6	(0.5)	1.2	(0.7)	4.8	(1.6)	1.5	(0.7)	2.4	(1.0)
Turkey	-0.40	(0.06)	22.1	(3.1)	8.3	(2.2)	15.0	(2.6)	9.8	(2.4)	9.8	(2.2)
United States	0.38	(0.08)	4.2	(1.7)	3.3	(1.5)	5.5	(1.9)	2.2	(1.2)	1.1	(0.6)
OECD average 2003	0.05	(0.01)	7.9	(0.3)	2.7	(0.3)	8.7	(0.4)	4.9	(0.3)	5.0	(0.3)
<b>Partners</b>												
Brazil	-0.54	(0.05)	41.2	(1.9)	2.9	(0.7)	21.6	(2.2)	25.6	(2.3)	12.5	(1.6)
Hong Kong-China	0.44	(0.07)	1.0	(0.8)	0.9	(0.7)	2.4	(1.2)	1.9	(1.1)	1.3	(0.9)
Indonesia	-0.76	(0.10)	28.8	(3.7)	9.6	(2.2)	23.1	(3.5)	21.0	(3.6)	13.8	(3.1)
Latvia	0.04	(0.05)	7.4	(1.9)	4.1	(1.6)	7.5	(2.0)	3.0	(1.3)	4.8	(1.7)
Liechtenstein	0.77	(0.01)	0.0	c	0.0	c	0.0	c	0.0	c	0.0	c
Macao-China	0.36	(0.00)	0.0	c	2.4	(0.0)	0.1	(0.0)	0.3	(0.0)	4.0	(0.0)
Russian Federation	-0.48	(0.07)	17.1	(2.5)	3.4	(1.1)	12.8	(2.7)	12.0	(1.7)	5.0	(1.2)
Thailand	-0.68	(0.07)	26.2	(3.4)	2.7	(1.2)	14.3	(2.5)	15.1	(2.6)	19.9	(2.5)
Tunisia	-1.34	(0.08)	30.8	(3.7)	17.3	(3.1)	37.0	(4.6)	25.3	(3.9)	47.9	(3.6)
Uruguay	0.12	(0.08)	8.2	(2.2)	6.9	(1.9)	12.3	(2.3)	13.1	(2.6)	6.7	(1.9)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.


For comparability over time, PISA 2003 values on the *index of quality of schools' educational resources* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).StatLink  <http://dx.doi.org/10.1787/888932957479>



[Part 3/3]

**Change between 2003 and 2012 in the quality of schools' educational resources**Table IV.3.43 *Results based on school principals' reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Index of quality of schools' educational resources		Percentage of students in schools whose principal reported that the school's capacity to provide instruction is hindered a lot by a shortage or inadequacy of the following:									
				Science laboratory equipment		Instructional materials (e.g. textbooks)		Computers for instruction		Computer software for instruction		Library materials	
		Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	Australia	0.41	(0.08)	<b>-7.8</b>	(1.8)	-1.3	(1.0)	<b>-12.4</b>	(1.8)	0.1	(0.6)	<b>-2.3</b>	(0.9)
	Austria	0.16	(0.12)	<b>17.1</b>	(3.4)	0.8	(1.2)	-1.4	(3.6)	0.0	(1.9)	-4.1	(2.3)
	Belgium	0.42	(0.09)	<b>-5.0</b>	(2.3)	<b>-10.6</b>	(2.2)	<b>-18.9</b>	(3.4)	-1.1	(1.7)	<b>-5.9</b>	(2.4)
	Canada	0.61	(0.06)	<b>-5.8</b>	(1.4)	-1.5	(1.0)	<b>-8.8</b>	(2.0)	-1.9	(1.3)	<b>-9.2</b>	(1.4)
	Czech Republic	0.46	(0.09)	<b>-12.4</b>	(2.8)	1.0	(1.0)	-2.6	(1.8)	-2.1	(1.5)	<b>-16.6</b>	(3.5)
	Denmark	0.18	(0.09)	1.6	(1.4)	0.4	(1.8)	<b>5.8</b>	(2.8)	-1.5	(1.4)	-3.0	(1.8)
	Finland	0.17	(0.08)	0.8	(0.7)	<b>3.6</b>	(1.4)	3.5	(3.0)	<b>5.5</b>	(1.6)	0.8	(2.2)
	France	m	m	m	m	m	m	m	m	m	m	m	m
	Germany	0.22	(0.10)	-4.9	(3.0)	-4.6	c	<b>-39.9</b>	(4.1)	<b>-4.5</b>	(1.8)	<b>-5.8</b>	(2.2)
	Greece	0.43	(0.15)	1.9	(4.1)	-9.8	(5.6)	7.1	(5.1)	<b>-13.0</b>	(5.1)	-1.1	(5.4)
	Hungary	0.41	(0.10)	<b>10.8</b>	(2.7)	2.8	c	<b>-6.2</b>	(2.7)	2.0	(1.8)	<b>-25.7</b>	(4.0)
	Iceland	-0.31	(0.01)	<b>12.2</b>	(0.2)	-0.6	c	<b>12.4</b>	(0.2)	<b>2.0</b>	(0.1)	<b>1.2</b>	(0.1)
	Ireland	0.47	(0.11)	<b>8.1</b>	(2.6)	-1.3	(1.3)	<b>-41.7</b>	(5.2)	4.0	(2.0)	-8.0	(4.7)
	Italy	0.20	(0.08)	<b>4.4</b>	(1.9)	<b>-3.3</b>	(1.4)	<b>-6.8</b>	(2.3)	-1.5	(2.1)	-1.2	(2.3)
	Japan	0.69	(0.13)	-3.1	(2.9)	<b>-5.0</b>	(2.0)	5.6	c	-1.2	(3.1)	<b>-7.2</b>	(2.7)
	Korea	-0.32	(0.10)	2.8	(2.7)	-1.4	(1.3)	0.7	(1.9)	2.2	(1.6)	<b>7.0</b>	(2.5)
	Luxembourg	0.07	(0.00)	<b>-7.6</b>	(0.1)	-10.9	c	<b>-9.2</b>	(0.1)	3.2	c	<b>0.9</b>	(0.1)
	Mexico	-0.16	(0.10)	<b>22.3</b>	(2.6)	1.8	(2.5)	<b>10.1</b>	(3.4)	<b>15.2</b>	(2.6)	-0.9	(2.6)
	Netherlands	0.04	(0.10)	-1.0	(2.8)	-8.0	c	<b>-14.8</b>	(4.5)	<b>6.1</b>	(2.1)	-1.5	(2.1)
	New Zealand	0.20	(0.10)	<b>-5.0</b>	(1.6)	<b>-6.9</b>	(1.5)	-1.8	(2.7)	-2.4	(1.5)	<b>-5.6</b>	(1.8)
	Norway	0.51	(0.08)	<b>4.7</b>	(2.3)	0.4	(1.0)	0.2	(2.3)	-0.8	(1.7)	5.4	(2.8)
	Poland	1.38	(0.10)	<b>-14.9</b>	(3.7)	-5.3	c	-2.2	(2.7)	<b>-13.6</b>	(3.2)	<b>-14.1</b>	(3.1)
	Portugal	0.52	(0.11)	3.3	(1.7)	<b>-4.3</b>	(2.0)	3.2	(2.9)	3.5	(2.0)	-1.6	(2.0)
	Slovak Republic	0.55	(0.07)	4.0	(3.2)	<b>17.6</b>	(2.8)	-1.7	(1.9)	<b>-14.0</b>	(3.2)	<b>-48.7</b>	(3.7)
	Spain	0.43	(0.09)	-0.2	(2.2)	<b>-6.0</b>	(2.1)	<b>-6.9</b>	(2.8)	-2.1	(2.1)	<b>-5.0</b>	(1.7)
	Sweden	0.36	(0.09)	<b>-6.2</b>	(2.5)	-3.9	c	<b>7.7</b>	(3.5)	0.3	(2.4)	0.2	(1.9)
Switzerland	0.35	(0.10)	-1.5	(1.6)	-2.7	(1.7)	-2.3	(2.1)	-1.1	(1.4)	0.0	(1.4)	
Turkey	1.51	(0.13)	<b>-19.5</b>	(5.2)	<b>-42.7</b>	(4.9)	-7.3	(5.1)	<b>-41.7</b>	(5.0)	<b>-32.2</b>	(4.4)	
United States	0.13	(0.12)	1.4	(2.0)	1.0	(1.9)	-2.7	(2.4)	0.2	(1.5)	<b>-5.8</b>	(2.1)	
OECD average 2003	0.36	(0.02)	0.0	(0.5)	<b>-3.6</b>	(0.5)	<b>-4.7</b>	(0.6)	<b>-2.1</b>	(0.5)	<b>-6.8</b>	(0.5)	
Partners	Brazil	0.63	(0.11)	<b>23.2</b>	(3.8)	<b>-8.5</b>	(2.5)	<b>-10.2</b>	(4.1)	5.3	(3.5)	<b>-17.0</b>	(3.5)
	Hong Kong-China	0.41	(0.10)	-1.2	(2.3)	-0.4	(1.2)	-1.0	(1.9)	1.1	(1.4)	-0.2	(1.3)
	Indonesia	0.33	(0.14)	-7.5	(5.3)	<b>-33.3</b>	(4.6)	<b>10.0</b>	(4.1)	<b>-27.0</b>	(5.3)	<b>-25.1</b>	(4.9)
	Latvia	0.83	(0.08)	3.1	(2.6)	3.0	(1.9)	-2.3	(3.4)	<b>-6.4</b>	(2.6)	<b>-11.3</b>	(3.3)
	Liechtenstein	0.24	(0.01)	0.0	c	0.0	c	-9.5	c	0.0	c	-1.2	c
	Macao-China	0.82	(0.00)	-2.4	c	<b>-10.6</b>	(0.2)	<b>-3.1</b>	(0.0)	0.0	(0.0)	4.0	c
	Russian Federation	1.10	(0.11)	0.8	(3.7)	<b>-6.9</b>	(3.0)	<b>-11.5</b>	(4.7)	<b>-15.6</b>	(4.0)	<b>-21.9</b>	(3.4)
	Thailand	0.14	(0.12)	<b>14.5</b>	(4.3)	-0.3	(1.8)	-2.1	(3.8)	-0.7	(3.9)	6.4	(3.8)
	Tunisia	-0.66	(0.11)	<b>24.0</b>	(4.3)	<b>11.0</b>	(3.6)	<b>12.5</b>	(5.5)	<b>20.1</b>	(4.3)	<b>44.7</b>	(3.9)
	Uruguay	1.33	(0.12)	<b>-10.3</b>	(4.0)	<b>-7.4</b>	(3.7)	<b>-17.4</b>	(5.0)	<b>-18.7</b>	(4.6)	<b>-39.6</b>	(4.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. For comparability over time, PISA 2003 values on the *index of quality of schools' educational resources* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). StatLink  <http://dx.doi.org/10.1787/888932957479>


[Part 1/1]

**Change between 2003 and 2012 in students' learning time in school**Table IV.3.46 *Results based on students' self-reports*

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)			
	Number of mathematics class periods in a normal full week of school (class periods)		Time spent per week in regular school lessons in mathematics (minutes)		Number of mathematics class periods in a normal full week of school (class periods)		Time spent per week in regular school lessons in mathematics (minutes)		Number of mathematics class periods in a normal full week of school (class periods)		Time spent per week in regular school lessons in mathematics (minutes)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
<b>OECD</b>												
Australia	4.5	(0.1)	230.3	(1.7)	4.3	(0.0)	236.3	(0.9)	<b>-0.2</b>	(0.1)	<b>6.0</b>	(1.9)
Austria	3.4	(0.1)	166.4	(4.0)	3.1	(0.0)	156.4	(2.4)	<b>-0.2</b>	(0.1)	<b>-9.9</b>	(4.7)
Belgium	3.9	(0.0)	196.4	(2.0)	4.0	(0.0)	216.9	(1.4)	<b>0.1</b>	(0.0)	<b>20.5</b>	(2.5)
Canada	3.2	(0.0)	222.8	(2.0)	4.3	(0.0)	313.8	(2.8)	<b>1.1</b>	(0.0)	<b>91.0</b>	(3.5)
Czech Republic	3.7	(0.1)	168.8	(2.3)	4.0	(0.0)	182.3	(1.9)	<b>0.3</b>	(0.1)	<b>13.5</b>	(3.0)
Denmark	4.3	(0.0)	206.4	(2.4)	4.4	(0.0)	224.4	(3.0)	0.1	(0.1)	<b>18.1</b>	(3.8)
Finland	3.5	(0.1)	156.1	(2.6)	3.7	(0.0)	175.5	(1.5)	<b>0.2</b>	(0.1)	<b>19.3</b>	(3.0)
France	3.8	(0.0)	208.1	(1.7)	3.5	(0.0)	207.0	(2.2)	<b>-0.3</b>	(0.0)	-1.0	(2.8)
Germany	4.0	(0.0)	182.3	(1.9)	4.0	(0.0)	196.8	(2.6)	-0.1	(0.1)	<b>14.5</b>	(3.2)
Greece	4.1	(0.0)	186.7	(2.0)	4.7	(0.0)	209.0	(0.7)	<b>0.6</b>	(0.0)	<b>22.3</b>	(2.2)
Hungary	3.6	(0.0)	162.9	(2.0)	3.4	(0.0)	149.9	(1.7)	<b>-0.3</b>	(0.1)	<b>-13.0</b>	(2.6)
Iceland	5.8	(0.0)	254.2	(1.0)	5.5	(0.0)	243.9	(1.9)	<b>-0.4</b>	(0.0)	<b>-10.4</b>	(2.2)
Ireland	4.8	(0.0)	190.3	(1.6)	4.8	(0.0)	188.8	(1.2)	0.0	(0.0)	-1.6	(2.0)
Italy	4.0	(0.1)	213.3	(3.1)	4.1	(0.0)	232.0	(1.7)	0.1	(0.1)	<b>18.7</b>	(3.6)
Japan	4.3	(0.1)	216.3	(4.3)	4.6	(0.1)	234.7	(3.0)	<b>0.4</b>	(0.1)	<b>18.4</b>	(5.3)
Korea	4.9	(0.1)	245.8	(3.6)	4.3	(0.1)	213.3	(3.2)	<b>-0.6</b>	(0.1)	<b>-32.5</b>	(4.8)
Luxembourg	4.0	(0.0)	200.3	(1.5)	4.0	(0.0)	204.7	(0.8)	0.0	(0.0)	<b>4.4</b>	(1.7)
Mexico	4.8	(0.1)	235.4	(4.9)	4.4	(0.0)	253.2	(1.7)	<b>-0.4</b>	(0.1)	<b>17.8</b>	(5.2)
Netherlands	3.1	(0.1)	149.3	(2.5)	3.2	(0.0)	170.7	(2.9)	0.1	(0.1)	<b>21.4</b>	(3.8)
New Zealand	4.3	(0.0)	239.6	(1.7)	4.3	(0.0)	240.8	(2.0)	0.0	(0.1)	1.3	(2.7)
Norway	3.7	(0.1)	165.6	(4.3)	3.9	(0.0)	199.0	(2.4)	0.2	(0.1)	<b>33.4</b>	(4.9)
Poland	4.6	(0.0)	205.5	(1.6)	4.4	(0.0)	198.1	(1.7)	<b>-0.2</b>	(0.1)	<b>-7.4</b>	(2.3)
Portugal	3.6	(0.1)	195.0	(3.2)	3.6	(0.1)	288.0	(4.9)	0.1	(0.1)	<b>93.0</b>	(5.9)
Slovak Republic	4.4	(0.1)	198.4	(3.0)	4.0	(0.1)	180.8	(2.7)	<b>-0.4</b>	(0.1)	<b>-17.6</b>	(4.0)
Spain	3.3	(0.0)	176.0	(1.4)	3.8	(0.0)	210.3	(0.9)	<b>0.6</b>	(0.0)	<b>34.4</b>	(1.7)
Sweden	3.2	(0.1)	165.0	(2.4)	3.1	(0.0)	182.2	(2.2)	-0.1	(0.1)	<b>17.2</b>	(3.2)
Switzerland	4.4	(0.1)	198.6	(5.2)	4.4	(0.1)	207.0	(2.6)	0.0	(0.1)	8.4	(5.8)
Turkey	4.8	(0.1)	200.0	(3.2)	3.9	(0.1)	171.9	(2.2)	<b>-0.8</b>	(0.1)	<b>-28.2</b>	(3.8)
United States	3.7	(0.1)	221.0	(3.3)	4.0	(0.1)	254.1	(4.9)	<b>0.4</b>	(0.1)	<b>33.1</b>	(6.0)
OECD average 2003	4.1	(0.0)	198.5	(0.5)	4.1	(0.0)	211.8	(0.5)	0.0	(0.0)	<b>13.3</b>	(0.7)
<b>Partners</b>												
Brazil	4.3	(0.1)	210.6	(4.2)	4.1	(0.0)	214.7	(1.7)	<b>-0.2</b>	(0.1)	4.1	(4.6)
Hong Kong-China	7.5	(0.1)	269.7	(3.6)	6.5	(0.1)	267.6	(2.6)	<b>-1.0</b>	(0.1)	-2.1	(4.4)
Indonesia	4.9	(0.1)	232.5	(4.5)	3.8	(0.1)	209.4	(4.5)	<b>-1.1</b>	(0.1)	<b>-23.2</b>	(6.4)
Latvia	5.3	(0.1)	214.1	(3.0)	5.5	(0.0)	224.4	(1.5)	<b>0.2</b>	(0.1)	<b>10.3</b>	(3.4)
Liechtenstein	4.8	(0.0)	215.7	(1.8)	4.6	(0.1)	210.7	(4.5)	<b>-0.2</b>	(0.1)	-5.0	(4.8)
Macao-China	6.7	(0.1)	271.8	(2.7)	6.7	(0.0)	275.0	(0.9)	0.0	(0.1)	3.3	(2.9)
Russian Federation	4.8	(0.1)	207.3	(4.0)	5.0	(0.1)	222.5	(2.5)	<b>0.2</b>	(0.1)	<b>15.2</b>	(4.7)
Thailand	4.3	(0.1)	223.7	(2.7)	3.9	(0.1)	205.9	(3.1)	<b>-0.4</b>	(0.1)	<b>-17.8</b>	(4.1)
Tunisia	4.2	(0.0)	249.5	(1.4)	3.9	(0.0)	275.9	(4.0)	<b>-0.2</b>	(0.0)	<b>26.4</b>	(4.2)
Uruguay	4.3	(0.1)	182.9	(3.5)	3.6	(0.0)	155.8	(1.9)	<b>-0.8</b>	(0.1)	<b>-27.1</b>	(4.0)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.


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[Part 1/1]

**Change between 2003 and 2012 in hours of after-school study time per week**Table IV.3.48 *Results based on students' self-reports*


	PISA 2003		PISA 2012		Change between 2003 and 2012 (PISA 2012 - PISA 2003)	
	Homework or other study set by teachers per week (hours)		Homework or other study set by teachers per week (hours)		Homework or other study set by teachers per week (hours)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.
<b>OECD</b>						
Australia	5.7	(0.1)	6.0	(0.1)	<b>0.3</b>	(0.1)
Austria	4.0	(0.1)	4.5	(0.1)	<b>0.6</b>	(0.1)
Belgium	6.2	(0.1)	5.5	(0.1)	<b>-0.7</b>	(0.2)
Canada	5.6	(0.1)	5.5	(0.1)	-0.2	(0.1)
Czech Republic	3.8	(0.1)	3.1	(0.1)	<b>-0.7</b>	(0.1)
Denmark	5.4	(0.1)	4.3	(0.1)	<b>-1.1</b>	(0.1)
Finland	3.7	(0.1)	2.8	(0.1)	<b>-0.9</b>	(0.1)
France	6.8	(0.1)	5.1	(0.1)	<b>-1.7</b>	(0.1)
Germany	6.3	(0.1)	4.7	(0.1)	<b>-1.6</b>	(0.1)
Greece	8.3	(0.2)	5.3	(0.1)	<b>-3.0</b>	(0.2)
Hungary	10.0	(0.2)	6.2	(0.1)	<b>-3.7</b>	(0.2)
Iceland	4.6	(0.1)	4.1	(0.1)	<b>-0.5</b>	(0.1)
Ireland	7.7	(0.2)	7.3	(0.1)	<b>-0.4</b>	(0.2)
Italy	10.5	(0.2)	8.7	(0.1)	<b>-1.8</b>	(0.2)
Japan	3.8	(0.2)	3.8	(0.1)	0.0	(0.3)
Korea	3.5	(0.1)	2.9	(0.1)	<b>-0.6</b>	(0.2)
Luxembourg	6.1	(0.1)	4.6	(0.1)	<b>-1.5</b>	(0.1)
Mexico	5.8	(0.1)	5.2	(0.1)	<b>-0.6</b>	(0.2)
Netherlands	5.7	(0.1)	5.8	(0.1)	0.1	(0.2)
New Zealand	4.5	(0.1)	4.2	(0.1)	<b>-0.3</b>	(0.1)
Norway	4.8	(0.1)	4.7	(0.1)	-0.1	(0.1)
Poland	8.1	(0.2)	6.6	(0.1)	<b>-1.5</b>	(0.2)
Portugal	4.9	(0.1)	3.8	(0.1)	<b>-1.1</b>	(0.2)
Slovak Republic	8.4	(0.2)	3.2	(0.1)	<b>-5.2</b>	(0.2)
Spain	7.4	(0.1)	6.5	(0.1)	<b>-0.9</b>	(0.2)
Sweden	3.9	(0.1)	3.6	(0.1)	<b>-0.3</b>	(0.1)
Switzerland	4.6	(0.1)	4.0	(0.1)	<b>-0.6</b>	(0.1)
Turkey	5.9	(0.2)	4.2	(0.1)	<b>-1.6</b>	(0.2)
United States	5.7	(0.1)	6.1	(0.2)	0.4	(0.3)
OECD average 2003	5.9	(0.0)	4.9	(0.0)	<b>-1.0</b>	(0.0)
<b>Partners</b>						
Brazil	4.9	(0.1)	3.3	(0.1)	<b>-1.5</b>	(0.1)
Hong Kong-China	6.8	(0.2)	6.0	(0.2)	<b>-0.7</b>	(0.2)
Indonesia	c	c	4.9	(0.2)	c	c
Latvia	9.4	(0.2)	6.2	(0.1)	<b>-3.2</b>	(0.2)
Liechtenstein	4.4	(0.2)	3.3	(0.2)	<b>-1.1</b>	(0.3)
Macao-China	7.8	(0.2)	5.9	(0.1)	<b>-1.9</b>	(0.2)
Russian Federation	12.7	(0.3)	9.7	(0.2)	<b>-3.0</b>	(0.3)
Thailand	6.9	(0.2)	5.6	(0.1)	<b>-1.3</b>	(0.2)
Tunisia	4.9	(0.2)	3.5	(0.1)	<b>-1.4</b>	(0.2)
Uruguay	6.8	(0.1)	4.7	(0.1)	<b>-2.1</b>	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 1/1]  
**Change between 2003 and 2012 in pre-school attendance**  
*Results based on students' self-reports*

Table IV.3.50

	PISA 2003						PISA 2012						Change between 2003 and 2012 (PISA 2012 - PISA 2003)					
	Percentage of students reporting that they had attended pre-primary education (ISCED 0)						Percentage of students reporting that they had attended pre-primary education (ISCED 0)						Percentage of students reporting that they had attended pre-primary education (ISCED 0)					
	No attendance		For one year or less		For more than one year		No attendance		For one year or less		For more than one year		No attendance		For one year or less		For more than one year	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
<b>OECD</b>																		
Australia	7.4	(0.4)	46.8	(0.6)	45.8	(0.7)	4.6	(0.2)	43.7	(0.6)	51.7	(0.6)	<b>-2.8</b>	(0.5)	<b>-3.1</b>	(0.8)	<b>6.0</b>	(0.9)
Austria	4.3	(0.5)	15.5	(0.9)	80.2	(1.2)	1.8	(0.3)	10.5	(0.6)	87.7	(0.7)	<b>-2.5</b>	(0.5)	<b>-5.0</b>	(1.1)	<b>7.6</b>	(1.4)
Belgium	2.4	(0.2)	3.8	(0.3)	93.8	(0.3)	2.4	(0.2)	4.6	(0.3)	93.0	(0.4)	0.0	(0.3)	<b>0.8</b>	(0.4)	<b>-0.8</b>	(0.5)
Canada	9.0	(0.4)	45.3	(0.6)	45.7	(0.7)	9.1	(0.3)	40.4	(0.7)	50.5	(0.6)	0.1	(0.5)	<b>-4.9</b>	(0.9)	<b>4.8</b>	(0.9)
Czech Republic	7.3	(0.4)	13.9	(0.6)	78.8	(0.7)	3.2	(0.5)	8.8	(0.6)	88.0	(0.8)	<b>-4.1</b>	(0.6)	<b>-5.1</b>	(0.8)	<b>9.2</b>	(1.1)
Denmark	2.3	(0.3)	32.0	(1.0)	65.7	(1.0)	1.1	(0.1)	20.1	(0.6)	78.9	(0.6)	<b>-1.3</b>	(0.3)	<b>-11.9</b>	(1.1)	<b>13.2</b>	(1.2)
Finland	7.9	(0.5)	25.3	(0.8)	66.8	(0.9)	2.5	(0.2)	34.8	(1.0)	62.7	(1.0)	<b>-5.4</b>	(0.6)	<b>9.5</b>	(1.3)	<b>-4.1</b>	(1.4)
France	1.6	(0.3)	4.5	(0.4)	93.9	(0.5)	1.8	(0.3)	6.4	(0.3)	91.8	(0.4)	0.2	(0.4)	<b>1.9</b>	(0.5)	<b>-2.1</b>	(0.6)
Germany	4.4	(0.3)	13.0	(0.5)	82.6	(0.6)	3.3	(0.3)	11.5	(0.6)	85.2	(0.7)	<b>-1.1</b>	(0.4)	-1.5	(0.8)	<b>2.6</b>	(0.9)
Greece	5.4	(0.5)	32.7	(1.3)	62.0	(1.4)	4.6	(0.5)	27.4	(0.9)	68.0	(1.0)	-0.8	(0.7)	<b>-5.3</b>	(1.6)	<b>6.1</b>	(1.7)
Hungary	1.0	(0.2)	4.7	(0.3)	94.2	(0.4)	0.5	(0.1)	4.0	(0.4)	95.5	(0.4)	<b>-0.5</b>	(0.2)	-0.7	(0.5)	<b>1.3</b>	(0.6)
Iceland	6.6	(0.4)	4.5	(0.3)	88.9	(0.5)	2.1	(0.2)	3.2	(0.3)	94.7	(0.4)	<b>-4.6</b>	(0.5)	<b>-1.3</b>	(0.4)	<b>5.8</b>	(0.6)
Ireland	27.7	(1.3)	39.8	(1.1)	32.5	(1.3)	13.6	(0.7)	43.6	(0.9)	42.8	(0.9)	<b>-14.1</b>	(1.5)	<b>3.8</b>	(1.4)	<b>10.3</b>	(1.5)
Italy	4.8	(0.4)	8.4	(0.5)	86.7	(0.7)	4.3	(0.2)	8.0	(0.2)	87.7	(0.3)	-0.5	(0.4)	-0.4	(0.6)	1.0	(0.7)
Japan	1.3	(0.2)	1.7	(0.2)	97.0	(0.3)	0.9	(0.1)	2.2	(0.2)	96.9	(0.2)	-0.4	(0.2)	0.6	(0.3)	-0.2	(0.4)
Korea	3.8	(0.3)	9.7	(0.5)	86.5	(0.6)	4.5	(0.4)	12.6	(0.7)	82.9	(0.9)	0.7	(0.5)	<b>3.0</b>	(0.8)	<b>-3.7</b>	(1.1)
Luxembourg	11.9	(0.5)	8.7	(0.4)	79.3	(0.7)	4.6	(0.3)	12.8	(0.4)	82.6	(0.5)	<b>-7.3</b>	(0.6)	<b>4.1</b>	(0.6)	<b>3.3</b>	(0.9)
Mexico	13.5	(0.9)	20.6	(0.9)	65.8	(1.2)	9.5	(0.3)	18.7	(0.3)	71.8	(0.5)	<b>-4.1</b>	(0.9)	<b>-1.9</b>	(0.9)	<b>6.0</b>	(1.3)
Netherlands	2.9	(0.3)	3.1	(0.3)	93.9	(0.4)	2.3	(0.3)	2.7	(0.3)	95.0	(0.3)	-0.6	(0.4)	-0.4	(0.4)	1.1	(0.5)
New Zealand	8.3	(0.4)	20.0	(0.7)	71.7	(0.8)	9.3	(0.6)	19.5	(0.7)	71.2	(0.8)	1.1	(0.7)	-0.6	(1.0)	-0.5	(1.1)
Norway	7.6	(0.6)	14.0	(0.8)	78.3	(1.0)	7.9	(0.4)	5.8	(0.4)	86.3	(0.6)	0.3	(0.7)	<b>-8.3</b>	(0.9)	<b>8.0</b>	(1.2)
Poland	3.9	(0.3)	51.7	(1.2)	44.4	(1.2)	2.5	(0.3)	46.4	(1.5)	51.1	(1.5)	<b>-1.4</b>	(0.4)	<b>-5.3</b>	(1.9)	<b>6.7</b>	(2.0)
Portugal	27.7	(1.3)	17.4	(0.8)	54.9	(1.3)	15.0	(0.8)	20.7	(0.8)	64.4	(1.1)	<b>-12.7</b>	(1.5)	<b>3.3</b>	(1.1)	<b>9.4</b>	(1.7)
Slovak Republic	8.1	(0.5)	15.6	(0.7)	76.3	(0.9)	6.8	(0.7)	13.2	(0.8)	80.0	(1.0)	-1.3	(0.8)	<b>-2.4</b>	(1.1)	<b>3.7</b>	(1.4)
Spain	5.4	(0.5)	10.2	(0.5)	84.4	(0.7)	5.9	(0.3)	8.3	(0.2)	85.8	(0.4)	0.5	(0.6)	<b>-1.9</b>	(0.5)	1.5	(0.8)
Sweden	11.8	(0.6)	28.6	(0.8)	59.5	(1.1)	8.2	(0.5)	20.4	(0.8)	71.4	(0.8)	<b>-3.6</b>	(0.8)	<b>-8.2</b>	(1.1)	<b>11.8</b>	(1.4)
Switzerland	3.1	(0.3)	30.2	(1.8)	66.7	(1.8)	1.8	(0.2)	25.0	(1.8)	73.1	(1.8)	<b>-1.3</b>	(0.4)	<b>-5.2</b>	(2.5)	<b>6.5</b>	(2.6)
Turkey	76.7	(1.7)	15.5	(1.1)	7.8	(0.7)	70.3	(1.4)	21.0	(1.0)	8.6	(0.8)	<b>-6.3</b>	(2.2)	<b>5.5</b>	(1.5)	0.8	(1.0)
United States	2.7	(0.3)	87.1	(0.5)	10.3	(0.5)	1.5	(0.2)	24.0	(0.9)	74.6	(0.9)	<b>-1.2</b>	(0.3)	<b>-63.1</b>	(1.0)	<b>64.3</b>	(1.0)
OECD average 2003	9.7	(0.1)	21.5	(0.1)	68.8	(0.2)	7.1	(0.1)	17.9	(0.1)	75.0	(0.2)	<b>-2.6</b>	(0.1)	<b>-3.6</b>	(0.2)	<b>6.2</b>	(0.2)
<b>Partners</b>																		
Brazil	23.6	(1.1)	31.4	(0.9)	45.1	(1.2)	18.9	(0.6)	33.4	(0.7)	47.7	(0.8)	<b>-4.7</b>	(1.2)	2.0	(1.1)	2.7	(1.4)
Hong Kong-China	6.1	(0.6)	6.8	(0.5)	87.1	(0.9)	1.6	(0.2)	3.3	(0.3)	95.1	(0.4)	<b>-4.6</b>	(0.6)	<b>-3.4</b>	(0.6)	<b>8.0</b>	(1.0)
Indonesia	49.5	(1.6)	25.1	(0.9)	25.4	(1.4)	46.2	(2.2)	31.4	(2.0)	22.5	(1.5)	-3.3	(2.7)	<b>6.3</b>	(2.2)	-3.0	(2.0)
Latvia	29.2	(1.0)	15.1	(0.6)	55.7	(1.1)	11.3	(0.8)	13.3	(0.7)	75.4	(0.9)	<b>-17.9</b>	(1.3)	-1.8	(0.9)	<b>19.6</b>	(1.4)
Liechtenstein	3.3	(0.9)	6.1	(1.3)	90.6	(1.5)	0.7	(0.5)	8.8	(1.8)	90.5	(1.9)	<b>-2.6</b>	(1.0)	2.7	(2.2)	-0.1	(2.4)
Macao-China	3.8	(0.7)	16.2	(1.2)	80.0	(1.4)	2.4	(0.2)	11.9	(0.4)	85.6	(0.5)	-1.4	(0.8)	<b>-4.3</b>	(1.3)	<b>5.7</b>	(1.4)
Russian Federation	11.8	(0.9)	9.8	(0.5)	78.4	(1.1)	18.9	(1.1)	10.2	(0.6)	71.0	(1.4)	<b>7.1</b>	(1.4)	0.3	(0.8)	<b>-7.5</b>	(1.8)
Thailand	4.8	(0.4)	20.9	(0.9)	74.3	(1.1)	1.7	(0.3)	10.5	(0.6)	87.8	(0.6)	<b>-3.1</b>	(0.5)	<b>-10.4</b>	(1.1)	<b>13.5</b>	(1.3)
Tunisia	46.8	(1.7)	26.2	(1.1)	27.0	(1.2)	37.6	(1.6)	39.3	(1.1)	23.1	(1.0)	<b>-9.2</b>	(2.3)	<b>13.1</b>	(1.5)	<b>-3.9</b>	(1.5)
Uruguay	15.6	(0.9)	20.6	(0.9)	63.8	(1.1)	16.2	(0.8)	14.1	(0.7)	69.7	(1.0)	0.6	(1.2)	<b>-6.5</b>	(1.1)	<b>5.9</b>	(1.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
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[Part 1/6]

**Change between 2003 and 2012 in years in pre-school, by school features**Table IV.3.51 *Results based on students' self-reports*


		PISA 2003													
		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>	Australia	<b>37.6</b>	(1.3)	42.5	(1.3)	47.2	(1.3)	<b>55.6</b>	(1.0)	<b>38.9</b>	(1.4)	44.4	(1.3)	<b>55.4</b>	(1.0)
	Austria	<b>66.1</b>	(2.2)	79.0	(1.7)	86.1	(1.5)	<b>89.5</b>	(1.3)	<b>73.3</b>	(2.1)	80.7	(1.8)	<b>88.8</b>	(1.4)
	Belgium	<b>90.1</b>	(0.9)	92.6	(0.6)	95.9	(0.5)	<b>96.7</b>	(0.4)	<b>90.3</b>	(0.8)	94.8	(0.5)	<b>96.1</b>	(0.4)
	Canada	<b>35.4</b>	(1.2)	40.5	(1.1)	49.5	(1.1)	<b>57.4</b>	(1.4)	<b>32.8</b>	(1.7)	46.7	(1.0)	<b>56.2</b>	(1.9)
	Czech Republic	<b>74.7</b>	(1.6)	77.7	(1.1)	80.9	(1.2)	<b>81.9</b>	(1.1)	<b>74.6</b>	(1.7)	80.5	(1.1)	<b>80.0</b>	(1.3)
	Denmark	<b>57.9</b>	(1.9)	67.7	(1.9)	65.9	(1.5)	<b>71.3</b>	(1.7)	<b>62.4</b>	(2.8)	64.5	(1.2)	<b>72.7</b>	(1.8)
	Finland	<b>58.1</b>	(1.6)	65.4	(1.4)	69.6	(1.4)	<b>73.9</b>	(1.5)	<b>55.5</b>	(2.3)	66.9	(1.0)	<b>78.9</b>	(1.8)
	France	<b>91.1</b>	(0.9)	93.3	(0.9)	94.1	(0.7)	<b>97.0</b>	(0.8)	<b>90.5</b>	(1.1)	94.5	(0.6)	<b>96.3</b>	(0.6)
	Germany	<b>71.3</b>	(1.5)	82.3	(1.4)	86.3	(1.2)	<b>90.3</b>	(0.9)	<b>73.6</b>	(1.3)	83.8	(1.1)	<b>91.2</b>	(0.9)
	Greece	<b>58.7</b>	(2.3)	59.5	(2.0)	62.1	(1.7)	<b>67.6</b>	(2.1)	<b>58.6</b>	(2.4)	61.0	(2.2)	<b>66.5</b>	(2.6)
	Hungary	<b>92.0</b>	(1.0)	94.1	(0.7)	93.8	(0.8)	<b>97.1</b>	(0.5)	<b>92.3</b>	(0.8)	94.9	(0.8)	<b>95.7</b>	(0.6)
	Iceland	<b>82.2</b>	(1.2)	88.6	(1.1)	91.0	(0.9)	<b>93.8</b>	(0.9)	<b>81.9</b>	(1.7)	89.6	(0.7)	<b>91.9</b>	(0.8)
	Ireland	<b>25.6</b>	(1.9)	30.7	(1.7)	34.9	(1.6)	<b>38.5</b>	(2.2)	<b>28.8</b>	(2.6)	29.4	(1.4)	<b>44.4</b>	(2.7)
	Italy	<b>84.4</b>	(1.2)	87.6	(1.0)	86.0	(1.1)	<b>89.0</b>	(0.8)	<b>82.7</b>	(1.5)	88.7	(0.9)	<b>88.8</b>	(0.7)
	Japan	96.6	(0.6)	96.9	(0.5)	97.5	(0.5)	97.2	(0.5)	<b>95.8</b>	(0.5)	97.2	(0.5)	<b>98.1</b>	(0.4)
	Korea	<b>79.8</b>	(1.2)	86.6	(1.1)	89.4	(0.9)	<b>90.4</b>	(0.9)	<b>82.3</b>	(1.2)	87.8	(0.9)	<b>89.7</b>	(0.9)
	Luxembourg	<b>75.7</b>	(1.5)	79.2	(1.4)	81.2	(1.2)	<b>81.0</b>	(1.3)	<b>77.4</b>	(0.9)	c	c	<b>82.0</b>	(1.0)
	Mexico	<b>49.6</b>	(1.8)	59.3	(1.6)	72.1	(1.4)	<b>82.0</b>	(1.2)	<b>53.0</b>	(2.1)	67.8	(1.3)	<b>79.4</b>	(1.5)
	Netherlands	93.3	(1.0)	93.7	(0.9)	93.7	(0.8)	95.0	(0.7)	92.5	(1.0)	94.6	(0.6)	94.5	(0.8)
	New Zealand	<b>63.8</b>	(1.3)	67.8	(1.5)	75.1	(1.5)	<b>79.9</b>	(1.5)	<b>66.1</b>	(1.6)	71.3	(1.1)	<b>77.4</b>	(1.7)
	Norway	<b>68.2</b>	(1.8)	77.8	(1.7)	80.7	(1.2)	<b>86.4</b>	(1.6)	<b>75.5</b>	(3.2)	77.4	(1.2)	<b>86.0</b>	(1.9)
	Poland	<b>29.4</b>	(2.0)	36.8	(1.8)	47.3	(1.8)	<b>64.2</b>	(1.5)	<b>32.5</b>	(2.9)	44.0	(1.4)	<b>60.3</b>	(1.8)
	Portugal	<b>45.3</b>	(2.0)	48.6	(1.8)	54.7	(1.5)	<b>71.2</b>	(1.6)	<b>50.5</b>	(2.3)	54.3	(1.9)	<b>62.2</b>	(2.0)
	Slovak Republic	<b>67.7</b>	(2.1)	78.6	(0.9)	79.5	(1.0)	<b>79.3</b>	(1.5)	<b>72.5</b>	(2.0)	76.2	(1.3)	<b>80.0</b>	(0.9)
	Spain	<b>79.9</b>	(1.7)	82.2	(1.0)	85.6	(1.0)	<b>89.6</b>	(0.7)	<b>81.3</b>	(1.6)	83.4	(1.0)	<b>88.9</b>	(0.8)
	Sweden	<b>51.0</b>	(1.9)	56.0	(1.7)	63.9	(1.7)	<b>67.1</b>	(1.7)	<b>53.1</b>	(2.4)	58.6	(1.2)	<b>68.2</b>	(2.6)
	Switzerland	<b>63.3</b>	(2.5)	66.6	(2.3)	66.0	(2.1)	<b>70.9</b>	(2.4)	<b>58.6</b>	(3.8)	69.4	(2.1)	<b>70.4</b>	(3.8)
	Turkey	<b>0.8</b>	(0.3)	2.7	(0.6)	5.4	(0.6)	<b>22.1</b>	(1.4)	<b>2.5</b>	(0.5)	5.5	(0.7)	<b>18.2</b>	(1.3)
United States	11.5	(1.0)	10.1	(1.1)	9.5	(0.8)	10.1	(0.8)	11.9	(1.1)	9.7	(0.6)	10.1	(1.0)	
OECD average 2003	<b>62.1</b>	(0.3)	67.0	(0.3)	70.5	(0.2)	<b>75.4</b>	(0.2)	<b>63.5</b>	(0.4)	68.5	(0.2)	<b>74.8</b>	(0.3)	
<b>Partners</b>	Brazil	<b>31.3</b>	(1.9)	39.8	(1.7)	48.8	(1.6)	<b>59.8</b>	(2.0)	<b>34.4</b>	(2.2)	42.2	(1.4)	<b>64.4</b>	(2.1)
	Hong Kong-China	<b>76.0</b>	(1.3)	85.6	(1.9)	92.3	(1.0)	<b>94.5</b>	(0.7)	<b>80.1</b>	(2.2)	88.8	(1.1)	<b>93.8</b>	(0.9)
	Indonesia	<b>12.6</b>	(1.4)	22.1	(1.6)	27.8	(1.7)	<b>38.9</b>	(3.0)	<b>13.6</b>	(2.0)	26.8	(2.7)	<b>37.5</b>	(3.6)
	Latvia	<b>47.8</b>	(1.9)	57.1	(2.1)	61.1	(1.6)	<b>56.9</b>	(1.9)	<b>41.0</b>	(3.4)	56.5	(1.5)	<b>63.5</b>	(2.1)
	Liechtenstein	<b>79.3</b>	(4.2)	97.6	(1.7)	92.7	(2.9)	<b>92.7</b>	(2.9)	c	c	92.5	(1.8)	c	c
	Macao-China	75.4	(3.3)	79.4	(2.9)	83.4	(2.6)	81.7	(2.5)	<b>73.6</b>	(2.7)	84.0	(1.9)	<b>84.7</b>	(2.4)
	Russian Federation	<b>72.0</b>	(2.1)	79.4	(1.6)	82.3	(1.3)	<b>80.0</b>	(1.3)	<b>72.8</b>	(2.4)	80.3	(1.3)	<b>81.2</b>	(1.5)
	Thailand	<b>63.5</b>	(2.4)	69.0	(1.6)	76.3	(1.5)	<b>88.2</b>	(1.1)	<b>66.5</b>	(2.2)	72.0	(1.8)	<b>88.2</b>	(1.2)
	Tunisia	<b>7.8</b>	(0.9)	17.3	(1.3)	32.9	(1.7)	<b>48.8</b>	(2.2)	<b>11.5</b>	(1.2)	27.0	(1.5)	<b>47.0</b>	(2.7)
	Uruguay	<b>43.8</b>	(1.9)	60.3	(2.2)	69.1	(1.3)	<b>80.8</b>	(1.2)	<b>47.6</b>	(1.8)	65.0	(1.9)	<b>78.8</b>	(1.6)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

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[Part 2/6]

**Change between 2003 and 2012 in years in pre-school, by school features**Table IV.3.51 *Results based on students' self-reports*


		PISA 2003													
		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year													
		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	w	w	w	w	<b>47.2</b>	(0.8)	<b>39.8</b>	(1.3)	41.3	(3.7)	43.7	(1.2)	47.3	(1.0)
	Austria	<b>79.6</b>	(1.2)	<b>86.2</b>	(3.0)	<b>71.1</b>	(3.5)	<b>80.6</b>	(1.2)	76.1	(3.3)	81.0	(1.6)	79.7	(1.9)
	Belgium	<b>91.8</b>	(0.9)	<b>95.0</b>	(0.4)	<b>70.4</b>	(3.2)	<b>94.5</b>	(0.3)	90.5	(2.7)	94.6	(0.4)	92.1	(1.0)
	Canada	44.9	(0.8)	48.1	(2.9)	<b>31.9</b>	(1.2)	<b>48.5</b>	(0.8)	<b>40.9</b>	(2.4)	42.1	(1.2)	<b>50.8</b>	(1.3)
	Czech Republic	78.8	(0.7)	78.7	(3.6)	79.1	(1.2)	78.5	(0.9)	80.4	(3.1)	79.2	(0.9)	77.0	(1.6)
	Denmark	66.0	(1.2)	65.9	(1.9)	65.8	(1.0)	57.9	(5.4)	<b>60.7</b>	(2.4)	66.5	(1.4)	<b>70.7</b>	(2.4)
	Finland	<b>66.2</b>	(0.9)	<b>74.4</b>	(3.5)	66.8	(0.9)	c	c	<b>53.3</b>	(2.9)	65.9	(1.1)	<b>76.9</b>	(1.6)
	France	c	c	c	c	<b>89.8</b>	(1.0)	<b>96.6</b>	(0.4)	c	c	c	c	c	c
	Germany	<b>82.1</b>	(0.7)	<b>89.1</b>	(2.6)	<b>82.8</b>	(0.6)	<b>75.7</b>	(3.5)	80.9	(1.8)	83.4	(0.9)	80.9	(1.7)
	Greece	<b>61.7</b>	(1.5)	<b>73.5</b>	(3.6)	<b>47.5</b>	(2.9)	<b>63.4</b>	(1.5)	55.8	(6.5)	62.8	(1.6)	60.6	(3.1)
	Hungary	94.4	(0.5)	93.6	(1.0)	<b>87.7</b>	(2.1)	<b>94.7</b>	(0.4)	88.8	(3.3)	94.3	(0.5)	94.5	(0.6)
	Iceland	88.9	(0.6)	c	c	88.9	(0.5)	c	c	<b>81.4</b>	(1.3)	90.7	(0.7)	<b>92.8</b>	(1.1)
	Ireland	<b>28.8</b>	(1.8)	<b>34.3</b>	(1.6)	<b>35.1</b>	(1.4)	<b>27.9</b>	(1.5)	<b>22.3</b>	(1.9)	30.2	(1.5)	<b>44.1</b>	(2.3)
	Italy	86.7	(0.7)	89.9	(1.8)	<b>55.1</b>	(8.4)	<b>87.2</b>	(0.6)	90.4	(6.8)	87.5	(0.7)	84.9	(1.2)
	Japan	96.9	(0.4)	97.7	(0.4)	c	c	97.0	(0.3)	c	c	96.2	(0.5)	97.5	(0.3)
	Korea	85.7	(1.1)	87.2	(0.7)	86.5	(4.5)	86.5	(0.6)	c	c	81.8	(2.2)	87.6	(0.6)
	Luxembourg	<b>78.4</b>	(0.8)	<b>84.8</b>	(1.5)	79.0	(0.8)	80.0	(1.2)	c	c	79.3	(0.7)	c	c
	Mexico	<b>63.3</b>	(1.2)	<b>77.4</b>	(2.3)	<b>62.6</b>	(2.2)	<b>70.0</b>	(0.9)	<b>51.8</b>	(3.1)	67.0	(1.3)	<b>72.7</b>	(1.5)
	Netherlands	<b>91.8</b>	(1.2)	<b>94.4</b>	(0.5)	<b>93.5</b>	(0.5)	<b>95.2</b>	(0.7)	c	c	94.3	(0.5)	93.0	(0.8)
	New Zealand	72.0	(0.8)	74.9	(5.4)	70.5	(2.5)	71.8	(0.8)	69.4	(3.2)	73.0	(1.1)	70.7	(1.3)
	Norway	78.5	(1.1)	c	c	78.3	(1.1)	c	c	<b>77.0</b>	(1.9)	77.7	(1.4)	<b>82.9</b>	(2.3)
	Poland	44.0	(1.2)	c	c	44.5	(1.2)	c	c	<b>35.4</b>	(2.6)	43.6	(1.4)	<b>60.0</b>	(1.8)
	Portugal	54.5	(1.4)	60.9	(4.2)	52.1	(1.9)	56.5	(1.6)	54.2	(3.7)	54.3	(1.6)	57.5	(2.7)
	Slovak Republic	76.2	(1.0)	76.3	(2.1)	74.5	(1.5)	77.2	(0.9)	71.3	(3.4)	76.6	(1.0)	78.0	(1.6)
	Spain	<b>82.4</b>	(0.9)	<b>87.7</b>	(0.7)	84.4	(0.7)	c	c	85.5	(2.9)	84.5	(0.8)	84.4	(1.2)
	Sweden	59.4	(1.1)	61.0	(1.8)	59.7	(1.1)	55.9	(8.4)	58.0	(2.3)	58.6	(1.4)	63.4	(2.0)
Switzerland	66.1	(1.9)	70.7	(6.4)	65.5	(2.0)	72.4	(3.0)	<b>61.0</b>	(5.1)	65.3	(2.4)	<b>78.9</b>	(2.9)	
Turkey	7.0	(0.7)	c	c	<b>2.2</b>	(1.4)	<b>8.1</b>	(0.7)	c	c	5.6	(0.9)	9.8	(0.9)	
United States	10.0	(0.6)	7.2	(1.8)	<b>13.8</b>	(1.1)	<b>8.6</b>	(0.6)	8.5	(1.7)	9.9	(0.7)	9.8	(0.9)	
OECD average 2003	<b>68.0</b>	(0.2)	<b>74.3</b>	(0.6)	<b>63.8</b>	(0.5)	<b>67.7</b>	(0.5)	<b>62.4</b>	(0.7)	67.5	(0.2)	<b>70.3</b>	(0.3)	
Partners	Brazil	<b>42.3</b>	(1.5)	<b>60.7</b>	(2.3)	<b>34.2</b>	(1.7)	<b>51.4</b>	(1.4)	36.4	(7.2)	42.1	(1.8)	49.8	(1.8)
	Hong Kong-China	89.4	(1.2)	86.9	(1.0)	<b>75.2</b>	(1.9)	<b>95.6</b>	(0.4)	c	c	c	c	87.1	(0.9)
	Indonesia	25.2	(1.5)	25.7	(2.4)	<b>22.9</b>	(1.6)	<b>29.9</b>	(2.3)	22.8	(3.5)	24.7	(3.2)	29.6	(2.8)
	Latvia	55.6	(1.2)	c	c	55.4	(1.1)	60.1	(3.1)	<b>39.2</b>	(2.7)	60.3	(1.8)	<b>65.0</b>	(1.5)
	Liechtenstein	90.4	(1.6)	c	c	90.7	(1.5)	c	c	c	c	90.6	(1.5)	c	c
	Macao-China	c	c	80.2	(1.4)	<b>77.1</b>	(1.6)	<b>88.7</b>	(2.5)	c	c	c	c	80.0	(1.4)
	Russian Federation	78.3	(1.2)	c	c	<b>73.8</b>	(2.0)	<b>80.5</b>	(1.2)	<b>67.2</b>	(3.6)	78.8	(1.6)	<b>81.5</b>	(1.1)
	Thailand	74.0	(1.2)	76.9	(2.9)	72.7	(1.7)	75.6	(1.1)	<b>68.9</b>	(2.5)	71.6	(2.0)	<b>84.3</b>	(1.7)
	Tunisia	c	c	c	c	<b>19.8</b>	(1.2)	<b>38.4</b>	(2.3)	<b>17.1</b>	(6.2)	24.7	(1.4)	<b>40.5</b>	(4.0)
	Uruguay	<b>60.1</b>	(1.3)	<b>85.1</b>	(1.3)	<b>51.8</b>	(1.3)	<b>69.4</b>	(1.4)	<b>44.9</b>	(6.0)	58.5	(1.6)	<b>72.9</b>	(1.6)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

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[Part 3/6]

**Change between 2003 and 2012 in years in pre-school, by school features**Table IV.3.51 *Results based on students' self-reports*


		PISA 2012													
		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year													
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	42.7	(1.1)	49.0	(1.0)	54.1	(1.0)	<b>61.6</b>	(1.1)	<b>42.3</b>	(1.1)	49.9	(0.8)	<b>64.3</b>	(1.3)
	Austria	<b>80.8</b>	(1.8)	86.5	(1.3)	90.6	(1.0)	<b>93.1</b>	(0.9)	<b>82.1</b>	(1.6)	88.7	(0.9)	<b>93.2</b>	(1.0)
	Belgium	<b>89.2</b>	(0.9)	92.1	(0.7)	95.3	(0.4)	<b>96.1</b>	(0.5)	<b>87.3</b>	(0.9)	94.6	(0.6)	<b>96.0</b>	(0.5)
	Canada	42.5	(1.1)	46.9	(1.2)	52.1	(1.1)	<b>61.0</b>	(1.0)	<b>46.6</b>	(2.3)	48.1	(1.2)	<b>58.8</b>	(1.4)
	Czech Republic	<b>84.5</b>	(1.8)	87.3	(1.3)	91.0	(1.1)	<b>89.5</b>	(1.1)	<b>84.0</b>	(2.3)	88.8	(0.9)	<b>89.8</b>	(1.1)
	Denmark	72.4	(1.2)	78.4	(1.2)	80.0	(1.1)	<b>85.2</b>	(1.1)	<b>73.1</b>	(1.5)	78.3	(0.9)	<b>85.5</b>	(1.3)
	Finland	51.4	(1.3)	61.2	(1.7)	66.3	(1.4)	<b>72.1</b>	(1.6)	<b>47.6</b>	(3.1)	62.4	(1.3)	<b>78.2</b>	(1.8)
	France	87.4	(1.1)	90.6	(0.8)	94.6	(0.7)	<b>95.2</b>	(0.7)	<b>83.9</b>	(1.3)	93.2	(0.7)	<b>96.0</b>	(0.6)
	Germany	<b>79.1</b>	(1.6)	84.4	(1.2)	88.1	(1.0)	<b>91.2</b>	(1.0)	<b>75.8</b>	(1.7)	86.7	(0.9)	<b>92.0</b>	(0.9)
	Greece	59.9	(1.9)	67.1	(1.6)	70.3	(1.5)	<b>74.8</b>	(1.5)	<b>61.8</b>	(2.6)	68.3	(1.5)	<b>73.4</b>	(1.6)
	Hungary	94.8	(0.8)	95.8	(0.7)	95.3	(0.6)	96.3	(0.7)	<b>94.2</b>	(0.7)	95.4	(0.6)	<b>96.9</b>	(0.5)
	Iceland	90.2	(1.0)	95.4	(0.6)	96.7	(0.7)	<b>96.6</b>	(0.6)	<b>93.3</b>	(1.0)	94.1	(0.5)	<b>96.7</b>	(0.6)
	Ireland	34.2	(1.5)	40.1	(1.7)	44.4	(1.5)	<b>52.3</b>	(1.5)	<b>41.2</b>	(2.1)	38.5	(1.1)	<b>53.3</b>	(1.6)
	Italy	84.2	(0.7)	87.5	(0.6)	89.4	(0.4)	<b>89.9</b>	(0.6)	<b>84.0</b>	(0.8)	87.8	(0.5)	<b>91.1</b>	(0.5)
	Japan	<b>95.8</b>	(0.5)	97.2	(0.5)	97.1	(0.4)	<b>97.7</b>	(0.3)	<b>94.9</b>	(0.6)	97.5	(0.3)	<b>98.0</b>	(0.3)
	Korea	79.8	(1.4)	80.6	(1.4)	85.2	(1.1)	<b>85.7</b>	(1.4)	82.1	(1.8)	82.4	(1.3)	84.6	(1.3)
	Luxembourg	74.7	(1.3)	83.2	(1.1)	87.2	(0.9)	<b>85.1</b>	(1.0)	<b>78.4</b>	(0.8)	87.9	(1.1)	<b>85.7</b>	(0.8)
	Mexico	61.3	(1.1)	68.6	(0.8)	74.2	(0.7)	<b>83.3</b>	(0.5)	<b>64.4</b>	(1.2)	71.3	(0.7)	<b>80.6</b>	(0.6)
	Netherlands	<b>92.7</b>	(1.0)	96.3	(0.6)	95.2	(0.7)	<b>95.9</b>	(0.6)	93.3	(1.0)	95.5	(0.4)	95.6	(0.7)
	New Zealand	60.2	(1.9)	70.9	(1.6)	74.5	(1.6)	<b>80.6</b>	(1.4)	<b>61.9</b>	(2.7)	71.6	(1.3)	<b>78.8</b>	(1.6)
	Norway	<b>78.0</b>	(1.2)	85.0	(1.2)	88.1	(0.9)	<b>94.5</b>	(0.7)	<b>79.0</b>	(1.9)	85.5	(0.7)	<b>93.9</b>	(1.0)
	Poland	28.4	(2.2)	42.7	(2.1)	56.7	(1.8)	<b>76.6</b>	(1.6)	<b>31.9</b>	(3.2)	50.7	(2.2)	<b>75.9</b>	(1.7)
	Portugal	52.4	(1.5)	60.3	(1.7)	65.6	(1.7)	<b>78.9</b>	(1.3)	<b>59.5</b>	(1.8)	62.6	(1.6)	<b>75.9</b>	(2.2)
	Slovak Republic	63.8	(2.3)	81.0	(1.5)	85.5	(1.2)	<b>89.7</b>	(0.9)	<b>63.6</b>	(2.6)	84.2	(1.0)	<b>89.4</b>	(1.5)
	Spain	<b>80.1</b>	(0.9)	84.1	(1.0)	87.8	(0.7)	<b>91.3</b>	(0.5)	<b>82.7</b>	(1.1)	85.6	(0.6)	<b>89.5</b>	(0.7)
	Sweden	61.9	(1.5)	70.6	(1.4)	76.3	(1.4)	<b>77.2</b>	(1.1)	<b>70.5</b>	(2.4)	68.3	(1.1)	<b>80.5</b>	(1.7)
Switzerland	68.2	(2.3)	71.7	(1.9)	77.0	(2.1)	<b>75.7</b>	(2.6)	<b>63.2</b>	(4.3)	76.1	(1.9)	<b>77.8</b>	(3.8)	
Turkey	1.7	(0.5)	3.5	(0.6)	6.7	(0.9)	<b>22.9</b>	(1.7)	<b>4.8</b>	(0.7)	5.4	(0.6)	<b>19.2</b>	(1.9)	
United States	61.2	(1.9)	72.1	(1.4)	79.7	(1.3)	<b>85.4</b>	(1.1)	<b>63.9</b>	(1.6)	75.6	(1.2)	<b>82.8</b>	(1.3)	
OECD average 2003	67.4	(0.3)	73.5	(0.2)	77.4	(0.2)	<b>81.9</b>	(0.2)	<b>68.7</b>	(0.4)	75.0	(0.2)	<b>81.8</b>	(0.3)	
Partners	Brazil	36.7	(1.1)	44.7	(1.0)	49.1	(1.3)	<b>60.5</b>	(1.6)	<b>38.8</b>	(1.3)	46.8	(1.1)	<b>61.4</b>	(1.9)
	Hong Kong-China	<b>91.2</b>	(0.9)	95.7	(0.7)	96.4	(0.6)	<b>97.2</b>	(0.5)	<b>92.2</b>	(0.9)	95.7	(0.5)	<b>98.2</b>	(0.4)
	Indonesia	13.7	(1.6)	15.4	(1.9)	24.3	(1.9)	<b>36.7</b>	(3.0)	<b>16.7</b>	(2.3)	20.0	(2.6)	<b>33.8</b>	(4.0)
	Latvia	60.7	(2.3)	75.5	(1.5)	81.4	(1.3)	<b>83.2</b>	(1.3)	<b>58.5</b>	(3.5)	77.2	(1.4)	<b>83.3</b>	(1.1)
	Liechtenstein	90.9	(3.6)	93.2	(2.3)	94.6	(2.7)	83.8	(5.0)	c	c	88.9	(2.8)	c	c
	Macao-China	83.7	(1.0)	86.2	(0.8)	86.6	(0.8)	86.3	(1.0)	84.9	(0.7)	85.6	(1.0)	86.8	(0.8)
	Russian Federation	56.0	(2.2)	70.1	(2.0)	77.3	(1.3)	<b>80.9</b>	(1.6)	<b>54.5</b>	(3.9)	72.0	(2.5)	<b>82.0</b>	(1.2)
	Thailand	84.0	(1.1)	86.3	(1.2)	87.9	(1.0)	<b>93.2</b>	(0.7)	<b>84.3</b>	(1.3)	87.3	(0.9)	<b>93.0</b>	(0.7)
	Tunisia	10.9	(1.1)	21.3	(1.8)	28.2	(1.5)	<b>32.3</b>	(1.8)	<b>12.8</b>	(1.3)	23.8	(1.5)	<b>33.2</b>	(1.7)
	Uruguay	57.5	(1.8)	65.0	(1.9)	70.6	(1.4)	<b>85.1</b>	(1.1)	<b>60.5</b>	(1.6)	68.6	(1.7)	<b>87.5</b>	(1.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

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[Part 4/6]

**Change between 2003 and 2012 in years in pre-school, by school features**Table IV.3.51 *Results based on students' self-reports*


		PISA 2012													
		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year													
		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)	
% S.E.		% S.E.		% S.E.		% S.E.		% S.E.		% S.E.		% S.E.			
OECD	Australia	<b>48.6</b>	(0.8)	<b>56.7</b>	(1.1)	<b>54.0</b>	(0.7)	<b>42.0</b>	(1.3)	<b>46.4</b>	(2.2)	49.5	(1.3)	<b>53.3</b>	(0.9)
	Austria	87.3	(0.8)	92.1	(2.2)	79.3	(4.9)	88.2	(0.7)	85.1	(3.0)	88.1	(1.0)	87.9	(1.1)
	Belgium	<b>90.0</b>	(1.0)	<b>94.3</b>	(0.4)	<b>74.5</b>	(1.9)	<b>95.0</b>	(0.3)	88.3	(5.2)	93.7	(0.4)	91.4	(1.1)
	Canada	50.4	(0.7)	52.1	(2.7)	<b>37.3</b>	(1.3)	<b>52.7</b>	(0.7)	<b>47.3</b>	(2.4)	43.6	(1.4)	<b>55.9</b>	(1.0)
	Czech Republic	87.8	(1.0)	85.9	(2.5)	87.5	(1.3)	88.6	(0.8)	88.1	(4.6)	87.8	(1.1)	87.3	(1.8)
	Denmark	<b>77.8</b>	(0.7)	<b>82.4</b>	(1.3)	<b>78.8</b>	(0.6)	<b>89.6</b>	(5.1)	77.7	(1.4)	79.5	(0.9)	78.8	(1.5)
	Finland	<b>62.0</b>	(1.1)	<b>81.1</b>	(3.9)	62.7	(1.0)	c	c	<b>49.1</b>	(6.5)	58.0	(1.2)	<b>77.3</b>	(1.2)
	France	91.7	(0.6)	91.2	(0.9)	<b>83.1</b>	(1.3)	<b>95.4</b>	(0.4)	87.8	(2.0)	92.3	(0.7)	91.2	(1.4)
	Germany	84.8	(0.8)	89.2	(3.5)	85.2	(0.6)	84.2	(5.8)	c	c	85.2	(0.9)	85.0	(1.6)
	Greece	68.3	(1.0)	c	c	<b>42.4</b>	(3.9)	<b>69.5</b>	(1.0)	69.6	(4.3)	67.8	(1.3)	67.9	(1.9)
	Hungary	95.6	(0.4)	95.7	(1.1)	<b>90.2</b>	(1.6)	<b>96.2</b>	(0.3)	95.4	(2.3)	96.2	(0.5)	94.8	(0.5)
	Iceland	94.7	(0.4)	c	c	94.7	(0.4)	c	c	92.4	(0.9)	96.5	(0.5)	93.6	(0.9)
	Ireland	40.8	(1.3)	43.1	(1.3)	<b>48.0</b>	(1.1)	<b>34.2</b>	(1.3)	<b>38.4</b>	(2.0)	40.5	(1.2)	<b>50.9</b>	(1.7)
	Italy	87.8	(0.3)	86.1	(1.6)	<b>56.7</b>	(3.9)	<b>88.4</b>	(0.3)	85.0	(2.6)	89.0	(0.4)	85.4	(0.7)
	Japan	96.7	(0.3)	97.4	(0.3)	c	c	96.9	(0.2)	c	c	96.4	(0.5)	97.0	(0.3)
	Korea	82.5	(1.2)	83.2	(1.4)	78.2	(5.2)	83.2	(0.9)	c	c	81.2	(3.9)	83.0	(0.8)
	Luxembourg	<b>83.2</b>	(0.6)	<b>79.1</b>	(1.5)	<b>80.2</b>	(0.7)	<b>86.1</b>	(0.7)	c	c	82.6	(0.5)	c	c
	Mexico	<b>70.4</b>	(0.6)	<b>82.2</b>	(0.9)	<b>67.6</b>	(0.9)	<b>74.3</b>	(0.7)	<b>66.0</b>	(1.4)	70.6	(1.1)	<b>75.0</b>	(0.7)
	Netherlands	94.8	(0.7)	94.7	(0.4)	94.7	(0.4)	95.8	(0.7)	c	c	95.1	(0.4)	93.9	(0.9)
	New Zealand	<b>71.3</b>	(0.9)	<b>79.4</b>	(2.3)	<b>57.4</b>	(3.4)	<b>72.1</b>	(0.8)	67.0	(3.5)	73.8	(1.6)	70.1	(1.4)
	Norway	86.4	(0.6)	c	c	86.3	(0.6)	c	c	83.1	(1.6)	87.0	(0.8)	86.7	(1.6)
	Poland	<b>50.4</b>	(1.6)	<b>76.5</b>	(3.5)	51.0	(1.5)	c	c	<b>32.4</b>	(3.0)	54.4	(2.1)	<b>72.9</b>	(2.5)
	Portugal	<b>62.8</b>	(1.0)	<b>78.1</b>	(3.7)	<b>57.6</b>	(1.4)	<b>69.7</b>	(1.3)	58.9	(5.9)	64.4	(1.2)	65.9	(3.4)
	Slovak Republic	79.9	(1.1)	81.0	(5.1)	<b>75.7</b>	(2.0)	<b>83.5</b>	(1.2)	<b>66.7</b>	(4.0)	80.8	(1.2)	<b>88.9</b>	(1.6)
	Spain	<b>83.9</b>	(0.6)	<b>89.9</b>	(0.6)	85.8	(0.4)	c	c	<b>90.4</b>	(1.1)	85.4	(0.6)	<b>86.0</b>	(1.0)
	Sweden	70.8	(0.9)	75.2	(2.4)	<b>71.9</b>	(0.9)	<b>49.2</b>	(5.7)	71.5	(1.6)	70.9	(1.3)	72.3	(1.6)
Switzerland	<b>71.8</b>	(2.0)	<b>86.3</b>	(2.4)	74.3	(2.0)	69.4	(4.1)	69.7	(7.4)	70.9	(2.4)	81.8	(2.2)	
Turkey	8.2	(0.7)	c	c	<b>3.8</b>	(2.3)	<b>8.8</b>	(0.8)	10.7	(4.5)	8.0	(1.3)	9.0	(1.0)	
United States	<b>74.2</b>	(1.0)	<b>84.1</b>	(2.9)	<b>69.2</b>	(2.5)	<b>75.3</b>	(0.9)	72.6	(3.5)	76.6	(1.3)	73.3	(1.3)	
OECD average 2003	<b>73.7</b>	(0.2)	<b>81.1</b>	(0.5)	<b>68.9</b>	(0.4)	<b>74.5</b>	(0.5)	<b>67.5</b>	(0.8)	74.1	(0.3)	<b>76.5</b>	(0.3)	
Partners	Brazil	<b>44.1</b>	(0.7)	<b>63.9</b>	(2.5)	<b>37.2</b>	(1.5)	<b>50.4</b>	(0.9)	43.4	(7.3)	42.4	(0.9)	53.1	(1.1)
	Hong Kong-China	96.1	(1.5)	95.1	(0.5)	<b>90.6</b>	(0.9)	<b>97.3</b>	(0.3)	c	c	c	c	95.1	(0.4)
	Indonesia	21.5	(1.8)	24.3	(2.8)	22.5	(2.2)	22.5	(2.3)	19.1	(3.7)	21.2	(2.1)	30.5	(4.9)
	Latvia	75.3	(1.0)	c	c	<b>76.1</b>	(1.0)	<b>56.6</b>	(4.5)	<b>59.9</b>	(3.2)	80.7	(1.0)	<b>80.2</b>	(1.3)
	Liechtenstein	90.4	(1.8)	c	c	90.0	(2.1)	c	c	c	c	90.5	(1.9)	c	c
	Macao-China	c	c	85.6	(0.4)	<b>82.4</b>	(0.7)	<b>89.5</b>	(0.6)	c	c	c	c	85.7	(0.5)
	Russian Federation	71.0	(1.4)	c	c	<b>72.5</b>	(1.4)	<b>63.7</b>	(2.4)	<b>50.5</b>	(3.1)	71.0	(2.6)	<b>80.0</b>	(1.1)
	Thailand	87.9	(0.7)	87.0	(1.3)	<b>82.5</b>	(1.6)	<b>89.2</b>	(0.6)	<b>84.2</b>	(2.3)	87.1	(0.9)	<b>90.7</b>	(0.8)
	Tunisia	23.2	(1.0)	c	c	<b>17.5</b>	(1.4)	<b>26.4</b>	(1.2)	<b>18.5</b>	(3.6)	21.6	(1.2)	<b>28.5</b>	(2.0)
	Uruguay	<b>65.6</b>	(1.1)	<b>89.3</b>	(1.4)	<b>58.0</b>	(1.7)	<b>77.6</b>	(1.0)	<b>61.3</b>	(6.1)	65.2	(1.5)	<b>78.1</b>	(1.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

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[Part 5/6]

**Change between 2003 and 2012 in years in pre-school, by school features**Table IV.3.51 *Results based on students' self-reports*


		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																	
		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year																	
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference between top and bottom quarters of ESCS (top - bottom)		Socio-economically disadvantaged schools <sup>1</sup>		Socio-economically average schools <sup>1</sup>		Socio-economically advantaged schools <sup>1</sup>		Difference between advantaged and disadvantaged schools (advantaged - disadvantaged)	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	Dif. in % dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	Dif. in % dif.	S.E.
OECD	Australia	<b>5.0</b>	(1.7)	<b>6.5</b>	(1.6)	<b>6.9</b>	(1.6)	<b>6.0</b>	(1.5)	1.0	(2.3)	3.4	(1.8)	<b>5.5</b>	(1.5)	<b>8.9</b>	(1.7)	<b>5.5</b>	(2.4)
	Austria	<b>14.7</b>	(2.8)	<b>7.5</b>	(2.2)	<b>4.5</b>	(1.8)	<b>3.6</b>	(1.6)	<b>-11.1</b>	(3.6)	<b>8.8</b>	(2.6)	<b>8.0</b>	(2.0)	<b>4.4</b>	(1.7)	-4.4	(3.3)
	Belgium	-0.9	(1.3)	-0.4	(1.0)	-0.6	(0.6)	-0.6	(0.6)	0.3	(1.3)	<b>-3.0</b>	(1.2)	-0.2	(0.8)	-0.1	(0.6)	<b>2.9</b>	(1.4)
	Canada	<b>7.1</b>	(1.6)	<b>6.3</b>	(1.6)	2.6	(1.6)	<b>3.5</b>	(1.7)	-3.6	(2.1)	<b>13.8</b>	(2.9)	1.4	(1.6)	2.6	(2.3)	<b>-11.2</b>	(3.6)
	Czech Republic	<b>9.8</b>	(2.4)	<b>9.6</b>	(1.7)	<b>10.1</b>	(1.6)	<b>7.5</b>	(1.6)	-2.3	(3.1)	<b>9.4</b>	(2.9)	<b>8.4</b>	(1.4)	<b>9.8</b>	(1.7)	0.4	(3.6)
	Denmark	<b>14.5</b>	(2.2)	<b>10.7</b>	(2.2)	<b>14.0</b>	(1.9)	<b>14.0</b>	(2.0)	-0.5	(2.8)	<b>10.7</b>	(3.2)	<b>13.8</b>	(1.5)	<b>12.8</b>	(2.2)	2.1	(4.0)
	Finland	<b>-6.7</b>	(2.1)	-4.1	(2.2)	-3.4	(2.0)	-1.8	(2.2)	4.8	(2.6)	<b>-7.9</b>	(3.9)	<b>-4.5</b>	(1.7)	-0.7	(2.6)	7.2	(4.8)
	France	<b>-3.7</b>	(1.4)	<b>-2.7</b>	(1.2)	0.5	(1.0)	-1.8	(1.0)	1.9	(1.8)	<b>-6.6</b>	(1.7)	-1.3	(0.9)	-0.3	(0.8)	<b>6.3</b>	(1.9)
	Germany	<b>7.7</b>	(2.1)	2.1	(1.8)	1.8	(1.6)	0.9	(1.4)	<b>-6.9</b>	(2.7)	2.3	(2.1)	<b>3.0</b>	(1.4)	0.7	(1.3)	-1.5	(2.7)
	Greece	1.2	(3.0)	<b>7.6</b>	(2.6)	<b>8.3</b>	(2.2)	<b>7.2</b>	(2.5)	6.0	(3.6)	3.2	(3.6)	<b>7.3</b>	(2.7)	<b>7.0</b>	(3.0)	3.8	(4.5)
	Hungary	<b>2.9</b>	(1.2)	1.7	(0.9)	1.5	(1.0)	-0.8	(0.9)	<b>-3.7</b>	(1.5)	1.9	(1.1)	0.5	(1.0)	1.1	(0.8)	-0.8	(1.3)
	Iceland	<b>8.1</b>	(1.6)	<b>6.9</b>	(1.3)	<b>5.7</b>	(1.1)	<b>2.7</b>	(1.1)	<b>-5.3</b>	(1.9)	<b>11.4</b>	(2.0)	<b>4.6</b>	(0.9)	<b>4.8</b>	(1.0)	<b>-6.6</b>	(2.1)
	Ireland	<b>8.7</b>	(2.4)	<b>9.4</b>	(2.4)	<b>9.5</b>	(2.3)	<b>13.8</b>	(2.7)	5.1	(3.1)	<b>12.4</b>	(3.3)	<b>9.1</b>	(1.8)	<b>9.0</b>	(3.1)	-3.4	(4.7)
	Italy	-0.2	(1.4)	-0.1	(1.1)	<b>3.4</b>	(1.2)	0.9	(1.0)	1.1	(1.5)	1.3	(1.7)	-0.9	(1.0)	<b>2.2</b>	(0.9)	0.9	(2.0)
	Japan	-0.8	(0.8)	0.2	(0.7)	-0.4	(0.7)	0.6	(0.6)	1.3	(0.9)	-1.0	(0.8)	0.3	(0.6)	0.0	(0.5)	0.9	(0.9)
	Korea	0.0	(1.8)	<b>-5.9</b>	(1.8)	<b>-4.2</b>	(1.4)	<b>-4.6</b>	(1.7)	<b>-4.6</b>	(1.7)	-0.2	(2.2)	<b>-5.5</b>	(1.6)	<b>-5.1</b>	(1.6)	-4.9	(2.5)
	Luxembourg	-1.0	(1.9)	<b>4.0</b>	(1.8)	<b>6.1</b>	(1.5)	<b>4.1</b>	(1.6)	<b>5.1</b>	(2.4)	1.1	(1.2)	c	c	<b>3.7</b>	(1.3)	2.7	(1.6)
	Mexico	<b>11.8</b>	(2.1)	<b>9.2</b>	(1.7)	2.1	(1.5)	1.3	(1.3)	<b>-10.5</b>	(2.7)	<b>11.4</b>	(2.4)	<b>3.4</b>	(1.5)	1.2	(1.6)	<b>-10.2</b>	(3.1)
	Netherlands	-0.7	(1.4)	<b>2.7</b>	(1.1)	1.5	(1.1)	0.9	(0.9)	1.6	(1.6)	0.8	(1.4)	0.9	(0.7)	1.1	(1.1)	0.3	(1.8)
	New Zealand	-3.6	(2.3)	3.0	(2.2)	-0.6	(2.2)	0.7	(2.0)	4.3	(3.1)	-4.2	(3.1)	0.3	(1.7)	1.4	(2.3)	5.6	(4.5)
Norway	<b>9.7</b>	(2.1)	<b>7.2</b>	(2.1)	<b>7.3</b>	(1.5)	<b>8.2</b>	(1.7)	-1.6	(2.5)	3.5	(3.7)	<b>8.1</b>	(1.4)	<b>7.8</b>	(2.1)	4.4	(4.0)	
Poland	-0.9	(2.9)	<b>6.0</b>	(2.8)	<b>9.4</b>	(2.6)	<b>12.4</b>	(2.2)	<b>13.3</b>	(3.7)	-0.6	(4.4)	<b>6.7</b>	(2.6)	<b>15.5</b>	(2.5)	<b>16.1</b>	(5.4)	
Portugal	<b>7.1</b>	(2.5)	<b>11.7</b>	(2.5)	<b>10.9</b>	(2.3)	<b>7.8</b>	(2.1)	0.6	(2.8)	<b>9.1</b>	(2.9)	<b>8.3</b>	(2.5)	<b>13.8</b>	(3.0)	4.7	(4.0)	
Slovak Republic	-3.9	(3.1)	2.4	(1.8)	<b>6.0</b>	(1.6)	<b>10.5</b>	(1.7)	<b>14.3</b>	(2.9)	<b>-8.9</b>	(3.3)	<b>8.0</b>	(1.6)	<b>9.4</b>	(1.8)	<b>18.3</b>	(3.6)	
Spain	0.2	(1.9)	1.9	(1.4)	2.2	(1.2)	1.7	(0.9)	1.5	(2.5)	1.4	(2.0)	2.2	(1.2)	0.6	(1.1)	-0.8	(2.5)	
Sweden	<b>10.9</b>	(2.4)	<b>14.6</b>	(2.2)	<b>12.4</b>	(2.2)	<b>10.1</b>	(2.0)	-0.8	(2.9)	<b>17.4</b>	(3.4)	<b>9.7</b>	(1.6)	<b>12.3</b>	(3.1)	-5.1	(4.8)	
Switzerland	4.9	(3.4)	5.2	(3.0)	<b>11.0</b>	(3.0)	4.8	(3.6)	-0.1	(3.9)	4.6	(5.7)	<b>6.7</b>	(2.8)	7.4	(5.4)	2.9	(7.3)	
Turkey	0.8	(0.5)	0.8	(0.9)	1.3	(1.1)	0.8	(2.2)	0.0	(2.4)	<b>2.3</b>	(0.8)	-0.1	(0.9)	1.0	(2.3)	-1.2	(2.6)	
United States	<b>49.7</b>	(2.1)	<b>62.0</b>	(1.7)	<b>70.1</b>	(1.5)	<b>75.3</b>	(1.3)	<b>25.6</b>	(2.6)	<b>52.0</b>	(1.9)	<b>65.9</b>	(1.4)	<b>72.7</b>	(1.6)	<b>20.7</b>	(2.6)	
OECD average 2003	<b>5.3</b>	(0.4)	<b>6.4</b>	(0.3)	<b>6.9</b>	(0.3)	<b>6.5</b>	(0.3)	<b>1.3</b>	(0.5)	<b>5.2</b>	(0.5)	<b>6.1</b>	(0.3)	<b>7.1</b>	(0.4)	<b>1.9</b>	(0.7)	
Partners	Brazil	<b>5.4</b>	(2.2)	<b>4.9</b>	(1.9)	0.4	(2.0)	0.8	(2.5)	-4.6	(3.1)	4.4	(2.6)	<b>4.7</b>	(1.8)	-3.0	(2.8)	-7.5	(3.9)
	Hong Kong-China	<b>15.2</b>	(1.6)	<b>10.1</b>	(2.0)	<b>4.2</b>	(1.2)	<b>2.7</b>	(0.9)	<b>-12.5</b>	(1.7)	<b>12.1</b>	(2.4)	<b>7.0</b>	(1.2)	<b>4.5</b>	(1.0)	<b>-7.6</b>	(2.6)
	Indonesia	1.1	(2.2)	<b>-6.7</b>	(2.4)	-3.5	(2.5)	-2.3	(4.3)	-3.4	(3.9)	3.1	(3.1)	-6.8	(3.7)	-3.8	(5.3)	-6.9	(5.4)
	Latvia	<b>12.9</b>	(3.0)	<b>18.4</b>	(2.6)	<b>20.3</b>	(2.1)	<b>26.4</b>	(2.3)	<b>13.5</b>	(3.7)	<b>17.5</b>	(4.9)	<b>20.7</b>	(2.0)	<b>19.8</b>	(2.3)	2.3	(5.7)
	Liechtenstein	<b>11.6</b>	(5.5)	-4.4	(2.8)	1.9	(4.0)	-8.9	(5.8)	<b>-20.5</b>	(8.3)	c	c	-3.6	(3.3)	c	c	c	c
	Macao-China	<b>8.3</b>	(3.5)	<b>6.8</b>	(3.0)	3.2	(2.8)	4.6	(2.7)	-3.7	(4.5)	<b>11.3</b>	(2.8)	1.6	(2.2)	2.2	(2.5)	<b>-9.2</b>	(3.7)
	Russian Federation	<b>-16.0</b>	(3.1)	<b>-9.3</b>	(2.6)	<b>-5.0</b>	(1.9)	0.9	(2.1)	<b>16.9</b>	(3.3)	<b>-18.3</b>	(4.6)	<b>-8.3</b>	(2.8)	0.8	(1.9)	<b>19.1</b>	(4.8)
	Thailand	<b>20.5</b>	(2.7)	<b>17.2</b>	(2.0)	<b>11.6</b>	(1.9)	<b>5.0</b>	(1.2)	<b>-15.5</b>	(2.9)	<b>17.8</b>	(2.6)	<b>15.2</b>	(2.0)	<b>4.8</b>	(1.3)	<b>-13.0</b>	(2.9)
	Tunisia	<b>3.1</b>	(1.4)	4.0	(2.2)	<b>-4.7</b>	(2.2)	<b>-16.5</b>	(2.9)	<b>-19.6</b>	(2.9)	1.3	(1.8)	-3.2	(2.1)	<b>-13.8</b>	(3.2)	<b>-15.1</b>	(3.4)
	Uruguay	<b>13.7</b>	(2.7)	4.8	(2.9)	1.5	(1.9)	<b>4.3</b>	(1.6)	<b>-9.4</b>	(2.8)	<b>12.9</b>	(2.4)	3.6	(2.6)	<b>8.8</b>	(2.1)	-4.2	(3.6)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the *PISA index of economic, social and cultural status*.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

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[Part 6/6]

## Change between 2003 and 2012 in years in pre-school, by school features

Table IV.3.51 Results based on students' self-reports


		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																						
		Percentage of students reporting that they had attended pre-primary education (ISCED 0) for more than one year																						
		Public schools		Private schools		Difference between private and public schools (priv. - pub.)		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Difference between ISCED 3 and ISCED 2 (ISCED 3 - ISCED 2)		Schools located in a village, hamlet or rural area (fewer than 3 000 people)		Schools located in a small town or town (3 000 to about 100 000 people)		Schools located in a city or a large city (over 100 000 people)		Difference between rural area and town (town - rural)		Difference between town and a city (town - city)		
		% dif.	S.E.	% dif.	S.E.	Dif. in % dif.	S.E.	% dif.	S.E.	% dif.	S.E.	Dif. in % dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	Dif. in % dif.	S.E.	Dif. in % dif.	S.E.	
OECD	Australia	c	c	c	c	c	c	<b>6.8</b>	(1.0)	2.2	(1.9)	<b>-4.6</b>	(2.0)	5.2	(4.3)	<b>5.8</b>	(1.8)	<b>6.0</b>	(1.3)	0.6	(4.6)	-0.2	(2.5)	
	Austria	7.7	(1.4)	5.8	(3.7)	-1.8	(4.0)	8.3	(6.0)	<b>7.6</b>	(1.4)	-0.6	(5.4)	<b>9.0</b>	(4.4)	<b>7.1</b>	(1.9)	<b>8.3</b>	(2.2)	-1.9	(5.0)	-1.2	(2.7)	
	Belgium	-1.8	(1.3)	-0.7	(0.6)	1.1	(1.5)	4.1	(3.7)	0.5	(0.4)	-3.6	(3.6)	-2.2	(5.8)	-0.9	(0.6)	-0.7	(1.5)	1.2	(4.8)	-0.3	(1.7)	
	Canada	<b>5.4</b>	(1.0)	4.0	(4.0)	-1.4	(4.1)	<b>5.3</b>	(1.8)	<b>4.3</b>	(1.1)	-1.0	(2.1)	6.4	(3.4)	1.6	(1.9)	<b>5.1</b>	(1.6)	-4.8	(3.9)	-3.5	(2.9)	
	Czech Republic	<b>9.0</b>	(1.2)	7.2	(4.4)	-1.8	(4.2)	<b>8.3</b>	(1.8)	<b>10.1</b>	(1.2)	1.8	(2.1)	7.7	(5.5)	<b>8.6</b>	(1.4)	<b>10.3</b>	(2.4)	0.9	(5.5)	-1.7	(2.6)	
	Denmark	<b>11.9</b>	(1.4)	<b>16.5</b>	(2.4)	4.6	(3.1)	<b>13.0</b>	(1.2)	<b>31.6</b>	(7.4)	<b>18.7</b>	(7.5)	<b>17.0</b>	(2.8)	<b>13.0</b>	(1.7)	<b>8.1</b>	(2.9)	-4.1	(3.6)	4.9	(3.5)	
	Finland	<b>-4.2</b>	(1.4)	6.6	(5.2)	<b>10.8</b>	(5.4)	<b>-4.1</b>	(1.4)	c	c	c	c	-4.2	(7.1)	<b>-7.9</b>	(1.6)	0.4	(2.0)	-3.7	(7.1)	<b>-8.3</b>	(2.6)	
	France	c	c	c	c	c	c	<b>-6.7</b>	(1.6)	<b>-1.1</b>	(0.5)	<b>5.6</b>	(1.5)	c	c	c	c	c	c	c	c	c	c	
	Germany	2.7	(1.1)	0.2	(4.4)	-2.6	(4.2)	<b>2.5</b>	(0.9)	8.6	(6.8)	6.1	(6.7)	c	c	1.8	(1.3)	4.2	(2.3)	c	c	c	-2.4	(2.5)
	Greece	<b>6.6</b>	(1.8)	c	c	c	c	-5.1	(4.8)	<b>6.1</b>	(1.8)	<b>11.2</b>	(5.3)	13.8	(7.8)	<b>5.0</b>	(2.1)	<b>7.3</b>	(3.7)	-8.8	(8.4)	-2.3	(4.4)	
	Hungary	<b>1.3</b>	(0.6)	2.1	(1.5)	0.8	(1.6)	2.5	(2.6)	<b>1.5</b>	(0.5)	-0.9	(2.8)	6.6	(4.0)	<b>1.9</b>	(0.8)	0.2	(0.8)	-4.7	(4.6)	1.6	(1.1)	
	Iceland	<b>5.9</b>	(0.7)	c	c	c	c	<b>5.8</b>	(0.6)	c	c	c	c	<b>11.0</b>	(1.6)	<b>5.7</b>	(0.8)	0.8	(1.4)	<b>-5.3</b>	(1.7)	<b>4.9</b>	(1.6)	
	Ireland	<b>12.1</b>	(2.2)	<b>8.9</b>	(2.1)	-3.2	(3.2)	<b>12.9</b>	(1.8)	<b>6.3</b>	(2.0)	<b>-6.7</b>	(2.3)	<b>16.2</b>	(2.8)	<b>10.3</b>	(1.9)	<b>6.8</b>	(2.8)	-5.9	(3.2)	3.5	(3.1)	
	Italy	1.1	(0.8)	-3.8	(2.5)	<b>-4.9</b>	(2.5)	1.6	(9.2)	1.1	(0.7)	-0.5	(9.8)	-5.4	(7.3)	1.4	(0.8)	0.6	(1.3)	6.8	(7.1)	0.9	(1.6)	
	Japan	-0.2	(0.5)	-0.3	(0.5)	-0.1	(0.8)	c	c	-0.2	(0.4)	c	c	c	c	0.2	(0.7)	-0.4	(0.4)	c	c	c	0.6	(0.8)
	Korea	<b>-3.1</b>	(1.6)	<b>-4.0</b>	(1.5)	-0.9	(2.2)	-8.3	(6.9)	<b>-3.4</b>	(1.1)	4.9	(7.1)	c	c	-0.6	(4.5)	<b>-4.6</b>	(1.0)	c	c	c	4.0	(4.9)
	Luxembourg	<b>4.8</b>	(1.0)	<b>-5.7</b>	(2.1)	<b>-10.4</b>	(2.3)	1.2	(1.1)	<b>6.1</b>	(1.4)	<b>4.9</b>	(1.9)	c	c	<b>3.3</b>	(0.9)	c	c	c	c	c	c	
	Mexico	<b>7.1</b>	(1.4)	<b>4.8</b>	(2.4)	-2.3	(2.8)	<b>5.1</b>	(2.4)	<b>4.3</b>	(1.1)	-0.8	(2.7)	<b>14.3</b>	(3.4)	<b>3.6</b>	(1.7)	2.3	(1.6)	<b>-10.6</b>	(3.8)	1.3	(2.6)	
	Netherlands	<b>3.0</b>	(1.4)	0.3	(0.6)	-2.7	(1.7)	1.2	(0.6)	<b>0.6</b>	(1.0)	-0.6	(1.1)	c	c	0.8	(0.7)	0.9	(1.2)	c	c	c	-0.1	(1.3)
	New Zealand	-0.7	(1.2)	4.5	(5.9)	5.3	(5.9)	<b>-13.1</b>	(4.2)	0.4	(1.1)	<b>13.5</b>	(4.5)	-2.4	(4.7)	0.9	(2.0)	-0.6	(1.9)	3.3	(5.5)	1.5	(2.8)	
Norway	<b>7.9</b>	(1.2)	c	c	c	c	<b>7.9</b>	(1.2)	c	c	c	c	<b>6.1</b>	(2.5)	<b>9.3</b>	(1.6)	3.8	(2.8)	3.2	(2.7)	5.5	(3.3)		
Poland	<b>6.3</b>	(2.0)	c	c	c	c	<b>6.5</b>	(2.0)	c	c	c	c	-3.0	(4.0)	<b>10.8</b>	(2.6)	<b>12.8</b>	(3.0)	<b>13.8</b>	(4.7)	-2.1	(3.2)		
Portugal	<b>8.3</b>	(1.7)	<b>17.2</b>	(5.6)	8.9	(6.4)	<b>5.5</b>	(2.4)	<b>13.3</b>	(2.1)	<b>7.8</b>	(3.1)	4.7	(7.0)	<b>10.1</b>	(2.0)	8.4	(4.3)	5.4	(7.0)	1.7	(5.2)		
Slovak Republic	3.7	(1.5)	4.7	(5.5)	1.0	(5.8)	1.2	(2.5)	<b>6.3</b>	(1.5)	5.0	(2.8)	-4.6	(5.2)	<b>4.2</b>	(1.5)	<b>10.9</b>	(2.2)	8.8	(4.5)	<b>-6.7</b>	(2.9)		
Spain	1.5	(1.1)	<b>2.2</b>	(0.9)	0.6	(1.5)	1.5	(0.8)	c	c	c	c	4.9	(3.1)	0.9	(1.0)	1.6	(1.6)	-4.0	(3.4)	-0.7	(2.0)		
Sweden	<b>11.3</b>	(1.5)	<b>14.2</b>	(3.0)	2.9	(3.2)	<b>12.2</b>	(1.4)	-6.7	(10.2)	-18.9	(10.6)	<b>13.5</b>	(2.8)	<b>12.3</b>	(1.9)	<b>8.9</b>	(2.5)	-1.2	(3.2)	3.5	(3.1)		
Switzerland	<b>5.7</b>	(2.8)	<b>15.6</b>	(6.9)	9.9	(7.3)	<b>8.7</b>	(2.8)	-2.9	(5.1)	-11.6	(6.2)	8.7	(9.0)	5.6	(3.4)	3.0	(3.7)	-3.2	(10.8)	2.6	(5.5)		
Turkey	1.2	(1.0)	c	c	c	c	1.7	(2.7)	0.6	(1.1)	-1.0	(3.2)	c	c	2.4	(1.5)	-0.7	(1.4)	c	c	3.1	(2.2)		
United States	<b>64.3</b>	(1.1)	<b>76.9</b>	(3.4)	<b>12.7</b>	(4.5)	<b>55.5</b>	(2.8)	<b>66.7</b>	(1.1)	<b>11.2</b>	(2.9)	<b>64.1</b>	(3.8)	<b>66.7</b>	(1.5)	<b>63.4</b>	(1.6)	2.5	(4.1)	3.2	(2.1)		
OECD average 2003	<b>6.6</b>	(0.3)	<b>8.1</b>	(0.8)	1.2	(0.8)	<b>5.1</b>	(0.6)	<b>6.8</b>	(0.7)	1.7	(1.0)	<b>8.5</b>	(1.1)	<b>6.6</b>	(0.3)	<b>6.2</b>	(0.4)	-0.5	(1.1)	0.5	(0.6)		
Partners	Brazil	1.8	(1.7)	3.2	(3.4)	1.5	(3.9)	3.0	(2.3)	-1.1	(1.7)	-4.0	(2.9)	7.1	(10.2)	0.3	(2.0)	3.3	(2.1)	-6.7	(10.2)	-3.0	(3.0)	
	Hong Kong-China	<b>6.7</b>	(1.9)	<b>8.2</b>	(1.1)	1.5	(2.6)	<b>15.4</b>	(2.1)	<b>1.8</b>	(0.5)	<b>-13.7</b>	(2.1)	c	c	c	c	<b>8.0</b>	(1.0)	c	c	c		
	Indonesia	-3.8	(2.4)	-1.4	(3.7)	2.4	(4.2)	-0.4	(2.7)	<b>-7.4</b>	(3.2)	-7.0	(3.6)	-3.7	(5.1)	-3.5	(3.9)	0.9	(5.6)	0.2	(7.1)	-4.4	(7.2)	
	Latvia	<b>19.7</b>	(1.5)	c	c	c	c	<b>20.7</b>	(1.5)	-3.5	(5.4)	<b>-24.2</b>	(5.7)	<b>20.7</b>	(4.2)	<b>20.4</b>	(2.1)	<b>15.2</b>	(2.0)	-0.3	(4.7)	5.2	(2.8)	
	Liechtenstein	0.0	(2.4)	c	c	c	c	-0.7	(2.6)	c	c	c	c	c	c	-0.1	(2.4)	c	c	c	c	c		
	Macao-China	c	c	<b>5.5</b>	(1.5)	c	c	<b>5.4</b>	(1.8)	0.9	(2.5)	-4.5	(3.1)	c	c	c	c	<b>5.7</b>	(1.4)	c	c	c		
	Russian Federation	<b>-7.3</b>	(1.9)	c	c	c	c	-1.3	(2.4)	<b>-16.9</b>	(2.6)	<b>-15.6</b>	(2.8)	<b>-16.7</b>	(4.7)	<b>-7.8</b>	(3.0)	-1.5	(1.6)	8.9	(5.1)	-6.3	(3.4)	
	Thailand	<b>14.0</b>	(1.4)	<b>10.1</b>	(3.2)	-3.8	(3.5)	<b>9.7</b>	(2.3)	<b>13.6</b>	(1.3)	3.9	(2.3)	<b>15.2</b>	(3.4)	<b>15.5</b>	(2.2)	<b>6.4</b>	(1.8)	0.2	(4.3)	<b>9.1</b>	(3.0)	
	Tunisia	c	c	c	c	c	c	-2.3	(1.8)	<b>-12.1</b>	(2.6)	<b>-9.8</b>	(2.7)	1.4	(7.2)	-3.1	(1.9)	<b>-12.0</b>	(4.4)	-4.5	(7.7)	8.9	(5.5)	
	Uruguay	<b>5.5</b>	(1.7)	<b>4.2</b>	(1.9)	-1.3	(2.8)	<b>6.2</b>	(2.1)	<b>8.2</b>	(1.7)	2.0	(2.6)	16.5	(8.6)	<b>6.7</b>	(2.2)	<b>5.1</b>	(2.1)	-9.8	(9.0)	1.6	(3.2)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

ESCS refers to the PISA index of economic, social and cultural status.

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. A socio-economically disadvantaged school is one whose students' mean socio-economic status (ESCS) is statistically significantly below the mean socio-economic status of the country/economy; an average school is one where there is no difference from the country's/economy's mean; and an advantaged school is one whose students' mean socio-economic status is statistically significantly above the country/economy mean.

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[Part 1/2]  
**Index of school responsibility for resource allocation and mathematics performance**  
 Results based on school principals' reports

Table IV.4.1

	Index of school responsibility for resource allocation										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.06	(0.03)	-0.61	(0.01)	-0.43	(0.01)	-0.15	(0.02)	1.44	(0.10)	1.00	(0.03)
Austria	-0.56	(0.03)	-0.72	(0.01)	-0.67	(0.01)	-0.58	(0.01)	-0.26	(0.12)	0.37	(0.14)
Belgium	-0.29	(0.01)	-0.67	(0.02)	-0.40	(0.02)	-0.10	(0.02)	0.01	(0.02)	0.29	(0.02)
Canada	-0.35	(0.03)	-0.67	(0.01)	-0.55	(0.00)	-0.45	(0.01)	0.26	(0.10)	0.61	(0.06)
Chile	0.57	(0.07)	-0.75	(0.01)	-0.34	(0.06)	0.91	(0.17)	2.46	(0.11)	1.29	(0.04)
Czech Republic	1.22	(0.10)	-0.36	(0.02)	0.28	(0.14)	2.26	(0.25)	2.71	(0.00)	1.36	(0.02)
Denmark	0.18	(0.06)	-0.40	(0.01)	-0.21	(0.04)	-0.01	(0.02)	1.34	(0.22)	0.88	(0.07)
Estonia	0.14	(0.04)	-0.34	(0.01)	-0.13	(0.02)	-0.01	(0.01)	1.05	(0.16)	0.75	(0.06)
Finland	-0.28	(0.02)	-0.63	(0.01)	-0.44	(0.02)	-0.34	(0.01)	0.29	(0.07)	0.55	(0.04)
France	-0.54	(0.01)	-0.77	(0.01)	-0.62	(0.02)	-0.53	(0.01)	-0.25	(0.05)	0.31	(0.06)
Germany	-0.58	(0.01)	-0.74	(0.01)	-0.65	(0.01)	-0.56	(0.01)	-0.38	(0.01)	0.14	(0.01)
Greece	-0.70	(0.01)	-0.79	(0.00)	-0.77	(0.00)	-0.71	(0.01)	-0.53	(0.02)	0.16	(0.02)
Hungary	0.46	(0.10)	-0.50	(0.03)	-0.22	(0.05)	0.26	(0.14)	2.31	(0.23)	1.15	(0.07)
Iceland	-0.04	(0.00)	-0.42	(0.00)	-0.24	(0.00)	-0.04	(0.00)	0.54	(0.02)	0.61	(0.01)
Ireland	-0.43	(0.02)	-0.72	(0.01)	-0.54	(0.03)	-0.35	(0.02)	-0.09	(0.02)	0.25	(0.01)
Israel	-0.24	(0.04)	-0.61	(0.01)	-0.46	(0.02)	-0.33	(0.02)	0.44	(0.15)	0.60	(0.09)
Italy	-0.59	(0.02)	-0.79	(0.00)	-0.76	(0.01)	-0.69	(0.00)	-0.10	(0.07)	0.57	(0.05)
Japan	-0.27	(0.04)	-0.73	(0.01)	-0.70	(0.00)	-0.53	(0.03)	0.89	(0.13)	0.76	(0.06)
Korea	-0.44	(0.05)	-0.77	(0.01)	-0.67	(0.02)	-0.49	(0.04)	0.19	(0.18)	0.58	(0.12)
Luxembourg	-0.20	(0.00)	-0.65	(0.00)	-0.54	(0.00)	-0.44	(0.00)	0.84	(0.01)	0.78	(0.00)
Mexico	-0.31	(0.02)	-0.79	(0.00)	-0.70	(0.01)	-0.51	(0.01)	0.75	(0.08)	0.84	(0.04)
Netherlands	1.26	(0.10)	-0.21	(0.07)	0.64	(0.15)	1.91	(0.22)	2.71	(0.01)	1.16	(0.03)
New Zealand	0.11	(0.05)	-0.33	(0.02)	-0.14	(0.03)	0.00	(0.03)	0.90	(0.17)	0.67	(0.08)
Norway	-0.18	(0.03)	-0.50	(0.02)	-0.36	(0.01)	-0.16	(0.04)	0.29	(0.10)	0.43	(0.08)
Poland	-0.34	(0.02)	-0.59	(0.01)	-0.48	(0.03)	-0.36	(0.01)	0.08	(0.06)	0.44	(0.03)
Portugal	-0.48	(0.03)	-0.78	(0.01)	-0.65	(0.03)	-0.51	(0.02)	0.03	(0.11)	0.50	(0.09)
Slovak Republic	0.78	(0.09)	-0.38	(0.04)	-0.04	(0.04)	0.83	(0.30)	2.71	(0.03)	1.25	(0.04)
Slovenia	-0.11	(0.02)	-0.48	(0.00)	-0.35	(0.00)	-0.19	(0.00)	0.57	(0.06)	0.66	(0.03)
Spain	-0.42	(0.03)	-0.78	(0.00)	-0.72	(0.01)	-0.52	(0.02)	0.32	(0.11)	0.61	(0.08)
Sweden	0.63	(0.07)	-0.35	(0.02)	-0.10	(0.03)	0.46	(0.10)	2.50	(0.19)	1.16	(0.05)
Switzerland	-0.13	(0.04)	-0.57	(0.02)	-0.37	(0.01)	-0.20	(0.03)	0.60	(0.14)	0.63	(0.06)
Turkey	-0.72	(0.01)	-0.80	(0.00)	-0.77	(0.00)	-0.74	(0.01)	-0.59	(0.02)	0.09	(0.01)
United Kingdom	1.10	(0.08)	-0.37	(0.03)	0.40	(0.10)	1.68	(0.22)	2.71	(0.00)	1.24	(0.03)
United States	0.08	(0.06)	-0.56	(0.02)	-0.40	(0.02)	-0.17	(0.12)	1.47	(0.15)	0.86	(0.05)
OECD average	-0.05	(0.01)	-0.59	(0.00)	-0.39	(0.01)	-0.04	(0.02)	0.83	(0.02)	0.69	(0.01)
<b>Partners</b>												
Albania	-0.60	(0.04)	-0.79	(0.00)	-0.77	(0.00)	-0.70	(0.02)	-0.13	(0.14)	0.50	(0.11)
Argentina	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	-0.32	(0.04)	-0.80	(0.00)	-0.80	(0.00)	-0.72	(0.02)	1.02	(0.16)	1.02	(0.05)
Bulgaria	0.86	(0.10)	-0.22	(0.03)	0.25	(0.09)	0.84	(0.14)	2.58	(0.20)	1.08	(0.05)
Colombia	-0.36	(0.04)	-0.79	(0.00)	-0.76	(0.01)	-0.64	(0.02)	0.75	(0.14)	0.92	(0.06)
Costa Rica	-0.36	(0.04)	-0.78	(0.00)	-0.72	(0.02)	-0.58	(0.01)	0.66	(0.16)	0.89	(0.07)
Croatia	-0.34	(0.03)	-0.60	(0.02)	-0.42	(0.02)	-0.31	(0.02)	0.00	(0.08)	0.32	(0.10)
Cyprus*	-0.35	(0.00)	-0.80	(0.00)	-0.79	(0.00)	-0.66	(0.00)	0.86	(0.00)	0.94	(0.00)
Hong Kong-China	0.42	(0.09)	-0.33	(0.02)	-0.03	(0.02)	0.17	(0.05)	1.87	(0.31)	0.99	(0.09)
Indonesia	0.33	(0.09)	-0.70	(0.02)	-0.53	(0.03)	0.25	(0.20)	2.32	(0.15)	1.26	(0.05)
Jordan	-0.51	(0.03)	-0.79	(0.00)	-0.77	(0.01)	-0.63	(0.02)	0.14	(0.10)	0.65	(0.05)
Kazakhstan	-0.33	(0.04)	-0.61	(0.01)	-0.56	(0.00)	-0.43	(0.03)	0.28	(0.17)	0.56	(0.12)
Latvia	0.60	(0.08)	-0.30	(0.02)	-0.04	(0.02)	0.46	(0.11)	2.26	(0.21)	1.06	(0.05)
Liechtenstein	-0.08	(0.02)	c	c	c	c	-0.38	(0.01)	1.19	(0.06)	0.89	(0.02)
Lithuania	0.78	(0.08)	-0.38	(0.03)	-0.02	(0.06)	0.89	(0.21)	2.62	(0.06)	1.20	(0.04)
Macao-China	1.64	(0.00)	-0.25	(0.00)	1.41	(0.00)	2.68	(0.00)	2.71	(0.00)	1.25	(0.00)
Malaysia	-0.49	(0.03)	-0.75	(0.01)	-0.60	(0.02)	-0.56	(0.00)	-0.04	(0.12)	0.52	(0.10)
Montenegro	-0.33	(0.00)	-0.58	(0.00)	-0.47	(0.00)	-0.36	(0.00)	0.07	(0.00)	0.50	(0.00)
Peru	0.18	(0.07)	-0.78	(0.01)	-0.61	(0.02)	-0.41	(0.07)	2.50	(0.22)	1.38	(0.04)
Qatar	-0.37	(0.00)	-0.68	(0.00)	-0.41	(0.00)	-0.36	(0.00)	-0.04	(0.00)	0.36	(0.00)
Romania	-0.57	(0.02)	-0.79	(0.01)	-0.70	(0.02)	-0.57	(0.02)	-0.23	(0.06)	0.28	(0.06)
Russian Federation	0.03	(0.07)	-0.52	(0.02)	-0.34	(0.03)	-0.07	(0.04)	1.04	(0.22)	0.77	(0.08)
Serbia	-0.39	(0.02)	-0.64	(0.02)	-0.50	(0.02)	-0.37	(0.01)	-0.07	(0.06)	0.30	(0.06)
Shanghai-China	-0.28	(0.05)	-0.75	(0.01)	-0.58	(0.03)	-0.37	(0.03)	0.56	(0.18)	0.67	(0.10)
Singapore	-0.36	(0.01)	-0.70	(0.00)	-0.57	(0.00)	-0.46	(0.00)	0.29	(0.06)	0.69	(0.03)
Chinese Taipei	0.07	(0.06)	-0.64	(0.02)	-0.39	(0.02)	-0.18	(0.04)	1.50	(0.20)	1.01	(0.06)
Thailand	0.70	(0.08)	-0.47	(0.03)	-0.04	(0.06)	0.74	(0.17)	2.59	(0.11)	1.20	(0.04)
Tunisia	-0.20	(0.06)	-0.75	(0.01)	-0.66	(0.02)	-0.41	(0.09)	1.01	(0.18)	0.82	(0.08)
United Arab Emirates	0.39	(0.05)	-0.78	(0.01)	-0.52	(0.02)	0.57	(0.14)	2.27	(0.07)	1.25	(0.03)
Uruguay	-0.46	(0.04)	-0.80	(0.00)	-0.79	(0.01)	-0.69	(0.01)	0.42	(0.15)	0.72	(0.07)
Viet Nam	-0.43	(0.06)	-0.80	(0.00)	-0.72	(0.02)	-0.58	(0.03)	0.39	(0.21)	0.72	(0.11)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of school responsibility for resource allocation and mathematics performance

Table IV.4.1 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter		Score dif.	S.E.	Ratio	S.E.	%	S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>489</b>	(3.9)	491	(4.6)	507	(3.2)	<b>531</b>	(3.3)	<b>17.0</b>	(1.6)	<b>1.4</b>	(0.1)	3.2	(0.6)
Austria	522	(7.7)	482	(7.4)	519	(7.4)	500	(9.1)	0.8	(10.1)	<b>0.7</b>	(0.1)	0.0	(0.1)
Belgium	<b>485</b>	(6.9)	511	(6.9)	532	(5.6)	<b>531</b>	(6.4)	<b>65.8</b>	(13.9)	<b>1.5</b>	(0.2)	3.5	(1.3)
Canada	<b>506</b>	(3.8)	520	(4.3)	513	(3.7)	<b>533</b>	(3.6)	<b>19.1</b>	(3.2)	<b>1.2</b>	(0.1)	1.7	(0.6)
Chile	<b>382</b>	(4.5)	418	(7.6)	428	(6.8)	<b>463</b>	(5.8)	<b>22.0</b>	(2.4)	<b>2.1</b>	(0.2)	12.4	(2.5)
Czech Republic	507	(8.9)	508	(8.7)	493	(6.2)	487	(7.1)	-7.1	(3.3)	0.8	(0.1)	1.0	(0.9)
Denmark	504	(3.9)	495	(4.7)	494	(5.2)	510	(5.4)	<b>5.3</b>	(2.6)	0.9	(0.1)	0.3	(0.3)
Estonia	509	(4.6)	526	(4.0)	524	(4.5)	522	(4.5)	2.3	(3.8)	<b>1.2</b>	(0.1)	0.1	(0.2)
Finland	515	(4.0)	516	(5.0)	526	(3.5)	517	(3.5)	<b>7.5</b>	(3.1)	1.0	(0.1)	0.2	(0.2)
France	497	(8.8)	491	(8.3)	499	(7.0)	493	(7.2)	<b>-23.9</b>	(11.2)	1.0	(0.2)	0.6	(0.5)
Germany	516	(8.8)	514	(7.6)	510	(7.2)	514	(8.5)	-7.2	(31.7)	1.0	(0.2)	0.0	(0.2)
Greece	449	(7.0)	447	(5.5)	452	(5.8)	464	(6.3)	34.9	(27.2)	1.1	(0.2)	0.4	(0.6)
Hungary	467	(9.3)	479	(9.5)	485	(10.8)	477	(11.9)	0.3	(5.4)	1.2	(0.2)	0.0	(0.4)
Iceland	496	(3.4)	495	(3.2)	491	(3.4)	493	(3.4)	-0.4	(2.2)	1.0	(0.1)	0.0	(0.0)
Ireland	487	(7.1)	512	(8.0)	508	(6.2)	502	(6.0)	23.1	(12.9)	<b>1.4</b>	(0.2)	0.5	(0.5)
Israel	459	(9.1)	459	(11.3)	476	(9.0)	471	(12.5)	-3.7	(10.8)	1.1	(0.2)	0.0	(0.4)
Italy	<b>488</b>	(4.2)	495	(3.8)	486	(4.8)	<b>473</b>	(4.6)	-5.3	(3.7)	0.9	(0.1)	0.1	(0.2)
Japan	535	(6.6)	527	(5.8)	544	(9.3)	539	(11.3)	10.7	(6.2)	1.0	(0.1)	0.8	(0.9)
Korea	540	(8.2)	550	(9.6)	557	(9.8)	568	(11.2)	7.7	(13.5)	1.2	(0.2)	0.2	(0.8)
Luxembourg	<b>507</b>	(1.8)	503	(2.1)	483	(2.4)	<b>466</b>	(2.0)	<b>-8.2</b>	(1.2)	<b>0.8</b>	(0.0)	0.4	(0.1)
Mexico	<b>393</b>	(2.79)	398	(3.05)	418	(3.4)	<b>444</b>	(2.8)	<b>18.6</b>	(1.9)	<b>1.6</b>	(0.1)	4.5	(0.9)
Netherlands	524	(12.3)	517	(9.8)	516	(8.3)	536	(10.9)	1.6	(5.7)	0.9	(0.2)	0.0	(0.4)
New Zealand	488	(6.5)	498	(7.5)	503	(6.4)	510	(8.6)	<b>11.9</b>	(5.8)	1.2	(0.1)	0.6	(0.6)
Norway	488	(5.7)	484	(5.5)	491	(5.4)	495	(5.3)	<b>14.3</b>	(5.7)	1.0	(0.1)	0.5	(0.5)
Poland	519	(6.5)	525	(9.6)	516	(6.4)	511	(5.4)	3.7	(4.6)	0.9	(0.1)	0.0	(0.1)
Portugal	482	(9.1)	482	(7.7)	484	(10.6)	500	(7.9)	<b>29.4</b>	(5.7)	1.1	(0.2)	2.4	(0.9)
Slovak Republic	484	(9.6)	480	(11.9)	491	(14.3)	471	(10.6)	-3.4	(4.5)	0.8	(0.1)	0.2	(0.4)
Slovenia	510	(3.1)	484	(3.4)	508	(2.7)	502	(2.7)	<b>5.3</b>	(2.5)	0.9	(0.1)	0.1	(0.1)
Spain	<b>471</b>	(3.3)	471	(4.0)	479	(3.7)	<b>516</b>	(2.8)	<b>24.2</b>	(4.5)	<b>1.3</b>	(0.1)	2.8	(0.6)
Sweden	475	(4.7)	475	(6.5)	478	(4.6)	485	(4.8)	3.5	(2.1)	1.0	(0.1)	0.2	(0.2)
Switzerland	520	(5.0)	551	(7.9)	533	(7.7)	523	(7.6)	<b>-11.2</b>	(5.4)	1.2	(0.1)	0.6	(0.6)
Turkey	454	(12.9)	450	(8.9)	447	(8.7)	440	(8.1)	-51.2	(57.9)	1.0	(0.1)	0.3	(0.7)
United Kingdom	<b>484</b>	(3.8)	485	(6.4)	494	(10.1)	<b>513</b>	(7.0)	<b>8.0</b>	(3.0)	1.1	(0.1)	1.1	(0.8)
United States	469	(9.8)	481	(8.1)	489	(7.6)	486	(6.4)	5.5	(4.1)	1.3	(0.2)	0.3	(0.5)
OECD average	<b>489</b>	(1.2)	492	(1.2)	496	(1.2)	<b>500</b>	(1.2)	<b>6.5</b>	(2.4)	<b>1.1</b>	(0.0)	1.1	(0.1)
<b>Partners</b>	394	(4.4)	396	(4.6)	389	(3.5)	398	(4.5)	<b>7.6</b>	(3.4)	0.9	(0.1)	0.2	(0.1)
Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	375	(3.5)	374	(2.8)	382	(3.7)	<b>433</b>	(5.9)	<b>27.8</b>	(2.9)	<b>1.2</b>	(0.1)	13.3	(2.0)
Brazil	<b>430</b>	(8.9)	423	(10.4)	442	(10.4)	<b>460</b>	(9.9)	<b>11.9</b>	(4.5)	1.2	(0.2)	1.9	(1.4)
Bulgaria	375	(4.1)	369	(4.7)	362	(5.6)	<b>399</b>	(8.0)	<b>17.3</b>	(4.8)	0.9	(0.1)	4.6	(2.5)
Colombia	<b>397</b>	(5.4)	393	(6.5)	392	(4.8)	<b>446</b>	(8.8)	<b>24.9</b>	(3.1)	1.2	(0.2)	10.3	(3.1)
Costa Rica	474	(9.2)	477	(7.0)	469	(9.6)	465	(8.9)	-8.5	(14.2)	0.9	(0.2)	0.1	(0.3)
Croatia	<b>431</b>	(2.7)	420	(2.5)	434	(2.3)	<b>471</b>	(2.3)	<b>24.3</b>	(1.1)	1.1	(0.1)	6.1	(0.6)
Cyprus*	570	(10.8)	565	(11.5)	560	(8.5)	550	(12.4)	-4.7	(6.5)	0.9	(0.2)	0.2	(0.7)
Hong Kong-China	391	(9.1)	369	(5.8)	358	(6.4)	383	(11.3)	1.5	(4.2)	<b>0.7</b>	(0.1)	0.1	(0.6)
Indonesia	<b>373</b>	(5.6)	371	(5.0)	385	(4.8)	<b>413</b>	(9.2)	<b>29.8</b>	(9.5)	1.3	(0.1)	6.2	(3.5)
Jordan	434	(5.4)	431	(5.4)	429	(7.1)	433	(8.3)	6.9	(9.1)	0.9	(0.1)	0.3	(0.9)
Kazakhstan	492	(6.5)	483	(5.6)	489	(5.7)	498	(6.1)	3.3	(2.7)	1.1	(0.1)	0.2	(0.3)
Latvia	c	c	c	c	514	(9.2)	<b>479</b>	(8.9)	<b>-33.2</b>	(4.8)	1.1	(0.2)	9.7	(2.7)
Liechtenstein	474	(7.2)	481	(7.5)	483	(7.2)	478	(6.9)	0.2	(2.8)	1.1	(0.1)	0.0	(0.1)
Lithuania	<b>543</b>	(1.9)	545	(2.4)	534	(2.4)	<b>530</b>	(2.2)	<b>-3.4</b>	(0.7)	1.0	(0.1)	0.2	(0.1)
Macao-China	428	(7.0)	415	(7.2)	413	(5.7)	426	(8.2)	<b>27.9</b>	(8.4)	0.9	(0.1)	3.2	(2.6)
Malaysia	<b>411</b>	(2.6)	421	(3.3)	408	(2.4)	<b>399</b>	(2.3)	<b>-14.8</b>	(2.1)	0.9	(0.1)	0.8	(0.2)
Montenegro	<b>345</b>	(6.4)	351	(6.1)	353	(6.4)	<b>423</b>	(9.4)	<b>24.0</b>	(2.7)	<b>1.4</b>	(0.2)	15.4	(3.1)
Peru	<b>337</b>	(1.4)	394	(2.2)	398	(2.1)	<b>376</b>	(2.0)	<b>20.2</b>	(2.0)	<b>1.6</b>	(0.1)	0.5	(0.1)
Qatar	431	(7.3)	437	(9.8)	465	(8.8)	446	(8.9)	16.8	(16.3)	1.2	(0.2)	0.3	(0.6)
Romania	<b>470</b>	(5.8)	476	(8.7)	489	(5.9)	<b>495</b>	(7.0)	8.6	(5.3)	1.2	(0.2)	0.6	(0.7)
Russian Federation	447	(10.7)	456	(8.8)	450	(7.2)	441	(7.8)	-0.4	(13.2)	1.1	(0.2)	0.0	(0.2)
Serbia	605	(10.1)	603	(12.3)	623	(10.8)	620	(9.7)	3.5	(6.7)	1.1	(0.2)	0.1	(0.2)
Shanghai-China	<b>567</b>	(2.6)	554	(2.7)	567	(3.2)	<b>605</b>	(3.3)	<b>34.3</b>	(5.4)	1.0	(0.1)	5.0	(1.1)
Singapore	570	(11.1)	581	(8.8)	568	(9.1)	<b>515</b>	(9.6)	<b>-28.3</b>	(4.9)	0.9	(0.1)	6.2	(2.0)
Chinese Taipei	417	(7.9)	446	(8.9)	424	(8.4)	421	(6.8)	-2.5	(2.8)	1.3	(0.2)	0.1	(0.3)
Thailand	393	(8.9)	403	(10.6)	380	(7.8)	376	(9.1)	-4.9	(5.6)	0.9	(0.2)	0.3	(0.6)
Tunisia	<b>395</b>	(3.1)	414	(4.8)	455	(6.9)	<b>473</b>	(5.9)	<b>22.8</b>	(2.1)	<b>1.9</b>	(0.1)	10.1	(1.6)
United Arab Emirates	<b>391</b>	(4.9)	390	(6.6)	394	(6.2)	<b>462</b>	(9.0)	<b>43.1</b>	(6.8)	<b>1.3</b>	(0.1)	12.3	(2.6)
Uruguay	503	(9.7)	496	(12.1)	526	(12.2)	520	(9.5)	8.5	(4.7)	1.1	(0.2)	0.5	(0.6)
Viet Nam														

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**School responsibility for resource allocation, curriculum and assessment,  
 by type of school and education level**

Table IV.4.2 Results based on school principals' reports

	Index of school responsibility for resource allocation								Index of school responsibility for curriculum and assessment								
	Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		Public schools		Private schools		Lower secondary education (ISCED 2)		Upper secondary education (ISCED 3)		
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
<b>OECD</b>																	
Australia	<b>-0.43</b> (0.02)		<b>0.77</b> (0.06)		0.05 (0.03)		0.11 (0.05)		<b>-0.06</b> (0.04)		<b>0.40</b> (0.06)		0.14 (0.04)		0.08 (0.05)		
Austria	<b>-0.57</b> (0.03)		<b>-0.41</b> (0.06)		<b>-0.63</b> (0.02)		<b>-0.55</b> (0.03)		-0.29 (0.07)		-0.34 (0.16)		-0.11 (0.17)		-0.31 (0.07)		
Belgium	-0.38 (0.03)		-0.23 (0.01)		<b>-0.44</b> (0.03)		<b>-0.27</b> (0.01)		-0.19 (0.09)		-0.05 (0.06)		-0.11 (0.08)		-0.11 (0.05)		
Canada	<b>-0.48</b> (0.01)		<b>1.11</b> (0.22)		-0.39 (0.03)		-0.35 (0.03)		<b>-0.56</b> (0.03)		<b>0.25</b> (0.14)		<b>-0.37</b> (0.05)		<b>-0.51</b> (0.03)		
Chile	<b>-0.65</b> (0.02)		<b>1.31</b> (0.11)		<b>-0.21</b> (0.08)		<b>0.62</b> (0.08)		<b>-0.35</b> (0.11)		<b>0.39</b> (0.10)		<b>-0.31</b> (0.13)		<b>0.15</b> (0.07)		
Czech Republic	1.47 (0.10)		2.01 (0.27)		1.22 (0.12)		1.23 (0.14)		1.03 (0.06)		1.05 (0.15)		0.72 (0.08)		0.78 (0.11)		
Denmark	<b>-0.04</b> (0.04)		<b>1.10</b> (0.22)		0.18 (0.06)		0.70 (0.69)		<b>-0.11</b> (0.07)		<b>0.43</b> (0.14)		<b>-0.05</b> (0.06)		<b>-0.72</b> (0.08)		
Estonia	0.12 (0.05)		0.83 (0.47)		0.14 (0.04)		0.42 (0.25)		<b>0.50</b> (0.05)		<b>-0.08</b> (0.24)		0.49 (0.05)		0.20 (0.20)		
Finland	<b>-0.34</b> (0.02)		<b>1.68</b> (0.39)		-0.28 (0.02)		c	c	<b>-0.06</b> (0.07)		<b>0.72</b> (0.17)		-0.05 (0.07)		c	c	
France	<b>-0.62</b> (0.01)		<b>-0.26</b> (0.08)		-0.49 (0.05)		-0.57 (0.01)		<b>-0.19</b> (0.06)		<b>0.48</b> (0.21)		-0.02 (0.11)		-0.14 (0.07)		
Germany	<b>-0.62</b> (0.01)		<b>-0.49</b> (0.05)		-0.58 (0.01)		-0.58 (0.04)		-0.14 (0.05)		0.26 (0.29)		-0.19 (0.05)		-0.35 (0.16)		
Greece	-0.72 (0.01)		c	c	<b>-0.75</b> (0.01)		<b>-0.70</b> (0.01)		-1.17 (0.01)		c	c	-1.19 (0.03)		-1.14 (0.02)		
Hungary	<b>0.26</b> (0.08)		<b>1.57</b> (0.27)		0.16 (0.15)		0.50 (0.10)		<b>-0.07</b> (0.07)		<b>0.53</b> (0.19)		0.14 (0.15)		0.00 (0.07)		
Iceland	-0.05 (0.00)		c	c	-0.04 (0.00)		c	c	0.16 (0.00)		c	c	0.15 (0.00)		c	c	
Ireland	<b>-0.58</b> (0.02)		<b>-0.33</b> (0.02)		-0.43 (0.02)		-0.42 (0.02)		0.10 (0.10)		0.13 (0.08)		0.10 (0.06)		0.11 (0.06)		
Israel	-0.24 (0.04)		c	c	-0.32 (0.05)		-0.23 (0.04)		0.01 (0.06)		c	c	-0.06 (0.10)		0.01 (0.07)		
Italy	<b>-0.70</b> (0.01)		<b>1.06</b> (0.22)		<b>-0.69</b> (0.01)		<b>-0.59</b> (0.02)		0.41 (0.04)		0.55 (0.15)		<b>0.69</b> (0.12)		<b>0.35</b> (0.04)		
Japan	<b>-0.64</b> (0.03)		<b>0.61</b> (0.11)		c	c	-0.27 (0.04)		<b>1.04</b> (0.07)		<b>1.43</b> (0.01)		c	c	1.15 (0.05)		
Korea	<b>-0.68</b> (0.01)		<b>-0.17</b> (0.09)		-0.57 (0.06)		-0.43 (0.05)		0.72 (0.11)		0.69 (0.11)		0.96 (0.15)		0.69 (0.08)		
Luxembourg	<b>-0.51</b> (0.00)		<b>1.54</b> (0.00)		<b>-0.22</b> (0.00)		<b>-0.17</b> (0.00)		<b>-0.89</b> (0.00)		<b>-0.54</b> (0.01)		<b>-0.88</b> (0.00)		<b>-0.79</b> (0.00)		
Mexico	<b>-0.55</b> (0.01)		<b>1.39</b> (0.15)		<b>-0.56</b> (0.02)		<b>-0.17</b> (0.03)		<b>-0.94</b> (0.01)		<b>-0.30</b> (0.11)		-0.89 (0.02)		-0.86 (0.02)		
Netherlands	<b>1.16</b> (0.15)		<b>1.65</b> (0.12)		1.21 (0.11)		1.38 (0.17)		1.30 (0.07)		1.18 (0.07)		1.00 (0.08)		0.88 (0.13)		
New Zealand	<b>0.10</b> (0.05)		<b>1.56</b> (0.42)		0.06 (0.06)		0.11 (0.05)		0.66 (0.07)		0.26 (0.31)		0.41 (0.09)		0.47 (0.07)		
Norway	-0.21 (0.03)		c	c	-0.18 (0.03)		c	c	-0.55 (0.05)		c	c	-0.55 (0.05)		c	c	
Poland	<b>-0.39</b> (0.02)		<b>1.50</b> (0.36)		-0.34 (0.02)		c	c	0.36 (0.07)		0.83 (0.25)		0.37 (0.07)		c	c	
Portugal	<b>-0.58</b> (0.02)		<b>0.40</b> (0.25)		<b>-0.52</b> (0.02)		<b>-0.44</b> (0.04)		<b>-0.72</b> (0.03)		<b>-0.27</b> (0.21)		-0.63 (0.05)		-0.71 (0.04)		
Slovak Republic	0.77 (0.09)		0.90 (0.28)		0.81 (0.10)		0.75 (0.14)		<b>0.53</b> (0.08)		<b>-0.03</b> (0.20)		0.39 (0.10)		0.55 (0.12)		
Slovenia	<b>-0.13</b> (0.02)		<b>1.03</b> (0.08)		-0.06 (0.27)		-0.12 (0.01)		<b>-0.31</b> (0.01)		<b>-0.79</b> (0.00)		-0.48 (0.19)		-0.34 (0.01)		
Spain	<b>-0.69</b> (0.01)		<b>0.14</b> (0.10)		-0.42 (0.03)		c	c	<b>-0.66</b> (0.04)		<b>-0.06</b> (0.09)		-0.47 (0.04)		c	c	
Sweden	<b>0.40</b> (0.08)		<b>2.06</b> (0.17)		0.63 (0.07)		0.63 (0.28)		-0.27 (0.06)		-0.09 (0.10)		-0.25 (0.06)		-0.26 (0.17)		
Switzerland	<b>-0.22</b> (0.04)		<b>1.31</b> (0.24)		<b>-0.09</b> (0.05)		<b>-0.27</b> (0.04)		<b>-0.67</b> (0.04)		<b>0.48</b> (0.25)		-0.64 (0.05)		-0.49 (0.06)		
Turkey	-0.73 (0.01)		c	c	-0.70 (0.04)		-0.72 (0.01)		-1.14 (0.02)		c	c	-1.01 (0.14)		-1.12 (0.02)		
United Kingdom	<b>0.80</b> (0.09)		<b>1.73</b> (0.11)		c	c	1.10 (0.08)		<b>0.93</b> (0.06)		<b>1.25</b> (0.06)		c	c	0.93 (0.05)		
United States	<b>0.01</b> (0.06)		<b>1.26</b> (0.35)		<b>-0.08</b> (0.07)		<b>0.10</b> (0.07)		<b>-0.49</b> (0.07)		<b>0.87</b> (0.27)		<b>-0.57</b> (0.10)		<b>-0.36</b> (0.08)		
OECD average	<b>-0.20</b> (0.01)		<b>0.92</b> (0.04)		<b>-0.14</b> (0.01)		<b>0.03</b> (0.03)		<b>-0.06</b> (0.01)		<b>0.33</b> (0.03)		<b>-0.10</b> (0.02)		<b>-0.06</b> (0.02)		
<b>Partners</b>																	
Albania	<b>-0.70</b> (0.01)		<b>0.37</b> (0.48)		<b>-0.69</b> (0.03)		<b>-0.53</b> (0.05)		-0.30 (0.07)		0.13 (0.36)		-0.35 (0.09)		-0.21 (0.10)		
Argentina	c	c	c	c	c	c	c	c	-0.57 (0.05)		-0.37 (0.14)		-0.50 (0.07)		-0.51 (0.07)		
Brazil	<b>-0.73</b> (0.01)		<b>1.74</b> (0.16)		<b>-0.58</b> (0.04)		<b>-0.26</b> (0.05)		<b>-0.59</b> (0.03)		<b>0.39</b> (0.14)		<b>-0.52</b> (0.04)		<b>-0.39</b> (0.04)		
Bulgaria	0.83 (0.09)		c	c	<b>0.41</b> (0.12)		<b>0.88</b> (0.10)		-0.84 (0.03)		c	c	-0.81 (0.08)		-0.84 (0.02)		
Colombia	<b>-0.68</b> (0.01)		<b>1.39</b> (0.30)		-0.44 (0.05)		-0.31 (0.05)		<b>-0.20</b> (0.07)		<b>0.61</b> (0.14)		-0.07 (0.08)		-0.09 (0.07)		
Costa Rica	<b>-0.66</b> (0.01)		<b>1.21</b> (0.27)		<b>-0.43</b> (0.03)		<b>-0.25</b> (0.08)		<b>-0.88</b> (0.04)		<b>0.57</b> (0.20)		<b>-0.70</b> (0.05)		<b>-0.57</b> (0.07)		
Croatia	-0.36 (0.02)		c	c	c	c	-0.34 (0.03)		-0.85 (0.03)		c	c	c	c	-0.86 (0.03)		
Cyprus*	<b>-0.69</b> (0.00)		<b>1.46</b> (0.00)		<b>-0.59</b> (0.01)		<b>-0.33</b> (0.00)		<b>-1.11</b> (0.00)		<b>0.55</b> (0.00)		<b>-0.95</b> (0.01)		<b>-0.84</b> (0.00)		
Hong Kong-China	<b>-0.48</b> (0.04)		<b>0.48</b> (0.10)		0.40 (0.08)		0.43 (0.10)		0.98 (0.32)		0.99 (0.07)		0.98 (0.07)		0.95 (0.07)		
Indonesia	<b>-0.31</b> (0.10)		<b>1.27</b> (0.14)		0.39 (0.12)		0.28 (0.12)		<b>0.49</b> (0.11)		<b>0.86</b> (0.12)		0.77 (0.11)		0.54 (0.12)		
Jordan	<b>-0.67</b> (0.02)		<b>0.26</b> (0.14)		-0.51 (0.03)		c	c	<b>-1.12</b> (0.04)		<b>-0.61</b> (0.13)		-1.04 (0.04)		c	c	
Kazakhstan	<b>-0.38</b> (0.04)		<b>1.34</b> (0.45)		-0.37 (0.04)		-0.23 (0.10)		-0.77 (0.05)		-0.21 (0.34)		<b>-0.81</b> (0.04)		<b>-0.62</b> (0.09)		
Latvia	0.56 (0.08)		c	c	0.58 (0.08)		0.92 (0.26)		-0.21 (0.06)		c	c	-0.20 (0.06)		0.06 (0.21)		
Liechtenstein	-0.27 (0.01)		c	c	<b>-0.02</b> (0.02)		<b>-0.53</b> (0.00)		-0.45 (0.02)		c	c	<b>-0.24</b> (0.02)		<b>-0.95</b> (0.00)		
Lithuania	0.76 (0.08)		c	c	0.78 (0.08)		c	c	0.65 (0.05)		c	c	0.66 (0.05)		c	c	
Macao-China	c	c	1.73 (0.00)		<b>1.69</b> (0.00)		<b>1.58</b> (0.00)		c	c	0.81 (0.00)		<b>0.87</b> (0.00)		<b>0.67</b> (0.00)		
Malaysia	<b>-0.58</b> (0.01)		<b>2.09</b> (0.45)		-0.43 (0.06)		-0.49 (0.03)		<b>-0.95</b> (0.04)		<b>1.07</b> (0.30)		-0.79 (0.05)		-0.88 (0.04)		
Montenegro	-0.34 (0.00)		c	c	c	c	-0.33 (0.00)		-0.84 (0.00)		c	c	c	c	-0.83 (0.00)		
Peru	<b>-0.51</b> (0.05)		<b>2.32</b> (0.18)		<b>-0.11</b> (0.10)		<b>0.29</b> (0.08)		<b>-0.41</b> (0.07)		<b>0.99</b> (0.13)		<b>-0.21</b> (0.06)		<b>-0.04</b> (0.06)		
Qatar	<b>-0.39</b> (0.00)		<b>-0.33</b> (0.00)		-0.37 (0.00)		-0.37 (0.00)		<b>-0.94</b> (0.00)		<b>-0.84</b> (0.00)		<b>-0.93</b> (0.00)		<b>-0.90</b> (0.00)		
Romania	-0.57 (0.02)		c	c	-0.57 (0.02)		c	c	-0.52 (0.05)		c	c	-0.52 (0.05)		c	c	
Russian Federation	0.01 (0.06)		c	c	0.02 (0.07)		0.08 (0.08)		-0.22 (0.05)		c	c	-0.22 (0.06)		-0.26 (0.09)		
Serbia	-0.41 (0.02)		c	c	c	c	-0.39 (0.02)		-0.87 (0.02)		c	c	c	c	-0.86 (0.02)		
Shanghai-China	<b>-0.38</b> (0.04)		<b>0.67</b> (0.30)		-0.32 (0.08)		-0.26 (0.06)		-0.55 (0.05)		-0.57 (0.23)		<b>-0.77</b> (0.07)		<b>-0.39</b> (0.06)		
Singapore	-0.40 (0.00)		c	c	-0.43 (0.05)		-0.36 (0.01)		-0.24 (0.00)		c	c	-0.31 (0.06)		-0.25 (0.01)		
Chinese Taipei	<b>-0.41</b> (0.03)		<b>0.93</b> (0.17)		<b>-0.34</b> (0.04)		<b>0.31</b> (0.08)		0.15 (0.09)		0.34 (0.12)		0.10 (0.11)		0.28 (0.09)		
Thailand	<b>0.46</b> (0.08)		<b>1.94</b> (0.20)		0.58 (0.11)		0.74 (0.08)		0.95 (0.06)		1.15 (0.1						

[Part 1/2]


## Index of school responsibility for curriculum and assessment and mathematics performance

Table IV.4.3 Results based on school principals' reports

	Index of school responsibility for curriculum and assessment										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.13	(0.04)	-0.78	(0.01)	-0.42	(0.03)	0.27	(0.13)	1.44	(0.00)	0.90	(0.02)
Austria	-0.30	(0.06)	-0.97	(0.03)	-0.77	(0.03)	-0.35	(0.09)	0.91	(0.16)	0.79	(0.05)
Belgium	-0.11	(0.05)	-0.85	(0.02)	-0.52	(0.02)	-0.23	(0.05)	1.17	(0.14)	0.82	(0.03)
Canada	-0.49	(0.03)	-0.98	(0.02)	-0.80	(0.01)	-0.57	(0.02)	0.39	(0.11)	0.66	(0.04)
Chile	0.12	(0.07)	-0.93	(0.03)	-0.53	(0.07)	0.52	(0.22)	1.44	(0.00)	0.99	(0.03)
Czech Republic	0.75	(0.06)	-0.74	(0.05)	0.85	(0.22)	1.44	(0.00)	1.44	(0.00)	0.96	(0.03)
Denmark	-0.05	(0.06)	-0.88	(0.02)	-0.66	(0.04)	-0.09	(0.17)	1.44	(0.05)	0.92	(0.03)
Estonia	0.49	(0.05)	-0.71	(0.03)	-0.10	(0.07)	1.32	(0.14)	1.44	(0.00)	0.94	(0.01)
Finland	-0.05	(0.07)	-0.85	(0.01)	-0.59	(0.04)	-0.17	(0.17)	1.43	(0.12)	0.90	(0.03)
France	-0.10	(0.06)	-0.88	(0.02)	-0.61	(0.04)	-0.17	(0.06)	1.26	(0.17)	0.86	(0.04)
Germany	-0.19	(0.05)	-0.87	(0.02)	-0.65	(0.05)	-0.27	(0.05)	1.03	(0.13)	0.79	(0.03)
Greece	-1.15	(0.02)	-1.26	(0.00)	-1.26	(0.00)	-1.16	(0.03)	-0.91	(0.07)	0.26	(0.09)
Hungary	0.02	(0.07)	-0.85	(0.03)	-0.52	(0.04)	0.08	(0.17)	1.35	(0.07)	0.87	(0.03)
Iceland	0.15	(0.00)	-0.83	(0.00)	-0.58	(0.00)	0.56	(0.02)	1.44	(0.00)	1.00	(0.00)
Ireland	0.10	(0.06)	-0.76	(0.03)	-0.35	(0.04)	0.11	(0.16)	1.41	(0.06)	0.84	(0.03)
Israel	0.00	(0.06)	-0.85	(0.01)	-0.58	(0.05)	0.02	(0.16)	1.42	(0.08)	0.89	(0.03)
Italy	0.36	(0.04)	-0.75	(0.02)	-0.25	(0.04)	0.98	(0.11)	1.44	(0.00)	0.92	(0.01)
Japan	1.15	(0.05)	0.30	(0.21)	1.44	(0.00)	1.44	(0.00)	1.44	(0.00)	0.69	(0.06)
Korea	0.71	(0.08)	-0.72	(0.08)	0.66	(0.25)	1.44	(0.00)	1.44	(0.00)	0.94	(0.03)
Luxembourg	-0.84	(0.00)	-1.11	(0.00)	-0.90	(0.00)	-0.81	(0.00)	-0.54	(0.00)	0.36	(0.00)
Mexico	-0.87	(0.02)	-1.24	(0.01)	-1.09	(0.01)	-0.90	(0.02)	-0.24	(0.05)	0.52	(0.02)
Netherlands	0.96	(0.08)	-0.43	(0.23)	1.41	(0.12)	1.44	(0.00)	1.44	(0.00)	0.84	(0.06)
New Zealand	0.47	(0.07)	-0.68	(0.04)	-0.09	(0.07)	1.20	(0.20)	1.44	(0.00)	0.92	(0.01)
Norway	-0.55	(0.05)	-1.03	(0.03)	-0.81	(0.00)	-0.69	(0.05)	0.33	(0.16)	0.65	(0.06)
Poland	0.37	(0.07)	-0.49	(0.05)	-0.14	(0.04)	0.65	(0.21)	1.44	(0.00)	0.82	(0.02)
Portugal	-0.68	(0.03)	-1.06	(0.02)	-0.85	(0.02)	-0.74	(0.03)	-0.06	(0.11)	0.50	(0.06)
Slovak Republic	0.48	(0.08)	-0.76	(0.02)	-0.20	(0.26)	1.44	(0.11)	1.44	(0.00)	1.00	(0.02)
Slovenia	-0.35	(0.01)	-0.86	(0.00)	-0.77	(0.00)	-0.50	(0.01)	0.73	(0.04)	0.73	(0.01)
Spain	-0.47	(0.04)	-1.04	(0.03)	-0.80	(0.01)	-0.55	(0.04)	0.51	(0.12)	0.71	(0.04)
Sweden	-0.25	(0.06)	-0.86	(0.01)	-0.67	(0.02)	-0.42	(0.05)	0.97	(0.17)	0.79	(0.04)
Switzerland	-0.60	(0.04)	-1.08	(0.03)	-0.83	(0.02)	-0.71	(0.03)	0.21	(0.12)	0.62	(0.05)
Turkey	-1.12	(0.02)	-1.26	(0.00)	-1.25	(0.00)	-1.18	(0.02)	-0.79	(0.09)	0.32	(0.07)
United Kingdom	0.93	(0.05)	-0.45	(0.07)	1.27	(0.15)	1.44	(0.00)	1.44	(0.00)	0.84	(0.03)
United States	-0.39	(0.08)	-1.06	(0.03)	-0.82	(0.01)	-0.61	(0.07)	0.94	(0.23)	0.86	(0.06)
OECD average	-0.04	(0.01)	-0.84	(0.01)	-0.38	(0.01)	0.12	(0.02)	0.93	(0.02)	0.78	(0.01)
<b>Partners</b>												
Albania	-0.27	(0.07)	-1.01	(0.03)	-0.81	(0.01)	-0.42	(0.11)	1.17	(0.18)	0.90	(0.05)
Argentina	-0.51	(0.06)	-1.02	(0.03)	-0.81	(0.00)	-0.59	(0.07)	0.40	(0.16)	0.66	(0.06)
Brazil	-0.42	(0.03)	-1.09	(0.01)	-0.86	(0.02)	-0.48	(0.05)	0.75	(0.09)	0.79	(0.03)
Bulgaria	-0.84	(0.03)	-1.12	(0.02)	-0.99	(0.01)	-0.83	(0.02)	-0.43	(0.09)	0.35	(0.06)
Colombia	-0.08	(0.07)	-1.02	(0.04)	-0.63	(0.08)	0.14	(0.15)	1.18	(0.06)	0.88	(0.03)
Costa Rica	-0.65	(0.05)	-1.18	(0.02)	-1.06	(0.02)	-0.84	(0.03)	0.50	(0.17)	0.81	(0.06)
Croatia	-0.86	(0.03)	-1.12	(0.01)	-1.00	(0.02)	-0.87	(0.02)	-0.44	(0.08)	0.38	(0.05)
Cyprus*	-0.84	(0.00)	-1.26	(0.00)	-1.23	(0.00)	-1.10	(0.00)	0.22	(0.00)	0.81	(0.00)
Hong Kong-China	0.96	(0.07)	-0.35	(0.11)	1.32	(0.21)	1.44	(0.00)	1.44	(0.00)	0.80	(0.04)
Indonesia	0.65	(0.08)	-0.76	(0.08)	0.48	(0.26)	1.44	(0.00)	1.44	(0.00)	0.97	(0.03)
Jordan	-1.04	(0.04)	-1.26	(0.00)	-1.26	(0.00)	-1.22	(0.02)	-0.40	(0.15)	0.61	(0.08)
Kazakhstan	-0.76	(0.05)	-1.21	(0.02)	-1.02	(0.04)	-0.79	(0.03)	0.00	(0.15)	0.55	(0.06)
Latvia	-0.19	(0.06)	-0.89	(0.02)	-0.66	(0.04)	-0.29	(0.06)	1.08	(0.16)	0.82	(0.04)
Liechtenstein	-0.33	(0.02)	c	c	c	c	c	c	c	c	0.90	(0.01)
Lithuania	0.66	(0.05)	-0.57	(0.05)	0.34	(0.15)	1.42	(0.06)	1.44	(0.00)	0.87	(0.02)
Macao-China	0.78	(0.00)	-0.60	(0.00)	0.84	(0.00)	1.44	(0.00)	1.44	(0.00)	0.90	(0.00)
Malaysia	-0.88	(0.04)	-1.23	(0.01)	-1.11	(0.01)	-0.96	(0.04)	-0.22	(0.12)	0.58	(0.06)
Montenegro	-0.83	(0.00)	-1.26	(0.00)	-1.10	(0.00)	-0.91	(0.00)	-0.06	(0.00)	0.62	(0.00)
Peru	-0.09	(0.05)	-1.09	(0.03)	-0.75	(0.04)	0.03	(0.18)	1.44	(0.01)	1.02	(0.03)
Qatar	-0.90	(0.00)	-1.26	(0.00)	-1.18	(0.00)	-0.83	(0.00)	-0.34	(0.00)	0.50	(0.00)
Romania	-0.52	(0.05)	-1.15	(0.02)	-0.87	(0.03)	-0.57	(0.06)	0.50	(0.15)	0.71	(0.05)
Russian Federation	-0.22	(0.05)	-0.97	(0.02)	-0.69	(0.05)	-0.25	(0.06)	1.02	(0.14)	0.82	(0.04)
Serbia	-0.86	(0.02)	-1.09	(0.02)	-0.94	(0.02)	-0.82	(0.01)	-0.61	(0.05)	0.21	(0.02)
Shanghai-China	-0.56	(0.05)	-1.22	(0.02)	-0.97	(0.05)	-0.71	(0.05)	0.68	(0.13)	0.82	(0.04)
Singapore	-0.25	(0.01)	-0.87	(0.00)	-0.77	(0.00)	-0.33	(0.01)	0.97	(0.03)	0.80	(0.01)
Chinese Taipei	0.21	(0.07)	-0.86	(0.03)	-0.40	(0.10)	0.67	(0.19)	1.44	(0.00)	0.94	(0.02)
Thailand	0.98	(0.05)	-0.20	(0.09)	1.24	(0.15)	1.44	(0.00)	1.44	(0.00)	0.73	(0.04)
Tunisia	-0.58	(0.08)	-1.26	(0.00)	-1.22	(0.02)	-0.89	(0.10)	1.04	(0.21)	1.01	(0.06)
United Arab Emirates	-0.44	(0.04)	-1.26	(0.00)	-1.12	(0.02)	-0.61	(0.06)	1.25	(0.09)	1.03	(0.03)
Uruguay	-0.83	(0.04)	-1.26	(0.01)	-1.09	(0.02)	-0.90	(0.02)	-0.08	(0.15)	0.61	(0.07)
Viet Nam	-0.98	(0.03)	-1.26	(0.00)	-1.23	(0.02)	-1.07	(0.03)	-0.37	(0.11)	0.50	(0.05)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of school responsibility for curriculum and assessment and mathematics performance

Table IV.4.3 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter		Score dif.	S.E.	Ratio	S.E.	%	S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>492</b>	(1.2)	494	(1.2)	495	(1.2)	<b>496</b>	(1.2)	1.9	(1.0)	1.0	(0.0)	0.5	(0.1)
Australia	495	(3.6)	505	(4.6)	508	(3.2)	<b>510</b>	(4.6)	5.1	(2.7)	1.1	(0.1)	0.2	(0.2)
Austria	512	(9.4)	508	(13.6)	503	(12.4)	499	(8.4)	-9.2	(6.0)	0.9	(0.1)	0.6	(0.8)
Belgium	<b>493</b>	(7.1)	527	(7.4)	523	(7.6)	<b>517</b>	(6.9)	5.5	(5.0)	<b>1.4</b>	(0.1)	0.2	(0.4)
Canada	<b>510</b>	(2.9)	517	(4.5)	519	(4.5)	<b>526</b>	(3.4)	<b>10.2</b>	(2.7)	<b>1.1</b>	(0.1)	0.6	(0.3)
Chile	<b>404</b>	(6.3)	422	(5.7)	429	(8.1)	<b>435</b>	(5.8)	<b>11.4</b>	(3.5)	<b>1.4</b>	(0.2)	2.0	(1.2)
Czech Republic	504	(8.6)	495	(6.6)	497	(6.2)	499	(6.3)	-1.8	(5.1)	0.9	(0.1)	0.0	(0.2)
Denmark	501	(3.8)	503	(5.9)	494	(5.9)	505	(4.4)	1.9	(2.3)	1.0	(0.1)	0.0	(0.1)
Estonia	521	(4.1)	518	(4.2)	520	(3.4)	523	(3.8)	0.8	(2.1)	1.0	(0.1)	0.0	(0.1)
Finland	<b>514</b>	(4.0)	516	(3.8)	517	(3.8)	<b>528</b>	(4.0)	<b>5.9</b>	(2.1)	1.1	(0.1)	0.4	(0.3)
France	483	(9.7)	492	(7.7)	507	(8.7)	498	(9.9)	6.0	(6.8)	1.2	(0.2)	0.3	(0.7)
Germany	<b>525</b>	(8.0)	529	(6.6)	512	(6.4)	<b>488</b>	(9.0)	<b>-18.5</b>	(6.2)	<b>0.7</b>	(0.1)	2.3	(1.5)
Greece	451	(5.4)	452	(6.2)	453	(4.8)	456	(5.8)	7.6	(8.8)	1.1	(0.1)	0.1	(0.1)
Hungary	477	(11.4)	473	(9.7)	478	(11.4)	480	(13.8)	1.1	(7.6)	1.0	(0.2)	0.0	(0.4)
Iceland	496	(3.8)	489	(3.4)	497	(3.9)	492	(4.0)	-0.8	(1.5)	0.9	(0.1)	0.0	(0.0)
Ireland	508	(5.6)	500	(6.3)	498	(5.9)	505	(5.7)	0.3	(3.4)	0.9	(0.1)	0.0	(0.1)
Israel	466	(7.8)	452	(12.2)	477	(9.9)	470	(12.6)	4.7	(7.1)	1.0	(0.1)	0.2	(0.5)
Italy	485	(5.1)	493	(5.1)	483	(4.3)	481	(4.8)	-2.7	(3.2)	1.0	(0.1)	0.1	(0.2)
Japan	536	(7.0)	536	(5.8)	538	(5.8)	536	(6.1)	-0.6	(8.1)	1.0	(0.1)	0.0	(0.3)
Korea	548	(10.8)	557	(10.0)	554	(7.0)	556	(5.9)	1.1	(5.6)	1.1	(0.2)	0.0	(0.2)
Luxembourg	496	(2.1)	497	(2.3)	474	(3.5)	493	(2.6)	<b>34.8</b>	(2.6)	<b>0.8</b>	(0.1)	1.7	(0.2)
Mexico	<b>409</b>	(3.11)	401	(2.74)	419	(3.3)	<b>424</b>	(3.2)	<b>14.1</b>	(3.9)	1.1	(0.1)	1.0	(0.5)
Netherlands	538	(10.9)	518	(6.7)	520	(5.7)	516	(5.9)	-12.1	(7.1)	<b>0.6</b>	(0.1)	1.2	(1.4)
New Zealand	501	(7.0)	511	(5.1)	495	(6.8)	492	(6.2)	-5.7	(3.8)	1.0	(0.1)	0.3	(0.4)
Norway	496	(5.7)	484	(4.7)	491	(5.6)	487	(5.7)	-5.8	(5.2)	0.9	(0.1)	0.2	(0.3)
Poland	521	(6.7)	515	(4.6)	518	(6.0)	516	(7.2)	-0.9	(4.6)	1.0	(0.1)	0.0	(0.2)
Portugal	491	(9.5)	489	(7.0)	485	(8.2)	482	(9.1)	-6.7	(11.9)	0.9	(0.2)	0.1	(0.6)
Slovak Republic	480	(11.1)	493	(9.8)	477	(7.7)	478	(7.1)	-2.6	(5.9)	1.1	(0.2)	0.1	(0.4)
Slovenia	<b>508</b>	(4.1)	503	(4.2)	500	(2.9)	<b>493</b>	(2.4)	<b>-8.5</b>	(1.7)	0.9	(0.1)	0.5	(0.2)
Spain	<b>469</b>	(4.6)	488	(3.7)	484	(6.3)	<b>497</b>	(3.2)	<b>13.0</b>	(2.0)	<b>1.4</b>	(0.1)	1.1	(0.3)
Sweden	480	(4.9)	482	(5.5)	475	(6.3)	475	(5.3)	-3.2	(3.1)	0.9	(0.1)	0.1	(0.2)
Switzerland	<b>513</b>	(5.8)	525	(7.1)	537	(6.1)	<b>552</b>	(7.5)	7.8	(5.6)	<b>1.3</b>	(0.1)	0.3	(0.4)
Turkey	447	(10.0)	446	(8.5)	454	(11.7)	445	(9.9)	-10.3	(17.7)	1.0	(0.1)	0.1	(0.5)
United Kingdom	<b>478</b>	(5.1)	494	(6.2)	502	(5.1)	<b>502</b>	(6.0)	<b>12.3</b>	(3.4)	<b>1.3</b>	(0.1)	1.2	(0.7)
United States	<b>464</b>	(8.1)	474	(8.8)	495	(6.3)	<b>493</b>	(7.1)	<b>11.6</b>	(4.3)	<b>1.4</b>	(0.2)	1.2	(1.0)
<b>OECD average</b>	<b>492</b>	(1.2)	494	(1.2)	495	(1.2)	<b>496</b>	(1.2)	1.9	(1.0)	1.0	(0.0)	0.5	(0.1)
<b>Partners</b>														
Albania	390	(4.5)	399	(5.3)	393	(4.6)	396	(4.3)	-0.4	(2.3)	1.2	(0.1)	0.0	(0.0)
Argentina	373	(8.0)	396	(6.9)	394	(6.3)	390	(7.6)	<b>9.4</b>	(4.7)	<b>1.4</b>	(0.2)	0.7	(0.6)
Brazil	<b>377</b>	(3.8)	386	(4.9)	391	(4.8)	<b>410</b>	(5.1)	<b>17.9</b>	(3.0)	<b>1.2</b>	(0.1)	3.3	(1.1)
Bulgaria	439	(7.7)	453	(9.6)	434	(10.4)	429	(9.5)	-27.1	(16.6)	0.9	(0.2)	1.0	(1.4)
Colombia	370	(5.6)	382	(4.5)	372	(6.1)	382	(8.1)	3.6	(4.4)	1.1	(0.1)	0.2	(0.5)
Costa Rica	<b>393</b>	(6.4)	397	(4.8)	400	(6.1)	<b>443</b>	(8.2)	<b>28.1</b>	(4.4)	1.3	(0.2)	11.1	(3.3)
Croatia	487	(10.7)	467	(8.3)	467	(8.2)	464	(8.1)	-13.8	(10.2)	0.7	(0.1)	0.4	(0.6)
Cyprus*	<b>432</b>	(3.0)	429	(3.3)	430	(2.4)	<b>466</b>	(2.5)	<b>34.0</b>	(1.3)	1.0	(0.1)	8.7	(0.6)
Hong Kong-China	563	(10.8)	564	(6.1)	560	(6.0)	558	(5.0)	-3.8	(7.5)	1.0	(0.2)	0.1	(0.5)
Indonesia	<b>393</b>	(9.6)	367	(9.2)	369	(6.2)	<b>370</b>	(6.1)	<b>-8.8</b>	(4.4)	<b>0.7</b>	(0.1)	1.4	(1.5)
Jordan	<b>378</b>	(4.6)	381	(4.7)	383	(6.8)	<b>400</b>	(7.5)	18.4	(11.9)	1.1	(0.1)	2.1	(2.6)
Kazakhstan	436	(6.1)	432	(6.4)	431	(6.2)	426	(8.2)	-6.5	(8.4)	0.9	(0.1)	0.3	(0.7)
Latvia	483	(5.3)	494	(5.2)	493	(6.6)	492	(6.3)	2.0	(3.4)	1.3	(0.2)	0.0	(0.2)
Liechtenstein	c	c	c	c	c	c	c	c	<b>-37.7</b>	(4.6)	0.7	(0.2)	12.7	(3.0)
Lithuania	481	(6.6)	482	(7.1)	475	(4.8)	477	(4.3)	-3.9	(3.9)	0.9	(0.1)	0.1	(0.3)
Macao-China	<b>555</b>	(2.4)	557	(3.3)	520	(3.0)	<b>521</b>	(3.0)	<b>-18.8</b>	(1.3)	<b>0.7</b>	(0.0)	3.2	(0.4)
Malaysia	423	(6.3)	404	(4.4)	421	(6.8)	435	(8.4)	15.6	(10.6)	1.0	(0.1)	1.2	(1.5)
Montenegro	<b>406</b>	(1.9)	419	(3.2)	420	(2.5)	<b>394</b>	(2.5)	<b>-10.9</b>	(1.7)	1.1	(0.1)	0.7	(0.2)
Peru	<b>361</b>	(5.9)	352	(6.3)	366	(8.7)	<b>394</b>	(8.8)	<b>16.8</b>	(4.3)	1.0	(0.1)	4.1	(2.0)
Qatar	<b>352</b>	(2.3)	362	(1.7)	403	(2.4)	<b>388</b>	(1.8)	<b>28.4</b>	(1.6)	<b>1.3</b>	(0.1)	2.0	(0.2)
Romania	441	(8.3)	456	(7.9)	434	(8.3)	446	(7.9)	-1.8	(5.6)	1.1	(0.2)	0.0	(0.3)
Russian Federation	482	(7.2)	492	(5.7)	485	(5.3)	470	(5.8)	-6.9	(4.1)	1.0	(0.1)	0.4	(0.5)
Serbia	447	(9.2)	461	(9.5)	446	(9.2)	441	(7.7)	-6.3	(20.3)	1.0	(0.2)	0.0	(0.2)
Shanghai-China	<b>620</b>	(8.9)	627	(8.8)	622	(10.1)	<b>582</b>	(9.6)	<b>-24.1</b>	(5.4)	0.8	(0.1)	3.9	(1.6)
Singapore	<b>561</b>	(3.3)	571	(3.5)	571	(2.9)	<b>590</b>	(2.8)	<b>15.0</b>	(1.5)	<b>1.3</b>	(0.1)	1.3	(0.3)
Chinese Taipei	570	(10.0)	566	(10.7)	558	(10.6)	541	(13.0)	-11.8	(6.9)	0.8	(0.1)	0.9	(1.1)
Thailand	422	(8.7)	424	(7.7)	430	(6.2)	431	(6.1)	6.1	(5.6)	1.1	(0.2)	0.3	(0.6)
Tunisia	<b>412</b>	(8.4)	388	(9.2)	374	(9.7)	<b>377</b>	(9.7)	-5.1	(4.2)	<b>0.5</b>	(0.1)	0.4	(0.7)
United Arab Emirates	<b>398</b>	(2.9)	415	(4.9)	453	(6.2)	<b>470</b>	(5.5)	<b>24.9</b>	(2.4)	<b>1.9</b>	(0.1)	8.3	(1.5)
Uruguay	<b>387</b>	(5.6)	397	(7.3)	408	(7.9)	<b>445</b>	(8.5)	<b>43.2</b>	(6.1)	<b>1.3</b>	(0.2)	8.7	(2.8)
Viet Nam	501	(9.3)	513	(11.1)	505	(11.3)	526	(9.6)	8.0	(7.5)	1.2	(0.2)	0.2	(0.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.


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[Part 1/1]  
School choice

Table IV.4.4 Results based on school principals' reports

		Percentage of students in schools whose principal reported on the number of schools competing for students in the same area					
		Two or more other schools		One other school		No other schools	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	88.6	(1.4)	5.9	(0.9)	5.5	(0.9)
	Austria	42.1	(3.6)	18.4	(3.1)	39.5	(3.2)
	Belgium	80.2	(2.2)	14.3	(2.0)	5.5	(1.5)
	Canada	67.2	(2.2)	14.6	(1.8)	18.2	(1.6)
	Chile	65.8	(3.7)	18.5	(3.0)	15.8	(2.5)
	Czech Republic	72.8	(3.2)	12.4	(2.7)	14.8	(2.3)
	Denmark	65.4	(2.8)	19.2	(2.8)	15.4	(2.6)
	Estonia	61.8	(2.2)	19.6	(2.0)	18.6	(2.0)
	Finland	30.7	(2.6)	16.1	(2.9)	53.2	(3.3)
	France	43.8	(3.5)	19.0	(2.9)	37.2	(3.4)
	Germany	58.8	(3.2)	24.9	(3.0)	16.3	(2.5)
	Greece	43.4	(3.6)	24.1	(3.2)	32.5	(3.0)
	Hungary	54.2	(3.7)	23.0	(3.3)	22.8	(3.3)
	Iceland	32.3	(0.2)	15.6	(0.1)	52.1	(0.2)
	Ireland	74.8	(3.3)	11.6	(2.7)	13.5	(2.5)
	Israel	58.5	(3.9)	20.0	(3.2)	21.5	(3.4)
	Italy	35.3	(1.9)	21.8	(1.6)	42.9	(1.8)
	Japan	85.0	(2.5)	5.3	(1.7)	9.8	(1.8)
	Korea	70.9	(3.4)	19.9	(3.1)	9.1	(2.5)
	Luxembourg	63.1	(0.1)	11.8	(0.1)	25.2	(0.1)
	Mexico	72.4	(1.6)	16.1	(1.4)	11.5	(1.0)
	Netherlands	76.6	(3.4)	13.8	(2.8)	9.5	(2.1)
	New Zealand	85.7	(2.7)	7.5	(2.1)	6.9	(2.1)
	Norway	17.9	(2.9)	17.0	(2.9)	65.1	(3.4)
	Poland	54.1	(3.6)	18.2	(3.1)	27.7	(3.0)
	Portugal	56.4	(3.7)	21.0	(3.6)	22.6	(2.9)
	Slovak Republic	75.7	(2.9)	10.0	(2.1)	14.3	(1.9)
	Slovenia	62.5	(0.5)	13.5	(0.4)	24.0	(0.5)
	Spain	67.6	(2.7)	16.5	(2.5)	15.9	(1.9)
	Sweden	55.2	(3.1)	14.5	(2.8)	30.3	(3.0)
	Switzerland	25.5	(2.4)	16.8	(2.4)	57.6	(3.0)
	Turkey	69.1	(3.0)	9.7	(1.9)	21.1	(2.8)
	United Kingdom	82.1	(2.4)	9.6	(2.0)	8.3	(1.6)
	United States	68.6	(4.1)	7.3	(2.4)	24.2	(3.9)
OECD average	60.7	(0.5)	15.5	(0.4)	23.8	(0.4)	
Partners	Albania	44.5	(4.1)	22.1	(3.7)	33.4	(3.7)
	Argentina	77.9	(3.5)	8.1	(1.8)	14.0	(3.1)
	Brazil	51.7	(2.1)	22.0	(2.1)	26.4	(2.1)
	Bulgaria	74.5	(3.0)	12.6	(2.2)	12.9	(2.5)
	Colombia	69.4	(3.3)	16.8	(3.1)	13.8	(2.7)
	Costa Rica	65.6	(3.4)	15.8	(3.0)	18.7	(2.8)
	Croatia	70.1	(3.7)	9.4	(2.4)	20.4	(3.2)
	Cyprus*	38.3	(0.1)	17.9	(0.1)	43.8	(0.1)
	Hong Kong-China	93.7	(2.1)	5.1	(1.9)	1.3	(0.9)
	Indonesia	85.9	(2.9)	11.0	(2.6)	3.2	(1.5)
	Jordan	50.3	(3.3)	22.1	(3.4)	27.5	(3.2)
	Kazakhstan	48.1	(3.7)	18.2	(3.5)	33.6	(3.6)
	Latvia	74.0	(3.2)	19.5	(3.2)	6.5	(1.7)
	Liechtenstein	9.2	(0.4)	31.3	(0.8)	59.5	(0.8)
	Lithuania	52.1	(3.2)	21.9	(2.9)	26.0	(2.7)
	Macao-China	87.3	(0.0)	8.8	(0.0)	3.9	(0.0)
	Malaysia	61.1	(3.8)	22.2	(3.6)	16.7	(2.9)
	Montenegro	24.7	(0.2)	22.0	(0.1)	53.4	(0.2)
	Peru	67.8	(2.8)	12.5	(2.1)	19.7	(2.6)
	Qatar	57.1	(0.1)	17.0	(0.1)	25.9	(0.1)
	Romania	56.5	(4.2)	17.1	(3.0)	26.4	(3.4)
	Russian Federation	56.7	(3.6)	20.0	(2.9)	23.3	(2.7)
	Serbia	63.1	(4.0)	14.9	(2.6)	21.9	(3.7)
	Shanghai-China	72.5	(3.5)	10.8	(2.8)	16.8	(2.9)
	Singapore	92.7	(0.1)	6.7	(0.1)	0.7	(0.0)
	Chinese Taipei	83.7	(2.3)	12.3	(2.4)	4.0	(1.5)
	Thailand	74.7	(3.0)	14.3	(2.7)	11.0	(2.2)
	Tunisia	38.5	(3.5)	29.4	(3.3)	32.1	(3.5)
	United Arab Emirates	75.9	(1.9)	14.4	(1.7)	9.7	(1.6)
	Uruguay	40.6	(3.2)	15.7	(2.7)	43.7	(3.3)
Viet Nam	50.3	(4.0)	28.2	(3.9)	21.5	(3.3)	

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957498>





[Part 1/1]  
**School choice, by level of education**

Table IV.4.5 Results based on school principals' reports

	Percentage of students in schools whose principal reported on the number of schools competing for students in the same area										Difference between the percentage of upper secondary students in schools that compete for students, and the percentage of lower secondary students in schools that compete for students			
	Lower secondary education (ISCED 2)					Upper secondary education (ISCED 3)								
	Two or more other schools		One other school		No other schools		Two or more other schools		One other school		No other schools		% dif.	S.E.
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
<b>OECD</b>														
Australia	88.2	(1.5)	6.0	(0.9)	5.9	(1.0)	90.8	(1.6)	5.6	(1.4)	3.6	(0.9)	<b>2.3</b>	(1.0)
Austria	61.8	(10.5)	18.5	(9.9)	19.7	(8.8)	40.9	(3.6)	18.4	(3.2)	40.7	(3.3)	<b>-21.0</b>	(9.4)
Belgium	75.3	(7.4)	16.3	(6.5)	8.5	(4.5)	80.7	(2.3)	14.1	(2.1)	5.2	(1.5)	3.3	(4.5)
Canada	62.7	(3.8)	11.6	(2.0)	25.8	(3.7)	68.0	(2.4)	15.1	(2.0)	16.9	(1.6)	<b>8.8</b>	(3.5)
Chile	69.5	(8.0)	17.9	(7.0)	12.6	(5.2)	65.6	(3.8)	18.5	(3.1)	15.9	(2.5)	-3.3	(5.5)
Czech Republic	58.0	(5.1)	17.5	(4.3)	24.5	(4.1)	91.3	(3.0)	5.9	(2.5)	2.7	(1.7)	<b>21.8</b>	(4.7)
Denmark	65.5	(2.8)	19.3	(2.8)	15.2	(2.6)	48.3	(25.7)	0.0	c	51.7	(25.7)	-36.5	(25.8)
Estonia	61.5	(2.3)	19.8	(2.0)	18.8	(2.0)	79.0	(7.0)	9.4	(5.0)	11.5	(5.6)	7.3	(5.7)
Finland	30.6	(2.6)	16.1	(2.9)	53.3	(3.3)	c	c	c	c	c	c	c	c
France	34.5	(4.9)	17.3	(4.2)	48.2	(5.8)	47.9	(4.3)	19.7	(3.4)	32.4	(3.6)	<b>15.8</b>	(6.1)
Germany	59.2	(3.2)	24.8	(3.1)	16.0	(2.5)	44.8	(17.2)	30.5	(18.5)	24.7	(15.8)	-8.7	(15.6)
Greece	36.8	(9.9)	10.2	(4.9)	53.0	(9.8)	43.8	(3.8)	25.0	(3.4)	31.3	(3.1)	<b>21.8</b>	(10.4)
Hungary	65.5	(6.1)	14.3	(5.2)	20.2	(5.3)	52.7	(4.3)	24.1	(3.7)	23.1	(3.6)	-3.0	(6.2)
Iceland	32.3	(0.2)	15.6	(0.1)	52.1	(0.2)	c	c	c	c	c	c	c	c
Ireland	74.1	(3.4)	11.8	(2.8)	14.0	(2.4)	76.0	(3.4)	11.2	(2.6)	12.7	(2.7)	1.3	(1.1)
Israel	63.6	(6.9)	17.7	(4.6)	18.7	(5.9)	57.7	(4.0)	20.3	(3.3)	22.0	(3.6)	-3.3	(5.9)
Italy	44.4	(7.7)	23.1	(7.0)	32.5	(6.9)	35.1	(1.9)	21.7	(1.7)	43.2	(1.9)	-10.7	(7.4)
Japan	c	c	c	c	c	c	85.0	(2.5)	5.3	(1.7)	9.8	(1.8)	c	c
Korea	76.5	(12.5)	23.5	(12.5)	0.0	c	70.6	(3.6)	19.7	(3.2)	9.7	(2.6)	<b>-9.7</b>	(2.6)
Luxembourg	65.1	(0.1)	5.4	(0.1)	29.5	(0.1)	60.0	(0.2)	21.3	(0.1)	18.7	(0.1)	<b>10.7</b>	(0.2)
Mexico	64.6	(2.9)	18.9	(2.5)	16.4	(1.8)	77.0	(2.0)	14.4	(1.6)	8.7	(1.1)	<b>7.8</b>	(2.0)
Netherlands	74.6	(3.8)	16.5	(3.5)	8.9	(2.1)	81.8	(5.0)	7.1	(3.2)	11.1	(3.9)	-2.2	(3.8)
New Zealand	86.3	(2.9)	7.5	(2.3)	6.2	(2.0)	85.6	(2.7)	7.5	(2.1)	6.9	(2.1)	-0.7	(0.9)
Norway	17.9	(2.9)	17.0	(2.9)	65.1	(3.4)	c	c	c	c	c	c	c	c
Poland	54.1	(3.6)	18.1	(3.1)	27.8	(3.0)	c	c	c	c	c	c	c	c
Portugal	44.7	(4.6)	25.7	(4.0)	29.6	(4.4)	65.9	(4.2)	17.2	(4.2)	16.9	(2.9)	<b>12.7</b>	(4.7)
Slovak Republic	58.5	(4.2)	14.4	(2.8)	27.1	(3.3)	89.9	(3.9)	6.3	(3.0)	3.9	(1.9)	<b>23.2</b>	(3.8)
Slovenia	68.7	(8.8)	14.1	(7.1)	17.2	(7.7)	62.2	(0.3)	13.5	(0.3)	24.3	(0.3)	-7.2	(7.8)
Spain	67.6	(2.7)	16.6	(2.5)	15.9	(1.9)	c	c	c	c	c	c	c	c
Sweden	54.3	(3.1)	14.8	(2.8)	30.9	(3.1)	93.1	(4.4)	2.2	(2.3)	4.7	(3.6)	<b>26.2</b>	(4.7)
Switzerland	27.4	(2.8)	13.7	(2.3)	58.8	(3.3)	19.1	(5.1)	27.3	(6.1)	53.5	(6.6)	5.3	(7.2)
Turkey	c	c	c	c	c	c	69.4	(3.1)	9.7	(2.0)	20.9	(2.9)	c	c
United Kingdom	c	c	c	c	c	c	82.1	(2.4)	9.6	(2.0)	8.3	(1.6)	c	c
United States	56.8	(7.5)	9.7	(4.6)	33.5	(7.8)	70.2	(3.8)	6.9	(2.2)	22.9	(3.7)	10.6	(6.1)
OECD average	58.1	(1.0)	15.9	(0.9)	26.0	(0.8)	66.7	(1.2)	14.1	(0.9)	19.2	(1.2)	2.8	(1.6)
<b>Partners</b>														
Albania	47.9	(6.0)	22.4	(5.5)	29.7	(4.9)	42.1	(5.3)	21.9	(4.9)	36.0	(4.8)	-6.4	(6.4)
Argentina	75.0	(4.8)	7.4	(2.1)	17.6	(4.6)	79.6	(3.6)	8.4	(2.1)	12.0	(3.1)	5.6	(4.3)
Brazil	48.5	(3.8)	26.0	(3.5)	25.6	(3.3)	52.5	(2.4)	20.9	(2.2)	26.6	(2.3)	-1.0	(3.6)
Bulgaria	38.8	(8.9)	11.4	(4.7)	49.8	(9.0)	76.3	(2.9)	12.7	(2.3)	11.0	(2.4)	<b>38.8</b>	(9.0)
Colombia	65.7	(3.5)	19.1	(3.5)	15.2	(3.2)	71.8	(3.7)	15.3	(3.2)	12.9	(2.6)	2.3	(1.9)
Costa Rica	64.1	(3.4)	16.7	(3.4)	19.2	(2.9)	67.8	(4.3)	14.4	(3.3)	17.9	(3.3)	1.3	(2.2)
Croatia	c	c	c	c	c	c	70.1	(3.7)	9.4	(2.4)	20.4	(3.2)	c	c
Cyprus*	25.8	(1.1)	20.9	(1.1)	53.3	(1.2)	39.0	(0.1)	17.8	(0.1)	43.3	(0.1)	<b>10.0</b>	(1.2)
Hong Kong-China	95.4	(1.6)	3.6	(1.5)	0.9	(0.7)	92.8	(2.4)	5.8	(2.1)	1.4	(1.0)	-0.5	(0.3)
Indonesia	81.0	(4.6)	13.6	(4.0)	5.5	(2.8)	90.4	(3.3)	8.5	(3.2)	1.0	(1.0)	4.4	(3.0)
Jordan	50.3	(3.3)	22.1	(3.4)	27.5	(3.2)	c	c	c	c	c	c	c	c
Kazakhstan	48.5	(3.9)	16.3	(3.5)	35.3	(3.9)	47.2	(5.6)	23.4	(5.2)	29.4	(4.4)	5.9	(4.0)
Latvia	73.9	(3.2)	19.3	(3.2)	6.8	(1.8)	75.3	(8.3)	23.7	(8.3)	1.0	(0.7)	<b>5.8</b>	(1.7)
Liechtenstein	10.5	(0.5)	35.5	(0.9)	54.1	(0.9)	c	c	c	c	c	c	c	c
Lithuania	52.1	(3.2)	21.8	(2.9)	26.0	(2.7)	c	c	c	c	c	c	c	c
Macao-China	92.1	(0.1)	5.9	(0.1)	2.0	(0.0)	81.3	(0.1)	12.4	(0.1)	6.3	(0.0)	<b>-4.3</b>	(0.1)
Malaysia	66.8	(8.5)	17.7	(6.4)	15.5	(6.6)	60.9	(3.8)	22.4	(3.6)	16.7	(2.9)	-1.2	(5.7)
Montenegro	c	c	c	c	c	c	24.4	(0.1)	22.0	(0.1)	53.6	(0.1)	c	c
Peru	57.2	(3.9)	13.8	(2.5)	29.0	(3.8)	72.3	(2.8)	12.0	(2.1)	15.8	(2.4)	<b>13.3</b>	(3.1)
Qatar	66.3	(0.3)	8.8	(0.2)	24.8	(0.3)	55.1	(0.1)	18.8	(0.1)	26.1	(0.1)	<b>-1.3</b>	(0.3)
Romania	56.5	(4.2)	17.1	(3.0)	26.4	(3.4)	c	c	c	c	c	c	c	c
Russian Federation	56.9	(3.6)	19.7	(3.1)	23.4	(2.6)	55.8	(4.7)	21.2	(3.3)	23.0	(4.8)	0.4	(3.8)
Serbia	c	c	c	c	c	c	63.3	(4.0)	14.7	(2.7)	22.0	(3.8)	c	c
Shanghai-China	67.1	(5.0)	10.5	(5.0)	22.4	(4.1)	76.7	(4.5)	11.0	(2.9)	12.3	(3.8)	10.1	(5.5)
Singapore	92.4	(2.2)	7.6	(2.2)	0.0	c	92.7	(0.1)	6.7	(0.1)	0.7	(0.0)	<b>-0.7</b>	(0.0)
Chinese Taipei	74.2	(4.8)	20.8	(5.3)	5.0	(2.7)	89.2	(2.4)	7.4	(2.1)	3.4	(1.7)	1.6	(3.2)
Thailand	67.9	(4.4)	17.8	(3.9)	14.3	(3.7)	76.5	(3.4)	13.4	(2.9)	10.1	(2.3)	4.2	(3.5)
Tunisia	34.7	(4.7)	26.9	(4.5)	38.4	(5.6)	40.7	(5.0)	30.8	(4.1)	28.4	(4.3)	10.0	(7.0)
United Arab Emirates	73.0	(3.9)	16.8	(4.0)	10.2	(2.8)	76.4	(1.9)	14.0	(1.7)	9.7	(1.5)	0.6	(2.3)
Uruguay	38.4	(4.3)	18.8	(3.7)	42.7	(4.5)	42.1	(3.7)	13.5	(3.0)	44.4	(4.0)	-1.7	(5.3)
Viet Nam	25.1	(9.8)	13.0	(7.9)	61.9	(11.2)	53.2	(4.1)	30.0	(4.2)	16.8	(3.2)	<b>45.1</b>	(11.6)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**School admissions policies and school competition**  
 Results based on school principals' reports

	Percentage of students in schools whose principal reported that residence in a particular area is:										Difference between the percentage of students where residence is "always" considered for admission to school and there is school competition, and the percentage of students where residence is "never" or "sometimes" considered for admission and there is school competition				
	"always" considered for admission to school:					"never" or "sometimes" considered for admission to school:									
			Among these students, percentage of students in schools whose principal reported on the number of schools competing for students in the same area					Among these students, percentage of students in schools whose principal reported on the number of schools competing for students in the same area							
			No other school		One or more schools				No other school				One or more schools		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	
<b>OECD</b>															
Australia	44.8	(1.5)	5.2	(1.3)	94.8	(1.3)	55.2	(1.5)	5.8	(1.2)	94.2	(1.2)	-0.6	(1.6)	
Austria	28.7	(3.2)	46.2	(6.5)	53.8	(6.5)	71.3	(3.2)	36.2	(4.3)	63.8	(4.3)	10.0	(8.5)	
Belgium	1.5	(0.8)	0.7	(0.4)	99.3	(0.4)	98.5	(0.8)	5.7	(1.5)	94.3	(1.5)	<b>-5.1</b>	(1.6)	
Canada	69.4	(1.9)	16.0	(1.9)	84.0	(1.9)	30.6	(1.9)	22.4	(2.6)	77.6	(2.6)	<b>-6.4</b>	(3.2)	
Chile	11.8	(2.4)	29.5	(11.0)	70.5	(11.0)	88.2	(2.4)	14.0	(2.5)	86.0	(2.5)	15.4	(11.5)	
Czech Republic	14.0	(2.1)	28.0	(9.8)	72.0	(9.8)	86.0	(2.1)	13.1	(2.1)	86.9	(2.1)	14.9	(9.8)	
Denmark	41.2	(3.3)	16.8	(4.1)	83.2	(4.1)	58.8	(3.3)	12.8	(3.4)	87.2	(3.4)	4.1	(5.5)	
Estonia	51.7	(3.0)	19.6	(2.6)	80.4	(2.6)	48.3	(3.0)	17.7	(3.7)	82.3	(3.7)	1.9	(5.0)	
Finland	66.9	(3.3)	47.9	(3.9)	52.1	(3.9)	33.1	(3.3)	64.2	(5.7)	35.8	(5.7)	<b>-16.4</b>	(6.9)	
France	60.8	(2.7)	42.6	(4.8)	57.4	(4.8)	39.2	(2.7)	28.7	(4.9)	71.3	(4.9)	13.9	(7.2)	
Germany	48.9	(3.5)	20.2	(3.6)	79.8	(3.6)	51.1	(3.5)	12.5	(3.5)	87.5	(3.5)	7.7	(5.0)	
Greece	71.5	(4.0)	30.5	(3.7)	69.5	(3.7)	28.5	(4.0)	36.3	(6.9)	63.7	(6.9)	-5.8	(8.3)	
Hungary	19.9	(2.7)	23.6	(6.7)	76.4	(6.7)	80.1	(2.7)	22.4	(4.0)	77.6	(4.0)	1.1	(8.2)	
Iceland	48.1	(0.2)	56.7	(0.3)	43.3	(0.3)	51.9	(0.2)	44.1	(0.4)	55.9	(0.4)	<b>12.6</b>	(0.5)	
Ireland	44.4	(4.0)	21.9	(4.7)	78.1	(4.7)	55.6	(4.0)	7.0	(2.5)	93.0	(2.5)	<b>14.9</b>	(5.3)	
Israel	38.8	(3.7)	23.9	(5.0)	76.1	(5.0)	61.2	(3.7)	19.7	(4.6)	80.3	(4.6)	4.2	(6.6)	
Italy	27.0	(1.9)	39.6	(4.0)	60.4	(4.0)	73.0	(1.9)	44.1	(2.0)	55.9	(2.0)	-4.6	(4.2)	
Japan	9.5	(1.9)	0.0	c	100.0	c	90.5	(1.9)	10.8	(2.0)	89.2	(2.0)	<b>-10.8</b>	(2.0)	
Korea	17.8	(3.4)	7.4	(5.1)	92.6	(5.1)	82.2	(3.4)	9.5	(2.7)	90.5	(2.7)	-2.2	(5.6)	
Luxembourg	43.7	(0.1)	41.4	(0.1)	58.6	(0.1)	56.3	(0.1)	12.7	(0.1)	87.3	(0.1)	<b>28.6</b>	(0.2)	
Mexico	9.2	(1.0)	7.4	(2.0)	92.6	(2.0)	90.8	(1.0)	12.0	(1.1)	88.0	(1.1)	<b>-4.5</b>	(2.2)	
Netherlands	21.4	(3.7)	5.1	(3.7)	94.9	(3.7)	78.6	(3.7)	10.8	(2.4)	89.2	(2.4)	-5.7	(4.2)	
New Zealand	49.9	(3.0)	6.1	(3.4)	93.9	(3.4)	50.1	(3.0)	7.8	(2.5)	92.2	(2.5)	-1.6	(4.1)	
Norway	63.3	(4.0)	63.8	(4.5)	36.2	(4.5)	36.7	(4.0)	69.9	(6.0)	30.1	(6.0)	-6.1	(7.6)	
Poland	76.7	(3.1)	25.3	(3.7)	74.7	(3.7)	23.3	(3.1)	35.9	(6.8)	64.1	(6.8)	-10.6	(8.3)	
Portugal	54.9	(4.6)	24.4	(4.4)	75.6	(4.4)	45.1	(4.6)	18.3	(4.5)	81.7	(4.5)	6.1	(6.8)	
Slovak Republic	16.8	(2.6)	25.1	(7.0)	74.9	(7.0)	83.2	(2.6)	12.4	(2.0)	87.6	(2.0)	12.7	(7.6)	
Slovenia	4.1	(0.7)	14.0	(7.3)	86.0	(7.3)	95.9	(0.7)	24.7	(0.4)	75.3	(0.4)	-10.7	(7.3)	
Spain	62.6	(3.0)	14.9	(2.2)	85.1	(2.2)	37.4	(3.0)	17.7	(3.5)	82.3	(3.5)	-2.8	(4.2)	
Sweden	50.1	(3.6)	27.7	(4.4)	72.3	(4.4)	49.9	(3.6)	34.2	(4.6)	65.8	(4.6)	-6.5	(6.7)	
Switzerland	56.6	(3.2)	60.2	(3.9)	39.8	(3.9)	43.4	(3.2)	52.1	(4.9)	47.9	(4.9)	8.1	(6.2)	
Turkey	33.4	(3.4)	27.5	(5.6)	72.5	(5.6)	66.6	(3.4)	17.5	(2.8)	82.5	(2.8)	10.0	(6.0)	
United Kingdom	48.4	(3.2)	12.5	(2.9)	87.5	(2.9)	51.6	(3.2)	4.6	(1.5)	95.4	(1.5)	<b>7.8</b>	(3.2)	
United States	74.4	(3.7)	27.2	(5.0)	72.8	(5.0)	25.6	(3.7)	15.6	(6.1)	84.4	(6.1)	11.6	(8.3)	
OECD average	40.7	(0.5)	25.2	(0.8)	74.8	(0.8)	59.3	(0.5)	22.7	(0.6)	77.3	(0.6)	<b>2.5</b>	(1.1)	
<b>Partners</b>															
Albania	38.3	(4.0)	32.9	(5.1)	67.1	(5.1)	61.7	(4.0)	34.0	(4.9)	66.0	(4.9)	-1.1	(6.9)	
Argentina	23.9	(3.0)	19.4	(6.3)	80.6	(6.3)	76.1	(3.0)	12.8	(3.4)	87.2	(3.4)	6.6	(6.7)	
Brazil	38.8	(2.3)	30.2	(3.9)	69.8	(3.9)	61.2	(2.3)	24.1	(2.7)	75.9	(2.7)	6.1	(5.0)	
Bulgaria	17.7	(2.3)	10.1	(6.0)	89.9	(6.0)	82.3	(2.3)	13.4	(2.8)	86.6	(2.8)	-3.3	(6.7)	
Colombia	25.1	(3.2)	13.6	(5.5)	86.4	(5.5)	74.9	(3.2)	13.9	(3.3)	86.1	(3.3)	-0.3	(6.5)	
Costa Rica	52.9	(3.8)	21.6	(4.3)	78.4	(4.3)	47.1	(3.8)	14.5	(3.2)	85.5	(3.2)	7.1	(5.1)	
Croatia	6.6	(1.3)	19.0	(14.3)	81.0	(14.3)	93.4	(1.3)	20.1	(3.1)	79.9	(3.1)	-1.1	(14.4)	
Cyprus*	67.8	(0.1)	52.3	(0.1)	47.7	(0.1)	32.2	(0.1)	26.0	(0.1)	74.0	(0.1)	<b>26.3</b>	(0.2)	
Hong Kong-China	14.8	(2.9)	0.0	c	100.0	c	85.2	(2.9)	1.5	(1.0)	98.5	(1.0)	-1.5	(1.0)	
Indonesia	41.9	(3.7)	6.6	(3.4)	93.4	(3.4)	58.1	(3.7)	0.7	(0.8)	99.3	(0.8)	5.9	(3.5)	
Jordan	63.3	(3.3)	30.6	(3.6)	69.4	(3.6)	36.7	(3.3)	22.5	(5.8)	77.5	(5.8)	8.1	(6.4)	
Kazakhstan	37.9	(3.9)	27.8	(5.4)	72.2	(5.4)	62.1	(3.9)	36.4	(5.2)	63.6	(5.2)	-8.6	(7.9)	
Latvia	20.5	(2.8)	7.9	(5.3)	92.1	(5.3)	79.5	(2.8)	6.4	(2.0)	93.6	(2.0)	1.5	(5.8)	
Liechtenstein	56.7	(0.6)	44.8	(1.5)	55.2	(1.5)	43.3	(0.6)	c	c	c	c	c	c	
Lithuania	60.8	(3.2)	28.0	(3.7)	72.0	(3.7)	39.2	(3.2)	22.5	(4.6)	77.5	(4.6)	5.6	(6.2)	
Macao-China	6.0	(0.0)	c	c	c	c	94.0	(0.0)	4.2	(0.0)	95.8	(0.0)	c	c	
Malaysia	31.1	(3.7)	10.8	(4.2)	89.2	(4.2)	68.9	(3.7)	19.3	(3.8)	80.7	(3.8)	-8.5	(5.8)	
Montenegro	7.6	(0.1)	70.2	(1.3)	29.8	(1.3)	92.4	(0.1)	52.1	(0.1)	47.9	(0.1)	<b>18.0</b>	(1.3)	
Peru	6.6	(1.7)	46.5	(12.5)	53.5	(12.5)	93.4	(1.7)	17.9	(2.7)	82.1	(2.7)	<b>28.6</b>	(13.1)	
Qatar	48.4	(0.1)	23.4	(0.1)	76.6	(0.1)	51.6	(0.1)	28.4	(0.1)	71.6	(0.1)	<b>-5.0</b>	(0.2)	
Romania	9.6	(2.3)	27.0	(11.3)	73.0	(11.3)	90.4	(2.3)	26.1	(3.5)	73.9	(3.5)	0.9	(11.6)	
Russian Federation	46.5	(4.2)	20.8	(3.6)	79.2	(3.6)	53.5	(4.2)	25.5	(3.6)	74.5	(3.6)	-4.7	(4.7)	
Serbia	3.2	(1.5)	c	c	c	c	96.8	(1.5)	21.6	(3.8)	78.4	(3.8)	c	c	
Shanghai-China	29.8	(3.6)	28.3	(6.1)	71.7	(6.1)	70.2	(3.6)	12.2	(3.2)	87.8	(3.2)	<b>16.0</b>	(6.6)	
Singapore	7.8	(0.6)	0.0	c	100.0	c	92.2	(0.6)	0.7	(0.0)	99.3	(0.0)	<b>-0.7</b>	(0.0)	
Chinese Taipei	27.5	(3.2)	4.5	(2.9)	95.5	(2.9)	72.5	(3.2)	3.8	(1.7)	96.2	(1.7)	0.7	(3.3)	
Thailand	42.6	(3.6)	13.0	(3.9)	87.0	(3.9)	57.4	(3.6)	9.5	(2.7)	90.5	(2.7)	3.5	(4.8)	
Tunisia	55.3	(3.7)	32.8	(4.5)	67.2	(4.5)	44.7	(3.7)	31.4	(5.9)	68.6	(5.9)	1.3	(7.7)	
United Arab Emirates	40.9	(2.1)	13.2	(2.5)	86.8	(2.5)	59.1	(2.1)	7.1	(2.0)	92.9	(2.0)	6.2	(3.2)	
Uruguay	26.7	(2.6)	43.9	(6.7)	56.1	(6.7)	73.3	(2.6)	43.6	(3.7)	56.4	(3.7)	0.3	(7.6)	
Viet Nam	41.3	(4.1)	24.8	(5.7)	75.2	(5.7)	58.7	(4.1)	19.2	(4.5)	80.8	(4.5)	5.6	(7.9)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
School type and performance in mathematics, reading and science

Table IV.4.7 Results based on school principals' reports

	Government or public schools <sup>1</sup>								Government-dependent private schools <sup>2</sup>								
	Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		
	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
<b>OECD</b>	Australia	61.0	(0.7)	489	(2.3)	495	(2.4)	506	(2.5)	26.5	(1.0)	510	(2.9)	520	(2.9)	527	(3.2)
	Austria	91.4	(2.3)	502	(3.2)	486	(3.4)	502	(3.2)	7.5	(2.1)	546	(15.9)	532	(13.7)	550	(13.1)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	92.2	(0.8)	514	(2.0)	519	(2.2)	523	(2.2)	4.3	(0.6)	570	(8.1)	567	(9.4)	550	(6.7)
	Chile	37.5	(1.6)	390	(5.0)	410	(5.0)	412	(4.5)	48.1	(2.7)	424	(4.9)	444	(4.5)	447	(4.7)
	Czech Republic	91.8	(1.9)	498	(3.8)	491	(3.9)	507	(3.7)	6.9	(1.6)	493	(17.3)	502	(17.2)	511	(15.9)
	Denmark	77.0	(1.8)	494	(2.5)	489	(3.1)	491	(2.9)	18.9	(2.0)	517	(6.2)	520	(6.3)	519	(7.1)
	Estonia	97.5	(1.0)	520	(2.0)	516	(2.1)	541	(2.0)	1.9	(1.0)	509	(36.3)	522	(39.7)	531	(44.0)
	Finland	97.0	(0.7)	518	(2.0)	523	(2.5)	545	(2.3)	3.0	(0.7)	542	(7.2)	555	(8.0)	561	(8.0)
	France	82.8	(1.4)	490	(3.2)	503	(3.4)	495	(3.2)	17.2	(1.4)	521	(6.6)	529	(9.3)	521	(7.3)
	Germany	94.5	(1.6)	511	(3.5)	506	(3.6)	521	(3.8)	5.0	(1.6)	549	(19.4)	541	(18.8)	549	(18.6)
	Greece	97.7	(0.7)	450	(2.7)	474	(3.5)	464	(3.3)	0.0	c	c	c	c	c	c	
	Hungary	84.0	(2.9)	475	(3.4)	485	(3.8)	493	(3.4)	16.0	(2.9)	489	(14.1)	507	(10.7)	505	(11.6)
	Iceland	99.5	(0.1)	493	(1.7)	483	(1.8)	478	(2.1)	0.5	(0.1)	c	c	c	c	c	c
	Ireland	43.8	(0.9)	492	(3.9)	510	(4.5)	511	(4.2)	54.0	(1.1)	502	(3.0)	527	(3.1)	524	(3.2)
	Israel	100.0	c	466	(4.7)	485	(5.0)	469	(4.9)	0.0	c	c	c	c	c	c	c
	Italy	95.3	(0.7)	487	(2.3)	492	(2.3)	495	(2.1)	1.8	(0.4)	437	(7.1)	433	(10.9)	454	(8.7)
	Japan	70.1	(1.2)	535	(3.3)	537	(3.8)	548	(3.5)	0.0	c	c	c	c	c	c	c
	Korea	52.7	(4.1)	546	(7.1)	529	(6.2)	532	(5.6)	31.4	(3.8)	539	(7.2)	525	(6.0)	527	(5.8)
	Luxembourg	84.9	(0.1)	492	(1.3)	487	(1.7)	493	(1.4)	13.4	(0.0)	464	(2.4)	478	(3.2)	467	(2.5)
	Mexico	90.7	(0.9)	408	(1.5)	418	(1.7)	410	(1.5)	0.1	(0.1)	c	c	c	c	c	c
	Netherlands	33.6	(4.4)	516	(10.0)	508	(9.8)	519	(9.2)	66.4	(4.4)	523	(5.6)	511	(5.5)	521	(5.6)
	New Zealand	94.7	(1.4)	496	(2.5)	509	(2.9)	512	(2.6)	0.0	c	c	c	c	c	c	c
	Norway	98.3	(1.0)	489	(2.8)	504	(3.2)	494	(3.2)	1.7	(1.0)	c	c	c	c	c	c
	Poland	97.1	(0.4)	516	(3.6)	517	(3.1)	524	(3.1)	1.9	(0.4)	566	(22.1)	562	(29.3)	567	(24.9)
	Portugal	89.9	(2.0)	481	(3.8)	482	(3.7)	484	(3.8)	5.8	(1.9)	516	(7.3)	517	(9.1)	513	(8.6)
	Slovak Republic	91.0	(2.4)	478	(4.1)	458	(5.0)	468	(4.4)	8.6	(2.5)	520	(20.2)	513	(21.0)	508	(18.0)
	Slovenia	97.6	(0.1)	501	(1.3)	481	(1.2)	514	(1.4)	2.4	(0.1)	589	(6.9)	571	(6.5)	601	(6.7)
	Spain	68.2	(0.8)	471	(2.5)	476	(2.5)	485	(2.5)	24.4	(1.1)	506	(3.6)	507	(3.9)	515	(3.3)
	Sweden	86.0	(0.7)	476	(2.4)	480	(3.3)	482	(3.3)	14.0	(0.7)	491	(7.9)	505	(9.2)	501	(8.3)
	Switzerland	93.7	(1.3)	532	(3.3)	509	(2.9)	515	(3.0)	1.5	(0.8)	567	(18.4)	540	(18.4)	529	(10.6)
	Turkey	100.0	c	447	(4.9)	475	(4.2)	463	(3.9)	0.0	c	c	c	c	c	c	c
	United Kingdom	56.2	(3.1)	485	(3.6)	492	(4.1)	506	(4.1)	36.0	(3.2)	494	(7.6)	499	(8.8)	515	(8.0)
	United States	94.9	(0.9)	482	(4.0)	497	(4.1)	498	(4.2)	0.0	c	c	c	c	c	c	c
	OECD average	81.7	(0.3)	489	(0.7)	491	(0.7)	496	(0.6)	14.2	(0.4)	517	(2.6)	518	(2.8)	521	(2.7)
<b>Partners</b>	Albania	91.7	(2.1)	393	(2.2)	393	(3.3)	397	(2.6)	0.0	c	c	c	c	c	c	c
	Argentina	67.7	(2.3)	368	(4.1)	370	(4.2)	382	(4.4)	25.6	(2.9)	428	(5.7)	448	(7.5)	454	(5.3)
	Brazil	86.5	(1.3)	376	(2.0)	396	(2.3)	390	(2.2)	0.6	(0.4)	c	c	c	c	c	c
	Bulgaria	98.8	(0.9)	438	(4.1)	435	(6.1)	446	(4.9)	0.0	c	c	c	c	c	c	c
	Colombia	85.9	(1.4)	369	(2.8)	394	(3.5)	392	(3.0)	4.0	(0.8)	362	(8.0)	393	(8.2)	375	(8.1)
	Costa Rica	86.9	(1.4)	396	(3.3)	430	(3.8)	419	(3.2)	3.6	(0.9)	465	(17.1)	498	(15.2)	490	(14.2)
	Croatia	98.2	(1.1)	471	(3.6)	484	(3.4)	491	(3.2)	0.8	(0.8)	c	c	c	c	c	c
	Cyprus*	83.9	(0.0)	430	(1.3)	444	(1.4)	429	(1.3)	0.0	c	c	c	c	c	c	c
	Hong Kong-China	7.0	(0.2)	597	(9.5)	571	(9.1)	582	(7.7)	91.9	(0.8)	560	(3.5)	543	(3.0)	554	(2.8)
	Indonesia	58.9	(2.6)	377	(5.0)	399	(5.5)	385	(4.8)	17.5	(2.3)	342	(5.6)	362	(7.0)	352	(5.7)
	Jordan	83.3	(1.5)	376	(3.1)	390	(4.0)	400	(3.3)	0.9	(0.6)	c	c	c	c	c	c
	Kazakhstan	97.2	(1.0)	432	(3.0)	392	(2.8)	425	(3.0)	0.7	(0.5)	c	c	c	c	c	c
	Latvia	97.7	(1.5)	490	(2.9)	488	(2.5)	501	(2.9)	0.4	(0.4)	c	c	c	c	c	c
	Liechtenstein	93.6	(0.4)	541	(3.9)	519	(4.3)	528	(3.6)	0.0	c	c	c	c	c	c	c
	Lithuania	98.6	(0.7)	478	(2.7)	476	(2.5)	495	(2.6)	1.1	(0.6)	c	c	c	c	c	c
	Macao-China	4.2	(0.0)	c	c	c	c	c	c	81.3	(0.0)	537	(1.1)	509	(0.9)	520	(0.9)
	Malaysia	96.6	(0.7)	418	(3.2)	397	(3.2)	418	(2.9)	0.0	c	c	c	c	c	c	c
	Montenegro	99.6	(0.0)	410	(1.1)	422	(1.2)	410	(1.1)	0.0	c	c	c	c	c	c	c
	Peru	85.3	(1.8)	350	(3.2)	366	(3.8)	358	(3.2)	0.0	c	c	c	c	c	c	c
	Qatar	61.9	(0.1)	335	(1.0)	350	(1.0)	341	(0.9)	0.9	(0.0)	c	c	c	c	c	c
	Romania	99.4	(0.6)	444	(3.7)	437	(3.9)	438	(3.2)	0.0	c	c	c	c	c	c	c
	Russian Federation	99.4	(0.6)	482	(3.0)	474	(3.0)	486	(2.9)	0.0	c	c	c	c	c	c	c
	Serbia	99.6	(0.4)	448	(3.9)	446	(3.8)	444	(3.8)	0.0	c	c	c	c	c	c	c
	Shanghai-China	90.7	(1.8)	609	(3.4)	567	(2.8)	578	(3.1)	0.0	c	c	c	c	c	c	c
	Singapore	97.6	(0.7)	574	(1.2)	542	(1.2)	552	(1.3)	0.0	c	c	c	c	c	c	c
	Chinese Taipei	67.6	(1.4)	581	(3.7)	538	(3.3)	539	(2.7)	4.6	(1.3)	469	(9.5)	465	(10.6)	458	(9.4)
	Thailand	83.5	(0.6)	433	(3.8)	447	(3.3)	450	(3.2)	11.6	(1.5)	396	(5.1)	412	(4.7)	417	(4.6)
	Tunisia	99.4	(0.4)	389	(3.9)	405	(4.5)	399	(3.5)	0.0	c	c	c	c	c	c	c
	United Arab Emirates	54.5	(1.7)	399	(2.6)	413	(2.8)	419	(2.9)	0.6	(0.4)	c	c	c	c	c	c
	Uruguay	83.3	(1.2)	393	(2.6)	394	(3.2)	399	(2.8)	0.0	c	c	c	c	c	c	c
	Viet Nam	92.6	(1.1)	513	(5.1)	510	(4.7)	530	(4.6)	0.0	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

\* See notes at the beginning of this Annex.

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[Part 2/2]

## School type and performance in mathematics, reading and science

Table IV.4.7 Results based on school principals' reports

	Government-independent private schools <sup>1</sup>										PISA index of economic, social and cultural status						Difference in performance on the mathematics scale between public and private schools (government-independent and government-dependent schools combined)		Difference in performance on the mathematics scale between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
	Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		Dif. (Pub. - Priv.)		Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools			
	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Dif. (Pub. - Priv.)	S.E.	Mean index	S.E.	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.		
<b>OECD</b>	12.5 (0.9)		559 (3.6)		567 (3.8)		576 (3.9)		<b>-37</b> (3.4)		0.06 (0.0)		0.52 (0.0)		<b>-0.46</b> (0.0)		<b>-17</b> (3.4)		8 (4.3)			
Australia	1.1 (0.9)		559 (14.5)		548 (11.2)		560 (11.4)		<b>-45</b> (14.9)		0.02 (0.0)		0.64 (0.1)		<b>-0.62</b> (0.1)		-18 (13.3)		21 (15.7)			
Austria	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w			
Belgium	3.5 (0.8)		566 (10.1)		566 (9.5)		565 (9.9)		<b>-54</b> (6.7)		0.37 (0.0)		0.85 (0.1)		<b>-0.48</b> (0.1)		<b>-38</b> (6.5)		<b>-25</b> (6.6)			
Canada	14.5 (2.2)		503 (6.6)		511 (5.9)		520 (6.4)		<b>-53</b> (6.1)		-1.09 (0.1)		-0.26 (0.0)		<b>-0.84</b> (0.1)		<b>-27</b> (6.0)		<b>-8</b> (6.7)			
Chile	1.3 (0.9)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Czech Republic	4.2 (1.5)		527 (13.0)		519 (14.5)		526 (17.7)		<b>-25</b> (6.4)		0.35 (0.0)		0.69 (0.0)		<b>-0.34</b> (0.1)		<b>-11</b> (5.0)		0 (4.6)			
Denmark	0.5 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Estonia	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Finland	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
France	0.5 (0.4)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Germany	2.3 (0.7)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Greece	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Hungary	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Iceland	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Ireland	2.2 (1.1)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Israel	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Italy	2.9 (0.5)		515 (8.9)		522 (9.3)		526 (9.0)		3 (7.7)		-0.07 (0.0)		0.23 (0.1)		<b>-0.30</b> (0.1)		12 (6.1)		31 (7.8)			
Japan	29.9 (1.2)		540 (9.6)		541 (9.3)		544 (9.4)		-5 (10.3)		-0.15 (0.0)		0.12 (0.0)		<b>-0.28</b> (0.0)		6 (8.7)		43 (6.7)			
Korea	15.9 (3.1)		609 (10.5)		582 (8.9)		579 (7.6)		<b>-17</b> (10.1)		0.00 (0.0)		0.03 (0.0)		-0.04 (0.1)		-15 (8.4)		-12 (6.9)			
Luxembourg	1.8 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Mexico	9.2 (0.8)		452 (6.0)		466 (6.3)		451 (4.7)		<b>13</b> (6.5)		-1.30 (0.0)		0.29 (0.1)		<b>-1.59</b> (0.1)		<b>-16</b> (5.4)		<b>18</b> (4.6)			
Netherlands	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
New Zealand	5.3 (1.4)		583 (6.8)		593 (6.8)		593 (6.2)		<b>-87</b> (6.9)		0.00 (0.0)		0.84 (0.1)		<b>-0.84</b> (0.1)		<b>-43</b> (7.2)		0 (9.4)			
Norway	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Poland	1.0 (0.2)		581 (14.9)		577 (14.3)		583 (14.3)		<b>-56</b> (12.9)		-0.24 (0.0)		0.77 (0.1)		<b>-1.01</b> (0.1)		-15 (11.3)		15 (12.9)			
Portugal	4.2 (1.4)		581 (5.2)		572 (5.8)		574 (8.4)		<b>-62</b> (9.4)		-0.58 (0.0)		0.37 (0.2)		<b>-0.95</b> (0.2)		<b>-29</b> (4.8)		-7 (7.2)			
Slovak Republic	0.5 (0.3)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Slovenia	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Spain	7.4 (1.0)		523 (4.8)		528 (5.2)		530 (3.7)		<b>-39</b> (3.3)		-0.39 (0.0)		0.20 (0.1)		<b>-0.59</b> (0.1)		<b>-21</b> (3.3)		<b>-10</b> (4.1)			
Sweden	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Switzerland	4.8 (1.0)		505 (13.0)		493 (10.2)		509 (9.8)		12 (14.8)		0.13 (0.0)		0.71 (0.1)		<b>-0.57</b> (0.1)		34 (14.3)		71 (15.5)			
Turkey	0.0 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
United Kingdom	7.8 (0.7)		569 (12.7)		577 (11.7)		592 (11.0)		<b>-23</b> (8.1)		0.18 (0.0)		0.40 (0.0)		<b>-0.21</b> (0.0)		<b>-13</b> (5.9)		-1 (5.2)			
United States	5.1 (0.9)		496 (10.0)		527 (13.1)		518 (13.8)		-14 (11.4)		0.15 (0.0)		0.73 (0.1)		<b>-0.58</b> (0.1)		7 (8.1)		27 (6.4)			
OECD average	4.1 (0.2)		542 (2.5)		543 (2.4)		547 (2.5)		<b>-28</b> (2.1)		-0.07 (0.0)		0.39 (0.0)		<b>-0.46</b> (0.0)		<b>-12</b> (1.7)		7 (1.6)			
<b>Partners</b>	8.3 (2.1)		403 (6.4)		392 (15.1)		402 (12.0)		-10 (6.8)		c	c	c	c	c	c	c	c	c			
Albania	6.7 (2.2)		428 (14.3)		442 (12.9)		443 (19.0)		<b>-60</b> (7.3)		-0.95 (0.0)		-0.30 (0.1)		<b>-0.65</b> (0.1)		<b>-45</b> (6.3)		<b>-27</b> (8.3)			
Argentina	12.8 (1.3)		461 (6.9)		479 (6.1)		471 (6.2)		<b>-83</b> (6.7)		-1.42 (0.0)		-0.03 (0.1)		<b>-1.39</b> (0.1)		<b>-60</b> (6.0)		<b>-19</b> (7.1)			
Brazil	1.2 (0.9)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Bulgaria	10.1 (1.4)		441 (12.7)		476 (12.2)		455 (13.0)		<b>-50</b> (11.0)		-1.42 (0.0)		-0.44 (0.1)		<b>-0.99</b> (0.1)		<b>-28</b> (9.0)		-7 (8.2)			
Colombia	9.5 (1.5)		478 (9.5)		510 (9.8)		496 (9.3)		<b>-78</b> (8.6)		-1.22 (0.0)		0.38 (0.1)		<b>-1.61</b> (0.1)		<b>-48</b> (8.4)		-10 (10.8)			
Costa Rica	0.9 (0.7)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Croatia	16.1 (0.0)		486 (2.5)		472 (3.1)		477 (3.2)		<b>-56</b> (2.9)		-0.04 (0.0)		0.69 (0.0)		<b>-0.72</b> (0.0)		<b>-31</b> (3.3)		16 (3.7)			
Cyprus*	1.2 (0.7)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Hong Kong-China	23.7 (2.7)		395 (10.7)		413 (8.8)		394 (8.8)		5 (8.9)		-1.78 (0.1)		-1.81 (0.1)		0.03 (0.1)		4 (7.6)		4 (8.4)			
Indonesia	15.8 (1.2)		440 (10.8)		447 (10.4)		457 (9.9)		<b>-60</b> (10.7)		-0.51 (0.0)		0.04 (0.1)		<b>-0.55</b> (0.1)		<b>-48</b> (9.7)		<b>-33</b> (8.4)			
Jordan	2.1 (0.9)		436 (14.7)		412 (9.5)		442 (14.0)		-2 (12.4)		-0.32 (0.0)		-0.16 (0.1)		<b>-0.16</b> (0.1)		2 (11.3)		8 (10.6)			
Kazakhstan	1.9 (1.3)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Latvia	6.4 (0.4)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Liechtenstein	0.4 (0.4)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Lithuania	14.5 (0.0)		559 (2.9)		523 (2.5)		534 (2.5)		c	c	c	c	c	c	c	c	c	c	c			
Macao-China	3.4 (0.7)		505 (27.3)		432 (36.7)		465 (31.6)		<b>-87</b> (27.8)		-0.75 (0.0)		0.04 (0.2)		<b>-0.79</b> (0.2)		<b>-65</b> (23.2)		<b>-39</b> (18.9)			
Malaysia	0.4 (0.0)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Montenegro	14.7 (1.8)		424 (11.3)		437 (11.4)		419 (9.5)		<b>-74</b> (12.0)		-1.52 (0.0)		-0.31 (0.1)		<b>-1.21</b> (0.1)		<b>-42</b> (9.0)		-7 (7.4)			
Peru	37.2 (0.1)		442 (1.3)		447 (1.5)		451 (1.4)		<b>-108</b> (1.7)		0.32 (0.0)		0.62 (0.0)		<b>-0.30</b> (0.0)		<b>-102</b> (1.7)		<b>-93</b> (1.6)			
Qatar	0.6 (0.6)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Romania	0.6 (0.6)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Russian Federation	0.4 (0.4)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Serbia	9.3 (1.8)		644 (9.3)		599 (9.3)		600 (8.5)		<b>-35</b> (10.1)		-0.40 (0.0)		0.05 (0.1)		<b>-0.45</b> (0.1)		<b>-16</b> (7.7)		10 (9.4)			
Shanghai-China	2.4 (0.7)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Singapore	27.9 (1.9)		529 (7.9)		501 (7.4)		501 (5.5)		60 (7.3)		-0.36 (0.0)		-0.47 (0.0)		0.12 (0.1)		54 (5.0)		44 (4.4)			
Chinese Taipei	4.9 (1.3)		398 (23.2)		417 (25.1)		410 (22.0)		36 (8.9)		-1.37 (0.0)		-1.23 (0.1)		-0.14 (0.2)		39 (6.4)		42 (5.2)			
Thailand	0.6 (0.4)		c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c			
Tunisia	44.9 (1.7)		461 (4.3)		464 (4.6)		469 (5.3)		<b>-62</b> (4.9)		0.05 (0.0)		0.56 (0.0)		<b>-0.51</b> (0.0)		<b>-50</b> (4.5)		<b>-28</b> (4.4)			
United Arab Emirates	16.7 (1.2)		492 (6.6)		497 (6.8)		501 (6.9)		<b>-100</b> (7.1)		-1.15 (0.0)		0.46 (0.1)		<b>-1.61</b> (0.1)		<b>-55</b> (5.9)		28 (8.8)			
Uruguay	7.4 (1.1)		499 (11.6)		493 (7.6)		515 (11.1)		14 (12.4)		-1.86 (0.0)		-1.15 (0.2)		<b>-0.71</b> (0.2)		36 (12.9)		58 (16.3)			
Viet Nam																						

Note: Values that are statistically significant are indicated in bold (see Annex A3).



[Part 1/7]  
**School management and leadership**  
 Results based on school principals' reports

Table IV.4.8

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:															
		Use student performance results to develop the school's educational goals								Make sure that professional development activities for teachers are in accordance with the teaching goals of the school							
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	12.9	(1.3)	35.8	(1.7)	34.7	(1.9)	16.5	(1.5)	5.9	(1.0)	20.1	(1.7)	48.5	(1.7)	25.5	(1.5)
	Austria	31.2	(3.5)	22.4	(3.4)	37.3	(3.3)	9.1	(2.4)	28.1	(3.7)	35.4	(4.3)	29.0	(3.6)	7.5	(2.2)
	Belgium	63.1	(3.0)	24.7	(2.7)	9.1	(1.8)	3.1	(1.0)	26.6	(2.6)	30.9	(2.9)	29.9	(3.0)	12.7	(2.3)
	Canada	22.3	(1.6)	42.8	(2.3)	28.9	(2.1)	6.0	(1.1)	14.0	(1.6)	32.2	(2.4)	42.0	(2.4)	11.8	(1.5)
	Chile	27.1	(3.5)	22.9	(3.3)	37.3	(3.8)	12.7	(2.6)	17.6	(3.2)	14.6	(2.8)	52.0	(3.7)	15.8	(2.8)
	Czech Republic	19.3	(3.0)	44.7	(3.8)	28.8	(3.4)	7.3	(2.0)	21.0	(3.0)	36.3	(3.7)	36.1	(4.0)	6.6	(1.9)
	Denmark	47.0	(3.6)	25.1	(3.3)	22.9	(2.8)	4.9	(1.5)	38.2	(3.6)	26.9	(3.0)	29.5	(3.1)	5.3	(1.5)
	Estonia	27.3	(2.7)	32.1	(3.0)	31.5	(2.9)	9.1	(2.1)	31.5	(3.0)	25.6	(2.7)	37.3	(2.9)	5.5	(1.5)
	Finland	51.7	(3.3)	31.0	(3.1)	14.3	(2.5)	3.0	(0.8)	42.3	(2.9)	29.6	(3.0)	20.6	(2.8)	7.6	(1.8)
	France	30.0	(3.1)	48.5	(3.2)	13.8	(2.6)	7.7	(1.7)	54.2	(3.7)	29.7	(3.2)	10.5	(2.2)	5.6	(1.7)
	Germany	25.1	(3.2)	35.0	(3.5)	33.2	(3.5)	6.7	(1.7)	24.4	(3.2)	31.0	(3.4)	42.6	(3.5)	2.0	(1.0)
	Greece	47.9	(3.9)	28.3	(4.0)	13.8	(2.8)	10.0	(1.9)	43.5	(3.8)	30.7	(3.7)	20.8	(3.4)	5.0	(1.4)
	Hungary	26.8	(3.0)	34.5	(3.8)	29.4	(3.4)	9.3	(2.2)	27.5	(3.9)	23.0	(3.0)	41.1	(3.7)	8.5	(2.0)
	Iceland	26.9	(0.2)	47.9	(0.2)	21.0	(0.2)	4.3	(0.1)	29.0	(0.2)	30.5	(0.2)	31.9	(0.2)	8.6	(0.1)
	Ireland	33.7	(4.2)	42.4	(4.1)	17.1	(3.1)	6.9	(2.0)	25.3	(3.5)	30.2	(3.4)	32.5	(3.6)	12.0	(2.4)
	Israel	16.8	(2.9)	30.8	(3.5)	42.8	(4.3)	9.5	(2.3)	28.2	(3.6)	34.3	(3.9)	29.9	(3.8)	7.6	(2.0)
	Italy	28.9	(1.6)	30.7	(2.0)	23.6	(1.6)	16.8	(1.6)	20.5	(1.7)	30.2	(2.0)	30.6	(2.1)	18.7	(1.8)
	Japan	80.4	(2.7)	16.4	(2.6)	2.7	(1.2)	0.6	(0.6)	55.9	(3.5)	34.4	(3.3)	8.0	(2.0)	1.7	(1.0)
	Korea	24.2	(3.3)	52.6	(4.2)	18.7	(3.3)	4.5	(1.4)	26.0	(3.3)	38.2	(3.7)	29.9	(4.0)	5.8	(2.0)
	Luxembourg	57.2	(0.1)	30.1	(0.1)	12.8	(0.1)	0.0	c	31.2	(0.1)	53.0	(0.1)	14.4	(0.1)	1.4	(0.0)
	Mexico	21.0	(1.6)	38.5	(1.9)	28.7	(1.7)	11.8	(1.3)	26.3	(1.8)	34.6	(1.9)	28.0	(1.6)	11.1	(1.1)
	Netherlands	20.5	(3.1)	35.5	(4.2)	35.4	(4.0)	8.5	(2.2)	22.4	(3.4)	33.5	(4.0)	34.3	(3.7)	9.9	(2.7)
	New Zealand	26.4	(3.5)	36.0	(4.0)	25.6	(3.1)	12.1	(2.8)	10.3	(2.2)	31.9	(3.8)	42.9	(4.7)	14.8	(3.1)
	Norway	23.6	(3.1)	29.7	(3.3)	36.5	(3.7)	10.2	(2.3)	25.2	(3.3)	30.6	(3.3)	34.2	(3.7)	10.1	(2.2)
	Poland	51.9	(3.6)	29.5	(2.9)	12.4	(2.7)	6.2	(1.7)	76.0	(3.5)	16.0	(3.1)	7.7	(2.3)	0.2	(0.1)
	Portugal	17.6	(3.4)	33.1	(4.2)	26.0	(3.5)	23.4	(3.4)	41.1	(4.6)	33.5	(4.1)	16.2	(2.8)	9.2	(2.2)
	Slovak Republic	25.9	(3.6)	42.2	(4.5)	24.6	(3.3)	7.2	(1.9)	30.2	(3.5)	25.1	(3.5)	36.7	(3.6)	8.0	(1.8)
	Slovenia	33.1	(0.8)	30.0	(0.8)	30.6	(0.5)	6.3	(0.2)	12.9	(0.6)	24.9	(0.5)	44.4	(0.7)	17.9	(0.4)
	Spain	43.0	(2.5)	44.5	(2.8)	8.3	(1.2)	4.2	(1.3)	51.7	(2.8)	31.2	(2.4)	12.7	(1.8)	4.3	(1.4)
	Sweden	14.5	(2.6)	31.7	(3.5)	46.3	(3.6)	7.6	(1.8)	33.2	(3.8)	30.2	(3.4)	28.0	(3.4)	8.6	(1.8)
	Switzerland	68.3	(3.4)	21.7	(3.4)	8.6	(1.8)	1.5	(0.9)	57.7	(3.3)	26.5	(3.0)	14.3	(2.6)	1.5	(0.9)
	Turkey	13.1	(2.5)	29.1	(3.4)	42.6	(3.6)	15.2	(2.8)	35.5	(4.0)	21.3	(3.4)	28.5	(4.0)	14.7	(3.0)
	United Kingdom	9.6	(2.0)	20.3	(2.4)	39.3	(3.4)	30.8	(3.4)	11.5	(2.2)	19.9	(2.3)	43.6	(3.7)	25.0	(3.3)
United States	10.0	(2.4)	24.0	(3.7)	44.6	(4.9)	21.4	(3.9)	7.2	(2.1)	18.5	(3.8)	52.9	(4.0)	21.3	(3.7)	
OECD average	31.7	(0.5)	33.1	(0.5)	26.0	(0.5)	9.2	(0.4)	30.4	(0.5)	29.3	(0.5)	30.6	(0.5)	9.8	(0.3)	
Partners	Albania	25.2	(3.3)	18.6	(3.2)	39.8	(3.5)	16.3	(3.2)	5.3	(1.8)	15.7	(2.7)	53.1	(4.1)	25.9	(3.6)
	Argentina	30.2	(3.3)	37.4	(3.6)	21.3	(3.6)	11.1	(2.7)	28.5	(3.8)	28.9	(3.5)	30.0	(3.8)	12.6	(2.9)
	Brazil	17.6	(2.3)	33.3	(2.7)	27.6	(2.4)	21.5	(2.2)	2.8	(0.7)	10.5	(1.6)	29.3	(2.3)	57.4	(2.3)
	Bulgaria	33.0	(3.8)	36.0	(3.6)	19.4	(2.8)	11.6	(2.6)	14.7	(2.7)	38.7	(3.7)	31.7	(3.3)	14.9	(2.5)
	Colombia	19.3	(2.9)	41.0	(4.0)	20.7	(3.6)	19.1	(3.1)	27.7	(3.2)	26.4	(3.4)	34.0	(3.1)	11.9	(3.0)
	Costa Rica	31.6	(3.6)	44.9	(3.9)	15.7	(2.7)	7.8	(1.8)	29.7	(3.3)	30.3	(3.5)	28.1	(3.5)	12.0	(2.2)
	Croatia	25.1	(3.5)	38.9	(4.0)	23.4	(3.2)	12.6	(2.6)	21.9	(3.3)	32.2	(3.9)	36.2	(3.6)	9.7	(2.3)
	Cyprus*	14.9	(0.1)	32.0	(0.1)	24.7	(0.1)	28.4	(0.1)	12.9	(0.1)	27.3	(0.1)	34.7	(0.1)	25.0	(0.1)
	Hong Kong-China	33.4	(4.1)	42.3	(3.5)	20.3	(3.8)	4.0	(1.3)	17.4	(3.0)	57.3	(4.3)	21.2	(3.7)	4.2	(1.7)
	Indonesia	26.9	(3.7)	33.6	(3.6)	24.6	(3.6)	14.9	(2.9)	19.4	(2.7)	28.4	(4.0)	36.9	(3.8)	15.3	(2.6)
	Jordan	18.9	(2.9)	19.6	(2.9)	43.5	(3.5)	18.0	(3.2)	24.1	(3.4)	15.9	(2.7)	40.1	(3.7)	19.9	(3.3)
	Kazakhstan	3.8	(1.2)	26.6	(3.5)	39.5	(4.0)	30.1	(3.6)	5.4	(1.4)	10.4	(2.3)	40.8	(4.0)	43.3	(3.8)
	Latvia	27.9	(3.5)	33.8	(3.6)	24.7	(3.3)	13.6	(2.3)	21.0	(3.0)	34.9	(3.3)	28.3	(3.3)	15.8	(2.6)
	Liechtenstein	68.2	(0.8)	17.5	(0.5)	8.9	(1.0)	5.4	(0.7)	44.9	(0.9)	34.1	(0.4)	15.7	(0.9)	5.4	(0.7)
	Lithuania	72.8	(2.9)	19.5	(2.6)	6.2	(1.7)	1.4	(0.8)	35.2	(3.0)	24.9	(3.0)	34.5	(3.2)	5.4	(1.7)
	Macao-China	41.6	(0.1)	48.6	(0.1)	8.7	(0.0)	1.1	(0.0)	19.2	(0.0)	53.0	(0.1)	24.2	(0.1)	3.7	(0.0)
	Malaysia	5.3	(1.8)	39.0	(4.0)	27.3	(3.7)	28.5	(3.4)	4.0	(1.6)	29.9	(3.6)	38.8	(3.8)	27.4	(3.3)
	Montenegro	10.3	(0.1)	45.4	(0.2)	25.1	(0.1)	19.2	(0.1)	19.9	(0.1)	19.1	(0.1)	41.0	(0.1)	20.0	(0.1)
	Peru	38.7	(3.1)	34.0	(3.0)	18.7	(2.6)	8.5	(2.1)	30.0	(3.5)	30.9	(3.4)	26.2	(3.2)	12.9	(2.4)
	Qatar	9.8	(0.1)	32.6	(0.1)	32.6	(0.1)	25.0	(0.1)	10.1	(0.1)	25.0	(0.1)	32.8	(0.1)	32.0	(0.1)
	Romania	62.8	(3.3)	15.7	(2.4)	13.9	(2.7)	7.6	(2.2)	60.9	(3.2)	20.2	(3.0)	11.2	(2.4)	7.7	(1.8)
	Russian Federation	42.7	(3.2)	26.8	(2.9)	19.6	(2.5)	10.9	(2.3)	10.9	(2.1)	25.0	(2.9)	50.6	(3.6)	13.6	(2.5)
	Serbia	22.9	(3.4)	33.9	(4.4)	28.7	(3.5)	14.6	(3.1)	16.7	(2.9)	28.5	(3.8)	32.7	(3.5)	22.1	(3.7)
	Shanghai-China	75.1	(3.6)	16.9	(3.1)	7.3	(2.1)	0.7	(0.1)	21.8	(3.2)	40.8	(3.9)	33.2	(3.6)	4.3	(1.7)
	Singapore	13.1	(0.6)	52.3	(0.5)	21.6	(0.5)	13.0	(0.1)	13.6	(0.6)	35.6	(0.5)	34.5	(0.6)	16.3	(0.2)
	Chinese Taipei	34.7	(3.6)	22.8	(3.1)	25.3	(3.6)	17.2	(3.1)	12.8	(2.6)	36.2	(3.8)	34.8	(3.9)	16.2	(3.0)
	Thailand	27.8	(2.8)	26.9	(3.2)	26.0	(3.3)	19.3	(3.1)	19.8	(3.0)	28.8	(3.3)	36.3	(3.0)	15.1	(3.1)
	Tunisia	44.6	(4.3)	49.1	(4.2)	2.9	(1.4)	3.5	(1.5)	64.4	(3.6)	19.3	(3.5)	11.4	(2.5)	4.9	(1.9)
	United Arab Emirates	11.2	(1.6)	37.8	(2.6)	32.5	(2.5)	18.5	(2.0)	10.6	(1.9)	26.3	(2.5)	43.5	(2.8)	19.5	(2.1)
	Uruguay	27.4	(3.3)	31.9	(3.4)	28.1	(3.0)	12.6	(2.5)	30.7	(3.4)	16.8	(2.9)	34.5	(3.9)	18.0	(3.0)
Viet Nam	45.0	(4.2)	32.5	(3.9)	19.4	(3.2)	3.1	(1.4)	31.1	(4.2)	34.8	(3.7)	33.3	(3.9)	0.7	(0.7)	

\* See notes at the beginning of this Annex.  
 StatLink <http://dx.doi.org/10.1787/888932957498>




[Part 2/7]

**School management and leadership**Table IV.4.8 *Results based on school principals' reports*

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:															
		Ensure that teachers work according to the school's educational goals								Discuss the school's academic goals with teachers at faculty meetings							
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	4.8	(0.8)	18.2	(1.6)	41.1	(1.8)	35.8	(1.8)	12.3	(1.3)	19.2	(1.6)	62.4	(2.0)	6.1	(0.9)
	Austria	19.7	(3.3)	28.3	(3.1)	40.7	(4.1)	11.3	(2.8)	21.3	(3.8)	55.6	(4.2)	22.0	(2.7)	1.1	(0.8)
	Belgium	19.7	(2.6)	27.6	(2.6)	30.7	(3.0)	21.9	(2.6)	35.2	(3.4)	41.6	(3.3)	18.5	(2.6)	4.7	(1.3)
	Canada	9.1	(1.4)	21.1	(2.1)	42.5	(2.4)	27.3	(2.3)	5.7	(1.0)	13.8	(1.4)	75.1	(2.0)	5.5	(1.0)
	Chile	3.9	(1.4)	19.1	(2.8)	58.1	(3.7)	18.9	(3.1)	10.3	(2.6)	18.2	(2.9)	60.9	(3.2)	10.6	(2.7)
	Czech Republic	9.0	(2.3)	30.8	(3.3)	45.8	(3.6)	14.4	(3.2)	14.3	(2.8)	52.4	(4.1)	33.1	(3.7)	0.2	(0.2)
	Denmark	38.1	(3.7)	26.8	(3.8)	28.7	(3.3)	6.4	(1.5)	27.2	(3.2)	35.5	(3.8)	35.2	(3.3)	2.1	(1.0)
	Estonia	17.5	(2.5)	22.8	(2.6)	42.2	(2.6)	17.5	(2.7)	24.9	(2.7)	42.8	(3.0)	30.9	(2.7)	1.4	(1.2)
	Finland	32.7	(3.0)	32.5	(3.4)	24.0	(2.9)	10.8	(2.1)	22.1	(3.2)	25.2	(3.0)	50.0	(3.8)	2.6	(1.4)
	France	17.8	(2.5)	40.7	(3.3)	26.9	(3.1)	14.6	(2.6)	9.5	(2.1)	57.5	(3.5)	27.8	(2.9)	5.2	(1.7)
	Germany	18.6	(3.2)	28.2	(3.4)	44.8	(3.4)	8.4	(2.2)	28.0	(3.7)	40.5	(3.7)	28.8	(3.4)	2.7	(1.2)
	Greece	17.8	(3.1)	14.7	(2.5)	47.3	(4.1)	20.2	(3.1)	16.6	(2.7)	45.9	(3.9)	29.7	(3.8)	7.9	(2.0)
	Hungary	1.2	(0.7)	9.4	(2.3)	48.9	(3.7)	40.6	(3.6)	36.3	(3.7)	34.5	(4.3)	27.5	(3.7)	1.6	(0.8)
	Iceland	32.5	(0.2)	30.4	(0.2)	28.2	(0.2)	9.0	(0.1)	3.9	(0.1)	29.2	(0.2)	63.8	(0.2)	3.1	(0.0)
	Ireland	15.4	(3.2)	28.1	(3.7)	27.9	(3.5)	28.6	(3.7)	32.7	(3.9)	39.7	(3.9)	20.5	(3.2)	7.1	(1.9)
	Israel	6.2	(1.9)	34.4	(3.6)	45.1	(4.3)	14.2	(3.0)	11.5	(2.5)	31.4	(3.6)	51.0	(3.9)	6.1	(1.9)
	Italy	7.7	(1.2)	27.2	(1.9)	37.7	(2.1)	27.4	(2.0)	7.3	(1.4)	56.0	(2.2)	25.5	(1.8)	11.2	(1.3)
	Japan	45.6	(3.9)	38.2	(3.6)	11.4	(2.0)	4.7	(1.6)	44.3	(4.0)	30.3	(3.5)	23.8	(3.3)	1.6	(0.9)
	Korea	33.7	(3.7)	31.8	(3.9)	29.5	(3.7)	5.1	(1.8)	22.4	(3.4)	12.9	(2.8)	60.2	(3.9)	4.5	(1.4)
	Luxembourg	14.9	(0.1)	26.0	(0.1)	32.5	(0.1)	26.6	(0.1)	20.2	(0.1)	36.3	(0.1)	35.3	(0.1)	8.1	(0.1)
	Mexico	9.4	(1.1)	26.5	(2.0)	45.9	(2.2)	18.2	(1.4)	14.4	(1.2)	36.4	(2.0)	41.4	(1.9)	7.7	(0.9)
	Netherlands	16.7	(3.2)	24.5	(4.1)	40.3	(4.0)	18.5	(3.4)	50.8	(4.2)	33.1	(4.3)	14.6	(2.7)	1.5	(1.1)
	New Zealand	14.7	(2.8)	31.8	(4.2)	38.6	(4.3)	14.9	(3.2)	11.2	(2.6)	29.8	(4.3)	56.8	(4.7)	2.3	(1.4)
	Norway	11.8	(2.2)	32.3	(3.2)	41.7	(3.3)	14.2	(2.5)	5.6	(1.9)	29.0	(3.7)	63.6	(3.8)	1.9	(1.1)
	Poland	21.2	(3.1)	40.9	(3.6)	34.3	(3.7)	3.6	(1.6)	15.4	(2.9)	63.0	(3.8)	20.1	(3.2)	1.4	(1.0)
	Portugal	13.3	(2.7)	26.4	(4.2)	33.6	(3.7)	26.7	(3.8)	1.7	(0.8)	10.7	(2.8)	81.7	(3.3)	5.9	(2.1)
	Slovak Republic	10.6	(2.4)	15.4	(3.2)	50.1	(4.2)	23.9	(3.0)	1.9	(1.2)	36.3	(3.2)	61.8	(3.1)	0.0	c
	Slovenia	10.2	(0.4)	12.1	(0.4)	47.3	(0.8)	30.4	(0.7)	6.4	(0.4)	25.5	(0.8)	63.9	(0.8)	4.2	(0.2)
Spain	11.4	(1.9)	35.3	(2.2)	38.7	(2.8)	14.6	(2.2)	6.7	(1.0)	64.2	(2.6)	24.8	(2.3)	4.2	(1.4)	
Sweden	13.2	(2.6)	29.2	(3.2)	43.1	(3.7)	14.6	(2.6)	8.7	(2.0)	26.1	(3.3)	59.9	(3.7)	5.3	(1.7)	
Switzerland	48.0	(3.1)	24.7	(3.2)	21.7	(2.7)	5.6	(1.4)	47.8	(3.5)	35.4	(3.6)	14.9	(2.2)	2.0	(1.2)	
Turkey	10.9	(2.4)	11.0	(2.8)	38.3	(4.1)	39.9	(4.0)	9.7	(2.4)	51.9	(3.6)	18.5	(3.4)	20.0	(2.8)	
United Kingdom	2.9	(0.9)	12.7	(2.0)	34.5	(2.9)	49.9	(3.1)	6.8	(1.5)	24.8	(2.6)	54.2	(3.5)	14.2	(2.3)	
United States	5.6	(1.9)	3.0	(1.3)	41.2	(4.4)	50.2	(4.5)	7.7	(2.3)	9.2	(2.1)	74.3	(3.9)	8.9	(2.3)	
OECD average	16.6	(0.4)	25.4	(0.5)	37.7	(0.6)	20.3	(0.5)	17.7	(0.4)	35.1	(0.5)	42.1	(0.5)	5.1	(0.3)	
Partners	Albania	1.2	(0.4)	9.3	(2.4)	58.0	(3.4)	31.5	(3.6)	22.7	(3.4)	27.6	(3.6)	44.2	(4.5)	5.5	(1.8)
	Argentina	9.7	(2.2)	31.0	(3.8)	36.3	(3.9)	23.0	(4.0)	19.5	(2.9)	42.6	(3.9)	27.0	(3.7)	10.9	(2.4)
	Brazil	2.2	(0.5)	8.7	(1.4)	28.4	(2.6)	60.7	(2.5)	4.4	(1.1)	21.0	(2.0)	52.9	(2.4)	21.8	(2.2)
	Bulgaria	3.3	(1.4)	4.3	(1.6)	42.8	(4.2)	49.5	(4.0)	7.8	(1.9)	26.5	(3.6)	62.0	(3.9)	3.7	(1.3)
	Colombia	23.0	(2.8)	27.9	(3.4)	31.6	(3.4)	17.5	(3.4)	10.7	(2.8)	30.6	(3.5)	43.3	(3.9)	15.3	(2.7)
	Costa Rica	11.7	(2.3)	31.8	(3.7)	37.7	(3.8)	18.7	(3.0)	11.1	(2.2)	20.5	(3.3)	57.5	(3.6)	10.9	(2.2)
	Croatia	13.1	(2.5)	25.2	(3.2)	43.8	(3.7)	17.9	(2.9)	7.1	(1.9)	24.2	(3.4)	65.3	(3.7)	3.4	(1.6)
	Cyprus*	6.3	(0.0)	6.7	(0.1)	37.8	(0.1)	49.2	(0.1)	3.1	(0.0)	34.0	(0.1)	55.0	(0.1)	7.9	(0.1)
	Hong Kong-China	21.1	(3.1)	26.9	(3.7)	41.2	(4.1)	10.7	(2.3)	29.7	(3.6)	41.4	(4.2)	28.8	(3.9)	0.1	(0.1)
	Indonesia	6.4	(1.7)	26.3	(3.6)	46.9	(3.8)	20.3	(3.0)	7.4	(2.3)	29.3	(3.9)	56.5	(4.3)	6.8	(2.2)
	Jordan	3.8	(1.4)	8.1	(2.0)	53.9	(3.5)	34.2	(3.6)	13.9	(2.9)	12.0	(2.6)	51.5	(3.8)	22.5	(2.9)
	Kazakhstan	3.0	(1.3)	8.5	(2.1)	19.7	(3.2)	68.9	(3.9)	4.0	(1.5)	31.1	(3.7)	62.5	(3.8)	2.4	(1.2)
	Latvia	10.3	(2.2)	17.4	(3.0)	29.1	(3.3)	43.2	(3.3)	29.5	(3.3)	28.8	(3.3)	37.9	(3.6)	3.7	(1.3)
	Liechtenstein	43.9	(0.8)	35.1	(0.9)	15.7	(0.9)	5.4	(0.7)	57.3	(0.9)	24.5	(0.9)	18.2	(0.8)	0.0	c
	Lithuania	10.9	(2.3)	17.8	(2.8)	44.8	(3.3)	26.5	(3.0)	17.5	(2.8)	53.4	(3.2)	28.6	(3.2)	0.5	(0.3)
	Macao-China	14.6	(0.0)	49.5	(0.1)	23.6	(0.1)	12.4	(0.0)	16.8	(0.0)	40.5	(0.1)	38.5	(0.1)	4.2	(0.0)
	Malaysia	0.9	(0.9)	13.7	(2.7)	39.9	(3.9)	45.5	(4.3)	1.4	(0.9)	28.5	(4.0)	47.7	(4.4)	22.4	(3.2)
	Montenegro	10.1	(0.1)	12.5	(0.1)	45.2	(0.2)	32.2	(0.2)	5.8	(0.1)	41.7	(0.2)	37.1	(0.1)	15.4	(0.1)
	Peru	18.3	(3.0)	29.0	(3.0)	32.7	(3.6)	20.1	(2.8)	18.2	(2.6)	42.2	(3.8)	34.6	(3.6)	5.0	(1.6)
	Qatar	3.0	(0.0)	11.4	(0.1)	36.2	(0.1)	49.4	(0.1)	3.3	(0.0)	15.1	(0.1)	59.8	(0.1)	21.7	(0.1)
	Romania	40.5	(2.8)	9.7	(1.9)	24.2	(2.6)	25.6	(2.8)	47.3	(3.2)	12.0	(2.4)	32.8	(3.4)	7.9	(2.2)
	Russian Federation	2.9	(1.1)	10.5	(2.7)	52.5	(3.3)	34.1	(3.3)	11.7	(2.1)	38.4	(3.8)	48.1	(3.9)	1.8	(0.9)
	Serbia	4.8	(1.5)	14.2	(3.1)	35.3	(4.0)	45.6	(4.3)	17.0	(3.3)	41.3	(3.4)	37.3	(3.8)	4.4	(1.9)
	Shanghai-China	11.7	(2.4)	29.3	(3.3)	54.7	(3.9)	4.4	(1.8)	24.1	(3.0)	36.6	(4.0)	37.4	(3.8)	1.9	(0.8)
	Singapore	6.1	(0.6)	29.4	(0.3)	33.2	(0.7)	31.2	(0.3)	8.9	(0.6)	30.1	(0.5)	57.4	(0.5)	3.5	(0.1)
	Chinese Taipei	17.8	(3.2)	29.6	(3.8)	34.6	(3.8)	17.9	(3.1)	29.6	(3.8)	41.3	(3.9)	22.6	(3.5)	6.5	(1.9)
	Thailand	14.8	(2.4)	23.3	(3.0)	44.0	(3.2)	18.0	(3.1)	6.6	(1.9)	7.8	(1.7)	73.7	(3.8)	11.9	(2.6)
	Tunisia	26.2	(3.7)	32.0	(3.8)	21.6	(3.5)	20.2	(3.5)	27.9	(3.8)	51.2	(3.9)	15.2	(3.2)	5.6	(2.0)
	United Arab Emirates	8.2	(1.9)	13.3	(1.7)	44.7	(2.4)	33.8	(2.6)	5.6	(1.0)	23.7	(2.3)	56.6	(2.2)	14.0	(1.9)
	Uruguay	12.6	(2.6)	18.6	(2.9)	43.8	(3.4)	25.0	(3.3)	2.8	(1.2)	9.2	(2.1)	69.2	(3.6)	18.8	(2.9)
Viet Nam	8.8	(2.2)	12.0	(2.6)	56.7	(4.0)	22.4	(3.3)	7.6	(2.3)	13.1	(2.4)	77.0	(3.3)	2.2	(1.2)	

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957498>






[Part 3/7]  
**School management and leadership**  
 Results based on school principals' reports

Table IV.4.8

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:															
		Promote teaching practices based on recent educational research								Praise teachers whose students are actively participating in learning							
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	8.6	(1.2)	18.2	(1.5)	46.6	(1.7)	26.6	(1.6)	4.0	(0.8)	7.3	(1.1)	53.4	(2.0)	35.3	(1.9)
	Austria	21.3	(3.3)	31.0	(4.4)	34.7	(4.2)	12.9	(2.9)	7.5	(2.2)	20.1	(3.4)	44.6	(3.6)	27.7	(3.8)
	Belgium	48.5	(3.4)	27.0	(3.0)	18.1	(2.3)	6.4	(1.8)	21.8	(2.4)	25.3	(2.7)	38.1	(3.0)	14.9	(2.1)
	Canada	16.3	(1.8)	21.5	(2.1)	39.0	(2.4)	23.2	(2.2)	4.0	(0.8)	7.8	(1.3)	48.2	(2.6)	40.1	(2.3)
	Chile	38.1	(3.3)	24.8	(3.3)	30.2	(3.3)	6.9	(2.0)	9.9	(2.2)	16.6	(3.1)	52.3	(3.8)	21.2	(3.2)
	Czech Republic	18.7	(3.1)	28.5	(3.4)	35.4	(3.4)	17.4	(3.2)	6.8	(2.3)	31.6	(3.6)	46.0	(3.6)	15.6	(2.8)
	Denmark	27.4	(3.0)	32.6	(3.7)	33.3	(3.5)	6.6	(1.6)	15.5	(2.6)	24.0	(3.2)	48.9	(3.7)	11.6	(2.4)
	Estonia	48.2	(2.9)	27.9	(2.5)	14.8	(2.3)	9.1	(1.8)	10.8	(1.5)	15.8	(2.2)	60.9	(2.6)	12.5	(1.9)
	Finland	46.9	(4.1)	28.1	(3.3)	23.2	(3.2)	1.8	(0.1)	22.2	(3.1)	26.7	(3.4)	39.6	(3.6)	11.5	(2.3)
	France	66.0	(3.6)	20.9	(2.9)	8.9	(2.2)	4.2	(1.5)	23.0	(2.9)	34.2	(3.3)	31.9	(3.3)	10.9	(2.2)
	Germany	23.2	(3.1)	23.6	(3.0)	42.1	(3.7)	11.0	(2.5)	6.5	(1.6)	19.0	(2.8)	52.3	(3.6)	22.2	(3.0)
	Greece	17.1	(3.5)	24.1	(3.5)	42.5	(4.1)	16.3	(2.7)	12.3	(2.4)	19.6	(3.1)	48.1	(3.9)	19.9	(2.7)
	Hungary	23.9	(3.2)	28.2	(3.5)	35.7	(3.9)	12.3	(2.7)	6.2	(1.8)	15.6	(2.9)	56.1	(4.4)	22.1	(3.5)
	Iceland	50.4	(0.2)	33.2	(0.2)	14.4	(0.2)	2.1	(0.1)	4.6	(0.1)	13.5	(0.2)	62.7	(0.2)	19.3	(0.2)
	Ireland	21.9	(3.4)	34.7	(3.6)	28.0	(3.4)	15.5	(2.7)	11.5	(2.8)	17.5	(3.3)	39.3	(4.1)	31.7	(3.8)
	Israel	51.8	(4.0)	24.6	(3.5)	20.6	(3.0)	3.0	(1.3)	10.6	(2.3)	22.7	(3.2)	44.8	(3.9)	21.8	(3.3)
	Italy	29.6	(2.1)	31.1	(2.2)	24.9	(1.9)	14.5	(1.5)	13.8	(1.5)	21.7	(1.7)	34.9	(2.0)	29.5	(1.9)
	Japan	54.2	(3.3)	33.8	(3.5)	10.4	(2.1)	1.6	(1.0)	56.6	(4.0)	35.6	(3.7)	5.6	(1.4)	2.2	(1.1)
	Korea	30.4	(3.7)	36.6	(4.2)	27.8	(3.7)	5.3	(1.9)	16.6	(3.3)	28.4	(4.1)	47.9	(4.3)	7.1	(2.0)
	Luxembourg	54.4	(0.1)	21.4	(0.1)	11.8	(0.1)	12.4	(0.1)	10.6	(0.1)	36.0	(0.1)	39.1	(0.1)	14.3	(0.1)
	Mexico	38.1	(1.9)	26.2	(1.7)	27.7	(1.8)	7.9	(0.9)	31.6	(1.9)	29.2	(1.6)	29.3	(1.8)	9.9	(1.1)
	Netherlands	48.4	(4.6)	23.9	(4.1)	24.1	(3.7)	3.5	(1.5)	22.1	(3.4)	30.2	(4.7)	40.9	(3.9)	6.8	(2.2)
	New Zealand	7.3	(1.8)	31.6	(4.1)	46.5	(4.3)	14.5	(2.7)	4.4	(1.4)	9.6	(2.4)	60.4	(3.9)	25.7	(3.8)
	Norway	17.2	(2.6)	36.5	(3.7)	37.1	(3.7)	9.2	(2.3)	21.0	(2.9)	20.0	(3.3)	45.1	(4.0)	13.9	(3.0)
	Poland	47.9	(3.7)	34.2	(3.4)	14.9	(3.1)	3.0	(1.4)	12.6	(2.8)	33.0	(4.1)	39.0	(4.3)	15.4	(2.8)
	Portugal	34.9	(4.1)	27.1	(3.9)	26.0	(3.4)	11.9	(2.8)	13.5	(3.1)	25.9	(4.0)	33.0	(3.9)	27.5	(3.7)
	Slovak Republic	17.7	(3.3)	24.6	(3.5)	35.2	(3.4)	22.5	(3.3)	25.1	(3.4)	33.4	(3.5)	38.1	(3.9)	3.4	(1.3)
	Slovenia	5.2	(0.2)	17.3	(0.4)	53.9	(0.7)	23.6	(0.6)	7.8	(0.4)	13.2	(0.4)	56.6	(0.6)	22.3	(0.5)
	Spain	55.5	(2.0)	23.5	(1.8)	16.4	(1.7)	4.5	(1.4)	21.4	(2.1)	32.3	(2.4)	33.4	(2.4)	12.9	(2.2)
	Sweden	22.0	(2.5)	28.0	(3.4)	39.5	(4.0)	10.5	(2.1)	8.4	(1.9)	17.1	(2.8)	59.0	(3.6)	15.4	(2.6)
	Switzerland	60.7	(3.3)	28.4	(3.3)	8.5	(1.8)	2.4	(1.1)	26.0	(3.2)	23.7	(2.8)	39.5	(3.4)	10.8	(2.4)
	Turkey	12.5	(2.7)	21.8	(3.7)	43.0	(4.2)	22.7	(3.2)	4.7	(1.7)	15.4	(3.0)	40.7	(4.3)	39.1	(4.0)
United Kingdom	11.3	(1.4)	24.8	(3.4)	42.9	(3.3)	21.0	(2.8)	1.6	(0.6)	8.1	(1.6)	44.7	(3.7)	45.7	(3.5)	
United States	6.7	(2.3)	10.9	(2.9)	40.0	(4.6)	42.4	(4.4)	1.8	(1.1)	12.0	(3.0)	35.8	(4.1)	50.3	(4.6)	
OECD average	31.8	(0.5)	26.8	(0.5)	29.3	(0.5)	12.0	(0.4)	14.0	(0.4)	21.8	(0.5)	43.8	(0.6)	20.3	(0.5)	
Partners	Albania	12.1	(2.4)	26.8	(3.5)	50.9	(4.0)	10.2	(2.9)	5.7	(1.8)	21.7	(3.1)	54.0	(4.3)	18.6	(3.4)
	Argentina	33.7	(3.8)	26.0	(3.6)	23.1	(3.6)	17.1	(3.4)	17.9	(3.1)	25.6	(3.3)	36.8	(4.2)	19.8	(3.5)
	Brazil	19.0	(2.0)	17.0	(2.0)	39.2	(2.5)	24.8	(2.2)	5.5	(1.0)	10.1	(1.5)	34.2	(2.9)	50.1	(3.0)
	Bulgaria	9.3	(2.2)	27.8	(3.0)	43.5	(3.4)	19.4	(3.3)	2.3	(1.2)	13.1	(2.5)	63.9	(3.4)	20.7	(3.2)
	Colombia	36.4	(3.9)	28.7	(3.7)	26.5	(3.5)	8.4	(2.5)	23.1	(3.3)	35.7	(3.7)	24.4	(3.4)	16.7	(3.4)
	Costa Rica	39.9	(3.7)	27.2	(3.7)	26.1	(3.2)	6.7	(1.7)	30.7	(3.5)	27.6	(3.7)	29.4	(3.5)	12.3	(2.5)
	Croatia	24.5	(3.5)	29.4	(3.8)	36.0	(3.9)	10.1	(2.3)	11.5	(2.7)	34.5	(3.8)	35.3	(3.6)	18.7	(3.0)
	Cyprus*	20.5	(0.1)	15.0	(0.1)	37.6	(0.1)	27.0	(0.1)	0.1	(0.0)	8.4	(0.1)	41.1	(0.1)	50.4	(0.1)
	Hong Kong-China	60.5	(4.0)	27.2	(3.9)	10.2	(2.5)	2.0	(1.2)	12.9	(2.8)	34.5	(4.1)	45.7	(4.2)	6.9	(2.2)
	Indonesia	27.8	(3.6)	34.8	(3.6)	27.8	(3.4)	9.7	(2.4)	12.9	(2.5)	23.5	(3.7)	41.8	(4.0)	21.8	(3.5)
	Jordan	14.5	(2.6)	17.7	(2.3)	39.7	(3.7)	28.1	(3.3)	6.3	(2.1)	4.6	(1.5)	36.5	(3.8)	52.5	(3.7)
	Kazakhstan	13.1	(2.5)	10.0	(2.3)	39.7	(3.4)	37.2	(3.3)	35.7	(4.1)	32.3	(3.8)	23.4	(3.7)	8.6	(1.7)
	Latvia	10.9	(2.2)	17.3	(2.9)	26.1	(3.2)	45.7	(3.7)	6.3	(1.7)	15.4	(2.3)	46.6	(3.8)	31.7	(3.5)
	Liechtenstein	65.6	(0.9)	12.4	(0.6)	16.6	(1.1)	5.4	(0.7)	40.8	(0.7)	13.4	(0.8)	35.3	(0.9)	10.5	(1.0)
	Lithuania	34.8	(3.7)	33.1	(3.4)	22.0	(3.2)	10.2	(2.3)	6.9	(1.6)	17.2	(2.8)	53.5	(3.4)	22.4	(3.0)
	Macao-China	38.1	(0.1)	42.1	(0.1)	15.6	(0.0)	4.2	(0.0)	11.6	(0.0)	28.5	(0.0)	55.7	(0.1)	4.2	(0.0)
	Malaysia	14.6	(3.0)	28.3	(3.9)	33.7	(4.0)	23.4	(3.2)	3.0	(1.3)	10.2	(2.6)	36.9	(3.8)	49.9	(3.8)
	Montenegro	17.4	(0.1)	20.7	(0.1)	41.6	(0.1)	20.3	(0.2)	13.1	(0.1)	25.3	(0.2)	35.2	(0.1)	26.4	(0.2)
	Peru	61.5	(3.1)	18.3	(2.7)	15.8	(2.7)	4.4	(1.4)	31.6	(3.2)	28.4	(2.9)	26.7	(3.1)	13.3	(2.5)
	Qatar	14.5	(0.1)	16.8	(0.1)	34.4	(0.1)	34.3	(0.1)	0.4	(0.0)	11.1	(0.1)	37.2	(0.1)	51.3	(0.1)
	Romania	43.3	(3.0)	13.2	(2.5)	20.6	(3.0)	22.8	(2.9)	43.6	(2.9)	7.4	(2.1)	26.2	(3.3)	22.9	(2.9)
	Russian Federation	23.4	(3.2)	28.9	(2.9)	34.8	(4.0)	13.0	(2.6)	1.7	(0.7)	14.8	(2.0)	58.5	(3.4)	25.1	(3.3)
	Serbia	31.3	(3.9)	28.6	(4.1)	29.9	(3.7)	10.1	(2.8)	6.2	(2.1)	29.0	(3.2)	38.5	(4.4)	26.2	(4.2)
	Shanghai-China	41.4	(4.2)	37.0	(3.8)	19.7	(3.5)	2.0	(1.1)	7.4	(2.4)	33.3	(3.8)	46.8	(4.1)	12.5	(2.9)
	Singapore	22.9	(0.2)	33.4	(0.7)	38.2	(0.6)	5.5	(0.1)	3.8	(0.1)	21.5	(0.2)	54.3	(0.5)	20.3	(0.6)
	Chinese Taipei	31.2	(4.1)	31.0	(4.1)	27.7	(3.9)	10.2	(2.3)	10.4	(2.4)	19.3	(3.5)	50.7	(4.4)	19.5	(3.2)
	Thailand	37.5	(3.5)	23.1	(3.1)	26.7	(3.3)	12.7	(2.6)	15.4	(2.8)	14.5	(3.0)	45.7	(3.3)	24.4	(3.3)
	Tunisia	53.0	(4.6)	23.1	(3.5)	12.3	(2.9)	11.6	(2.7)	37.0	(3.9)	35.2	(3.9)	15.8	(2.8)	11.9	(3.0)
	United Arab Emirates	18.0	(2.1)	23.6	(2.3)	39.4	(2.4)	19.0	(1.9)	4.7	(1.4)	12.0	(1.5)	36.7	(2.1)	46.6	(2.5)
	Uruguay	32.5	(3.3)	20.8	(3.1)	35.5	(3.5)	11.2	(2.1)	14.5	(2.7)	19.7	(2.7)	41.1	(3.7)	24.7	(3.3)
Viet Nam	28.2	(4.2)	23.5	(3.8)	37.0	(4.1)	11.2	(2.3)	18.3	(3.5)	19.9	(3.3)	50.6	(4.5)	11.1	(2.5)	


\* See notes at the beginning of this Annex.  
 StatLink  <http://dx.doi.org/10.1787/888932957498>

[Part 4/7]

**School management and leadership**Table IV.4.8 *Results based on school principals' reports*

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:															
		Draw teachers' attention to the importance of developing students' critical and social capacities								When a teacher has problems in his/her classroom, take the initiative to discuss matters							
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	7.1	(1.0)	17.5	(1.5)	55.7	(1.7)	19.7	(1.6)	8.4	(1.1)	14.8	(1.4)	54.4	(1.8)	22.5	(1.7)
	Austria	21.2	(3.2)	28.1	(3.6)	37.4	(3.6)	13.3	(2.7)	12.0	(2.7)	26.7	(3.9)	44.5	(3.8)	16.8	(3.2)
	Belgium	17.9	(2.5)	28.4	(2.9)	38.2	(3.4)	15.5	(2.4)	6.6	(1.4)	25.8	(2.7)	49.5	(3.0)	18.0	(2.6)
	Canada	12.2	(1.2)	13.4	(1.2)	48.9	(2.4)	25.5	(2.2)	4.3	(0.9)	10.7	(1.4)	48.0	(2.7)	37.1	(2.5)
	Chile	9.4	(2.2)	16.6	(2.8)	57.2	(3.7)	16.8	(3.2)	11.9	(2.7)	11.2	(2.4)	52.3	(3.8)	24.6	(3.5)
	Czech Republic	21.0	(3.3)	38.5	(3.7)	32.8	(3.3)	7.7	(2.0)	8.4	(1.7)	20.9	(2.7)	56.0	(3.5)	14.7	(2.7)
	Denmark	26.1	(3.1)	24.7	(3.0)	40.5	(3.5)	8.7	(1.9)	6.7	(1.7)	12.5	(2.0)	63.8	(3.2)	17.0	(2.6)
	Estonia	17.9	(2.1)	30.0	(2.7)	46.5	(3.2)	5.6	(1.3)	12.6	(2.1)	23.4	(2.6)	56.7	(3.1)	7.3	(1.6)
	Finland	16.1	(2.7)	27.3	(3.2)	44.4	(4.0)	12.2	(2.4)	11.3	(1.7)	32.3	(3.6)	47.2	(3.8)	9.1	(2.2)
	France	32.0	(3.4)	37.1	(3.5)	24.5	(2.7)	6.3	(1.7)	10.3	(2.4)	38.1	(3.0)	35.2	(3.3)	16.4	(2.4)
	Germany	13.9	(2.5)	26.3	(2.8)	48.3	(3.4)	11.4	(2.4)	9.2	(2.2)	22.8	(2.6)	54.9	(3.8)	13.0	(2.6)
	Greece	16.4	(3.0)	33.9	(4.1)	39.3	(3.9)	10.5	(2.3)	10.5	(2.5)	21.2	(3.5)	46.8	(4.2)	21.5	(3.2)
	Hungary	25.3	(3.9)	29.5	(3.8)	38.4	(3.7)	6.9	(1.7)	4.2	(1.6)	17.5	(3.2)	60.1	(3.8)	18.2	(3.1)
	Iceland	11.1	(0.2)	25.8	(0.2)	45.2	(0.2)	17.9	(0.2)	10.8	(0.1)	22.2	(0.2)	50.9	(0.2)	16.0	(0.2)
	Ireland	26.2	(3.9)	30.9	(4.0)	25.3	(4.0)	17.6	(3.0)	13.7	(3.0)	30.2	(3.8)	34.0	(4.3)	22.2	(3.6)
	Israel	13.9	(2.9)	27.5	(3.4)	47.8	(3.9)	10.8	(2.3)	4.5	(1.4)	16.6	(2.9)	59.8	(3.7)	19.2	(3.0)
	Italy	6.4	(1.0)	27.9	(1.8)	36.8	(1.8)	28.9	(1.8)	5.5	(0.9)	13.6	(1.7)	45.2	(2.0)	35.8	(2.1)
	Japan	52.1	(3.3)	29.2	(3.0)	17.7	(2.7)	1.0	(0.7)	33.9	(3.6)	30.7	(3.3)	29.5	(3.3)	5.9	(1.9)
	Korea	22.6	(3.6)	30.1	(4.0)	42.2	(4.2)	5.1	(1.8)	16.1	(3.1)	25.4	(3.5)	50.5	(4.1)	8.0	(2.1)
	Luxembourg	10.4	(0.1)	62.3	(0.1)	17.7	(0.0)	9.6	(0.1)	0.0	c	3.1	(0.0)	68.3	(0.1)	28.6	(0.1)
	Mexico	22.2	(1.6)	29.4	(2.0)	36.2	(1.8)	12.2	(1.4)	17.3	(1.5)	23.0	(1.6)	39.9	(2.1)	19.9	(1.7)
	Netherlands	31.3	(4.1)	27.6	(3.6)	36.4	(4.1)	4.7	(2.1)	21.3	(4.1)	30.8	(4.2)	41.1	(4.7)	6.8	(2.2)
	New Zealand	18.2	(2.6)	23.7	(3.5)	46.3	(4.4)	11.9	(2.8)	21.8	(3.4)	24.5	(3.6)	44.0	(4.2)	9.7	(3.0)
	Norway	17.7	(3.1)	32.9	(3.7)	40.2	(3.8)	9.2	(2.2)	12.4	(2.6)	24.7	(3.5)	54.8	(4.1)	8.2	(2.1)
	Poland	23.3	(3.5)	32.1	(3.8)	36.8	(3.5)	7.8	(2.0)	10.4	(2.4)	14.7	(3.0)	59.0	(4.0)	15.9	(3.2)
	Portugal	12.0	(3.1)	29.8	(4.4)	36.2	(3.8)	22.0	(3.0)	9.6	(2.6)	30.1	(4.0)	33.7	(4.3)	26.6	(4.0)
	Slovak Republic	14.2	(2.4)	33.5	(3.4)	45.6	(3.3)	6.7	(1.8)	17.0	(2.9)	29.2	(3.8)	48.7	(3.7)	5.1	(1.7)
	Slovenia	9.3	(0.4)	17.4	(0.7)	54.7	(0.8)	18.5	(0.7)	14.5	(0.6)	22.4	(0.5)	57.6	(0.7)	5.5	(0.3)
Spain	25.9	(2.5)	34.0	(2.3)	27.4	(2.4)	12.7	(2.2)	19.7	(2.2)	21.0	(2.3)	36.0	(2.7)	23.3	(2.8)	
Sweden	19.1	(2.6)	24.9	(3.5)	43.1	(3.8)	12.9	(2.3)	7.9	(2.1)	24.5	(2.8)	56.2	(3.4)	11.4	(2.3)	
Switzerland	35.6	(3.5)	28.5	(2.3)	29.4	(3.5)	6.6	(2.0)	15.7	(2.5)	27.4	(3.5)	47.2	(3.5)	9.7	(2.3)	
Turkey	8.2	(1.9)	9.5	(2.9)	45.5	(3.8)	36.8	(3.1)	4.5	(1.2)	9.0	(2.4)	39.6	(3.4)	47.0	(3.9)	
United Kingdom	11.6	(2.0)	15.7	(2.7)	48.5	(3.4)	24.2	(3.0)	7.8	(1.5)	15.9	(2.6)	51.9	(3.5)	24.4	(3.3)	
United States	6.3	(1.9)	15.2	(3.7)	48.4	(4.3)	30.2	(4.1)	2.4	(1.2)	7.7	(2.7)	52.4	(4.7)	37.6	(4.3)	
OECD average	18.7	(0.5)	27.6	(0.5)	40.0	(0.6)	13.7	(0.4)	11.3	(0.4)	21.3	(0.5)	49.1	(0.6)	18.3	(0.5)	
Partners	Albania	5.1	(1.8)	13.4	(2.3)	51.7	(4.2)	29.7	(3.9)	2.7	(1.1)	7.8	(2.2)	44.5	(4.2)	45.0	(4.0)
	Argentina	14.2	(2.5)	21.8	(3.0)	32.0	(3.3)	32.0	(3.7)	11.0	(2.3)	16.9	(2.7)	34.1	(3.7)	38.0	(3.8)
	Brazil	6.0	(1.1)	10.4	(1.5)	40.7	(2.2)	42.9	(2.3)	4.7	(1.1)	4.8	(0.8)	29.0	(2.1)	61.6	(2.5)
	Bulgaria	2.9	(1.0)	12.2	(2.3)	61.5	(3.7)	23.5	(3.5)	1.6	(1.0)	14.0	(2.6)	56.5	(3.3)	27.9	(3.2)
	Colombia	14.6	(3.0)	26.9	(3.3)	33.7	(3.5)	24.8	(3.6)	14.0	(2.1)	19.2	(3.2)	40.9	(3.8)	25.9	(3.4)
	Costa Rica	17.8	(2.8)	22.2	(3.3)	45.7	(3.9)	14.4	(2.5)	16.7	(3.1)	23.1	(3.4)	35.0	(3.7)	25.2	(2.9)
	Croatia	10.5	(2.5)	31.3	(3.2)	37.6	(3.6)	20.5	(3.1)	5.1	(1.7)	27.1	(3.6)	44.9	(3.8)	22.9	(3.4)
	Cyprus*	0.1	(0.0)	11.5	(0.1)	46.4	(0.1)	42.0	(0.1)	4.0	(0.0)	12.3	(0.1)	48.0	(0.1)	35.6	(0.1)
	Hong Kong-China	25.0	(3.8)	35.7	(4.6)	33.9	(4.1)	5.5	(1.9)	16.6	(3.0)	36.9	(4.3)	41.6	(3.9)	4.9	(1.8)
	Indonesia	6.1	(2.0)	23.5	(3.1)	54.8	(3.6)	15.6	(2.2)	5.1	(2.1)	19.5	(3.4)	58.3	(3.7)	17.1	(3.0)
	Jordan	2.6	(1.3)	8.2	(2.2)	53.2	(4.2)	36.0	(3.7)	3.3	(1.4)	2.2	(1.2)	41.4	(3.7)	53.2	(3.7)
	Kazakhstan	3.0	(1.7)	16.1	(2.7)	48.0	(4.1)	32.8	(3.9)	11.3	(2.4)	10.4	(1.9)	48.8	(4.1)	29.5	(3.6)
	Latvia	12.8	(2.5)	25.3	(2.7)	48.4	(3.6)	13.6	(2.9)	6.4	(1.4)	18.2	(3.0)	57.8	(3.8)	17.6	(3.1)
	Liechtenstein	25.2	(0.6)	40.1	(0.7)	34.6	(0.9)	0.0	c	31.5	(0.8)	40.4	(0.6)	28.1	(0.9)	0.0	c
	Lithuania	19.6	(2.6)	30.3	(3.3)	40.0	(3.3)	10.1	(2.0)	9.7	(1.8)	14.8	(2.9)	64.7	(3.6)	10.8	(2.3)
	Macao-China	14.7	(0.0)	27.1	(0.1)	46.1	(0.1)	12.1	(0.0)	5.8	(0.0)	27.2	(0.0)	41.9	(0.1)	25.0	(0.0)
	Malaysia	5.7	(1.8)	19.8	(3.2)	44.1	(3.5)	30.4	(3.6)	5.3	(1.8)	17.5	(3.2)	43.3	(4.1)	33.9	(3.8)
	Montenegro	10.9	(0.1)	21.2	(0.2)	29.1	(0.1)	38.8	(0.2)	2.3	(0.0)	16.4	(0.1)	26.8	(0.1)	54.5	(0.2)
	Peru	25.9	(2.8)	28.5	(3.0)	29.8	(2.8)	15.8	(2.8)	31.3	(3.0)	26.5	(2.8)	30.1	(3.0)	12.1	(2.5)
	Qatar	4.1	(0.0)	9.5	(0.0)	40.6	(0.1)	45.8	(0.1)	2.5	(0.0)	9.6	(0.1)	30.4	(0.1)	57.4	(0.1)
	Romania	43.1	(2.8)	8.8	(1.8)	33.2	(3.1)	14.9	(2.7)	40.0	(2.5)	15.5	(2.8)	20.4	(2.6)	24.0	(3.2)
	Russian Federation	4.4	(1.4)	28.2	(2.4)	55.2	(2.9)	12.2	(2.4)	4.7	(1.3)	10.5	(1.9)	60.9	(3.3)	24.0	(3.1)
	Serbia	10.0	(2.7)	20.9	(3.7)	47.1	(4.5)	22.0	(3.9)	4.1	(1.6)	20.3	(3.6)	47.0	(4.5)	28.6	(4.1)
	Shanghai-China	22.2	(3.3)	28.6	(3.6)	34.1	(3.7)	15.0	(3.1)	5.1	(1.7)	18.1	(3.1)	53.3	(4.2)	23.6	(3.5)
	Singapore	0.8	(0.0)	19.5	(0.6)	62.1	(0.5)	17.6	(0.2)	2.9	(0.6)	20.4	(0.2)	55.4	(0.5)	21.2	(0.2)
	Chinese Taipei	16.8	(3.0)	23.5	(3.3)	50.4	(4.2)	9.3	(2.1)	9.0	(1.6)	23.5	(3.8)	49.5	(4.5)	18.0	(2.9)
	Thailand	13.3	(2.9)	12.8	(2.7)	50.6	(3.9)	23.3	(3.3)	18.2	(2.9)	13.3	(2.5)	51.7	(3.9)	16.8	(2.6)
	Tunisia	24.9	(3.7)	40.0	(4.1)	15.1	(3.1)	20.1	(3.6)	12.7	(2.9)	18.3	(3.2)	36.5	(4.2)	32.5	(4.1)
United Arab Emirates	6.1	(1.4)	14.6	(2.0)	48.0	(2.7)	31.4	(2.4)	11.5	(1.8)	10.5	(1.7)	41.2	(2.4)	36.9	(2.1)	
Uruguay	17.7	(2.4)	17.6	(2.8)	46.8	(3.5)	17.9	(3.0)	10.3	(2.2)	15.1	(2.8)	39.6	(3.6)	35.0	(3.6)	
Viet Nam	22.4	(3.2)	19.7	(3.6)	49.7	(3.9)	8.2	(1.7)	12.7	(2.8)	22.1	(3.6)	53.3	(3.9)	12.0	(2.6)	

\* See notes at the beginning of this Annex.


StatLink  <http://dx.doi.org/10.1787/888932957498>



[Part 5/7]  
**School management and leadership**  
 Results based on school principals' reports

Table IV.4.8

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:															
		Pay attention to disruptive behaviour in classrooms								When a teacher discusses a classroom problem, solve the problem together							
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	6.1	(0.8)	7.4	(0.9)	41.7	(1.8)	44.8	(1.7)	9.8	(1.2)	11.1	(1.2)	54.3	(1.8)	24.8	(1.6)
	Austria	9.8	(2.4)	18.8	(2.9)	48.9	(3.9)	22.5	(3.3)	11.3	(2.7)	24.2	(3.2)	48.1	(4.0)	16.4	(2.8)
	Belgium	1.6	(0.8)	16.9	(2.7)	44.5	(3.3)	37.0	(3.1)	3.8	(1.4)	21.4	(2.9)	48.3	(3.4)	26.5	(3.1)
	Canada	2.9	(0.8)	5.6	(1.2)	31.2	(2.3)	60.3	(2.5)	2.3	(0.7)	8.2	(1.3)	42.9	(2.5)	46.6	(2.5)
	Chile	3.8	(1.4)	8.6	(2.2)	43.3	(3.5)	44.4	(3.9)	7.0	(2.0)	13.0	(2.6)	47.6	(3.7)	32.4	(3.7)
	Czech Republic	13.8	(2.0)	25.4	(3.2)	48.3	(3.6)	12.5	(2.4)	6.6	(1.7)	17.4	(2.3)	61.2	(3.4)	14.9	(2.7)
	Denmark	8.4	(2.1)	13.7	(2.6)	57.4	(3.5)	20.6	(2.8)	8.1	(1.7)	12.8	(2.5)	65.2	(3.4)	13.9	(2.5)
	Estonia	7.4	(1.6)	20.8	(2.3)	58.4	(3.0)	13.4	(2.1)	10.3	(2.0)	23.0	(2.5)	59.8	(3.4)	7.0	(2.0)
	Finland	3.7	(0.8)	19.8	(2.6)	57.9	(3.7)	18.6	(2.9)	2.2	(0.5)	11.3	(2.2)	65.2	(3.1)	21.3	(3.0)
	France	1.2	(0.7)	13.1	(2.3)	54.3	(3.6)	31.5	(3.5)	6.7	(1.9)	19.7	(3.0)	54.2	(3.5)	19.4	(3.1)
	Germany	4.7	(1.7)	11.7	(2.3)	63.2	(3.4)	20.4	(2.8)	3.6	(1.4)	18.1	(3.1)	61.3	(3.7)	17.0	(2.9)
	Greece	6.8	(1.8)	14.4	(2.6)	52.9	(3.6)	25.9	(3.2)	11.3	(2.5)	25.5	(3.6)	40.1	(3.9)	23.1	(3.3)
	Hungary	5.0	(1.6)	6.9	(2.2)	53.7	(3.9)	34.3	(3.6)	7.8	(1.9)	23.1	(3.9)	47.4	(3.9)	21.6	(3.2)
	Iceland	3.2	(0.1)	9.0	(0.1)	55.0	(0.2)	32.8	(0.2)	3.0	(0.1)	7.4	(0.2)	47.2	(0.2)	42.4	(0.3)
	Ireland	5.4	(1.9)	11.6	(2.7)	39.7	(4.2)	43.3	(4.2)	11.3	(2.5)	18.5	(3.3)	36.7	(4.0)	33.5	(4.1)
	Israel	1.7	(1.1)	11.3	(2.1)	48.5	(4.6)	38.5	(4.4)	4.1	(1.4)	10.9	(2.7)	54.9	(3.9)	30.2	(3.9)
	Italy	2.7	(0.6)	8.8	(1.3)	44.0	(2.2)	44.5	(2.1)	3.3	(0.8)	9.4	(1.5)	45.0	(1.8)	42.3	(2.2)
	Japan	17.4	(2.8)	19.3	(3.0)	44.3	(3.7)	19.0	(3.1)	14.0	(2.8)	30.0	(3.5)	42.7	(3.7)	13.3	(2.8)
	Korea	8.7	(2.2)	16.2	(2.9)	53.3	(4.4)	21.8	(3.4)	12.6	(2.8)	22.9	(3.2)	54.3	(4.3)	10.2	(2.4)
	Luxembourg	0.0	c	2.5	(0.0)	52.5	(0.1)	44.9	(0.1)	0.2	(0.0)	6.5	(0.0)	66.8	(0.1)	26.5	(0.1)
	Mexico	4.8	(0.6)	14.3	(1.4)	36.6	(1.8)	44.2	(1.7)	12.0	(1.0)	21.1	(1.7)	38.2	(2.0)	28.7	(1.7)
	Netherlands	18.9	(3.2)	23.9	(3.3)	47.4	(4.2)	9.8	(2.5)	16.4	(3.3)	31.2	(3.8)	43.1	(4.4)	9.3	(2.6)
	New Zealand	9.9	(2.2)	11.9	(2.9)	59.6	(4.0)	18.6	(3.8)	14.1	(2.8)	33.0	(3.9)	44.7	(4.4)	8.3	(2.4)
	Norway	4.9	(1.4)	14.3	(2.7)	54.6	(4.2)	26.2	(3.6)	4.9	(1.9)	12.2	(2.7)	64.0	(3.6)	18.9	(3.1)
	Poland	7.5	(2.2)	18.0	(3.0)	56.3	(4.3)	18.2	(3.1)	3.2	(1.4)	17.2	(3.2)	58.8	(3.7)	20.8	(2.8)
	Portugal	0.9	(0.6)	3.4	(1.9)	26.2	(3.6)	69.4	(3.9)	5.9	(1.7)	15.0	(3.0)	40.9	(4.4)	38.2	(4.2)
	Slovak Republic	3.3	(1.2)	22.3	(3.1)	59.0	(3.4)	15.4	(2.5)	0.6	(0.4)	12.8	(2.5)	64.7	(3.2)	21.9	(3.1)
	Slovenia	3.3	(0.2)	15.2	(0.4)	55.8	(0.7)	25.6	(0.5)	9.2	(0.4)	31.0	(0.6)	51.4	(0.7)	8.4	(0.3)
Spain	2.3	(0.7)	9.2	(1.6)	31.1	(2.6)	57.3	(3.0)	5.5	(1.1)	21.7	(2.3)	39.7	(2.2)	33.1	(2.8)	
Sweden	5.3	(1.7)	20.7	(3.0)	58.4	(3.5)	15.6	(2.2)	3.7	(1.4)	18.2	(2.8)	62.1	(3.4)	16.0	(2.6)	
Switzerland	10.2	(1.9)	18.1	(2.7)	57.6	(3.4)	14.1	(2.6)	11.8	(2.1)	30.4	(3.3)	49.6	(3.4)	8.2	(2.1)	
Turkey	0.7	(0.7)	6.0	(2.3)	37.1	(4.0)	56.2	(4.0)	4.1	(1.8)	5.3	(2.1)	35.1	(4.0)	55.5	(4.1)	
United Kingdom	5.8	(1.3)	5.0	(1.4)	34.7	(3.9)	54.5	(3.5)	8.9	(1.9)	10.0	(1.6)	54.9	(3.5)	26.2	(3.3)	
United States	5.3	(2.1)	2.4	(1.3)	34.6	(4.4)	57.6	(4.3)	2.3	(1.2)	8.8	(2.4)	52.6	(4.4)	36.3	(4.5)	
OECD average	5.8	(0.3)	13.1	(0.4)	48.3	(0.6)	32.8	(0.5)	7.1	(0.3)	17.7	(0.5)	51.3	(0.6)	23.9	(0.5)	
Partners	Albania	5.5	(1.6)	3.9	(1.5)	28.7	(3.8)	61.9	(3.9)	7.5	(2.6)	7.0	(1.6)	34.6	(3.3)	51.0	(3.7)
	Argentina	1.3	(0.7)	8.9	(2.1)	23.1	(3.3)	66.6	(3.6)	4.0	(1.4)	9.0	(2.0)	33.6	(4.1)	53.4	(4.1)
	Brazil	2.0	(0.8)	2.2	(0.6)	11.7	(1.4)	84.1	(1.7)	0.9	(0.4)	3.2	(0.9)	18.1	(1.7)	77.7	(2.0)
	Bulgaria	0.0	c	0.0	c	17.2	(2.8)	82.8	(2.8)	3.9	(1.6)	10.4	(2.3)	50.4	(4.0)	35.3	(3.6)
	Colombia	4.5	(1.2)	10.1	(2.1)	33.8	(3.8)	51.6	(3.9)	9.5	(2.8)	14.2	(2.4)	41.3	(4.1)	35.0	(3.6)
	Costa Rica	11.2	(2.3)	14.3	(2.9)	39.0	(3.7)	35.5	(3.5)	12.8	(2.4)	22.5	(3.3)	32.2	(3.7)	32.5	(3.6)
	Croatia	2.6	(1.3)	11.7	(2.4)	56.2	(3.7)	29.6	(3.6)	1.4	(0.9)	13.4	(3.0)	52.2	(4.0)	33.0	(4.0)
	Cyprus*	0.7	(0.0)	3.9	(0.0)	47.7	(0.1)	47.7	(0.1)	1.9	(0.0)	9.3	(0.1)	53.9	(0.1)	35.0	(0.1)
	Hong Kong-China	7.9	(2.4)	21.8	(3.5)	49.7	(4.2)	20.7	(2.9)	15.2	(3.3)	36.7	(4.3)	43.2	(4.6)	4.9	(1.8)
	Indonesia	1.8	(1.0)	3.1	(1.2)	44.9	(4.1)	50.2	(4.2)	4.1	(1.5)	10.8	(2.5)	58.0	(4.2)	27.1	(3.9)
	Jordan	4.6	(1.8)	2.6	(1.1)	39.5	(3.7)	53.3	(4.1)	3.2	(1.2)	5.3	(1.5)	35.5	(3.4)	56.0	(3.7)
	Kazakhstan	8.1	(2.3)	6.5	(1.9)	33.0	(3.0)	52.5	(3.6)	8.8	(2.1)	9.1	(2.1)	43.5	(3.9)	38.5	(3.3)
	Latvia	9.9	(2.2)	13.6	(2.7)	47.0	(3.8)	29.5	(3.6)	4.5	(1.5)	13.2	(2.5)	59.0	(3.6)	23.3	(3.1)
	Liechtenstein	18.2	(0.5)	54.2	(0.9)	17.2	(1.1)	10.5	(1.0)	0.0	c	69.4	(1.0)	30.6	(1.0)	0.0	c
	Lithuania	12.8	(2.1)	17.4	(2.9)	52.0	(3.5)	17.8	(2.6)	9.5	(2.1)	23.4	(3.1)	51.6	(3.7)	15.5	(2.7)
	Macao-China	6.6	(0.1)	27.2	(0.0)	44.7	(0.1)	21.5	(0.0)	2.9	(0.0)	19.6	(0.0)	47.9	(0.1)	29.6	(0.0)
	Malaysia	2.4	(1.2)	5.8	(2.0)	37.2	(3.9)	54.5	(3.9)	0.7	(0.7)	12.9	(2.4)	47.0	(4.3)	39.4	(4.0)
	Montenegro	4.0	(0.0)	2.6	(0.0)	23.1	(0.1)	70.4	(0.1)	2.1	(0.0)	5.0	(0.0)	25.9	(0.2)	67.1	(0.2)
	Peru	10.7	(2.2)	21.2	(2.9)	35.4	(3.2)	32.7	(3.4)	26.8	(3.2)	20.9	(3.0)	34.8	(3.6)	17.6	(3.0)
	Qatar	13.5	(0.1)	6.8	(0.1)	19.6	(0.1)	60.0	(0.1)	4.4	(0.0)	7.2	(0.1)	39.4	(0.1)	49.0	(0.1)
	Romania	46.2	(3.3)	9.8	(2.3)	22.3	(3.4)	21.7	(3.0)	46.1	(3.0)	9.4	(2.4)	21.3	(2.6)	23.2	(2.8)
	Russian Federation	5.1	(1.6)	10.1	(2.0)	64.4	(4.1)	20.4	(3.0)	3.5	(1.1)	13.4	(2.6)	53.9	(4.4)	29.2	(4.1)
	Serbia	1.6	(1.1)	7.9	(2.3)	45.5	(4.1)	45.0	(4.3)	5.2	(1.7)	17.7	(3.5)	45.3	(4.7)	31.8	(4.0)
	Shanghai-China	17.8	(3.0)	14.1	(2.8)	47.5	(4.0)	20.6	(3.5)	6.7	(2.1)	30.8	(3.8)	49.0	(3.8)	13.5	(2.8)
	Singapore	4.6	(0.6)	8.1	(0.6)	45.6	(0.4)	41.7	(0.4)	2.6	(0.0)	16.4	(0.2)	57.0	(0.4)	24.0	(0.3)
	Chinese Taipei	5.5	(1.9)	10.4	(2.5)	47.0	(4.3)	37.2	(3.9)	8.9	(2.1)	21.8	(3.7)	55.7	(4.1)	13.6	(2.7)
	Thailand	10.5	(2.0)	15.3	(2.6)	44.3	(3.4)	30.0	(3.4)	6.1	(1.5)	12.4	(2.2)	50.5	(3.7)	31.0	(3.5)
	Tunisia	3.6	(1.6)	9.6	(2.3)	24.5	(3.4)	62.4	(3.8)	7.7	(2.2)	19.2	(3.3)	33.4	(4.0)	39.7	(4.2)
United Arab Emirates	5.0	(1.3)	8.2	(1.5)	35.1	(2.1)	51.7	(2.7)	4.3	(1.0)	8.0	(1.7)	40.9	(2.4)	46.8	(3.0)	
Uruguay	1.7	(0.7)	5.6	(2.0)	40.9	(3.9)	51.8	(3.9)	5.8	(2.0)	11.0	(2.3)	42.4	(3.7)	40.8	(3.5)	
Viet Nam	9.5	(2.3)	7.6	(2.3)	51.2	(4.0)	31.7	(3.6)	5.7	(2.0)	13.6	(2.5)	61.3	(3.7)	19.5	(3.1)	


\* See notes at the beginning of this Annex.  
 StatLink  <http://dx.doi.org/10.1787/888932957498>

[Part 6/7]

**School management and leadership**Table IV.4.8 *Results based on school principals' reports*

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:															
		Provide staff with opportunities to make decisions concerning the school						Engage teachers to help build a culture of continuous improvement in the school									
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.1	(0.6)	12.0	(1.3)	61.6	(1.9)	24.3	(1.8)	1.7	(0.5)	11.0	(1.3)	49.2	(2.1)	38.1	(2.0)
	Austria	7.8	(2.0)	26.6	(3.5)	46.3	(4.4)	19.4	(3.1)	11.2	(2.7)	23.8	(3.4)	49.7	(4.0)	15.2	(2.9)
	Belgium	6.2	(1.7)	30.3	(2.9)	49.5	(3.0)	14.0	(1.9)	14.1	(2.2)	31.1	(3.1)	36.0	(3.3)	18.8	(2.6)
	Canada	1.5	(0.5)	8.3	(1.4)	67.3	(2.1)	22.9	(2.0)	4.7	(1.0)	13.0	(1.4)	46.1	(2.7)	36.1	(2.3)
	Chile	2.1	(1.0)	13.2	(3.0)	53.3	(3.6)	31.3	(3.5)	2.4	(1.0)	8.5	(1.9)	57.3	(3.8)	31.8	(3.4)
	Czech Republic	8.8	(2.2)	36.5	(3.4)	38.7	(3.3)	16.0	(3.1)	8.5	(2.3)	26.9	(3.4)	46.2	(3.4)	18.4	(3.3)
	Denmark	3.2	(1.3)	12.3	(2.3)	71.6	(3.3)	12.8	(2.6)	3.9	(1.4)	14.7	(2.5)	58.1	(3.5)	23.3	(3.2)
	Estonia	4.2	(1.0)	34.6	(2.8)	44.0	(3.0)	17.3	(2.6)	4.1	(1.0)	22.1	(2.5)	51.0	(2.8)	22.7	(2.7)
	Finland	3.6	(1.4)	9.1	(1.9)	70.4	(3.3)	16.8	(2.8)	6.7	(1.6)	18.6	(2.9)	53.9	(3.7)	20.9	(2.9)
	France	8.7	(1.9)	46.9	(3.4)	36.6	(3.1)	7.8	(2.0)	17.3	(2.5)	46.7	(3.4)	25.8	(3.1)	10.3	(2.2)
	Germany	0.6	(0.6)	15.4	(2.3)	52.8	(3.3)	31.3	(3.1)	1.9	(1.0)	14.5	(2.6)	51.7	(3.5)	31.9	(3.3)
	Greece	4.3	(1.3)	21.1	(3.2)	56.8	(3.3)	17.9	(2.8)	2.5	(1.2)	20.0	(3.2)	48.4	(3.7)	29.2	(3.6)
	Hungary	5.1	(1.7)	29.7	(3.4)	59.9	(3.6)	5.3	(1.7)	19.6	(3.7)	23.5	(3.2)	44.4	(3.6)	12.4	(2.6)
	Iceland	1.0	(0.1)	13.0	(0.2)	68.1	(0.2)	17.9	(0.2)	5.6	(0.1)	18.7	(0.2)	62.8	(0.2)	12.8	(0.2)
	Ireland	3.0	(1.5)	25.7	(4.1)	48.9	(4.1)	22.4	(3.8)	7.0	(2.2)	25.4	(3.8)	37.7	(4.3)	29.9	(3.9)
	Israel	7.6	(2.3)	25.1	(3.6)	51.9	(4.2)	15.4	(2.8)	10.8	(2.6)	23.6	(3.1)	46.3	(3.3)	19.3	(3.2)
	Italy	4.6	(1.0)	30.9	(2.3)	42.9	(2.4)	21.6	(1.6)	3.2	(0.7)	20.5	(2.0)	38.4	(2.0)	38.0	(2.0)
	Japan	19.5	(2.7)	13.5	(2.7)	59.5	(3.5)	7.5	(1.7)	23.8	(3.0)	34.9	(3.4)	36.5	(3.6)	4.8	(1.5)
	Korea	9.2	(2.5)	16.6	(2.9)	62.4	(3.9)	11.8	(2.1)	13.9	(3.1)	21.2	(3.3)	58.5	(4.2)	6.4	(1.9)
	Luxembourg	4.7	(0.0)	46.8	(0.1)	36.8	(0.1)	11.7	(0.1)	21.8	(0.1)	43.4	(0.1)	20.9	(0.1)	14.0	(0.1)
	Mexico	17.8	(1.4)	27.7	(1.8)	34.4	(1.7)	20.1	(1.3)	7.8	(0.8)	27.5	(1.7)	41.8	(1.8)	23.0	(1.5)
	Netherlands	4.5	(1.6)	35.9	(4.5)	45.2	(4.5)	14.3	(3.6)	6.4	(1.9)	22.3	(3.2)	56.8	(4.3)	14.5	(3.5)
	New Zealand	2.5	(0.8)	12.6	(2.6)	67.3	(3.3)	17.6	(3.1)	5.4	(1.8)	14.5	(3.0)	57.8	(4.0)	22.3	(3.7)
	Norway	3.9	(1.7)	11.1	(2.5)	67.8	(3.6)	17.2	(3.0)	7.6	(1.9)	18.4	(2.9)	58.7	(3.8)	15.3	(2.9)
	Poland	13.1	(2.9)	42.5	(4.2)	33.3	(4.1)	11.0	(2.5)	14.7	(2.7)	33.4	(3.5)	39.8	(4.1)	12.0	(2.5)
	Portugal	5.8	(2.3)	7.0	(2.1)	56.9	(4.6)	30.3	(4.1)	2.5	(1.1)	17.3	(3.5)	38.9	(4.1)	41.3	(4.4)
	Slovak Republic	8.6	(2.5)	27.8	(3.7)	55.2	(3.6)	8.5	(2.1)	3.3	(1.2)	25.4	(3.6)	54.8	(4.2)	16.5	(3.2)
	Slovenia	6.6	(0.7)	21.8	(0.4)	53.4	(0.8)	18.2	(0.5)	3.7	(0.6)	13.3	(0.4)	57.3	(0.8)	25.8	(0.5)
	Spain	4.2	(1.1)	22.4	(2.3)	54.7	(2.6)	18.7	(2.0)	4.4	(1.1)	31.0	(2.1)	43.3	(2.4)	21.3	(2.5)
	Sweden	1.8	(1.0)	10.2	(2.5)	70.7	(3.3)	17.3	(2.6)	3.0	(1.2)	15.9	(2.6)	55.5	(3.9)	25.6	(3.4)
	Switzerland	10.7	(2.1)	34.7	(3.2)	48.8	(3.4)	5.8	(1.9)	13.3	(2.0)	34.1	(3.0)	41.0	(3.5)	11.6	(2.4)
	Turkey	2.1	(1.0)	13.6	(2.8)	40.7	(3.7)	43.6	(3.4)	2.8	(1.0)	9.2	(2.3)	42.3	(4.3)	45.6	(3.9)
United Kingdom	3.4	(1.4)	22.8	(3.0)	53.0	(3.9)	20.8	(3.3)	1.8	(0.8)	13.6	(2.7)	41.9	(3.2)	42.7	(3.5)	
United States	3.5	(1.5)	8.9	(2.4)	58.9	(4.5)	28.6	(4.1)	1.9	(1.1)	4.5	(1.7)	53.9	(4.4)	39.6	(4.5)	
OECD average	5.8	(0.3)	22.5	(0.5)	53.5	(0.6)	18.2	(0.5)	7.7	(0.3)	21.8	(0.5)	47.1	(0.6)	23.3	(0.5)	
Partners	Albania	9.3	(1.9)	28.6	(3.4)	48.2	(3.9)	13.8	(3.3)	10.7	(2.2)	21.1	(3.0)	39.7	(4.1)	28.5	(3.8)
	Argentina	11.5	(2.2)	21.7	(3.3)	36.1	(3.8)	30.7	(4.0)	4.2	(1.2)	17.5	(3.4)	32.0	(3.7)	46.3	(3.9)
	Brazil	3.0	(0.8)	11.6	(1.6)	38.0	(2.4)	47.4	(2.5)	5.6	(0.9)	11.8	(1.5)	36.8	(2.2)	45.8	(2.7)
	Bulgaria	6.7	(2.0)	18.2	(2.6)	59.0	(3.8)	16.2	(2.8)	3.9	(1.3)	21.2	(3.2)	52.8	(3.7)	22.2	(2.9)
	Colombia	5.6	(1.6)	9.6	(1.9)	47.3	(3.7)	37.5	(3.5)	6.9	(1.9)	14.4	(2.6)	37.6	(3.7)	41.0	(3.6)
	Costa Rica	14.1	(2.3)	19.8	(3.3)	48.0	(3.6)	18.0	(2.7)	11.8	(2.3)	20.0	(3.4)	44.2	(3.6)	24.0	(3.2)
	Croatia	6.4	(2.0)	18.7	(2.7)	59.4	(3.5)	15.5	(2.9)	3.6	(1.2)	19.4	(2.8)	43.1	(3.6)	33.9	(3.7)
	Cyprus*	3.3	(0.0)	6.2	(0.1)	71.6	(0.1)	18.9	(0.1)	1.8	(0.0)	4.1	(0.1)	51.3	(0.1)	42.7	(0.1)
	Hong Kong-China	7.4	(2.2)	33.4	(4.3)	51.4	(4.0)	7.9	(2.1)	11.2	(2.6)	33.5	(4.1)	42.9	(4.0)	12.4	(2.7)
	Indonesia	11.3	(2.3)	20.3	(3.3)	49.4	(4.1)	19.0	(3.2)	5.7	(1.6)	11.9	(2.6)	49.5	(4.5)	32.9	(4.0)
	Jordan	6.3	(1.8)	8.3	(2.2)	48.9	(3.7)	36.6	(3.7)	8.2	(1.6)	11.5	(2.1)	41.7	(3.7)	38.6	(3.8)
	Kazakhstan	5.2	(2.0)	23.2	(2.8)	50.0	(4.4)	21.5	(3.5)	5.3	(1.7)	15.4	(2.9)	48.8	(4.3)	30.5	(3.6)
	Latvia	6.1	(1.9)	25.2	(3.2)	49.5	(3.6)	19.1	(3.2)	3.7	(1.4)	15.8	(2.5)	54.0	(3.5)	26.5	(3.3)
	Liechtenstein	0.0	c	56.2	(0.8)	42.7	(0.9)	1.1	(0.7)	0.0	c	0.0	c	95.9	(0.7)	4.1	(0.7)
	Lithuania	6.1	(1.5)	29.3	(3.1)	50.0	(3.7)	14.6	(2.6)	11.8	(2.3)	26.1	(2.9)	39.5	(3.3)	22.6	(2.6)
	Macao-China	23.6	(0.0)	45.8	(0.0)	24.0	(0.1)	6.6	(0.0)	15.1	(0.0)	46.0	(0.1)	34.7	(0.1)	4.2	(0.0)
	Malaysia	5.1	(1.8)	24.6	(3.5)	46.0	(3.8)	24.2	(3.3)	1.6	(0.9)	14.3	(2.7)	49.8	(4.0)	34.3	(3.6)
	Montenegro	10.9	(0.1)	30.5	(0.2)	26.9	(0.1)	31.7	(0.2)	4.8	(0.0)	18.6	(0.1)	26.2	(0.1)	50.4	(0.2)
	Peru	14.3	(2.7)	33.4	(3.2)	34.5	(3.7)	17.8	(2.7)	19.4	(3.2)	24.7	(3.2)	32.6	(3.3)	23.3	(3.0)
	Qatar	14.1	(0.1)	17.0	(0.1)	44.5	(0.1)	24.4	(0.1)	5.9	(0.0)	18.7	(0.1)	42.1	(0.1)	33.3	(0.1)
	Romania	40.3	(2.7)	13.9	(2.3)	28.6	(2.9)	17.3	(2.4)	43.4	(2.7)	9.8	(2.4)	20.0	(3.2)	26.8	(3.1)
	Russian Federation	2.7	(1.4)	36.1	(3.9)	52.6	(3.9)	8.6	(2.0)	12.7	(2.2)	19.6	(2.8)	53.0	(3.7)	14.8	(2.0)
	Serbia	3.0	(1.5)	30.5	(4.1)	45.5	(4.5)	21.0	(3.3)	4.5	(1.8)	26.3	(3.5)	40.0	(4.3)	29.2	(4.1)
	Shanghai-China	48.3	(4.3)	37.6	(4.0)	12.5	(2.4)	1.6	(0.7)	17.4	(3.1)	41.6	(4.1)	32.1	(4.1)	8.8	(2.3)
	Singapore	2.9	(0.1)	19.1	(0.2)	59.6	(0.4)	18.4	(0.2)	2.3	(0.0)	14.1	(0.1)	58.4	(0.4)	25.2	(0.3)
	Chinese Taipei	11.3	(2.7)	25.2	(3.3)	51.2	(4.1)	12.3	(2.4)	12.6	(2.5)	26.5	(3.5)	48.3	(4.2)	12.6	(2.8)
	Thailand	5.0	(1.7)	11.5	(2.1)	50.2	(3.5)	33.2	(3.6)	4.8	(1.5)	12.9	(2.6)	46.2	(4.0)	36.0	(3.8)
	Tunisia	13.8	(2.8)	34.6	(3.4)	26.0	(3.8)	25.6	(3.4)	15.6	(2.9)	34.2	(3.6)	25.6	(3.6)	24.6	(3.4)
	United Arab Emirates	7.1	(1.3)	21.1	(2.4)	52.3	(2.6)	19.5	(2.0)	6.0	(1.8)	8.8	(1.4)	50.3	(2.7)	34.8	(2.9)
	Uruguay	7.4	(2.1)	12.8	(2.6)	51.9	(3.9)	28.0	(3.5)	6.6	(2.1)	9.6	(2.3)	53.3	(3.9)	30.5	(3.6)
	Viet Nam	19.2	(3.3)	16.0	(3.0)	60.2	(3.9)	4.6	(1.6)	14.2	(2.9)	19.9	(3.5)	56.3	(4.1)	9.7	(2.4)

\* See notes at the beginning of this Annex.

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[Part 7/7]  
**School management and leadership**  
 Results based on school principals' reports

Table IV.4.8

		Percentage of students in schools whose principal reported that he/she engaged in the following actions during the previous academic year:							
		Ask teachers to participate in reviewing management practices							
		Never or 1-2 times during the year		3-4 times during the year		Once a month to once a week		More than once a week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	22.4	(1.8)	26.0	(1.6)	41.7	(2.0)	9.9	(1.3)
	Austria	75.4	(3.4)	10.7	(2.6)	12.6	(2.5)	1.3	(0.9)
	Belgium	69.9	(3.0)	15.9	(2.1)	12.0	(2.3)	2.2	(0.9)
	Canada	35.5	(2.0)	20.9	(1.7)	38.5	(2.3)	5.1	(1.1)
	Chile	41.0	(3.9)	16.8	(3.0)	35.5	(3.8)	6.8	(1.9)
	Czech Republic	52.1	(4.3)	27.0	(3.2)	17.5	(3.1)	3.4	(1.5)
	Denmark	62.2	(3.6)	18.9	(3.1)	16.5	(2.8)	2.3	(1.0)
	Estonia	71.1	(2.9)	12.0	(2.0)	13.2	(1.9)	3.6	(1.5)
	Finland	62.8	(3.6)	17.7	(2.5)	15.8	(2.5)	3.6	(1.6)
	France	74.2	(3.4)	19.6	(3.0)	3.6	(1.1)	2.6	(1.3)
	Germany	78.9	(3.1)	10.0	(2.5)	10.2	(2.3)	0.9	(0.6)
	Greece	51.1	(3.9)	19.1	(3.1)	23.9	(3.4)	5.9	(1.6)
	Hungary	82.4	(2.8)	11.3	(2.4)	6.2	(1.9)	0.1	(0.1)
	Iceland	68.1	(0.2)	16.5	(0.2)	14.1	(0.1)	1.2	(0.0)
	Ireland	37.7	(4.0)	29.6	(4.0)	21.6	(3.2)	11.0	(2.4)
	Israel	59.8	(4.3)	20.8	(3.3)	15.8	(3.0)	3.5	(1.4)
	Italy	21.0	(1.8)	32.7	(2.1)	33.8	(2.2)	12.5	(1.3)
	Japan	35.0	(3.6)	18.7	(3.0)	44.2	(3.5)	2.1	(1.0)
	Korea	28.7	(4.1)	19.6	(3.1)	43.1	(4.3)	8.7	(2.3)
	Luxembourg	64.8	(0.1)	29.7	(0.1)	2.3	(0.0)	3.2	(0.0)
	Mexico	42.3	(1.9)	22.9	(1.9)	27.6	(1.6)	7.1	(0.7)
	Netherlands	56.9	(4.4)	23.9	(3.8)	17.7	(3.3)	1.4	(1.0)
	New Zealand	30.5	(3.7)	26.0	(3.9)	38.1	(3.9)	5.4	(2.1)
	Norway	64.6	(3.5)	21.4	(2.9)	11.9	(2.6)	2.1	(1.2)
	Poland	35.6	(3.8)	41.9	(4.0)	20.0	(3.2)	2.4	(1.3)
	Portugal	26.5	(3.5)	27.7	(4.1)	33.4	(4.0)	12.4	(3.0)
	Slovak Republic	35.1	(3.2)	32.7	(3.7)	30.2	(3.3)	2.0	(1.0)
	Slovenia	40.1	(0.8)	24.6	(0.8)	30.2	(0.7)	5.1	(0.3)
	Spain	38.5	(2.6)	36.7	(3.1)	19.0	(2.0)	5.8	(1.5)
	Sweden	64.5	(3.6)	17.1	(2.8)	16.1	(2.7)	2.3	(1.2)
	Switzerland	81.9	(2.6)	10.6	(2.2)	7.1	(1.8)	0.4	(0.3)
	Turkey	6.5	(2.5)	19.1	(3.0)	45.4	(4.3)	29.1	(3.3)
United Kingdom	22.3	(2.9)	27.5	(2.6)	39.8	(3.5)	10.3	(2.2)	
United States	26.2	(4.0)	18.7	(3.9)	43.5	(4.9)	11.5	(2.8)	
OECD average	49.0	(0.6)	21.9	(0.5)	23.6	(0.5)	5.5	(0.3)	
Partners	Albania	9.5	(2.3)	23.8	(3.6)	43.4	(4.1)	23.3	(4.0)
	Argentina	45.9	(3.5)	21.7	(2.8)	18.7	(2.9)	13.6	(2.4)
	Brazil	23.4	(2.1)	19.0	(1.8)	38.7	(2.5)	18.9	(2.0)
	Bulgaria	6.9	(2.0)	33.7	(3.8)	50.5	(3.7)	8.9	(2.3)
	Colombia	33.8	(3.6)	19.8	(3.1)	32.8	(3.3)	13.6	(2.6)
	Costa Rica	34.8	(3.5)	22.4	(3.0)	31.3	(4.0)	11.5	(2.2)
	Croatia	42.5	(3.7)	26.3	(3.9)	23.8	(3.1)	7.3	(2.3)
	Cyprus*	17.1	(0.1)	21.7	(0.1)	41.2	(0.1)	20.0	(0.1)
	Hong Kong-China	15.8	(3.1)	43.0	(4.7)	39.7	(4.3)	1.5	(1.0)
	Indonesia	16.0	(3.3)	23.1	(3.4)	48.5	(4.0)	12.3	(2.5)
	Jordan	22.7	(3.0)	8.6	(2.2)	42.9	(3.9)	25.8	(3.4)
	Kazakhstan	13.0	(2.7)	29.7	(3.7)	45.2	(4.2)	12.0	(2.5)
	Latvia	43.7	(3.8)	27.6	(3.7)	24.0	(3.5)	4.7	(1.5)
	Liechtenstein	74.1	(0.7)	12.3	(0.2)	12.5	(1.0)	1.1	(0.7)
	Lithuania	61.2	(3.5)	24.6	(2.6)	10.0	(2.3)	4.2	(1.5)
	Macao-China	27.5	(0.0)	48.0	(0.1)	18.1	(0.0)	6.3	(0.0)
	Malaysia	10.0	(2.1)	20.0	(3.4)	46.3	(3.6)	23.8	(3.4)
	Montenegro	20.4	(0.1)	28.5	(0.2)	35.1	(0.2)	16.1	(0.2)
	Peru	47.0	(3.8)	28.8	(3.5)	20.4	(3.0)	3.8	(1.4)
	Qatar	32.1	(0.1)	29.6	(0.1)	27.5	(0.1)	10.9	(0.1)
	Romania	46.8	(3.5)	18.7	(2.5)	22.9	(3.0)	11.5	(2.1)
	Russian Federation	16.9	(2.6)	39.2	(3.2)	42.1	(3.3)	1.8	(0.8)
	Serbia	53.2	(3.9)	24.5	(3.7)	17.1	(3.5)	5.2	(2.0)
	Shanghai-China	47.5	(4.0)	41.8	(4.1)	7.8	(2.1)	2.9	(1.1)
	Singapore	32.9	(0.3)	33.2	(0.6)	28.2	(0.5)	5.7	(0.1)
	Chinese Taipei	25.4	(3.5)	29.1	(3.6)	39.2	(4.2)	6.2	(2.0)
	Thailand	14.0	(2.5)	12.2	(2.4)	53.6	(3.8)	20.2	(3.2)
	Tunisia	31.0	(3.6)	34.8	(3.9)	24.2	(3.5)	9.9	(2.4)
	United Arab Emirates	29.1	(2.5)	18.0	(2.0)	37.1	(2.4)	15.8	(2.0)
	Uruguay	25.8	(3.1)	15.5	(2.9)	44.9	(3.7)	13.8	(2.7)
Viet Nam	39.7	(3.9)	22.5	(3.8)	34.1	(4.3)	3.7	(1.6)	

\* See notes at the beginning of this Annex.


StatLink  <http://dx.doi.org/10.1787/888932957498>



[Part 1/1]

**School competition reported by principals and parents**Table IV.4.9 *Results based on school principals' and parents' reports*

	Students in schools whose principal reported on the number of schools competing for students in the same area								Difference between the percentage of students whose principals and parents reported that schools compete for students, and the percentage of students whose principals reported that schools DO NOT compete for students but whose parents reported that schools DO compete for students		
	No other school				One school or more						
	Among these students, percentage of students whose parents reported on the number of schools competing for students in the same area				Among these students, percentage of students whose parents reported on the number of schools competing for students in the same area						
	No other school		One school or more		No other school		One school or more				
	%	S.E.	%	S.E.	%	S.E.	%	S.E.		% dif.	S.E.
OECD	Belgium (Flemish community)	55.8	(9.5)	44.2	(9.5)	26.0	(1.2)	74.0	(1.2)	<b>29.8</b>	(9.7)
	Chile	75.2	(3.9)	24.8	(3.9)	45.0	(2.0)	55.0	(2.0)	<b>30.2</b>	(4.5)
	Germany	53.0	(3.4)	47.0	(3.4)	28.8	(2.2)	71.2	(2.2)	<b>24.2</b>	(4.0)
	Hungary	53.8	(2.8)	46.2	(2.8)	33.3	(1.4)	66.7	(1.4)	<b>20.5</b>	(3.2)
	Italy	60.9	(1.2)	39.1	(1.2)	41.1	(1.1)	58.9	(1.1)	<b>19.8</b>	(1.7)
	Korea	42.8	(5.9)	57.2	(5.9)	20.0	(1.4)	80.0	(1.4)	<b>22.8</b>	(6.2)
	Mexico	65.5	(2.8)	34.5	(2.8)	31.2	(0.8)	68.8	(0.8)	<b>34.3</b>	(3.1)
	Portugal	73.9	(3.2)	26.1	(3.2)	43.3	(2.3)	56.7	(2.3)	<b>30.6</b>	(4.0)
Partners	Croatia	57.6	(3.4)	42.4	(3.4)	41.2	(1.2)	58.8	(1.2)	<b>16.5</b>	(3.7)
	Hong Kong-China	28.1	(2.4)	71.9	(2.4)	20.8	(0.9)	79.2	(0.9)	<b>7.2</b>	(2.5)
	Macao-China	41.2	(3.2)	58.8	(3.2)	33.2	(0.7)	66.8	(0.7)	<b>8.0</b>	(3.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with data from the parent questionnaire are shown. StatLink  <http://dx.doi.org/10.1787/888932957498>





[Part 1/1]

**Parents' reports on their criteria for choosing schools for their children**Table IV.4.10 *Results based on parents' reports*

		Percentage of parents reporting the following reasons in choosing a school for their child:											
		The school is at a short distance to home				The school has a good reputation				The school offers particular courses or school subjects			
		Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important
		% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.
OECD	Belgium (Flemish community)	8.7 (0.7)	32.7 (1.0)	45.7 (1.0)	12.9 (0.7)	0.6 (0.1)	5.0 (0.4)	51.1 (0.9)	43.2 (1.1)	1.3 (0.2)	5.9 (0.4)	54.9 (1.0)	37.9 (1.1)
	Chile	25.0 (1.1)	23.8 (0.6)	27.4 (0.7)	23.8 (1.0)	2.2 (0.3)	10.4 (0.7)	33.2 (1.0)	54.2 (1.4)	4.8 (0.4)	13.8 (0.5)	44.5 (0.7)	37.0 (0.8)
	Germany	13.1 (0.8)	30.8 (1.1)	38.7 (1.0)	17.3 (0.9)	1.2 (0.2)	11.1 (0.6)	46.3 (1.2)	41.4 (1.3)	4.6 (0.4)	18.2 (0.9)	50.9 (0.9)	26.2 (0.9)
	Hungary	15.7 (0.9)	33.3 (1.0)	34.5 (0.9)	16.5 (1.0)	2.5 (0.3)	13.5 (0.8)	52.7 (1.0)	31.4 (1.2)	6.9 (0.5)	17.5 (1.0)	48.3 (1.2)	27.3 (1.1)
	Italy	37.4 (0.7)	31.1 (0.4)	22.3 (0.5)	9.2 (0.3)	3.0 (0.1)	18.0 (0.4)	44.0 (0.4)	35.1 (0.4)	9.4 (0.3)	23.0 (0.4)	48.4 (0.4)	19.2 (0.4)
	Korea	4.5 (0.4)	27.4 (0.8)	45.0 (0.8)	23.1 (0.9)	1.2 (0.2)	9.9 (0.6)	48.6 (0.8)	40.4 (0.9)	3.1 (0.3)	17.8 (0.7)	54.6 (0.6)	24.5 (0.7)
	Mexico	16.1 (0.4)	18.8 (0.4)	32.8 (0.4)	32.3 (0.5)	2.7 (0.2)	10.6 (0.3)	35.2 (0.5)	51.5 (0.6)	5.9 (0.2)	15.1 (0.3)	45.0 (0.4)	34.0 (0.5)
	Portugal	7.5 (0.6)	23.0 (1.0)	29.9 (0.9)	39.6 (1.2)	1.7 (0.2)	9.6 (0.6)	34.5 (1.1)	54.3 (1.4)	3.1 (0.3)	11.2 (0.6)	41.3 (0.9)	44.4 (1.2)
Partners	Croatia	25.2 (1.0)	24.9 (0.6)	35.1 (0.9)	14.8 (0.7)	5.1 (0.3)	17.6 (0.7)	49.6 (0.8)	27.7 (1.0)	2.1 (0.2)	14.8 (0.6)	52.4 (0.8)	30.7 (0.9)
	Hong Kong-China	14.4 (0.7)	40.0 (0.9)	35.8 (0.8)	9.8 (0.5)	0.7 (0.1)	6.7 (0.4)	41.3 (0.8)	51.2 (1.0)	8.2 (0.5)	24.9 (0.6)	50.8 (0.7)	16.1 (0.8)
	Macao-China	21.5 (0.6)	33.0 (0.6)	32.8 (0.6)	12.7 (0.5)	5.0 (0.3)	15.9 (0.5)	45.7 (0.7)	33.4 (0.6)	7.0 (0.4)	21.4 (0.5)	55.0 (0.6)	16.6 (0.5)


		Percentage of parents reporting the following reasons in choosing a school for their child:											
		The school adheres to a particular religious philosophy				The school has a particular approach to pedagogy				Other family members attend the school			
		Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important
		% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.
OECD	Belgium (Flemish community)	41.9 (0.9)	31.9 (0.7)	22.3 (0.8)	3.9 (0.4)	65.2 (1.0)	20.3 (0.6)	12.6 (0.7)	1.9 (0.3)	57.4 (1.1)	19.6 (0.7)	18.4 (0.9)	4.6 (0.4)
	Chile	38.8 (1.4)	20.6 (0.7)	23.5 (0.8)	17.1 (1.1)	28.2 (0.9)	27.5 (0.7)	32.3 (0.8)	12.0 (0.5)	49.9 (1.0)	12.1 (0.5)	18.9 (0.7)	19.1 (0.7)
	Germany	62.8 (1.4)	20.2 (0.6)	12.9 (0.9)	4.0 (0.6)	52.5 (1.0)	29.1 (0.8)	14.3 (0.6)	4.1 (0.5)	66.0 (1.0)	14.7 (0.6)	14.8 (0.6)	4.5 (0.4)
	Hungary	71.9 (0.8)	15.0 (0.8)	8.9 (0.9)	4.1 (0.9)	67.3 (0.8)	21.0 (0.7)	9.9 (0.4)	1.8 (0.2)	64.0 (1.1)	15.3 (0.6)	15.2 (0.8)	5.5 (0.4)
	Italy	61.0 (0.5)	16.3 (0.3)	17.8 (0.4)	5.0 (0.2)	48.3 (0.5)	24.9 (0.4)	22.0 (0.4)	4.7 (0.2)	67.9 (0.5)	11.6 (0.3)	14.1 (0.3)	6.4 (0.2)
	Korea	58.0 (0.9)	22.1 (0.6)	13.8 (0.6)	6.1 (0.5)	20.0 (0.8)	31.5 (0.7)	37.4 (0.8)	11.1 (0.5)	69.6 (0.8)	17.7 (0.7)	10.1 (0.5)	2.5 (0.2)
	Mexico	72.6 (0.6)	12.6 (0.3)	9.7 (0.2)	5.0 (0.4)	17.2 (0.3)	23.6 (0.3)	38.2 (0.4)	21.0 (0.3)	43.2 (0.5)	14.5 (0.3)	24.2 (0.4)	18.1 (0.3)
	Portugal	46.3 (1.2)	28.3 (0.7)	20.2 (0.8)	5.2 (0.5)	34.6 (0.8)	34.5 (0.7)	25.3 (0.8)	5.5 (0.4)	38.7 (1.0)	20.0 (0.7)	26.8 (0.8)	14.4 (0.7)
Partners	Croatia	49.4 (1.0)	14.8 (0.5)	27.9 (0.7)	7.8 (0.6)	a a	a a	a a	a a	81.1 (0.7)	6.0 (0.4)	10.1 (0.5)	2.8 (0.2)
	Hong Kong-China	43.6 (1.2)	25.5 (0.6)	23.6 (0.7)	7.3 (0.6)	12.7 (0.7)	30.3 (1.0)	47.4 (0.9)	9.6 (0.8)	60.6 (0.8)	20.4 (0.6)	15.6 (0.7)	3.4 (0.3)
	Macao-China	55.1 (0.7)	23.0 (0.6)	18.3 (0.5)	3.6 (0.3)	9.5 (0.4)	28.6 (0.6)	47.2 (0.7)	14.6 (0.5)	44.9 (0.7)	24.9 (0.5)	24.5 (0.7)	5.7 (0.3)

		Percentage of parents reporting the following reasons in choosing a school for their child:											
		Expenses are low (e.g. tuition, books, room and board)				The school has financial aid available, such as a school loan, scholarship, or grant				The school has an active and pleasant school climate			
		Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important
		% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.
OECD	Belgium (Flemish community)	43.6 (0.9)	32.9 (0.7)	18.4 (0.8)	5.1 (0.4)	55.7 (1.0)	21.2 (0.7)	18.1 (0.8)	5.0 (0.4)	1.9 (0.2)	8.9 (0.5)	59.8 (0.8)	29.4 (1.0)
	Chile	16.5 (0.6)	23.5 (0.6)	31.0 (0.7)	29.0 (0.8)	19.9 (0.7)	17.8 (0.6)	27.4 (0.7)	34.9 (0.9)	2.3 (0.3)	9.6 (0.5)	30.5 (0.8)	57.6 (1.0)
	Germany	41.4 (0.9)	29.8 (0.8)	20.5 (0.8)	8.4 (0.5)	55.9 (1.2)	23.1 (0.8)	14.9 (0.9)	6.1 (0.4)	1.3 (0.3)	7.4 (0.6)	41.7 (1.2)	49.6 (1.3)
	Hungary	25.1 (0.7)	34.2 (0.8)	28.9 (0.8)	11.9 (0.6)	45.6 (0.9)	25.1 (0.7)	21.2 (0.6)	8.0 (0.6)	7.3 (0.6)	21.2 (0.8)	53.3 (0.8)	18.2 (0.7)
	Italy	39.7 (0.6)	27.3 (0.4)	22.9 (0.4)	10.1 (0.3)	a a	a a	a a	a a	3.2 (0.2)	17.7 (0.3)	45.7 (0.4)	33.4 (0.4)
	Korea	16.3 (0.6)	30.4 (0.7)	38.6 (0.8)	14.6 (0.6)	20.1 (0.7)	25.3 (0.7)	36.0 (0.7)	18.6 (0.6)	0.9 (0.2)	7.1 (0.4)	41.1 (0.7)	50.9 (0.8)
	Mexico	13.9 (0.3)	22.4 (0.4)	34.8 (0.4)	29.0 (0.4)	16.1 (0.4)	17.5 (0.3)	31.9 (0.4)	34.4 (0.5)	2.8 (0.1)	11.5 (0.3)	36.4 (0.5)	49.2 (0.5)
	Portugal	14.8 (0.9)	24.0 (0.7)	34.2 (1.1)	27.0 (0.9)	26.4 (1.1)	21.1 (0.6)	28.0 (0.8)	24.6 (0.9)	1.5 (0.2)	9.9 (0.5)	38.9 (0.8)	49.7 (0.9)
Partners	Croatia	39.7 (0.9)	18.7 (0.6)	26.8 (0.8)	14.8 (0.6)	52.9 (0.8)	12.6 (0.5)	22.3 (0.6)	12.2 (0.6)	3.7 (0.3)	16.9 (0.6)	46.1 (0.8)	33.2 (0.8)
	Hong Kong-China	34.0 (0.8)	34.0 (1.1)	23.5 (0.8)	8.5 (0.5)	39.9 (1.2)	27.0 (0.7)	23.6 (0.8)	9.5 (0.6)	2.7 (0.3)	12.0 (0.6)	46.4 (0.8)	38.9 (1.0)
	Macao-China	33.1 (0.6)	29.2 (0.6)	25.5 (0.6)	12.2 (0.4)	28.5 (0.6)	25.0 (0.6)	28.2 (0.6)	18.3 (0.5)	3.1 (0.3)	13.6 (0.5)	48.4 (0.8)	34.9 (0.6)

		Percentage of parents reporting the following reasons in choosing a school for their child:									
		The academic achievements of students in the school are high					There is a safe school environment				
		Not important	Somewhat important	Important	Very important	Not important	Somewhat important	Important	Very important		
		% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.		
OECD	Belgium (Flemish community)	5.2 (0.4)	19.5 (0.7)	60.1 (0.7)	15.2 (0.7)	1.7 (0.2)	8.8 (0.5)	53.2 (0.9)	36.4 (0.9)		
	Chile	3.2 (0.4)	13.1 (0.6)	36.1 (0.9)	47.6 (1.2)	2.1 (0.2)	7.9 (0.5)	24.8 (0.7)	65.3 (0.9)		
	Germany	4.1 (0.4)	16.8 (0.8)	51.8 (1.1)	27.2 (1.0)	1.7 (0.3)	6.8 (0.5)	37.7 (1.0)	53.8 (1.2)		
	Hungary	4.6 (0.4)	19.3 (0.8)	53.3 (1.0)	22.8 (1.0)	1.2 (0.2)	5.8 (0.4)	45.5 (1.0)	47.6 (0.9)		
	Italy	8.0 (0.3)	23.7 (0.3)	45.4 (0.4)	22.9 (0.3)	2.2 (0.1)	10.2 (0.3)	33.2 (0.4)	54.3 (0.5)		
	Korea	1.4 (0.2)	8.3 (0.5)	40.0 (0.8)	50.4 (1.0)	0.9 (0.2)	4.4 (0.3)	28.4 (0.6)	66.2 (0.7)		
	Mexico	3.5 (0.2)	13.1 (0.3)	38.4 (0.4)	45.0 (0.5)	2.7 (0.1)	9.6 (0.3)	30.3 (0.4)	57.4 (0.6)		
	Portugal	2.5 (0.3)	12.2 (0.7)	40.2 (0.9)	45.2 (1.0)	1.4 (0.2)	5.3 (0.4)	24.3 (0.8)	68.9 (1.0)		
Partners	Croatia	5.9 (0.4)	16.8 (0.6)	46.4 (0.8)	31.0 (0.8)	1.4 (0.2)	10.3 (0.5)	32.7 (0.7)	55.6 (0.8)		
	Hong Kong-China	3.3 (0.3)	16.4 (0.5)	50.7 (0.8)	29.6 (0.8)	0.6 (0.1)	4.3 (0.3)	32.5 (0.9)	62.6 (0.9)		
	Macao-China	5.1 (0.3)	17.3 (0.5)	46.6 (0.7)	31.0 (0.7)	1.2 (0.1)	5.6 (0.3)	31.9 (0.6)	61.3 (0.7)		

Note: Only countries and economies with data from the parent questionnaire are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957498>

[Part 1/1]

**Parents' reports on their criteria for choosing schools for their children,  
by socio-economic status of students**
Table IV.4.11  
Results based on parents' reports

		Percentage of parents reporting the following reasons are "very important" in choosing a school for their child:											
		The school is at a short distance to home				The school has a good reputation				The school offers particular courses or school subjects			
		Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Belgium (Flemish community)	12.2 (1.0)	12.7 (0.9)	12.8 (1.3)	14.0 (1.5)	<b>37.4</b> (1.8)	41.9 (1.7)	47.4 (2.0)	<b>47.2</b> (1.9)	36.6 (1.8)	37.7 (1.9)	37.7 (1.7)	39.6 (1.6)
	Chile	29.5 (2.0)	22.9 (1.6)	24.2 (1.8)	<b>18.2</b> (1.5)	46.5 (2.3)	56.8 (2.2)	60.3 (2.0)	<b>53.5</b> (1.5)	32.9 (1.5)	41.0 (1.5)	40.9 (1.5)	33.2 (1.4)
	Germany	<b>21.1</b> (1.9)	17.0 (1.4)	17.0 (1.5)	<b>14.8</b> (1.5)	43.0 (1.9)	43.9 (2.4)	39.8 (2.1)	39.4 (2.2)	25.0 (1.9)	25.8 (1.7)	25.6 (1.8)	28.8 (1.9)
	Hungary	21.6 (2.0)	16.4 (1.7)	15.5 (1.6)	<b>12.3</b> (1.6)	23.5 (1.8)	30.4 (2.1)	31.5 (2.2)	<b>40.5</b> (2.0)	<b>17.3</b> (1.4)	26.8 (1.9)	31.0 (1.9)	<b>34.2</b> (2.1)
	Italy	<b>12.3</b> (0.6)	8.9 (0.6)	8.5 (0.5)	<b>7.0</b> (0.5)	<b>31.9</b> (0.8)	34.7 (0.9)	36.3 (0.9)	<b>37.6</b> (0.9)	18.2 (0.6)	19.1 (0.6)	20.6 (0.7)	18.8 (0.8)
	Korea	<b>20.3</b> (1.4)	23.1 (1.5)	24.1 (1.4)	<b>24.9</b> (1.6)	<b>30.8</b> (1.4)	36.8 (1.6)	44.6 (1.7)	<b>49.3</b> (1.8)	<b>22.1</b> (1.2)	24.6 (1.5)	23.5 (1.4)	<b>27.6</b> (1.5)
	Mexico	<b>35.4</b> (1.0)	36.1 (0.8)	33.9 (0.8)	<b>23.8</b> (1.0)	<b>41.4</b> (1.2)	50.5 (0.9)	54.7 (1.0)	<b>59.5</b> (1.0)	<b>28.6</b> (0.8)	31.0 (0.8)	36.9 (1.0)	<b>39.6</b> (0.9)
	Portugal	<b>40.2</b> (1.9)	42.8 (2.2)	43.7 (2.3)	<b>31.9</b> (2.3)	<b>40.6</b> (2.1)	51.4 (2.3)	56.0 (2.7)	<b>69.7</b> (2.4)	<b>36.5</b> (1.7)	45.0 (1.7)	46.8 (1.9)	<b>48.8</b> (2.2)
Partners	Croatia	<b>19.9</b> (1.4)	15.3 (1.2)	12.9 (1.3)	<b>11.1</b> (1.1)	<b>24.4</b> (1.4)	26.0 (1.5)	27.2 (1.5)	<b>33.2</b> (1.7)	<b>23.5</b> (1.3)	26.9 (1.4)	32.9 (1.5)	<b>39.7</b> (1.9)
	Hong Kong-China	12.5 (1.1)	9.5 (1.0)	8.9 (0.9)	<b>8.1</b> (1.0)	<b>40.2</b> (1.7)	47.7 (1.9)	56.4 (1.9)	<b>62.1</b> (1.9)	15.2 (1.1)	16.2 (1.1)	16.6 (1.2)	17.3 (2.5)
	Macao-China	14.0 (1.1)	11.2 (0.8)	12.7 (1.0)	12.7 (0.9)	<b>26.4</b> (1.3)	31.0 (1.2)	33.7 (1.4)	<b>42.5</b> (1.5)	<b>15.3</b> (1.0)	15.2 (0.9)	16.4 (1.0)	<b>19.4</b> (1.1)


		Percentage of parents reporting the following reasons are "very important" in choosing a school for their child:											
		The school adheres to a particular religious philosophy				The school has a particular approach to pedagogy				Other family members attend the school			
		Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Belgium (Flemish community)	4.1 (0.7)	2.8 (0.6)	3.3 (0.7)	5.7 (0.9)	2.6 (0.5)	1.5 (0.5)	1.6 (0.6)	1.8 (0.5)	4.2 (0.7)	3.9 (0.7)	4.1 (0.7)	6.2 (1.0)
	Chile	15.4 (1.4)	17.2 (1.5)	17.1 (1.9)	18.7 (1.8)	10.2 (1.3)	13.3 (1.1)	12.6 (1.0)	12.3 (0.9)	<b>23.8</b> (1.6)	19.1 (1.4)	17.4 (1.3)	<b>16.3</b> (1.0)
	Germany	5.4 (1.1)	3.2 (0.9)	3.9 (0.8)	3.8 (1.0)	3.2 (0.6)	4.4 (0.9)	4.7 (1.0)	4.6 (1.2)	4.8 (0.8)	5.1 (0.8)	4.9 (0.9)	3.6 (0.9)
	Hungary	2.9 (0.8)	2.3 (0.7)	3.7 (1.1)	<b>7.6</b> (2.0)	1.8 (0.3)	1.4 (0.4)	2.1 (0.6)	1.9 (0.5)	6.1 (1.0)	5.4 (0.9)	4.8 (0.9)	5.8 (1.0)
	Italy	<b>6.7</b> (0.4)	5.0 (0.4)	3.7 (0.3)	<b>4.5</b> (0.6)	<b>5.4</b> (0.4)	4.7 (0.4)	4.5 (0.4)	<b>4.4</b> (0.3)	<b>7.9</b> (0.6)	6.8 (0.5)	5.8 (0.4)	<b>5.1</b> (0.4)
	Korea	<b>4.1</b> (0.7)	5.6 (0.7)	7.2 (0.9)	<b>7.6</b> (1.1)	<b>9.4</b> (0.9)	9.7 (1.0)	11.5 (1.1)	<b>13.7</b> (1.2)	2.5 (0.4)	2.9 (0.5)	2.8 (0.5)	1.9 (0.4)
	Mexico	<b>3.9</b> (0.3)	3.7 (0.3)	4.3 (0.4)	<b>8.2</b> (1.0)	<b>14.3</b> (0.6)	19.3 (0.6)	22.8 (0.7)	<b>27.6</b> (0.9)	<b>20.4</b> (0.8)	17.9 (0.6)	17.8 (0.6)	<b>16.4</b> (0.6)
	Portugal	7.6 (0.9)	5.7 (1.0)	3.7 (0.9)	<b>5.9</b> (0.9)	5.5 (0.8)	4.3 (0.7)	5.2 (0.8)	7.2 (1.1)	15.3 (1.1)	15.2 (1.3)	13.7 (1.3)	13.5 (1.1)
Partners	Croatia	8.2 (0.9)	9.2 (1.1)	8.0 (0.9)	5.8 (0.9)	a a	a a	a a	a a	2.9 (0.5)	2.3 (0.5)	2.3 (0.4)	3.7 (0.5)
	Hong Kong-China	6.0 (0.6)	5.9 (0.9)	6.1 (0.9)	<b>10.9</b> (1.8)	9.8 (1.0)	8.2 (1.0)	8.6 (1.0)	11.9 (2.9)	<b>4.5</b> (0.7)	3.3 (0.6)	2.7 (0.5)	<b>2.8</b> (0.5)
	Macao-China	3.5 (0.5)	2.9 (0.5)	3.2 (0.5)	4.6 (0.6)	<b>13.0</b> (1.0)	12.9 (0.9)	14.8 (1.2)	<b>17.9</b> (1.2)	5.7 (0.7)	4.2 (0.6)	6.3 (0.7)	6.5 (0.6)

		Percentage of parents reporting the following reasons are "very important" in choosing a school for their child:											
		Expenses are low (e.g. tuition, books, room and board)				The school has financial aid available, such as a school loan, scholarship, or grant				The school has an active and pleasant school climate			
		Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Belgium (Flemish community)	11.2 (1.2)	5.8 (0.9)	2.5 (0.7)	0.6 (0.2)	<b>10.8</b> (1.1)	6.0 (0.9)	2.2 (0.6)	<b>0.8</b> (0.3)	<b>21.6</b> (1.4)	28.6 (1.7)	32.7 (1.5)	<b>35.4</b> (1.9)
	Chile	38.8 (2.0)	32.6 (1.4)	30.0 (1.5)	<b>14.2</b> (1.2)	<b>41.0</b> (1.8)	38.4 (1.6)	37.8 (1.5)	<b>22.3</b> (1.5)	<b>47.1</b> (1.9)	59.0 (1.7)	60.0 (1.7)	<b>64.6</b> (1.3)
	Germany	<b>14.3</b> (1.2)	9.8 (1.3)	5.7 (1.0)	<b>3.6</b> (0.8)	<b>12.4</b> (1.3)	5.4 (0.9)	3.8 (0.7)	<b>2.5</b> (0.6)	<b>45.6</b> (1.7)	49.0 (2.2)	49.6 (2.0)	<b>54.4</b> (2.4)
	Hungary	21.2 (1.5)	14.1 (1.4)	8.5 (1.2)	<b>3.8</b> (0.6)	<b>15.8</b> (1.3)	8.3 (1.2)	5.6 (1.1)	<b>2.5</b> (0.5)	15.7 (1.3)	18.2 (1.8)	19.6 (1.3)	19.6 (1.5)
	Italy	<b>14.2</b> (0.6)	11.2 (0.6)	9.5 (0.5)	<b>5.7</b> (0.4)	a a	a a	a a	a a	<b>31.4</b> (0.9)	33.0 (0.9)	34.4 (0.8)	<b>35.0</b> (0.8)
	Korea	<b>20.5</b> (1.1)	15.8 (1.1)	12.7 (0.9)	<b>9.2</b> (1.1)	<b>26.9</b> (1.4)	22.3 (1.3)	15.4 (1.3)	<b>9.7</b> (0.9)	<b>44.2</b> (1.5)	51.3 (1.4)	53.3 (1.4)	<b>54.7</b> (1.8)
	Mexico	<b>31.3</b> (0.9)	31.6 (0.9)	29.9 (0.8)	<b>23.0</b> (0.8)	<b>34.8</b> (1.0)	37.1 (0.8)	36.2 (0.8)	<b>29.5</b> (0.9)	<b>41.2</b> (0.9)	47.0 (0.9)	51.4 (1.1)	<b>57.4</b> (0.8)
	Portugal	<b>32.2</b> (1.7)	33.3 (1.8)	26.2 (2.0)	<b>16.1</b> (1.5)	<b>31.1</b> (1.7)	32.6 (1.6)	24.7 (1.6)	<b>9.9</b> (1.5)	<b>40.6</b> (2.0)	50.1 (1.5)	51.8 (2.4)	<b>56.5</b> (2.1)
Partners	Croatia	22.7 (1.3)	15.2 (1.1)	14.0 (1.1)	<b>7.3</b> (0.8)	<b>18.6</b> (1.1)	12.7 (1.1)	12.0 (1.4)	5.7 (0.7)	<b>31.0</b> (1.2)	31.0 (1.3)	31.9 (1.6)	<b>39.1</b> (1.6)
	Hong Kong-China	13.5 (1.0)	10.2 (1.1)	7.0 (1.1)	<b>2.9</b> (0.7)	<b>14.7</b> (1.1)	11.3 (1.1)	8.2 (1.1)	<b>3.3</b> (0.8)	<b>31.6</b> (1.4)	35.9 (1.8)	42.8 (1.6)	<b>45.2</b> (2.1)
	Macao-China	<b>18.0</b> (1.1)	12.7 (1.0)	11.3 (1.0)	<b>6.9</b> (0.7)	<b>25.5</b> (1.3)	20.9 (1.2)	15.7 (1.0)	<b>10.7</b> (0.8)	<b>30.9</b> (1.2)	31.2 (1.3)	36.5 (1.5)	<b>41.2</b> (1.2)

		Percentage of parents reporting the following reasons are "very important" in choosing a school for their child:											
		The academic achievements of students in the school are high				There is a safe school environment							
		Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter	Bottom ESCS quarter	Second ESCS quarter	Third ESCS quarter	Top ESCS quarter
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Belgium (Flemish community)	12.2 (1.1)	13.2 (1.2)	15.1 (1.3)	<b>20.9</b> (1.7)	37.7 (2.0)	38.3 (2.0)	33.6 (1.6)	36.1 (1.6)	33.6 (1.6)	33.6 (1.6)	36.1 (1.6)	36.1 (1.7)
	Chile	41.2 (2.0)	47.7 (2.1)	52.3 (2.2)	<b>48.8</b> (1.6)	<b>55.9</b> (1.7)	63.8 (1.7)	68.1 (1.7)	68.1 (1.7)	68.1 (1.7)	68.1 (1.7)	68.1 (1.7)	<b>73.2</b> (1.0)
	Germany	31.4 (1.8)	29.4 (2.1)	26.8 (2.0)	<b>21.3</b> (1.8)	<b>56.5</b> (1.9)	56.4 (1.8)	53.0 (2.2)	<b>48.6</b> (2.4)	53.0 (2.2)	53.0 (2.2)	53.0 (2.2)	<b>48.6</b> (2.4)
	Hungary	16.0 (1.3)	20.5 (1.4)	21.8 (2.1)	<b>33.6</b> (2.0)	48.5 (2.0)	47.1 (1.6)	47.5 (2.1)	47.3 (1.8)	47.5 (2.1)	47.5 (2.1)	47.5 (2.1)	47.3 (1.8)
	Italy	<b>21.0</b> (0.7)	22.7 (0.7)	23.7 (0.7)	<b>24.4</b> (0.7)	52.7 (0.8)	55.2 (0.8)	56.1 (0.9)	53.3 (0.9)	55.2 (0.8)	55.2 (0.8)	55.2 (0.8)	53.3 (0.9)
	Korea	38.9 (1.7)	46.2 (1.7)	55.9 (2.0)	<b>60.4</b> (1.8)	<b>58.1</b> (1.4)	64.3 (1.5)	70.2 (1.5)	<b>72.3</b> (1.5)	64.3 (1.5)	64.3 (1.5)	64.3 (1.5)	<b>72.3</b> (1.5)
	Mexico	<b>35.3</b> (0.7)	42.7 (0.8)	47.8 (1.1)	<b>54.0</b> (1.0)	<b>48.3</b> (1.0)	55.3 (0.9)	60.0 (1.0)	<b>66.1</b> (0.9)	55.3 (0.9)	55.3 (0.9)	55.3 (0.9)	<b>66.1</b> (0.9)
	Portugal	<b>34.6</b> (2.2)	45.3 (1.8)	48.2 (2.1)	<b>53.2</b> (1.9)	<b>59.1</b> (2.1)	68.8 (1.8)	70.4 (2.3)	<b>77.4</b> (1.8)	68.8 (1.8)	68.8 (1.8)	68.8 (1.8)	<b>77.4</b> (1.8)
Partners	Croatia	29.1 (1.5)	28.3 (1.4)	29.7 (1.4)	<b>37.0</b> (1.9)	56.0 (1.5)	54.2 (1.4)	56.8 (1.6)	55.3 (1.5)	54.2 (1.4)	54.2 (1.4)	54.2 (1.4)	55.3 (1.5)
	Hong Kong-China	26.2 (1.6)	29.3 (1.4)	31.5 (1.6)	<b>31.3</b> (1.5)	<b>58.9</b> (1.6)	58.0 (1.8)	65.2 (1.8)	<b>68.6</b> (1.6)	58.0 (1.8)	58.0 (1.8)	58.0 (1.8)	<b>68.6</b> (1.6)
	Macao-China	<b>28.6</b> (1.3)	30.6 (1.4)	32.5 (1.3)	<b>32.6</b> (1.1)	<b>57.6</b> (1.2)	60.4 (1.5)	62.7 (1.5)	<b>64.3</b> (1.3)	60.4 (1.5)	60.4 (1.5)	60.4 (1.5)	<b>64.3</b> (1.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 ESCS refers to the PISA index of economic, social and cultural status of students.  
 Only countries and economies with data from the parent questionnaire are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957498>



[Part 1/2]  
**Index of school management: Teacher participation and mathematics performance**  
 Results based on school principals' reports

Table IV.4.12

	Index of school management: Teacher participation										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.51	(0.04)	-0.56	(0.05)	0.26	(0.04)	0.74	(0.04)	1.62	(0.07)	0.87	(0.03)
Austria	-0.32	(0.07)	-1.47	(0.09)	-0.61	(0.10)	0.01	(0.07)	0.80	(0.12)	0.91	(0.05)
Belgium	-0.39	(0.06)	-1.54	(0.08)	-0.78	(0.08)	-0.08	(0.07)	0.84	(0.09)	0.96	(0.04)
Canada	0.28	(0.04)	-0.83	(0.06)	0.05	(0.04)	0.56	(0.05)	1.35	(0.07)	0.87	(0.03)
Chile	0.39	(0.07)	-0.74	(0.11)	0.11	(0.08)	0.68	(0.08)	1.50	(0.11)	0.89	(0.05)
Czech Republic	-0.26	(0.08)	-1.46	(0.15)	-0.53	(0.07)	-0.01	(0.11)	0.95	(0.13)	0.99	(0.09)
Denmark	-0.01	(0.06)	-0.95	(0.11)	-0.22	(0.04)	0.23	(0.07)	0.93	(0.09)	0.77	(0.05)
Estonia	-0.08	(0.05)	-0.98	(0.05)	-0.40	(0.05)	0.11	(0.06)	0.95	(0.11)	0.78	(0.05)
Finland	0.03	(0.06)	-1.03	(0.11)	-0.21	(0.07)	0.32	(0.06)	1.03	(0.12)	0.85	(0.06)
France	-0.78	(0.07)	-1.84	(0.06)	-1.16	(0.07)	-0.60	(0.08)	0.50	(0.16)	0.96	(0.06)
Germany	0.03	(0.05)	-0.94	(0.09)	-0.14	(0.08)	0.32	(0.05)	0.87	(0.06)	0.72	(0.04)
Greece	0.07	(0.07)	-1.08	(0.09)	-0.31	(0.09)	0.36	(0.08)	1.31	(0.10)	0.96	(0.05)
Hungary	-0.48	(0.06)	-1.36	(0.09)	-0.77	(0.09)	-0.24	(0.05)	0.44	(0.09)	0.73	(0.05)
Iceland	-0.04	(0.00)	-0.86	(0.00)	-0.32	(0.01)	0.14	(0.00)	0.89	(0.00)	0.70	(0.00)
Ireland	0.09	(0.10)	-1.26	(0.15)	-0.29	(0.10)	0.43	(0.13)	1.49	(0.12)	1.10	(0.07)
Israel	-0.24	(0.07)	-1.53	(0.13)	-0.48	(0.09)	0.17	(0.09)	0.90	(0.08)	0.95	(0.06)
Italy	0.30	(0.04)	-0.92	(0.07)	-0.05	(0.05)	0.52	(0.05)	1.65	(0.06)	1.01	(0.03)
Japan	-0.42	(0.07)	-1.80	(0.18)	-0.50	(0.07)	-0.01	(0.06)	0.64	(0.08)	1.00	(0.07)
Korea	0.06	(0.09)	-1.27	(0.15)	-0.14	(0.13)	0.37	(0.08)	1.26	(0.11)	1.03	(0.07)
Luxembourg	-0.56	(0.00)	-1.65	(0.00)	-0.81	(0.00)	-0.29	(0.00)	0.50	(0.00)	0.92	(0.00)
Mexico	-0.11	(0.04)	-1.52	(0.04)	-0.52	(0.06)	0.28	(0.05)	1.32	(0.05)	1.12	(0.02)
Netherlands	-0.19	(0.07)	-1.20	(0.10)	-0.40	(0.08)	0.05	(0.06)	0.80	(0.13)	0.80	(0.06)
New Zealand	0.22	(0.07)	-0.89	(0.10)	0.02	(0.07)	0.47	(0.07)	1.30	(0.12)	0.90	(0.05)
Norway	-0.02	(0.06)	-1.02	(0.13)	-0.18	(0.04)	0.20	(0.07)	0.92	(0.11)	0.80	(0.06)
Poland	-0.34	(0.07)	-1.37	(0.06)	-0.65	(0.10)	-0.14	(0.06)	0.78	(0.13)	0.85	(0.05)
Portugal	0.39	(0.09)	-0.81	(0.13)	0.05	(0.08)	0.63	(0.12)	1.69	(0.16)	1.01	(0.08)
Slovak Republic	-0.14	(0.06)	-1.11	(0.08)	-0.38	(0.09)	0.09	(0.04)	0.82	(0.10)	0.77	(0.04)
Slovenia	0.12	(0.01)	-1.00	(0.04)	-0.11	(0.01)	0.38	(0.01)	1.21	(0.02)	0.89	(0.02)
Spain	0.00	(0.05)	-1.13	(0.05)	-0.33	(0.05)	0.26	(0.06)	1.21	(0.09)	0.94	(0.04)
Sweden	0.06	(0.06)	-0.87	(0.09)	-0.16	(0.05)	0.29	(0.07)	1.00	(0.09)	0.75	(0.04)
Switzerland	-0.60	(0.06)	-1.66	(0.08)	-0.85	(0.05)	-0.35	(0.07)	0.45	(0.08)	0.83	(0.03)
Turkey	0.92	(0.08)	-0.38	(0.13)	0.49	(0.10)	1.29	(0.15)	2.26	(0.02)	1.03	(0.05)
United Kingdom	0.39	(0.07)	-0.80	(0.10)	0.15	(0.09)	0.65	(0.07)	1.56	(0.11)	0.92	(0.05)
United States	0.54	(0.09)	-0.63	(0.15)	0.23	(0.09)	0.78	(0.11)	1.77	(0.11)	0.99	(0.08)
OECD average	-0.02	(0.01)	-1.13	(0.02)	-0.29	(0.01)	0.25	(0.01)	1.10	(0.02)	0.90	(0.01)
<b>Partners</b>												
Albania	0.26	(0.08)	-0.99	(0.14)	0.01	(0.07)	0.54	(0.11)	1.47	(0.11)	0.99	(0.08)
Argentina	0.17	(0.08)	-1.28	(0.13)	-0.12	(0.10)	0.50	(0.10)	1.60	(0.12)	1.12	(0.05)
Brazil	0.65	(0.06)	-0.82	(0.09)	0.38	(0.07)	1.05	(0.06)	2.00	(0.07)	1.12	(0.04)
Bulgaria	0.26	(0.06)	-0.69	(0.08)	0.04	(0.06)	0.40	(0.06)	1.31	(0.11)	0.81	(0.05)
Colombia	0.46	(0.08)	-0.98	(0.13)	0.22	(0.11)	0.83	(0.07)	1.75	(0.12)	1.10	(0.07)
Costa Rica	-0.06	(0.08)	-1.64	(0.13)	-0.27	(0.12)	0.28	(0.07)	1.39	(0.12)	1.20	(0.07)
Croatia	0.09	(0.07)	-1.02	(0.11)	-0.17	(0.07)	0.30	(0.05)	1.24	(0.15)	0.90	(0.05)
Cyprus*	0.63	(0.00)	-0.40	(0.00)	0.35	(0.00)	0.75	(0.00)	1.81	(0.00)	0.89	(0.00)
Hong Kong-China	-0.12	(0.07)	-1.11	(0.10)	-0.42	(0.09)	0.12	(0.06)	0.95	(0.12)	0.83	(0.05)
Indonesia	0.31	(0.08)	-0.94	(0.14)	0.12	(0.06)	0.46	(0.07)	1.58	(0.15)	1.02	(0.07)
Jordan	0.64	(0.09)	-0.87	(0.14)	0.27	(0.10)	1.02	(0.12)	2.14	(0.08)	1.17	(0.05)
Kazakhstan	0.41	(0.07)	-0.70	(0.08)	0.09	(0.10)	0.68	(0.06)	1.59	(0.12)	0.91	(0.05)
Latvia	0.11	(0.07)	-0.95	(0.07)	-0.21	(0.08)	0.40	(0.09)	1.21	(0.09)	0.86	(0.04)
Liechtenstein	-0.14	(0.01)	c	c	c	c	c	c	c	c	0.58	(0.03)
Lithuania	-0.18	(0.06)	-1.23	(0.08)	-0.53	(0.05)	0.06	(0.08)	0.97	(0.10)	0.87	(0.05)
Macao-China	-0.48	(0.00)	-1.28	(0.00)	-0.70	(0.00)	-0.41	(0.00)	0.46	(0.00)	0.75	(0.00)
Malaysia	0.62	(0.08)	-0.53	(0.09)	0.22	(0.08)	0.82	(0.11)	1.99	(0.12)	0.98	(0.05)
Montenegro	0.46	(0.00)	-1.01	(0.00)	0.07	(0.00)	0.82	(0.01)	1.95	(0.01)	1.14	(0.00)
Peru	-0.32	(0.09)	-1.69	(0.12)	-0.72	(0.11)	0.04	(0.10)	1.09	(0.12)	1.10	(0.05)
Qatar	0.22	(0.00)	-1.18	(0.00)	-0.14	(0.00)	0.48	(0.00)	1.72	(0.00)	1.12	(0.00)
Romania	-0.73	(0.09)	-2.94	(0.15)	-1.45	(0.13)	0.04	(0.11)	1.44	(0.13)	1.73	(0.07)
Russian Federation	-0.03	(0.05)	-1.04	(0.09)	-0.22	(0.06)	0.22	(0.06)	0.93	(0.07)	0.78	(0.03)
Serbia	-0.01	(0.07)	-1.00	(0.07)	-0.37	(0.09)	0.15	(0.07)	1.18	(0.16)	0.87	(0.06)
Shanghai-China	-0.79	(0.06)	-1.67	(0.05)	-1.12	(0.10)	-0.55	(0.08)	0.19	(0.09)	0.77	(0.04)
Singapore	0.19	(0.00)	-0.74	(0.00)	-0.13	(0.01)	0.32	(0.00)	1.31	(0.01)	0.82	(0.00)
Chinese Taipei	-0.06	(0.08)	-1.37	(0.14)	-0.36	(0.09)	0.26	(0.07)	1.24	(0.14)	1.04	(0.06)
Thailand	0.59	(0.08)	-0.74	(0.14)	0.28	(0.05)	0.88	(0.10)	1.93	(0.11)	1.04	(0.05)
Tunisia	-0.19	(0.10)	-1.65	(0.13)	-0.74	(0.10)	0.22	(0.16)	1.43	(0.12)	1.23	(0.06)
United Arab Emirates	0.34	(0.06)	-0.93	(0.09)	0.07	(0.05)	0.56	(0.07)	1.65	(0.09)	1.05	(0.03)
Uruguay	0.50	(0.08)	-1.01	(0.15)	0.27	(0.10)	0.90	(0.08)	1.82	(0.11)	1.11	(0.06)
Viet Nam	-0.27	(0.07)	-1.46	(0.15)	-0.42	(0.08)	0.08	(0.06)	0.70	(0.12)	0.91	(0.07)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

StatLink <http://dx.doi.org/10.1787/888932957498>

[Part 2/2]


**Index of school management: Teacher participation and mathematics performance**  
*Results based on school principals' reports*

Table IV.4.12

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
Australia	<b>513</b>	(4.0)	508	(4.6)	500	(3.8)	<b>496</b>	(4.2)	<b>-6.3</b>	(2.6)	<b>0.8</b>	(0.1)	0.3	(0.3)
Austria	511	(10.4)	509	(8.3)	503	(8.5)	498	(8.8)	-5.0	(6.1)	1.0	(0.2)	0.2	(0.6)
Belgium	515	(8.3)	508	(7.3)	532	(8.9)	507	(7.6)	-3.2	(4.9)	1.1	(0.1)	0.1	(0.3)
Canada	522	(3.6)	517	(3.7)	521	(4.7)	513	(3.7)	<b>-4.7</b>	(2.2)	0.9	(0.1)	0.2	(0.2)
Chile	415	(6.9)	432	(7.9)	416	(7.2)	426	(7.0)	1.1	(4.0)	1.1	(0.1)	0.0	(0.2)
Czech Republic	504	(8.9)	490	(8.6)	503	(9.6)	496	(9.5)	2.0	(5.3)	0.9	(0.2)	0.0	(0.3)
Denmark	502	(5.3)	500	(4.0)	498	(5.6)	497	(6.0)	-2.7	(3.7)	1.0	(0.1)	0.1	(0.2)
Estonia	516	(4.3)	518	(4.8)	527	(5.4)	522	(5.0)	2.6	(2.7)	1.0	(0.1)	0.1	(0.1)
Finland	<b>526</b>	(3.6)	520	(3.2)	516	(3.9)	<b>512</b>	(4.5)	<b>-5.7</b>	(2.0)	<b>0.9</b>	(0.1)	0.3	(0.2)
France	481	(8.6)	502	(8.9)	520	(8.9)	480	(11.7)	-0.4	(6.7)	1.2	(0.2)	0.0	(0.4)
Germany	510	(10.9)	509	(8.2)	511	(11.8)	525	(8.8)	5.6	(7.1)	1.1	(0.2)	0.2	(0.5)
Greece	<b>463</b>	(5.8)	456	(6.3)	453	(6.8)	<b>440</b>	(7.9)	<b>-10.6</b>	(3.7)	0.8	(0.1)	1.3	(0.9)
Hungary	<b>488</b>	(9.5)	478	(12.8)	492	(11.3)	<b>453</b>	(7.2)	<b>-17.1</b>	(6.2)	0.8	(0.1)	1.8	(1.4)
Iceland	<b>486</b>	(3.7)	490	(3.5)	494	(3.3)	<b>504</b>	(3.4)	<b>8.7</b>	(2.1)	<b>1.2</b>	(0.1)	0.4	(0.2)
Ireland	508	(5.7)	504	(6.7)	492	(7.2)	500	(7.7)	-3.2	(3.8)	0.8	(0.1)	0.2	(0.5)
Israel	471	(12.4)	478	(10.6)	458	(12.5)	464	(11.1)	-5.0	(7.5)	1.0	(0.2)	0.2	(0.7)
Italy	487	(5.9)	488	(4.8)	492	(5.6)	481	(5.1)	-1.8	(2.7)	1.0	(0.1)	0.0	(0.2)
Japan	542	(9.9)	516	(9.3)	545	(9.5)	544	(7.1)	5.3	(4.3)	0.9	(0.1)	0.3	(0.5)
Korea	552	(9.3)	561	(9.1)	555	(10.1)	544	(8.8)	-3.0	(6.0)	1.0	(0.2)	0.1	(0.5)
Luxembourg	<b>482</b>	(2.5)	498	(3.5)	489	(2.8)	<b>497</b>	(2.4)	<b>9.0</b>	(1.1)	1.1	(0.1)	0.8	(0.2)
Mexico	<b>428</b>	(3.16)	414	(2.96)	407	(3.1)	<b>405</b>	(3.1)	<b>-7.4</b>	(1.3)	<b>0.6</b>	(0.1)	1.2	(0.5)
Netherlands	519	(12.3)	514	(9.9)	518	(10.6)	534	(15.1)	1.5	(8.5)	1.1	(0.3)	0.0	(0.5)
New Zealand	507	(11.3)	502	(7.2)	500	(7.1)	497	(7.5)	-7.7	(6.4)	1.0	(0.2)	0.5	(0.8)
Norway	488	(6.8)	494	(5.7)	494	(5.9)	486	(4.1)	-1.9	(3.5)	1.1	(0.1)	0.0	(0.1)
Poland	526	(5.7)	511	(6.9)	518	(10.5)	517	(7.3)	-1.3	(3.4)	0.9	(0.1)	0.0	(0.1)
Portugal	486	(7.6)	479	(8.3)	504	(7.3)	476	(10.0)	-1.7	(5.5)	1.0	(0.1)	0.0	(0.3)
Slovak Republic	487	(9.6)	481	(8.4)	486	(10.9)	472	(10.3)	-4.8	(8.3)	0.9	(0.1)	0.1	(0.5)
Slovenia	<b>515</b>	(3.2)	514	(4.0)	504	(3.9)	<b>485</b>	(3.0)	<b>-13.0</b>	(2.1)	<b>0.8</b>	(0.1)	1.6	(0.5)
Spain	<b>490</b>	(3.6)	485	(4.0)	490	(4.0)	<b>473</b>	(5.3)	<b>-6.5</b>	(2.4)	0.9	(0.1)	0.5	(0.4)
Sweden	478	(5.1)	474	(4.9)	475	(5.4)	488	(6.2)	1.6	(3.4)	1.1	(0.1)	0.0	(0.1)
Switzerland	531	(7.0)	549	(7.3)	533	(9.6)	517	(5.9)	-6.6	(4.1)	1.0	(0.1)	0.3	(0.4)
Turkey	439	(9.1)	455	(9.8)	462	(12.5)	438	(9.1)	-0.9	(5.3)	1.1	(0.1)	0.0	(0.4)
United Kingdom	<b>507</b>	(8.1)	498	(8.6)	485	(12.0)	<b>487</b>	(5.7)	<b>-11.0</b>	(3.3)	0.8	(0.1)	1.2	(0.7)
United States	483	(8.4)	475	(8.3)	481	(9.6)	492	(7.4)	3.7	(4.2)	0.9	(0.1)	0.2	(0.3)
OECD average	<b>496</b>	(1.3)	495	(1.2)	496	(1.4)	<b>490</b>	(1.3)	<b>-2.7</b>	(0.8)	1.0	(0.0)	0.4	(0.1)
<b>Partners</b>														
Albania	395	(4.6)	399	(5.3)	389	(4.9)	394	(4.8)	0.2	(2.4)	1.0	(0.1)	0.0	(0.1)
Argentina	394	(7.5)	397	(6.4)	388	(8.3)	383	(8.0)	-2.8	(3.5)	0.9	(0.1)	0.2	(0.5)
Brazil	396	(5.1)	386	(4.3)	390	(5.1)	394	(5.0)	1.0	(2.6)	1.0	(0.1)	0.0	(0.2)
Bulgaria	434	(9.9)	450	(9.9)	442	(8.2)	432	(10.4)	-1.7	(5.9)	1.0	(0.2)	0.0	(0.3)
Colombia	373	(6.8)	381	(8.1)	375	(7.4)	377	(6.5)	1.3	(3.0)	1.1	(0.1)	0.0	(0.2)
Costa Rica	413	(8.0)	401	(6.6)	409	(7.4)	406	(8.3)	-0.7	(3.3)	0.9	(0.2)	0.0	(0.2)
Croatia	474	(7.5)	479	(8.2)	470	(12.7)	463	(8.5)	-5.5	(4.9)	0.9	(0.1)	0.3	(0.6)
Cyprus*	<b>460</b>	(2.0)	450	(2.8)	421	(2.5)	<b>427</b>	(2.7)	<b>-17.6</b>	(1.2)	<b>0.7</b>	(0.0)	2.8	(0.4)
Hong Kong-China	558	(7.8)	563	(9.8)	569	(9.4)	555	(10.0)	6.0	(6.5)	1.1	(0.2)	0.3	(0.7)
Indonesia	374	(11.2)	367	(7.1)	364	(5.7)	398	(10.5)	<b>10.6</b>	(4.6)	1.2	(0.2)	2.3	(2.1)
Jordan	398	(6.5)	378	(6.3)	386	(10.9)	378	(7.6)	-4.0	(3.1)	<b>0.7</b>	(0.1)	0.4	(0.6)
Kazakhstan	430	(7.0)	425	(6.0)	435	(8.6)	438	(6.8)	2.2	(4.4)	1.0	(0.1)	0.1	(0.5)
Latvia	483	(6.7)	487	(5.1)	499	(6.7)	485	(5.9)	2.2	(4.1)	1.1	(0.2)	0.1	(0.3)
Liechtenstein	c	c	c	c	c	c	c	c	<b>-75.0</b>	(8.2)	<b>0.3</b>	(0.2)	22.4	(3.3)
Lithuania	481	(6.0)	485	(6.4)	469	(7.2)	481	(6.4)	0.3	(3.9)	0.9	(0.1)	0.0	(0.1)
Macao-China	<b>541</b>	(2.0)	542	(2.3)	563	(2.1)	<b>507</b>	(2.0)	<b>-7.8</b>	(1.3)	0.9	(0.1)	0.4	(0.1)
Malaysia	<b>436</b>	(7.4)	420	(7.6)	412	(5.4)	<b>412</b>	(6.9)	<b>-8.1</b>	(3.6)	<b>0.7</b>	(0.1)	1.0	(0.9)
Montenegro	<b>411</b>	(2.4)	419	(2.4)	417	(2.2)	<b>391</b>	(2.2)	<b>-2.6</b>	(1.0)	<b>0.8</b>	(0.1)	0.1	(0.1)
Peru	362	(6.4)	366	(6.3)	373	(7.9)	371	(9.6)	3.3	(3.9)	1.1	(0.1)	0.2	(0.4)
Qatar	<b>397</b>	(1.3)	355	(1.6)	377	(1.4)	<b>377</b>	(1.6)	<b>-7.7</b>	(0.6)	<b>0.6</b>	(0.0)	0.8	(0.1)
Romania	448	(8.5)	444	(8.1)	436	(8.3)	451	(9.4)	0.0	(2.7)	0.9	(0.1)	0.0	(0.3)
Russian Federation	477	(7.1)	476	(5.5)	492	(7.6)	485	(5.1)	4.3	(4.0)	1.1	(0.1)	0.2	(0.3)
Serbia	455	(9.0)	446	(11.0)	453	(8.6)	441	(9.5)	-4.1	(5.6)	0.9	(0.2)	0.2	(0.5)
Shanghai-China	598	(9.8)	617	(9.0)	611	(10.7)	625	(9.2)	8.4	(7.0)	1.3	(0.2)	0.4	(0.7)
Singapore	573	(2.6)	568	(3.0)	572	(2.8)	573	(2.5)	1.8	(1.4)	1.0	(0.1)	0.0	(0.0)
Chinese Taipei	567	(8.7)	556	(11.9)	548	(12.8)	561	(10.4)	-4.2	(4.4)	<b>0.8</b>	(0.1)	0.1	(0.3)
Thailand	<b>411</b>	(6.8)	424	(7.5)	432	(9.0)	<b>440</b>	(7.3)	<b>11.0</b>	(3.4)	<b>1.4</b>	(0.2)	1.9	(1.3)
Tunisia	<b>395</b>	(9.8)	395	(10.0)	388	(8.4)	<b>370</b>	(6.4)	<b>-3.8</b>	(3.5)	0.9	(0.2)	0.4	(0.7)
United Arab Emirates	<b>447</b>	(5.9)	446	(6.4)	422	(5.6)	<b>422</b>	(4.2)	<b>-10.4</b>	(2.2)	<b>0.8</b>	(0.1)	1.5	(0.7)
Uruguay	<b>437</b>	(9.0)	418	(9.3)	391	(7.2)	<b>392</b>	(8.6)	<b>-17.5</b>	(3.7)	<b>0.6</b>	(0.1)	4.8	(2.0)
Viet Nam	511	(9.3)	516	(10.2)	516	(9.5)	502	(9.0)	-0.3	(6.1)	1.0	(0.2)	0.0	(0.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Correlation between indices of school management  
Results based on school principals' reports

Table IV.4.16

		Correlation between:											
		Index of school management: Framing and communicating the school's goals and curricular development and...					Index of school management: Instructional leadership and...					Index of school management: Promoting instructional improvements and professional development and...	
		Index of school management: Instructional leadership		Index of school management: Promoting instructional improvements and professional development		Index of school management: Teacher participation		Index of school management: Promoting instructional improvements and professional development		Index of school management: Teacher participation		Index of school management: Teacher participation	
		Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.
OECD	Australia	<b>0.68</b>	(0.02)	<b>0.49</b>	(0.03)	<b>0.64</b>	(0.03)	<b>0.57</b>	(0.02)	<b>0.64</b>	(0.02)	<b>0.55</b>	(0.02)
	Austria	<b>0.67</b>	(0.05)	<b>0.42</b>	(0.07)	<b>0.64</b>	(0.05)	<b>0.58</b>	(0.07)	<b>0.69</b>	(0.05)	<b>0.53</b>	(0.05)
	Belgium	<b>0.68</b>	(0.04)	<b>0.52</b>	(0.04)	<b>0.51</b>	(0.05)	<b>0.59</b>	(0.05)	<b>0.62</b>	(0.03)	<b>0.51</b>	(0.05)
	Canada	<b>0.58</b>	(0.03)	<b>0.35</b>	(0.04)	<b>0.54</b>	(0.04)	<b>0.54</b>	(0.04)	<b>0.63</b>	(0.03)	<b>0.45</b>	(0.04)
	Chile	<b>0.69</b>	(0.05)	<b>0.59</b>	(0.05)	<b>0.61</b>	(0.05)	<b>0.67</b>	(0.04)	<b>0.67</b>	(0.04)	<b>0.68</b>	(0.03)
	Czech Republic	<b>0.68</b>	(0.04)	<b>0.50</b>	(0.06)	<b>0.60</b>	(0.05)	<b>0.51</b>	(0.06)	<b>0.49</b>	(0.06)	<b>0.38</b>	(0.07)
	Denmark	<b>0.63</b>	(0.06)	<b>0.36</b>	(0.05)	<b>0.42</b>	(0.07)	<b>0.46</b>	(0.05)	<b>0.46</b>	(0.06)	0.21	(0.11)
	Estonia	<b>0.66</b>	(0.03)	<b>0.43</b>	(0.07)	<b>0.44</b>	(0.04)	<b>0.61</b>	(0.04)	<b>0.53</b>	(0.04)	<b>0.38</b>	(0.05)
	Finland	<b>0.66</b>	(0.04)	<b>0.58</b>	(0.05)	<b>0.55</b>	(0.05)	<b>0.60</b>	(0.04)	<b>0.58</b>	(0.05)	<b>0.50</b>	(0.06)
	France	<b>0.59</b>	(0.06)	<b>0.54</b>	(0.05)	<b>0.62</b>	(0.05)	<b>0.50</b>	(0.05)	<b>0.58</b>	(0.05)	<b>0.50</b>	(0.06)
	Germany	<b>0.70</b>	(0.03)	<b>0.41</b>	(0.06)	<b>0.52</b>	(0.05)	<b>0.53</b>	(0.05)	<b>0.53</b>	(0.05)	<b>0.43</b>	(0.06)
	Greece	<b>0.73</b>	(0.04)	<b>0.56</b>	(0.06)	<b>0.66</b>	(0.05)	<b>0.59</b>	(0.05)	<b>0.70</b>	(0.04)	<b>0.57</b>	(0.05)
	Hungary	<b>0.67</b>	(0.05)	<b>0.36</b>	(0.07)	<b>0.59</b>	(0.05)	<b>0.51</b>	(0.06)	<b>0.56</b>	(0.05)	<b>0.45</b>	(0.05)
	Iceland	<b>0.70</b>	(0.00)	<b>0.54</b>	(0.00)	<b>0.65</b>	(0.00)	<b>0.54</b>	(0.00)	<b>0.66</b>	(0.00)	<b>0.48</b>	(0.00)
	Ireland	<b>0.70</b>	(0.06)	<b>0.54</b>	(0.06)	<b>0.56</b>	(0.06)	<b>0.60</b>	(0.05)	<b>0.62</b>	(0.05)	<b>0.58</b>	(0.06)
	Israel	<b>0.61</b>	(0.04)	<b>0.35</b>	(0.07)	<b>0.45</b>	(0.07)	<b>0.52</b>	(0.05)	<b>0.53</b>	(0.05)	<b>0.43</b>	(0.06)
	Italy	<b>0.71</b>	(0.02)	<b>0.49</b>	(0.03)	<b>0.58</b>	(0.03)	<b>0.66</b>	(0.03)	<b>0.70</b>	(0.03)	<b>0.53</b>	(0.04)
	Japan	<b>0.72</b>	(0.04)	<b>0.39</b>	(0.07)	<b>0.52</b>	(0.07)	<b>0.53</b>	(0.05)	<b>0.47</b>	(0.07)	<b>0.50</b>	(0.06)
	Korea	<b>0.80</b>	(0.03)	<b>0.68</b>	(0.04)	<b>0.66</b>	(0.06)	<b>0.78</b>	(0.03)	<b>0.62</b>	(0.09)	<b>0.68</b>	(0.06)
	Luxembourg	<b>0.62</b>	(0.00)	<b>0.52</b>	(0.00)	<b>0.28</b>	(0.00)	<b>0.25</b>	(0.00)	<b>0.37</b>	(0.00)	<b>0.12</b>	(0.00)
	Mexico	<b>0.75</b>	(0.01)	<b>0.56</b>	(0.02)	<b>0.62</b>	(0.03)	<b>0.62</b>	(0.02)	<b>0.60</b>	(0.03)	<b>0.58</b>	(0.03)
	Netherlands	<b>0.71</b>	(0.05)	<b>0.40</b>	(0.08)	<b>0.57</b>	(0.07)	<b>0.50</b>	(0.05)	<b>0.68</b>	(0.04)	<b>0.43</b>	(0.07)
	New Zealand	<b>0.75</b>	(0.03)	<b>0.52</b>	(0.06)	<b>0.64</b>	(0.04)	<b>0.59</b>	(0.05)	<b>0.69</b>	(0.04)	<b>0.53</b>	(0.06)
	Norway	<b>0.62</b>	(0.05)	<b>0.56</b>	(0.04)	<b>0.58</b>	(0.06)	<b>0.65</b>	(0.04)	<b>0.56</b>	(0.06)	<b>0.48</b>	(0.05)
	Poland	<b>0.54</b>	(0.07)	<b>0.31</b>	(0.08)	<b>0.58</b>	(0.06)	<b>0.49</b>	(0.06)	<b>0.55</b>	(0.06)	<b>0.40</b>	(0.08)
	Portugal	<b>0.59</b>	(0.09)	<b>0.54</b>	(0.09)	<b>0.63</b>	(0.07)	<b>0.67</b>	(0.05)	<b>0.62</b>	(0.05)	<b>0.63</b>	(0.05)
	Slovak Republic	<b>0.67</b>	(0.04)	<b>0.42</b>	(0.05)	<b>0.59</b>	(0.06)	<b>0.56</b>	(0.04)	<b>0.61</b>	(0.06)	<b>0.44</b>	(0.07)
	Slovenia	<b>0.63</b>	(0.01)	<b>0.45</b>	(0.01)	<b>0.65</b>	(0.01)	<b>0.59</b>	(0.01)	<b>0.70</b>	(0.02)	<b>0.59</b>	(0.01)
	Spain	<b>0.64</b>	(0.04)	<b>0.38</b>	(0.06)	<b>0.60</b>	(0.04)	<b>0.53</b>	(0.05)	<b>0.65</b>	(0.03)	<b>0.52</b>	(0.04)
	Sweden	<b>0.66</b>	(0.05)	<b>0.48</b>	(0.06)	<b>0.56</b>	(0.05)	<b>0.50</b>	(0.06)	<b>0.58</b>	(0.05)	<b>0.43</b>	(0.05)
	Switzerland	<b>0.53</b>	(0.05)	<b>0.50</b>	(0.05)	<b>0.27</b>	(0.07)	<b>0.49</b>	(0.06)	<b>0.48</b>	(0.04)	<b>0.28</b>	(0.07)
	Turkey	<b>0.74</b>	(0.03)	<b>0.59</b>	(0.05)	<b>0.71</b>	(0.04)	<b>0.65</b>	(0.05)	<b>0.69</b>	(0.05)	<b>0.63</b>	(0.07)
	United Kingdom	<b>0.74</b>	(0.03)	<b>0.55</b>	(0.07)	<b>0.65</b>	(0.05)	<b>0.56</b>	(0.07)	<b>0.66</b>	(0.04)	<b>0.55</b>	(0.06)
	United States	<b>0.75</b>	(0.06)	<b>0.53</b>	(0.10)	<b>0.71</b>	(0.07)	<b>0.64</b>	(0.10)	<b>0.69</b>	(0.06)	<b>0.60</b>	(0.08)
OECD average	<b>0.67</b>	(0.01)	<b>0.48</b>	(0.01)	<b>0.57</b>	(0.01)	<b>0.56</b>	(0.01)	<b>0.60</b>	(0.01)	<b>0.49</b>	(0.01)	
Partners	Albania	<b>0.54</b>	(0.06)	<b>0.38</b>	(0.07)	<b>0.52</b>	(0.09)	<b>0.44</b>	(0.08)	<b>0.46</b>	(0.14)	<b>0.56</b>	(0.06)
	Argentina	<b>0.68</b>	(0.04)	<b>0.47</b>	(0.08)	<b>0.57</b>	(0.05)	<b>0.58</b>	(0.05)	<b>0.55</b>	(0.05)	<b>0.40</b>	(0.07)
	Brazil	<b>0.68</b>	(0.03)	<b>0.47</b>	(0.04)	<b>0.61</b>	(0.03)	<b>0.53</b>	(0.04)	<b>0.63</b>	(0.03)	<b>0.48</b>	(0.04)
	Bulgaria	<b>0.57</b>	(0.06)	<b>0.28</b>	(0.07)	<b>0.45</b>	(0.06)	<b>0.27</b>	(0.08)	<b>0.50</b>	(0.07)	<b>0.25</b>	(0.09)
	Colombia	<b>0.76</b>	(0.04)	<b>0.53</b>	(0.06)	<b>0.62</b>	(0.07)	<b>0.65</b>	(0.05)	<b>0.67</b>	(0.04)	<b>0.59</b>	(0.07)
	Costa Rica	<b>0.82</b>	(0.02)	<b>0.68</b>	(0.03)	<b>0.72</b>	(0.04)	<b>0.70</b>	(0.03)	<b>0.74</b>	(0.03)	<b>0.73</b>	(0.03)
	Croatia	<b>0.61</b>	(0.07)	<b>0.51</b>	(0.06)	<b>0.52</b>	(0.07)	<b>0.55</b>	(0.07)	<b>0.66</b>	(0.05)	<b>0.56</b>	(0.08)
	Cyprus*	<b>0.72</b>	(0.00)	<b>0.57</b>	(0.00)	<b>0.50</b>	(0.00)	<b>0.47</b>	(0.00)	<b>0.59</b>	(0.00)	<b>0.48</b>	(0.00)
	Hong Kong-China	<b>0.64</b>	(0.06)	<b>0.58</b>	(0.06)	<b>0.61</b>	(0.05)	<b>0.66</b>	(0.08)	<b>0.66</b>	(0.06)	<b>0.68</b>	(0.05)
	Indonesia	<b>0.77</b>	(0.04)	<b>0.65</b>	(0.05)	<b>0.71</b>	(0.04)	<b>0.71</b>	(0.04)	<b>0.72</b>	(0.04)	<b>0.73</b>	(0.04)
	Jordan	<b>0.71</b>	(0.04)	<b>0.49</b>	(0.07)	<b>0.60</b>	(0.05)	<b>0.63</b>	(0.06)	<b>0.67</b>	(0.05)	<b>0.66</b>	(0.06)
	Kazakhstan	<b>0.61</b>	(0.04)	<b>0.28</b>	(0.07)	<b>0.54</b>	(0.05)	<b>0.35</b>	(0.06)	<b>0.60</b>	(0.05)	<b>0.47</b>	(0.06)
	Latvia	<b>0.62</b>	(0.05)	<b>0.32</b>	(0.06)	<b>0.65</b>	(0.04)	<b>0.52</b>	(0.06)	<b>0.67</b>	(0.03)	<b>0.46</b>	(0.05)
	Liechtenstein	<b>0.60</b>	(0.02)	<b>0.70</b>	(0.02)	<b>0.28</b>	(0.02)	<b>0.79</b>	(0.01)	<b>0.81</b>	(0.02)	<b>0.53</b>	(0.02)
	Lithuania	<b>0.55</b>	(0.05)	<b>0.35</b>	(0.07)	<b>0.46</b>	(0.06)	<b>0.53</b>	(0.04)	<b>0.58</b>	(0.05)	<b>0.42</b>	(0.06)
	Macao-China	<b>0.63</b>	(0.00)	<b>0.50</b>	(0.00)	<b>0.56</b>	(0.00)	<b>0.47</b>	(0.00)	<b>0.57</b>	(0.00)	<b>0.40</b>	(0.00)
	Malaysia	<b>0.73</b>	(0.04)	<b>0.72</b>	(0.04)	<b>0.72</b>	(0.04)	<b>0.73</b>	(0.05)	<b>0.69</b>	(0.04)	<b>0.70</b>	(0.04)
	Montenegro	<b>0.69</b>	(0.00)	<b>0.42</b>	(0.00)	<b>0.75</b>	(0.00)	<b>0.65</b>	(0.00)	<b>0.81</b>	(0.00)	<b>0.71</b>	(0.00)
	Peru	<b>0.78</b>	(0.03)	<b>0.59</b>	(0.05)	<b>0.70</b>	(0.03)	<b>0.68</b>	(0.04)	<b>0.73</b>	(0.03)	<b>0.72</b>	(0.04)
	Qatar	<b>0.75</b>	(0.00)	<b>0.52</b>	(0.00)	<b>0.47</b>	(0.00)	<b>0.62</b>	(0.00)	<b>0.66</b>	(0.00)	<b>0.67</b>	(0.00)
	Romania	<b>0.88</b>	(0.01)	<b>0.81</b>	(0.02)	<b>0.87</b>	(0.02)	<b>0.83</b>	(0.02)	<b>0.87</b>	(0.02)	<b>0.83</b>	(0.02)
	Russian Federation	<b>0.59</b>	(0.05)	<b>0.45</b>	(0.06)	<b>0.52</b>	(0.05)	<b>0.58</b>	(0.05)	<b>0.56</b>	(0.06)	<b>0.48</b>	(0.05)
	Serbia	<b>0.70</b>	(0.05)	<b>0.53</b>	(0.08)	<b>0.68</b>	(0.04)	<b>0.58</b>	(0.06)	<b>0.71</b>	(0.04)	<b>0.62</b>	(0.06)
	Shanghai-China	<b>0.52</b>	(0.05)	<b>0.51</b>	(0.05)	<b>0.56</b>	(0.06)	<b>0.70</b>	(0.05)	<b>0.57</b>	(0.03)	<b>0.51</b>	(0.05)
	Singapore	<b>0.69</b>	(0.01)	<b>0.54</b>	(0.01)	<b>0.55</b>	(0.02)	<b>0.67</b>	(0.00)	<b>0.63</b>	(0.00)	<b>0.52</b>	(0.01)
	Chinese Taipei	<b>0.75</b>	(0.05)	<b>0.50</b>	(0.09)	<b>0.59</b>	(0.07)	<b>0.76</b>	(0.04)	<b>0.75</b>	(0.04)	<b>0.73</b>	(0.05)
	Thailand	<b>0.83</b>	(0.03)	<b>0.64</b>	(0.06)	<b>0.77</b>	(0.04)	<b>0.72</b>	(0.05)	<b>0.80</b>	(0.03)	<b>0.74</b>	(0.04)
	Tunisia	<b>0.62</b>	(0.06)	<b>0.32</b>	(0.08)	<b>0.56</b>	(0.06)	<b>0.47</b>	(0.07)	<b>0.58</b>	(0.06)	<b>0.44</b>	(0.08)
	United Arab Emirates	<b>0.78</b>	(0.02)	<b>0.48</b>	(0.05)	<b>0.55</b>	(0.03)	<b>0.54</b>	(0.05)	<b>0.61</b>	(0.03)	<b>0.39</b>	(0.05)
	Uruguay	<b>0.51</b>	(0.07)	<b>0.34</b>	(0.07)	<b>0.53</b>	(0.07)	<b>0.47</b>	(0.06)	<b>0.53</b>	(0.06)	<b>0.44</b>	(0.07)
Viet Nam	<b>0.66</b>	(0.05)	<b>0.52</b>	(0.06)	<b>0.56</b>	(0.08)	<b>0.58</b>	(0.06)	<b>0.63</b>	(0.06)	<b>0.44</b>	(0.07)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Parental involvement

Table IV.4.17 Results based on school principals' reports

		School principals' report on the percentage of students' parents who participated in the following school-related activities during the previous academic year:																							
		Discussed their child's behaviour with a teacher on their own initiative		Discussed their child's behaviour on the initiative of one of their child's teachers		Discussed their child's progress with a teacher on their own initiative		Discussed their child's progress on the initiative of one of their child's teachers		Volunteered in physical activities, e.g. building maintenance, carpentry, gardening or yard work		Volunteered in extracurricular activities, e.g. book club, school play, sports, field trip		Volunteered in the school library or media centre		Assisted a teacher in the school		Appeared as a guest speaker		Participated in local school government, e.g. parent council or school-management committee		Assisted in fundraising for the school		Volunteered in the school canteen	
		Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.
OECD	Australia	18.8 (0.8)	29.7 (0.9)	25.6 (1.0)	40.7 (1.1)	4.8 (0.4)	6.9 (0.4)	1.6 (0.2)	5.0 (0.4)	1.9 (0.2)	4.8 (0.4)	13.5 (0.9)	4.1 (0.3)												
	Austria	17.2 (1.9)	22.1 (1.8)	26.4 (1.8)	28.9 (1.8)	1.8 (0.5)	4.9 (1.0)	0.9 (0.5)	4.2 (0.7)	1.4 (0.2)	6.0 (0.9)	7.7 (1.6)	0.7 (0.4)												
	Belgium	20.4 (1.4)	28.1 (2.0)	23.9 (1.5)	34.9 (2.1)	1.1 (0.4)	2.3 (0.6)	0.2 (0.1)	1.4 (0.5)	0.6 (0.2)	3.3 (0.4)	1.5 (0.3)	0.1 (0.0)												
	Canada	24.3 (1.1)	35.7 (1.4)	31.6 (1.0)	41.5 (1.3)	3.2 (0.3)	8.9 (0.7)	0.8 (0.1)	4.0 (0.4)	1.9 (0.2)	5.3 (0.5)	9.0 (0.6)	1.2 (0.6)												
	Chile	29.3 (2.2)	58.0 (2.3)	28.5 (2.3)	58.6 (2.4)	9.1 (1.9)	14.1 (1.9)	4.9 (1.4)	15.3 (1.8)	6.3 (1.3)	33.8 (2.7)	29.5 (2.5)	1.9 (0.8)												
	Czech Republic	17.8 (1.7)	30.5 (2.2)	23.9 (1.9)	40.2 (2.1)	0.9 (0.3)	1.7 (0.2)	0.1 (0.1)	0.3 (0.1)	0.4 (0.1)	4.9 (0.8)	4.7 (1.0)	a a												
	Denmark	17.1 (1.7)	40.9 (2.8)	19.8 (2.0)	73.6 (2.7)	5.2 (1.0)	17.3 (2.1)	0.4 (0.2)	5.7 (0.9)	1.8 (0.4)	7.8 (0.9)	2.0 (0.7)	0.5 (0.4)												
	Estonia	17.4 (1.3)	27.3 (1.9)	21.9 (1.4)	39.6 (2.1)	5.5 (0.6)	16.0 (1.2)	1.0 (0.4)	9.6 (0.9)	6.4 (0.8)	9.2 (0.6)	3.3 (0.9)	0.3 (0.2)												
	Finland	25.6 (2.0)	44.9 (2.2)	28.0 (1.8)	54.6 (2.2)	1.2 (0.3)	4.3 (0.3)	0.0 (0.0)	0.3 (0.1)	1.1 (0.2)	4.4 (0.4)	9.8 (1.1)	0.8 (0.2)												
	France	25.5 (1.7)	40.3 (2.3)	24.6 (1.8)	40.6 (2.4)	0.8 (0.5)	3.0 (0.7)	1.2 (0.6)	0.7 (0.2)	2.2 (0.8)	8.5 (1.1)	3.4 (0.8)	0.1 (0.1)												
	Germany	21.6 (1.7)	30.1 (2.1)	27.1 (1.6)	34.7 (1.8)	3.7 (0.4)	6.7 (0.8)	1.4 (0.2)	5.6 (0.7)	1.5 (0.3)	5.5 (0.5)	4.0 (0.6)	0.5 (0.1)												
	Greece	32.7 (2.2)	33.1 (2.1)	51.0 (2.3)	38.6 (2.2)	4.8 (1.0)	6.8 (1.4)	1.5 (0.4)	a a	2.9 (0.8)	20.4 (2.0)	14.2 (1.9)	0.7 (0.4)												
	Hungary	17.0 (1.8)	19.8 (1.5)	22.0 (1.9)	23.5 (1.5)	6.6 (1.2)	12.1 (1.8)	0.8 (0.2)	9.1 (1.3)	1.4 (0.3)	5.4 (1.0)	11.5 (1.6)	0.1 (0.1)												
	Iceland	15.9 (0.1)	40.8 (0.2)	18.6 (0.1)	56.9 (0.2)	1.7 (0.0)	8.1 (0.1)	0.0 (0.0)	2.0 (0.0)	1.8 (0.0)	3.6 (0.0)	12.7 (0.1)	3.5 (0.1)												
	Ireland	11.4 (1.4)	23.6 (2.1)	15.2 (1.8)	28.5 (2.7)	1.5 (0.3)	4.4 (0.7)	0.7 (0.2)	2.0 (0.3)	1.9 (0.3)	6.4 (0.7)	13.0 (1.6)	0.5 (0.3)												
	Israel	24.4 (2.0)	40.9 (2.1)	27.9 (1.7)	49.2 (2.2)	4.7 (0.8)	7.5 (1.4)	1.4 (0.6)	5.4 (1.1)	5.8 (1.2)	11.0 (1.4)	3.4 (0.6)	0.2 (0.1)												
	Italy	43.2 (1.6)	46.1 (1.5)	47.7 (1.2)	46.8 (1.6)	1.0 (0.2)	9.0 (0.5)	2.2 (0.3)	a a	2.1 (0.3)	36.0 (1.5)	11.2 (1.2)	a a												
	Japan	10.1 (1.5)	63.2 (3.1)	10.9 (1.7)	69.7 (3.0)	7.2 (1.3)	6.7 (1.1)	0.4 (0.2)	1.3 (0.5)	0.4 (0.1)	8.7 (1.5)	4.4 (1.0)	a a												
	Korea	25.5 (2.0)	45.4 (2.6)	29.7 (2.0)	47.3 (2.7)	1.9 (0.8)	7.0 (1.2)	3.7 (0.9)	5.6 (0.8)	2.9 (0.9)	13.4 (1.8)	2.6 (0.8)	0.2 (0.2)												
	Luxembourg	26.3 (0.0)	43.5 (0.1)	32.5 (0.1)	47.8 (0.1)	0.5 (0.0)	4.2 (0.0)	0.9 (0.0)	0.8 (0.0)	2.1 (0.0)	5.5 (0.0)	6.1 (0.0)	0.1 (0.0)												
	Mexico	27.9 (1.2)	45.4 (1.1)	29.3 (1.1)	47.8 (1.1)	17.9 (1.2)	17.5 (1.2)	6.5 (0.7)	12.9 (1.2)	6.3 (0.7)	34.0 (1.5)	25.2 (1.5)	5.1 (0.6)												
	Netherlands	16.8 (1.7)	31.0 (2.5)	27.1 (2.4)	42.6 (2.9)	0.9 (0.2)	3.5 (0.7)	1.7 (1.0)	0.9 (0.2)	1.1 (0.2)	3.4 (0.3)	0.3 (0.1)	0.7 (0.6)												
	New Zealand	17.9 (1.8)	25.8 (2.0)	23.2 (1.8)	41.9 (2.2)	3.6 (0.5)	9.7 (0.7)	0.6 (0.1)	5.3 (0.6)	1.4 (0.2)	2.8 (0.4)	14.3 (1.6)	0.5 (0.2)												
	Norway	13.0 (1.4)	51.7 (2.8)	17.3 (1.5)	86.6 (1.8)	5.9 (1.2)	12.1 (1.3)	0.0 (0.0)	0.6 (0.1)	0.6 (0.2)	7.2 (0.4)	9.9 (1.7)	0.1 (0.0)												
	Poland	27.7 (2.2)	52.8 (2.5)	31.8 (2.2)	58.6 (2.7)	5.3 (1.2)	19.8 (2.0)	3.7 (1.1)	11.7 (1.5)	2.7 (0.8)	17.5 (1.7)	15.9 (2.0)	a a												
	Portugal	35.3 (2.4)	46.6 (2.3)	37.8 (2.5)	52.9 (2.7)	0.7 (0.2)	3.8 (0.6)	0.5 (0.1)	1.0 (0.2)	2.3 (0.4)	6.7 (0.9)	4.0 (1.1)	0.2 (0.1)												
	Slovak Republic	25.9 (2.0)	32.1 (1.6)	18.7 (1.6)	23.2 (1.6)	3.7 (0.6)	10.0 (1.1)	1.0 (0.3)	1.4 (0.4)	1.3 (0.3)	17.4 (1.7)	13.3 (1.6)	0.1 (0.0)												
	Slovenia	30.3 (0.3)	35.6 (0.5)	38.4 (0.4)	34.3 (0.4)	2.3 (0.2)	4.1 (0.2)	2.2 (0.1)	4.1 (0.2)	2.5 (0.1)	15.1 (0.3)	26.3 (0.6)	0.5 (0.0)												
	Spain	34.6 (1.3)	51.9 (1.7)	40.5 (1.1)	61.6 (1.4)	1.9 (0.4)	6.1 (0.6)	1.3 (0.3)	5.0 (0.5)	2.3 (0.3)	14.1 (0.9)	9.0 (1.4)	0.2 (0.0)												
	Sweden	15.3 (1.8)	36.0 (2.4)	27.2 (2.1)	80.3 (2.4)	3.4 (1.1)	8.2 (1.1)	0.2 (0.1)	0.6 (0.1)	2.3 (0.7)	6.6 (0.8)	4.6 (1.1)	1.5 (0.8)												
	Switzerland	18.2 (1.5)	41.6 (2.3)	20.2 (1.7)	47.1 (2.4)	0.9 (0.2)	4.2 (0.5)	0.5 (0.2)	4.3 (0.8)	1.1 (0.1)	3.2 (0.5)	1.6 (0.6)	0.3 (0.1)												
	Turkey	32.3 (1.8)	41.3 (2.4)	30.1 (1.5)	35.8 (2.4)	10.2 (1.5)	12.6 (1.6)	8.1 (1.5)	11.6 (1.5)	6.6 (1.3)	22.1 (2.1)	11.1 (1.7)	1.6 (0.8)												
United Kingdom	15.0 (1.3)	28.9 (2.3)	18.8 (1.3)	52.6 (2.6)	1.3 (0.2)	4.2 (0.7)	0.5 (0.1)	2.4 (0.4)	1.5 (0.2)	2.3 (0.3)	10.3 (1.4)	0.1 (0.0)													
United States	23.8 (2.1)	33.3 (2.5)	31.6 (1.9)	41.0 (2.5)	7.5 (1.2)	13.6 (1.3)	2.7 (0.6)	5.9 (1.0)	3.4 (0.6)	10.6 (1.7)	23.2 (2.6)	0.7 (0.3)													
OECD average	22.8 (0.3)	38.2 (0.4)	27.3 (0.3)	47.1 (0.4)	3.9 (0.1)	8.3 (0.2)	1.6 (0.1)	4.6 (0.1)	2.4 (0.1)	10.8 (0.2)	9.9 (0.2)	0.9 (0.1)													
Partners	Albania	42.1 (2.4)	57.9 (2.7)	45.2 (2.5)	57.5 (2.6)	10.2 (1.4)	19.1 (2.1)	8.8 (1.6)	13.6 (2.0)	17.8 (2.2)	48.2 (2.7)	19.0 (2.3)	4.6 (1.4)												
	Argentina	22.4 (2.2)	42.9 (2.4)	20.2 (1.8)	44.2 (2.5)	8.8 (1.6)	11.2 (2.0)	6.1 (1.7)	9.9 (2.0)	4.7 (0.9)	17.8 (2.0)	17.5 (2.2)	6.0 (1.9)												
	Brazil	23.9 (1.2)	41.0 (1.5)	24.9 (1.5)	42.4 (1.6)	2.5 (0.4)	6.2 (0.7)	2.0 (0.5)	2.8 (0.7)	2.8 (0.5)	21.4 (1.7)	4.7 (0.9)	1.0 (0.5)												
	Bulgaria	30.1 (1.6)	47.6 (2.4)	30.1 (1.8)	44.3 (2.4)	8.5 (1.1)	9.6 (1.2)	1.9 (0.7)	24.0 (1.9)	3.1 (0.7)	12.9 (1.6)	9.5 (1.5)	0.0 (0.0)												
	Colombia	37.3 (2.6)	59.4 (2.3)	38.7 (2.5)	58.3 (2.3)	12.9 (1.6)	15.7 (1.9)	9.7 (1.3)	14.4 (1.4)	12.3 (2.1)	50.6 (2.6)	28.3 (2.6)	5.8 (1.4)												
	Costa Rica	26.0 (1.9)	39.5 (2.3)	30.7 (1.9)	40.2 (2.2)	6.8 (1.4)	10.1 (1.5)	3.3 (0.9)	8.2 (1.4)	5.4 (1.0)	21.1 (2.2)	22.5 (2.3)	2.9 (0.8)												
	Croatia	30.8 (2.6)	27.2 (2.3)	32.3 (2.6)	26.7 (2.6)	2.3 (0.9)	7.4 (1.7)	0.7 (0.2)	a a	1.5 (0.6)	18.1 (2.6)	11.0 (2.4)	a a												
	Cyprus*	32.0 (0.1)	31.9 (0.1)	40.2 (0.1)	36.6 (0.1)	3.3 (0.0)	7.7 (0.0)	1.5 (0.0)	4.1 (0.0)	2.9 (0.0)	12.7 (0.0)	20.5 (0.0)	a a												
	Hong Kong-China	38.2 (2.7)	65.6 (2.9)	39.3 (2.8)	66.5 (3.0)	1.8 (0.3)	6.7 (0.9)	2.3 (0.6)	2.9 (0.4)	1.4 (0.3)	8.9 (1.8)	12.3 (2.1)	0.5 (0.2)												
	Indonesia	31.2 (2.4)	48.6 (2.5)	32.2 (2.2)	43.4 (2.3)	21.3 (2.3)	20.6 (2.3)	12.1 (2.1)	18.1 (2.3)	10.9 (1.9)	53.4 (3.0)	22.9 (3.0)	5.7 (1.8)												
	Jordan	28.8 (1.9)	33.1 (2.1)	27.7 (2.0)	30.3 (2.1)	12.4 (1.7)	14.2 (1.8)	8.0 (1.3)	10.9 (1.6)	12.6 (1.8)	31.3 (2.3)	5.2 (1.2)	4.7 (1.2)												
	Kazakhstan	56.8 (2.8)	55.7 (2.5)	61.1 (2.8)	64.7 (2.5)	41.3 (2.7)	52.4 (2.7)	33.4 (3.0)	45.5 (3.1)	33.8 (2.7)	50.6 (3.0)	15.1 (2.4)	10.6 (2.1)												
	Latvia	25.6 (1.8)	35.1 (2.3)	32.8 (1.7)	42.0 (1.9)	8.8 (1.2)	22.1 (1.5)	1.1 (0.2)	1.8 (0.3)	1.8 (0.2)	11.4 (1.4)	9.0 (1.3)	1.1 (0.6)												
	Liechtenstein	11.4 (0.3)	42.1 (0.7)	10.8 (0.3)	56.8 (0.4)	0.8 (0.2)	1.8 (0.2)	0.0 c	4.5 (0.1)	0.5 (0.0)	3.0 (0.2)	0.4 (0.1)	3.2 (0.3)												
	Lithuania	31.6 (1.6)	37.9 (2.1)	36.2 (1.8)	44.2 (2.2)	7.3 (0.9)	13.7 (0.9)	1.8 (0.4)	11.0 (1.1)	3.9 (0.4)	9.5 (0.8)	16.0 (1.4)	0.3 (0.1)												
	Macao-China	31.4 (0.0)	80.2 (0.0)	34.2 (0.0)	75.5 (0.0)	1.2 (0.0)	8.4 (0.0)	1.4 (0.0)	4.4 (0.0)	2.9 (0.0)	13.2 (0.0)	24.6 (0.0)	0.1 (0.0)												
	Malaysia	16.8 (1.8)	24.5 (2.3)	16.0 (1.7)	30.6 (2.4)	7.0 (1.0)	7.1 (1.0)	3.3 (0.8)	7.9 (1.0)	3.8 (0.8)	18.7 (2.0)	31.9 (2.9)	3.3 (0.9)												
	Montenegro	49.2 (0.1)	42.8 (0.1)	38.8 (0.1)	38.1 (0.1)	2.8 (0.0)	7.1 (0.0)	1.7 (0.0)	3.4 (0.0)	0.9 (0.0)	22.2 (0.1)	2.4 (0.0)	a a												
	Peru	33.4 (2.1)	41.1 (2.3)	33.3 (2.1)	44.0 (2.4)	16.2 (1.8)	15.6 (1.8)	5.2 (1.2)	18.2 (2.0)	5.4 (1.1)	48.1 (2.6)	30.2 (2.7)	2.8 (0.8)												
	Qatar	39.8 (0.1)	46.5 (0.1)	42.7 (0.1)	51.7 (0.1)	9.9 (0.0)	21.7 (0.1)	16.6 (0.0)	17.9 (0.0)	19.7 (0.1)	27.8 (0.1)	15.8 (0.0)	4.1 (0.0)												
	Romania	39.2 (2.3)	46.2 (2.7)	40.1 (2.3)	49.2 (2.5)	15.9 (1.6)	22.0 (2.0)	13.1 (1.8)	12.3 (2.0)	10.7 (1.3)	35.4 (2.9)	31.2 (2.9)	1.8 (0.8)												
	Russian Federation	28.0 (1.8)	39.3 (1.9)	38.6 (1.9)	48.7 (2.4)	30.9 (2.3)	31.8 (1.9)	4.7 (0.9)	26.0 (1.7)	18.4 (1.6)	26.6 (1.5)	27.2 (2.0)	7.6 (1.4)												
	Serbia	39.3 (2.4)	50.3 (2.5)	36.1 (2.4)	44.7 (2.6)	2.1 (0.5)	3.9 (1.2)	0.2 (0.1)	0.6 (0.2)	1.8 (0.9)	23.1 (3.0)	19.9 (2.9)	0.1 (0.1)												
	Shanghai-China	49.1 (2.8)	58.5 (3.0)	45.9 (2.8)	55.1 (3.1)	8.2 (2.0)	13.5 (1.9)	5.5 (1.4)	12.1 (2.0)	7.5 (1.4)	12.1 (1.4)	13.4 (2.3)	2.6 (1.0)												
	Singapore	20.0 (0.1)	49.1 (0.4)	23.6 (0.1)	66.0 (0.4)	2.0 (0.0)	5.3 (0.3)	0.8 (0.0)	2.6 (0.0)	1.0 (0.0)	4.5 (0.0)	14.4 (0.1)	0.3 (0.0)												
	Chinese Taipei	39.1 (2.2)	41.5 (2.5)	33.9 (2.2)	38.3 (2.6)	6.2 (1.3)	9.8 (1.8)	4.2 (1.2)	4.8 (0.9)	2.7 (0.7)	12.9 (2.1)	9.3 (1.7)	1.4 (0.7)												
	Thailand	37.7 (2.9)	53.1 (2.9)	40.5 (2.6)	56.3 (2.9)	12.5 (1.4)	17.7 (1.5)	9.4 (1.3)	9.3 (1.3)	12.0 (1.2)	18.3 (1.5)	50.8 (2.9)	7.1 (1.0)												
	Tunisia	19.4 (2.4)	33.1 (3.0)	15.3 (2.1)	17.6 (2.3)	2.2 (0.8)	4.3 (1.2)	1.1 (0.4)	1.6 (0.8)	1.1 (0.6)	7.3 (1.8)	2.9 (0.8)	0.5 (0.3)												
	United Arab Emirates	34.6 (1.8)	38.0 (1.8)	38.9 (1.5)	41.5 (1.4)	11.7 (1.5)	21.4 (1.9)	15.1 (1.5)	15.3 (1.6)	14.6 (1.6)	25.3 (1.7)	9.0 (1.0)	3.7 (0.8)												
	Uruguay	10.1 (0.9)	22.6 (1.6)	18.1 (1.6)	27.3 (1.7)	2.5 (0.6)	5.4 (0.8)	2.7 (0.7)	2.9 (0.6)	1.9 (0.5)	9.8 (1.4)	8.3 (1.2)	0.3 (0.3)												
	Viet Nam	45.0 (3.3)	49.4 (3.1)	49.2 (3.2)	51.8 (2.9)	12.9 (1.9)	14.4 (1.8)	12.4 (2.2)	40.6 (3.5)	17.9 (2.3)	24.2 (2.9)	61.0 (3.5)	1.7 (1.0)												

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Parents' expectations of high academic performance**  
*Results based on school principals' reports*

Table IV.4.18

		Pressure on the school to meet high academic standards comes from:					
		Many parents		A minority of parents		Very few parents	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	35.7	(1.7)	55.3	(2.0)	9.0	(1.1)
	Austria	7.3	(2.3)	31.0	(3.6)	61.7	(4.0)
	Belgium	9.4	(1.9)	34.3	(2.9)	56.3	(3.1)
	Canada	32.6	(2.3)	50.9	(2.6)	16.5	(1.8)
	Chile	30.3	(3.6)	42.5	(3.9)	27.2	(3.6)
	Czech Republic	32.8	(3.0)	58.3	(3.2)	8.9	(2.4)
	Denmark	26.6	(3.2)	44.5	(3.4)	28.9	(3.2)
	Estonia	17.0	(2.0)	45.9	(2.5)	37.1	(2.7)
	Finland	4.3	(1.4)	23.9	(2.8)	71.8	(3.0)
	France	15.8	(2.2)	35.0	(3.1)	49.1	(3.3)
	Germany	5.6	(1.7)	50.0	(3.8)	44.4	(3.9)
	Greece	20.8	(3.0)	28.2	(3.7)	51.0	(4.0)
	Hungary	20.2	(3.3)	52.8	(4.2)	27.0	(3.2)
	Iceland	14.4	(0.2)	47.4	(0.2)	38.2	(0.2)
	Ireland	48.1	(4.0)	36.1	(3.9)	15.8	(2.5)
	Israel	26.3	(3.3)	52.0	(3.7)	21.7	(3.1)
	Italy	14.9	(1.4)	60.3	(1.8)	24.9	(1.5)
	Japan	23.7	(2.7)	50.4	(3.5)	25.9	(3.1)
	Korea	9.2	(2.5)	62.7	(3.5)	28.1	(3.4)
	Luxembourg	11.1	(0.1)	31.0	(0.1)	57.9	(0.1)
	Mexico	20.3	(1.2)	45.9	(1.6)	33.8	(1.7)
	Netherlands	12.2	(2.8)	58.6	(4.3)	29.2	(3.9)
	New Zealand	47.2	(4.0)	44.3	(3.8)	8.4	(2.4)
	Norway	19.2	(2.7)	43.9	(4.1)	36.9	(4.0)
	Poland	19.2	(3.2)	44.5	(4.3)	36.3	(3.9)
	Portugal	18.5	(3.1)	60.7	(4.5)	20.9	(4.1)
	Slovak Republic	10.2	(2.3)	58.9	(4.0)	30.9	(3.6)
	Slovenia	18.1	(0.6)	45.0	(0.8)	36.9	(0.8)
	Spain	7.3	(1.4)	30.8	(2.5)	61.9	(2.7)
	Sweden	45.6	(3.8)	51.7	(3.7)	2.7	(1.2)
	Switzerland	9.8	(2.0)	41.6	(3.4)	48.6	(3.4)
	Turkey	6.7	(1.6)	46.4	(4.0)	46.8	(4.1)
	United Kingdom	42.5	(3.1)	49.2	(3.2)	8.3	(1.7)
	United States	37.1	(4.4)	42.0	(4.3)	20.9	(4.3)
OECD average	21.2	(0.5)	45.8	(0.6)	33.1	(0.5)	
Partners	Albania	31.7	(3.1)	55.6	(3.4)	12.8	(2.5)
	Argentina	7.8	(2.4)	32.6	(4.0)	59.6	(4.7)
	Brazil	14.7	(1.6)	46.5	(2.6)	38.7	(2.7)
	Bulgaria	29.3	(2.4)	38.2	(3.3)	32.6	(3.4)
	Colombia	14.0	(3.2)	30.4	(3.6)	55.6	(4.2)
	Costa Rica	20.1	(3.3)	32.8	(3.5)	47.1	(4.0)
	Croatia	4.6	(1.7)	39.3	(3.8)	56.1	(3.9)
	Cyprus*	23.5	(0.1)	38.3	(0.1)	38.2	(0.1)
	Hong Kong-China	2.0	(1.1)	56.9	(3.8)	41.2	(3.9)
	Indonesia	31.3	(3.6)	49.7	(4.4)	19.0	(3.7)
	Jordan	22.7	(2.7)	44.3	(4.2)	32.9	(3.9)
	Kazakhstan	9.8	(2.0)	43.8	(4.0)	46.4	(3.8)
	Latvia	4.3	(1.6)	33.0	(3.2)	62.7	(3.4)
	Liechtenstein	12.5	(0.7)	34.3	(1.1)	53.2	(0.9)
	Lithuania	7.2	(1.8)	48.1	(3.2)	44.8	(3.5)
	Macao-China	1.8	(0.0)	42.3	(0.1)	55.8	(0.1)
	Malaysia	20.2	(3.1)	65.8	(3.8)	14.1	(2.6)
	Montenegro	11.0	(0.1)	40.0	(0.2)	49.1	(0.1)
	Peru	29.4	(3.5)	44.9	(3.5)	25.6	(3.4)
	Qatar	42.3	(0.1)	41.1	(0.1)	16.6	(0.1)
	Romania	16.5	(2.6)	40.2	(3.7)	43.3	(3.7)
	Russian Federation	20.0	(3.1)	60.3	(3.6)	19.6	(2.4)
	Serbia	7.3	(1.8)	43.7	(4.4)	49.0	(4.5)
	Shanghai-China	19.5	(3.1)	62.9	(3.9)	17.6	(3.3)
	Singapore	60.1	(0.5)	36.4	(0.5)	3.5	(0.1)
	Chinese Taipei	22.0	(3.5)	71.4	(4.0)	6.6	(1.8)
	Thailand	39.0	(3.5)	48.1	(3.4)	12.9	(2.7)
	Tunisia	13.5	(2.8)	42.9	(4.3)	43.6	(4.1)
	United Arab Emirates	36.9	(2.3)	41.8	(2.4)	21.3	(2.1)
	Uruguay	6.4	(2.2)	43.7	(3.6)	49.9	(3.7)
Viet Nam	39.8	(4.0)	51.1	(3.7)	9.0	(2.3)	

\* See notes at the beginning of this Annex.

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[Part 1/6]

## Change between 2003 and 2012 in school type and performance in mathematics

Table IV.4.19 Results based on school principals' reports

	PISA 2003														
	Government or public schools <sup>1</sup>				Government-dependent private schools <sup>2</sup>				Government-independent private schools <sup>3</sup>				Difference in performance on the mathematics scale between public and private schools (government-dependent and government-independent schools combined)		
	Percentage of students		Performance on the mathematics scale		Percentage of students		Performance on the mathematics scale		Percentage of students		Performance on the mathematics scale				
	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Dif. (Pub. - Priv.)	S.E.	
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Austria	92.0	(1.9)	504	(3.4)	6.7	(1.6)	518	(12.6)	1.3	(0.6)	c	c	-18	(12.0)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	94.2	(0.7)	529	(1.8)	3.8	(0.6)	573	(10.8)	1.9	(0.3)	563	(11.1)	<b>-41</b>	(8.3)
	Czech Republic	93.3	(1.7)	517	(3.8)	5.8	(1.6)	505	(13.5)	0.9	(0.5)	c	c	3	(13.5)
	Denmark	77.8	(2.5)	515	(3.1)	21.7	(2.6)	511	(6.3)	0.5	(0.5)	c	c	4	(7.1)
	Finland	93.3	(1.6)	545	(1.8)	6.7	(1.6)	539	(12.2)	0.0	c	c	c	5	(12.3)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	92.2	(1.7)	497	(3.7)	7.5	(1.8)	566	(12.7)	0.4	(0.4)	c	c	<b>-66</b>	(13.7)
	Greece	97.4	(1.9)	442	(3.6)	0.0	c	c	c	2.6	(1.9)	507	(30.1)	<b>-65</b>	(30.4)
	Hungary	88.9	(2.5)	489	(3.6)	9.8	(2.3)	504	(16.8)	1.2	(0.8)	c	c	-17	(18.1)
	Iceland	99.5	(0.1)	515	(1.6)	0.0	c	c	c	0.5	(0.1)	c	c	c	c
	Ireland	41.6	(1.6)	486	(3.8)	57.6	(1.8)	516	(3.3)	0.8	(0.9)	c	c	<b>-31</b>	(5.0)
	Italy	96.1	(1.2)	468	(3.1)	0.4	(0.2)	392	(61.4)	3.5	(1.3)	452	(35.4)	22	(22.4)
	Japan	73.0	(1.7)	544	(4.7)	0.6	(0.6)	c	c	26.4	(1.8)	513	(7.5)	<b>31</b>	(8.6)
	Korea	42.3	(3.7)	527	(6.1)	36.0	(4.1)	532	(7.5)	21.7	(3.4)	593	(9.6)	<b>-28</b>	(10.1)
	Luxembourg	85.9	(0.1)	498	(1.1)	14.1	(0.1)	463	(2.9)	0.0	c	c	c	<b>35</b>	(3.3)
	Mexico	86.7	(1.9)	375	(3.5)	0.1	(0.1)	c	c	13.2	(1.9)	430	(8.9)	<b>-55</b>	(9.8)
	Netherlands	23.3	(4.2)	516	(14.0)	76.7	(4.2)	541	(4.5)	0.0	c	c	c	-25	(16.4)
	New Zealand	95.4	(0.5)	522	(2.3)	0.0	c	c	c	4.6	(0.5)	579	(17.1)	<b>-57</b>	(17.3)
	Norway	99.1	(0.7)	494	(2.4)	0.9	(0.7)	c	c	0.0	c	c	c	c	c
	Poland	99.2	(0.4)	489	(2.5)	0.4	(0.4)	c	c	0.4	(0.3)	c	c	c	c
	Portugal	93.7	(1.3)	465	(3.6)	4.2	(1.2)	459	(8.5)	2.1	(1.2)	c	c	-19	(16.9)
	Slovak Republic	87.4	(2.7)	495	(3.7)	12.6	(2.7)	523	(9.3)	0.0	c	c	c	<b>-27</b>	(10.3)
	Spain	64.2	(1.5)	472	(3.4)	28.1	(2.1)	505	(4.2)	7.7	(1.7)	520	(9.7)	<b>-35</b>	(5.4)
	Sweden	95.7	(0.5)	509	(2.6)	4.3	(0.5)	516	(11.0)	0.0	c	c	c	-8	(11.3)
Switzerland	95.3	(1.0)	528	(3.8)	0.9	(0.7)	546	(34.2)	3.8	(0.7)	497	(23.2)	21	(22.3)	
Turkey	99.0	(1.0)	420	(6.6)	0.0	c	c	c	1.0	(1.0)	c	c	c	c	
United States	94.3	(1.0)	483	(3.6)	0.0	c	c	c	5.7	(1.0)	507	(9.1)	<b>-24</b>	(9.9)	
OECD average 2003	82.7	(0.3)	494	(0.9)	13.6	(0.4)	514	(4.5)	3.7	(0.3)	516	(5.9)	<b>-19</b>	(3.0)	
Partners	Brazil	87.4	(2.3)	342	(6.2)	0.0	c	c	c	12.6	(2.3)	454	(11.3)	<b>-112</b>	(13.5)
	Hong Kong-China	9.5	(0.4)	571	(11.4)	90.1	(0.5)	548	(4.8)	0.4	(0.3)	c	c	23	(12.3)
	Indonesia	51.4	(2.3)	373	(4.9)	4.1	(1.5)	326	(19.3)	44.5	(2.6)	345	(7.0)	<b>29</b>	(8.1)
	Latvia	99.0	(0.7)	485	(3.7)	0.0	c	c	c	1.0	(0.7)	c	c	c	c
	Liechtenstein	95.0	(0.3)	539	(4.1)	0.0	c	c	c	5.0	(0.3)	c	c	c	c
	Macao-China	5.0	(0.1)	c	c	49.3	(0.2)	528	(3.5)	45.8	(0.2)	529	(5.2)	c	c
	Russian Federation	99.7	(0.2)	468	(4.3)	0.0	c	c	c	0.3	(0.2)	c	c	c	c
	Thailand	88.0	(1.2)	416	(3.0)	6.0	(1.1)	419	(18.8)	6.0	(1.6)	428	(13.7)	-7	(12.7)
	Tunisia	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Uruguay	85.9	(0.8)	409	(3.7)	0.0	c	c	c	14.1	(0.8)	501	(6.1)	<b>-92</b>	(6.8)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 2/6]  
**Change between 2003 and 2012 in school type and performance in mathematics**  
 Results based on school principals' reports

Table IV.4.19

		PISA 2003									
		PISA index of economic, social and cultural status						Difference in performance on the mathematics scale between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
		Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools	
		Mean index	S.E.	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w
	Austria	-0.28	(0.03)	-0.04	(0.11)	<b>-0.24</b>	(0.12)	-6	(10.3)	10	(11.9)
	Belgium	w	w	w	w	w	w	w	w	w	w
	Canada	0.18	(0.02)	0.67	(0.08)	<b>-0.50</b>	(0.08)	<b>-27</b>	(6.4)	<b>-14</b>	(6.6)
	Czech Republic	-0.06	(0.02)	0.01	(0.13)	-0.07	(0.13)	12	(9.8)	17	(10.5)
	Denmark	0.07	(0.04)	0.09	(0.07)	-0.02	(0.08)	5	(5.2)	5	(4.8)
	Finland	0.04	(0.02)	0.34	(0.14)	<b>-0.30</b>	(0.14)	13	(11.0)	14	(11.2)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	-0.05	(0.03)	0.74	(0.08)	<b>-0.79</b>	(0.09)	<b>-29</b>	(10.7)	17	(11.7)
	Greece	-0.35	(0.04)	0.95	(0.44)	<b>-1.30</b>	(0.44)	-19	(15.5)	<b>42</b>	(9.0)
	Hungary	-0.34	(0.03)	-0.09	(0.11)	-0.24	(0.13)	-4	(13.1)	8	(9.8)
	Iceland	0.54	(0.02)	c	c	c	c	c	c	c	c
	Ireland	-0.49	(0.03)	-0.08	(0.05)	<b>-0.41</b>	(0.06)	<b>-16</b>	(3.9)	-3	(4.0)
	Italy	-0.30	(0.03)	-0.01	(0.07)	<b>-0.29</b>	(0.08)	31	(22.5)	46	(23.5)
	Japan	-0.47	(0.03)	-0.25	(0.05)	<b>-0.22</b>	(0.06)	<b>41</b>	(6.8)	<b>62</b>	(5.6)
	Korea	-0.59	(0.05)	-0.21	(0.05)	<b>-0.39</b>	(0.08)	-14	(8.2)	10	(7.1)
	Luxembourg	-0.06	(0.02)	-0.30	(0.04)	<b>0.25</b>	(0.04)	<b>27</b>	(3.5)	<b>13</b>	(3.4)
	Mexico	-1.52	(0.04)	-0.37	(0.13)	<b>-1.15</b>	(0.14)	<b>-25</b>	(8.0)	<b>19</b>	(8.1)
	Netherlands	-0.18	(0.08)	-0.09	(0.04)	-0.10	(0.10)	-10	(10.7)	-2	(8.6)
	New Zealand	-0.16	(0.02)	0.60	(0.11)	<b>-0.76</b>	(0.11)	-23	(12.8)	12	(9.7)
	Norway	0.18	(0.02)	c	c	c	c	c	c	c	c
Poland	-0.42	(0.02)	c	c	c	c	c	c	c	c	
Portugal	-0.93	(0.04)	-0.62	(0.36)	-0.31	(0.36)	-11	(9.9)	-2	(10.6)	
Slovak Republic	-0.27	(0.03)	-0.02	(0.08)	<b>-0.25</b>	(0.09)	-15	(7.8)	-2	(7.3)	
Spain	-0.76	(0.06)	-0.13	(0.07)	<b>-0.63</b>	(0.09)	<b>-20</b>	(4.4)	-6	(4.3)	
Sweden	0.07	(0.03)	0.44	(0.11)	<b>-0.38</b>	(0.11)	6	(8.2)	<b>17</b>	(7.0)	
Switzerland	-0.26	(0.03)	0.17	(0.12)	<b>-0.43</b>	(0.12)	<b>40</b>	(20.1)	<b>62</b>	(19.6)	
Turkey	-1.20	(0.06)	c	c	c	c	c	c	c	c	
United States	0.05	(0.03)	0.48	(0.11)	<b>-0.43</b>	(0.12)	-6	(8.3)	11	(9.7)	
OECD average 2003	-0.29	(0.01)	0.10	(0.03)	<b>-0.40</b>	(0.03)	-4	(2.2)	<b>14</b>	(2.1)	
Partners	Brazil	-1.77	(0.05)	-0.10	(0.09)	<b>-1.68</b>	(0.11)	<b>-73</b>	(14.0)	12	(20.3)
	Hong Kong-China	-1.25	(0.11)	-1.27	(0.04)	0.03	(0.12)	<b>22</b>	(10.0)	<b>20</b>	(8.9)
	Indonesia	-1.82	(0.05)	-1.92	(0.06)	0.10	(0.08)	<b>27</b>	(7.2)	<b>23</b>	(6.1)
	Latvia	-0.35	(0.03)	c	c	c	c	c	c	c	c
	Liechtenstein	-0.31	(0.04)	c	c	c	c	c	c	c	c
	Macao-China	c	c	-1.58	(0.03)	c	c	c	c	c	c
	Russian Federation	-0.62	(0.03)	c	c	c	c	c	c	c	c
	Thailand	-1.92	(0.04)	-1.45	(0.09)	<b>-0.47</b>	(0.10)	3	(11.9)	13	(11.5)
	Tunisia	m	m	m	m	m	m	m	m	m	m
	Uruguay	-0.95	(0.04)	0.39	(0.07)	<b>-1.34</b>	(0.08)	<b>-55</b>	(6.7)	16	(11.4)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 3/6]

**Change between 2003 and 2012 in school type and performance in mathematics**Table IV.4.19 *Results based on school principals' reports*

	PISA 2012												Difference in performance on the mathematics scale between public and private schools (government-dependent and government-independent schools combined)		
	Government or public schools <sup>1</sup>				Government-dependent private schools <sup>2</sup>				Government-independent private schools <sup>3</sup>						
	Percentage of students		Performance on the mathematics scale		Percentage of students		Performance on the mathematics scale		Percentage of students		Performance on the mathematics scale				
	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.			
OECD	Australia	61.0	(0.7)	489	(2.3)	26.5	(1.0)	510	(2.9)	12.5	(0.9)	559	(3.6)	<b>-37</b>	(3.4)
	Austria	91.4	(2.3)	502	(3.2)	7.5	(2.1)	546	(15.9)	1.1	(0.9)	559	(14.5)	<b>-45</b>	(14.9)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	92.2	(0.8)	514	(2.0)	4.3	(0.6)	570	(8.1)	3.5	(0.8)	566	(10.1)	<b>-54</b>	(6.7)
	Czech Republic	91.8	(1.9)	498	(3.8)	6.9	(1.6)	493	(17.3)	1.3	(0.9)	c	c	-6	(17.3)
	Denmark	77.0	(1.8)	494	(2.5)	18.9	(2.0)	517	(6.2)	4.2	(1.5)	527	(13.0)	<b>-25</b>	(6.4)
	Finland	97.0	(0.7)	518	(2.0)	3.0	(0.7)	542	(7.2)	0.0	c	c	c	<b>-24</b>	(7.7)
	France	82.8	(1.4)	490	(3.2)	17.2	(1.4)	521	(6.6)	0.0	c	c	c	<b>-31</b>	(7.4)
	Germany	94.5	(1.6)	511	(3.5)	5.0	(1.6)	549	(19.4)	0.5	(0.4)	c	c	<b>-44</b>	(19.7)
	Greece	97.7	(0.7)	450	(2.7)	0.0	c	c	c	2.3	(0.7)	c	c	c	c
	Hungary	84.0	(2.9)	475	(3.4)	16.0	(2.9)	489	(14.1)	0.0	c	c	c	-15	(15.1)
	Iceland	99.5	(0.1)	493	(1.7)	0.5	(0.1)	c	c	0.0	c	c	c	c	c
	Ireland	43.8	(0.9)	492	(3.9)	54.0	(1.1)	502	(3.0)	2.2	(1.1)	c	c	<b>-12</b>	(5.0)
	Italy	95.3	(0.7)	487	(2.3)	1.8	(0.4)	437	(7.1)	2.9	(0.5)	515	(8.9)	3	(7.7)
	Japan	70.1	(1.2)	535	(3.3)	0.0	c	c	c	29.9	(1.2)	540	(9.6)	-5	(10.3)
	Korea	52.7	(4.1)	546	(7.1)	31.4	(3.8)	539	(7.2)	15.9	(3.1)	609	(10.5)	-17	(10.1)
	Luxembourg	84.9	(0.1)	492	(1.3)	13.4	(0.0)	464	(2.4)	1.8	(0.0)	c	c	<b>13</b>	(2.7)
	Mexico	90.7	(0.9)	408	(1.5)	0.1	(0.1)	c	c	9.2	(0.8)	452	(6.0)	<b>-43</b>	(6.5)
	Netherlands	33.6	(4.4)	516	(10.0)	66.4	(4.4)	523	(5.6)	0.0	c	c	c	-7	(12.5)
	New Zealand	94.7	(1.4)	496	(2.5)	0.0	c	c	c	5.3	(1.4)	583	(6.8)	<b>-87</b>	(6.9)
	Norway	98.3	(1.0)	489	(2.8)	1.7	(1.0)	c	c	0.0	c	c	c	c	c
	Poland	97.1	(0.4)	516	(3.6)	1.9	(0.4)	566	(22.1)	1.0	(0.2)	581	(14.9)	<b>-56</b>	(12.9)
	Portugal	89.9	(2.0)	481	(3.8)	5.8	(1.9)	516	(7.3)	4.2	(1.4)	581	(5.2)	<b>-62</b>	(9.4)
	Slovak Republic	91.0	(2.4)	478	(4.1)	8.6	(2.5)	520	(20.2)	0.5	(0.3)	c	c	<b>-42</b>	(20.4)
	Spain	68.2	(0.8)	471	(2.5)	24.4	(1.1)	506	(3.6)	7.4	(1.0)	523	(4.8)	<b>-39</b>	(3.3)
	Sweden	86.0	(0.7)	476	(2.4)	14.0	(0.7)	491	(7.9)	0.0	c	c	c	-15	(8.4)
Switzerland	93.7	(1.3)	532	(3.3)	1.5	(0.8)	567	(18.4)	4.8	(1.0)	505	(13.0)	12	(14.8)	
Turkey	100.0	c	447	(4.9)	0.0	c	c	c	0.0	c	c	c	c	c	
United States	94.9	(0.9)	482	(4.0)	0.0	c	c	c	5.1	(0.9)	496	(10.0)	-14	(11.4)	
OECD average 2003	83.1	(0.4)	492	(0.7)	13.0	(0.4)	519	(2.8)	3.9	(0.3)	541	(2.9)	<b>-28</b>	(2.4)	
Partners	Brazil	86.5	(1.3)	376	(2.0)	0.6	(0.4)	c	c	12.8	(1.3)	461	(6.9)	<b>-83</b>	(6.7)
	Hong Kong-China	7.0	(0.2)	597	(9.5)	91.9	(0.8)	560	(3.5)	1.2	(0.7)	c	c	<b>37</b>	(10.1)
	Indonesia	58.9	(2.6)	377	(5.0)	17.5	(2.3)	342	(5.6)	23.7	(2.7)	395	(10.7)	5	(8.9)
	Latvia	97.7	(1.5)	490	(2.9)	0.4	(0.4)	c	c	1.9	(1.3)	c	c	c	c
	Liechtenstein	93.6	(0.4)	541	(3.9)	0.0	c	c	c	6.4	(0.4)	c	c	c	c
	Macao-China	4.2	(0.0)	c	c	81.3	(0.0)	537	(1.1)	14.5	(0.0)	559	(2.9)	c	c
	Russian Federation	99.4	(0.6)	482	(3.0)	0.0	c	c	c	0.6	(0.6)	c	c	c	c
	Thailand	83.5	(0.6)	433	(3.8)	11.6	(1.5)	396	(5.1)	4.9	(1.3)	398	(23.2)	<b>36</b>	(8.9)
	Tunisia	99.4	(0.4)	389	(3.9)	0.0	c	c	c	0.6	(0.4)	c	c	c	c
	Uruguay	83.3	(1.2)	393	(2.6)	0.0	c	c	c	16.7	(1.2)	492	(6.6)	<b>-100</b>	(7.1)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 4/6]  
**Change between 2003 and 2012 in school type and performance in mathematics**  
 Results based on school principals' reports

Table IV.4.19

		PISA 2012									
		PISA index of economic, social and cultural status						Difference in performance on the mathematics scale between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
		Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools	
		Mean index	S.E.	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.
OECD	Australia	0.06	(0.01)	0.52	(0.02)	<b>-0.46</b>	(0.02)	<b>-17</b>	(3.4)	8	(4.3)
	Austria	0.02	(0.02)	0.64	(0.13)	<b>-0.62</b>	(0.14)	-18	(13.3)	21	(15.7)
	Belgium	w	w	w	w	w	w	w	w	w	w
	Canada	0.37	(0.02)	0.85	(0.07)	<b>-0.48</b>	(0.07)	<b>-38</b>	(6.5)	<b>-25</b>	(6.6)
	Czech Republic	-0.08	(0.02)	0.07	(0.10)	<b>-0.15</b>	(0.11)	3	(14.0)	16	(12.5)
	Denmark	0.35	(0.03)	0.69	(0.05)	<b>-0.34</b>	(0.05)	<b>-11</b>	(5.0)	0	(4.6)
	Finland	0.35	(0.02)	0.69	(0.08)	<b>-0.34</b>	(0.08)	-13	(6.9)	-5	(6.7)
	France	-0.11	(0.02)	0.28	(0.04)	<b>-0.38</b>	(0.05)	-8	(6.6)	<b>26</b>	(7.9)
	Germany	0.15	(0.03)	0.65	(0.16)	<b>-0.51</b>	(0.17)	-17	(16.0)	23	(15.7)
	Greece	-0.12	(0.03)	c	c	c	c	c	c	c	c
	Hungary	-0.27	(0.03)	-0.12	(0.11)	-0.15	(0.12)	-8	(10.8)	1	(8.6)
	Iceland	0.79	(0.01)	c	c	c	c	c	c	c	c
	Ireland	0.03	(0.03)	0.13	(0.03)	<b>-0.10</b>	(0.04)	-8	(4.1)	-4	(3.7)
	Italy	-0.07	(0.02)	0.23	(0.10)	<b>-0.30</b>	(0.11)	<b>12</b>	(6.1)	<b>31</b>	(7.8)
	Japan	-0.15	(0.02)	0.12	(0.04)	<b>-0.28</b>	(0.04)	6	(8.7)	<b>43</b>	(6.7)
	Korea	0.00	(0.04)	0.03	(0.04)	-0.04	(0.06)	-15	(8.4)	-12	(6.9)
	Luxembourg	0.06	(0.02)	0.12	(0.03)	-0.06	(0.03)	<b>15</b>	(3.0)	<b>18</b>	(2.8)
	Mexico	-1.30	(0.02)	0.29	(0.08)	<b>-1.59</b>	(0.08)	<b>-16</b>	(5.4)	<b>18</b>	(4.6)
	Netherlands	0.22	(0.06)	0.21	(0.03)	0.01	(0.07)	-8	(10.6)	-9	(7.8)
	New Zealand	0.00	(0.02)	0.84	(0.07)	<b>-0.84</b>	(0.07)	<b>-43</b>	(7.2)	0	(9.4)
	Norway	0.47	(0.02)	c	c	c	c	c	c	c	c
	Poland	-0.24	(0.03)	0.77	(0.09)	<b>-1.01</b>	(0.09)	-15	(11.3)	15	(12.9)
	Portugal	-0.58	(0.05)	0.37	(0.21)	<b>-0.95</b>	(0.22)	<b>-29</b>	(4.8)	-7	(7.2)
Slovak Republic	-0.23	(0.03)	0.25	(0.14)	<b>-0.47</b>	(0.16)	-17	(14.8)	7	(11.9)	
Spain	-0.39	(0.03)	0.20	(0.05)	<b>-0.59</b>	(0.06)	<b>-21</b>	(3.3)	<b>-10</b>	(4.1)	
Sweden	0.24	(0.02)	0.48	(0.08)	<b>-0.24</b>	(0.08)	-7	(6.4)	2	(5.0)	
Switzerland	0.13	(0.02)	0.71	(0.06)	<b>-0.57</b>	(0.06)	<b>34</b>	(14.3)	<b>71</b>	(15.5)	
Turkey	-1.48	(0.03)	c	c	c	c	c	c	c	c	
United States	0.15	(0.04)	0.73	(0.11)	<b>-0.58</b>	(0.12)	7	(8.1)	<b>27</b>	(6.4)	
OECD average 2003	-0.06	(0.01)	0.40	(0.02)	<b>-0.45</b>	(0.02)	<b>-11</b>	(1.9)	<b>8</b>	(1.9)	
Partners	Brazil	-1.42	(0.02)	-0.03	(0.09)	<b>-1.39</b>	(0.09)	<b>-60</b>	(6.0)	<b>-19</b>	(7.1)
	Hong Kong-China	-0.77	(0.12)	-0.79	(0.05)	0.02	(0.13)	<b>34</b>	(10.0)	<b>33</b>	(12.0)
	Indonesia	-1.78	(0.06)	-1.81	(0.09)	0.03	(0.11)	4	(7.6)	4	(6.8)
	Latvia	-0.27	(0.03)	c	c	c	c	c	c	c	c
	Liechtenstein	0.27	(0.05)	c	c	c	c	c	c	c	c
	Macao-China	c	c	-0.87	(0.01)	c	c	c	c	c	c
	Russian Federation	-0.11	(0.02)	c	c	c	c	c	c	c	c
	Thailand	-1.37	(0.04)	-1.23	(0.15)	-0.14	(0.15)	<b>39</b>	(6.4)	<b>42</b>	(5.2)
	Tunisia	-1.20	(0.05)	c	c	c	c	c	c	c	c
	Uruguay	-1.15	(0.03)	0.46	(0.07)	<b>-1.61</b>	(0.07)	<b>-55</b>	(5.9)	<b>28</b>	(8.8)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 5/6]

## Change between 2003 and 2012 in school type and performance in mathematics

Table IV.4.19 Results based on school principals' reports

	Change between 2003 and 2012 (PISA 2012 - PISA 2003)												Difference in performance on the mathematics scale between public and private schools (government-dependent and government-independent schools combined)	
	Government or public schools <sup>1</sup>				Government-dependent private schools <sup>2</sup>				Government-independent private schools <sup>3</sup>					
	Percentage of students		Performance on the mathematics scale		Percentage of students		Performance on the mathematics scale		Percentage of students		Performance on the mathematics scale		Dif. (Pub. - Priv.)	S.E.
	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.		
<b>OECD</b>	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Australia	-0.6	(3.0)	-2	(5.0)	0.8	(2.7)	27	(20.3)	-0.2	(1.1)	c	c	-27	(19.4)
Austria	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Belgium	-2.1	(1.0)	-16	(3.3)	0.5	(0.9)	-4	(13.7)	1.6	(0.9)	3	(15.2)	-14	(11.0)
Canada	-1.6	(2.6)	-19	(5.7)	1.2	(2.3)	-12	(22.0)	0.4	(1.1)	c	c	-8	(21.9)
Czech Republic	-0.9	(3.1)	-22	(4.5)	-2.8	(3.3)	6	(9.1)	<b>3.7</b>	(1.6)	c	c	<b>-29</b>	(10.3)
Denmark	<b>3.6</b>	(1.7)	<b>-27</b>	(3.3)	<b>-3.6</b>	(1.7)	2	(14.3)	0.0	c	c	c	<b>-29</b>	(14.7)
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w
France	2.4	(2.3)	<b>14</b>	(5.5)	-2.5	(2.4)	-16	(23.3)	0.1	(0.6)	c	c	22	(24.4)
Germany	0.3	(2.0)	7	(4.9)	0.0	c	c	c	-0.3	(2.0)	c	c	c	c
Greece	-4.9	(3.8)	<b>-14</b>	(5.4)	6.2	(3.7)	-14	(22.1)	-1.2	c	c	c	2	(23.6)
Hungary	-0.1	(0.1)	<b>-22</b>	(3.0)	0.5	c	c	c	-0.5	c	c	c	c	c
Iceland	2.2	(1.8)	6	(5.8)	-3.6	(2.1)	<b>-14</b>	(4.9)	1.4	(1.4)	c	c	<b>18</b>	(7.1)
Ireland	-0.8	(1.4)	<b>19</b>	(4.4)	<b>1.4</b>	(0.5)	45	(61.9)	-0.7	(1.4)	63	(36.5)	-20	(24.4)
Italy	-2.9	(2.0)	-9	(6.1)	-0.6	c	c	c	3.5	(2.1)	<b>27</b>	(12.4)	<b>-35</b>	(13.7)
Japan	10.4	(5.5)	<b>19</b>	(9.6)	-4.6	(5.6)	7	(10.6)	-5.8	(4.6)	16	(14.3)	11	(13.9)
Korea	<b>-1.0</b>	(0.1)	<b>-6</b>	(2.6)	<b>-0.8</b>	(0.1)	1	(4.3)	1.8	c	c	c	<b>-22</b>	(5.0)
Luxembourg	4.0	(2.1)	<b>33</b>	(4.3)	0.0	(0.2)	c	c	-4.0	(2.1)	<b>22</b>	(10.9)	12	(11.8)
Mexico	10.3	(6.1)	0	(17.3)	-10.3	(6.1)	<b>-18</b>	(7.4)	0.0	c	c	c	18	(21.0)
Netherlands	-0.8	(1.5)	<b>-26</b>	(3.9)	0.0	c	c	c	0.8	(1.5)	4	(18.5)	-30	(18.7)
New Zealand	-0.8	(1.2)	-5	(4.1)	0.8	(1.2)	c	c	0.0	c	c	c	c	c
Norway	<b>-2.2</b>	(0.5)	<b>26</b>	(4.8)	<b>1.5</b>	(0.6)	c	c	0.7	(0.4)	c	c	c	c
Poland	-3.8	(2.3)	<b>16</b>	(5.6)	1.6	(2.2)	<b>57</b>	(11.4)	2.2	(1.9)	c	c	<b>-43</b>	(19.2)
Portugal	3.5	(3.6)	<b>-18</b>	(5.9)	-4.0	(3.7)	-2	(22.3)	0.5	c	c	c	-15	(24.5)
Slovak Republic	<b>4.0</b>	(1.7)	-1	(4.7)	-3.7	(2.4)	2	(5.9)	-0.3	(2.0)	3	(11.0)	-3	(6.5)
Spain	<b>-9.7</b>	(0.9)	<b>-33</b>	(4.1)	<b>9.7</b>	(0.9)	-25	(13.7)	0.0	c	c	c	-7	(14.7)
Sweden	-1.6	(1.7)	4	(5.4)	0.6	(1.1)	21	(38.9)	1.0	(1.3)	7	(26.7)	-9	(26.0)
Switzerland	1.0	c	<b>28</b>	(8.4)	0.0	c	c	c	-1.0	c	c	c	c	c
Turkey	0.6	(1.3)	-1	(5.7)	0.0	c	c	c	-0.6	(1.3)	-11	(13.6)	9	(14.7)
United States	0.5	(0.5)	<b>-2</b>	(1.2)	-0.6	(0.6)	3	(5.2)	0.1	(0.4)	<b>15</b>	(6.5)	<b>-9</b>	(3.7)
<b>OECD average 2003</b>														
<b>Partners</b>														
Brazil	-0.9	(2.7)	<b>35</b>	(6.8)	0.6	c	c	c	0.3	(2.7)	6	(13.4)	<b>29</b>	(14.6)
Hong Kong-China	<b>-2.5</b>	(0.4)	26	(15.0)	1.7	(0.9)	12	(6.3)	0.8	(0.8)	c	c	14	(15.5)
Indonesia	<b>7.5</b>	(3.5)	5	(7.2)	<b>13.4</b>	(2.8)	16	(20.2)	<b>-20.8</b>	(3.8)	<b>49</b>	(12.9)	<b>-24</b>	(12.2)
Latvia	-1.3	(1.7)	5	(5.1)	0.4	c	c	c	0.9	(1.5)	c	c	c	c
Liechtenstein	<b>-1.3</b>	(0.5)	2	(6.0)	0.0	c	c	c	<b>1.3</b>	(0.5)	c	c	c	c
Macao-China	<b>-0.8</b>	(0.1)	c	c	<b>32.0</b>	(0.2)	<b>9</b>	(4.1)	<b>-31.3</b>	(0.2)	<b>29</b>	(6.3)	c	c
Russian Federation	-0.4	(0.7)	<b>14</b>	(5.6)	0.0	c	c	c	0.4	(0.7)	c	c	c	c
Thailand	<b>-4.6</b>	(1.3)	<b>17</b>	(5.2)	<b>5.7</b>	(1.9)	-23	(19.6)	-1.1	(2.0)	-30	(27.0)	<b>43</b>	(15.2)
Tunisia	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	-2.6	(1.5)	<b>-17</b>	(4.9)	0.0	c	c	c	2.6	(1.5)	-9	(9.2)	-8	(10.2)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 6/6]

**Change between 2003 and 2012 in school type and performance in mathematics**Table IV.4.19 *Results based on school principals' reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)									
		PISA index of economic, social and cultural status						Difference in performance on the mathematics scale between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
		Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools	
		Mean index	S.E.	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w
	Austria	<b>0.30</b>	(0.04)	<b>0.68</b>	(0.17)	<b>-0.38</b>	(0.18)	-12	(16.8)	13	(19.5)
	Belgium	w	w	w	w	w	w	w	w	w	w
	Canada	<b>0.20</b>	(0.02)	0.18	(0.10)	0.02	(0.10)	-12	(9.5)	-12	(9.7)
	Czech Republic	-0.02	(0.03)	0.05	(0.17)	-0.07	(0.17)	-11	(17.2)	-5	(17.1)
	Denmark	<b>0.27</b>	(0.04)	<b>0.60</b>	(0.09)	<b>-0.32</b>	(0.10)	<b>-16</b>	(7.7)	-7	(7.0)
	Finland	<b>0.31</b>	(0.03)	<b>0.35</b>	(0.16)	-0.04	(0.17)	<b>-28</b>	(13.1)	<b>-27</b>	(12.9)
	France	w	w	w	w	w	w	w	w	w	w
	Germany	<b>0.20</b>	(0.04)	-0.09	(0.18)	0.29	(0.19)	12	(20.4)	-6	(20.8)
	Greece	<b>0.23</b>	(0.05)	c	c	c	c	c	c	c	c
	Hungary	0.06	(0.05)	-0.03	(0.16)	0.10	(0.19)	-3	(16.3)	-8	(11.6)
	Iceland	<b>0.24</b>	(0.02)	c	c	c	c	c	c	c	c
	Ireland	<b>0.52</b>	(0.04)	<b>0.21</b>	(0.06)	<b>0.31</b>	(0.06)	8	(6.0)	-4	(5.5)
	Italy	<b>0.23</b>	(0.03)	0.24	(0.13)	-0.01	(0.13)	-19	(23.9)	-19	(24.8)
	Japan	<b>0.32</b>	(0.03)	<b>0.37</b>	(0.07)	-0.05	(0.08)	<b>-34</b>	(11.3)	<b>-28</b>	(8.6)
	Korea	<b>0.59</b>	(0.06)	<b>0.24</b>	(0.06)	<b>0.35</b>	(0.10)	-3	(11.7)	<b>-27</b>	(10.3)
	Luxembourg	<b>0.12</b>	(0.02)	<b>0.42</b>	(0.05)	<b>-0.30</b>	(0.05)	<b>-11</b>	(5.2)	5	(5.0)
	Mexico	<b>0.22</b>	(0.05)	<b>0.66</b>	(0.15)	<b>-0.44</b>	(0.16)	<b>21</b>	(9.3)	<b>33</b>	(7.5)
	Netherlands	<b>0.40</b>	(0.10)	<b>0.30</b>	(0.05)	0.10	(0.12)	2	(16.3)	-8	(13.3)
	New Zealand	<b>0.16</b>	(0.03)	0.24	(0.13)	-0.08	(0.13)	-25	(14.4)	-21	(11.8)
	Norway	<b>0.29</b>	(0.03)	c	c	c	c	c	c	c	c
Poland	<b>0.18</b>	(0.04)	c	c	c	c	c	c	c	c	
Portugal	<b>0.35</b>	(0.07)	<b>0.99</b>	(0.41)	-0.64	(0.43)	-21	(10.8)	-5	(13.9)	
Slovak Republic	0.05	(0.05)	0.27	(0.17)	-0.22	(0.18)	-4	(18.6)	7	(16.0)	
Spain	<b>0.37</b>	(0.07)	<b>0.33</b>	(0.08)	0.04	(0.11)	-5	(5.3)	-5	(5.4)	
Sweden	<b>0.17</b>	(0.03)	0.04	(0.13)	0.14	(0.14)	-13	(10.8)	<b>-17</b>	(8.6)	
Switzerland	<b>0.39</b>	(0.04)	<b>0.53</b>	(0.13)	-0.14	(0.14)	-4	(24.4)	4	(24.6)	
Turkey	<b>-0.28</b>	(0.07)	c	c	c	c	c	c	c	c	
United States	0.10	(0.05)	0.25	(0.16)	-0.15	(0.19)	16	(11.5)	21	(12.4)	
OECD average 2003	<b>0.23</b>	(0.01)	<b>0.32</b>	(0.03)	-0.06	(0.04)	<b>-8</b>	(3.0)	<b>-6</b>	(2.9)	
Partners	Brazil	<b>0.35</b>	(0.05)	0.06	(0.13)	<b>0.29</b>	(0.15)	24	(12.9)	13	(11.0)
	Hong Kong-China	<b>0.48</b>	(0.17)	<b>0.49</b>	(0.07)	-0.01	(0.17)	12	(13.8)	13	(14.9)
	Indonesia	0.03	(0.08)	0.11	(0.11)	-0.07	(0.14)	<b>-23</b>	(10.4)	<b>-21</b>	(8.9)
	Latvia	<b>0.08</b>	(0.04)	c	c	c	c	c	c	c	c
	Liechtenstein	<b>0.58</b>	(0.07)	c	c	c	c	c	c	c	c
	Macao-China	c	c	c	c	c	c	c	c	c	c
	Russian Federation	<b>0.50</b>	(0.04)	c	c	c	c	c	c	c	c
	Thailand	<b>0.55</b>	(0.06)	0.22	(0.17)	0.33	(0.18)	<b>35</b>	(13.5)	<b>29</b>	(13.0)
	Tunisia	m	m	m	m	m	m	m	m	m	m
	Uruguay	<b>-0.20</b>	(0.05)	0.07	(0.10)	<b>-0.27</b>	(0.11)	0	(8.8)	14	(8.9)


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 1/1]  
National assessments at the lower  
secondary level

Table IV.4.20

	Source	Year of reference	Type of programme	Existence
<b>OECD</b>				
Australia	a	2009	All programmes	Yes
Austria	a	2009	All programmes	No
Belgium (Fl.)	a	2009	All programmes	Yes
Belgium (Fr.) <sup>1</sup>	a	2009	All programmes	No
Canada	a	2009	All programmes	m
Chile	a	2009	All programmes	Yes
Czech Republic	a	2009	All programmes	No
Denmark	a	2009	All programmes	Yes
England	a	2009	All programmes	No
Estonia	a	2009	All programmes	No
Finland	a	2009	All programmes	Yes
France	a	2009	All programmes	No
Germany	a	2009	All programmes	Yes
Greece	a	2009	All programmes	No
Hungary	a	2009	All programmes	Yes
Iceland	a	2009	All programmes	Yes
Ireland	a	2009	All programmes	No
Israel	a	2009	All programmes	Yes
Italy	a	2009	All programmes	Yes
Japan	a	2009	All programmes	Yes
Korea	a	2009	All programmes	Yes
Luxembourg	a	2009	All programmes	Yes
Mexico	a	2009	All programmes	Yes
Netherlands	a	2009	All programmes	No
New Zealand	a	2009	All programmes	m
Norway	a	2009	All programmes	Yes
Poland	a	2009	All programmes	No
Portugal	a	2009	All programmes	No
Scotland	a	2009	All programmes	No
Slovak Republic	a	2009	General	Yes
	a	2009	Pre-voc. and voc.	No
Slovenia	a	2009	All programmes	m
Spain	a	2009	All programmes	Yes
Sweden	a	2009	All programmes	Yes
Switzerland	a	2009	All programmes	m
Turkey	a	2009	All programmes	a
United States	a	2009	All programmes	Yes
<b>Partners</b>				
Albania	b	2011	All programmes	No
Argentina				m
Brazil	a	2009	All programmes	Yes
Bulgaria	b	2011	All programmes	Yes
Colombia	b	2011	All programmes	Yes
Costa Rica				m
Croatia	b	2011	All programmes	No
Cyprus*	b	2011	All programmes	No
Hong Kong-China	b	2011	All programmes	Yes
Indonesia	a	2009	All programmes	Yes
Jordan	b	2012	All programmes	Yes
Kazakhstan				m
Latvia	b	2011	All programmes	No
Liechtenstein	b	2011	All programmes	Yes
Lithuania	b	2011	All programmes	Yes
Macao-China	b	2011	All programmes	No
Malaysia	b	2011	All programmes	Yes
Montenegro	b	2011	All programmes	Yes
Peru	b	2011	General	Yes
			Pre-voc. and voc.	No
Qatar	b	2011	All programmes	Yes
Romania	b	2011	All programmes	Yes
Russian Federation	a	2009	All programmes	Yes
Serbia				m
Shanghai-China	b	2011	General	Yes
			Pre-voc. and voc.	No
Singapore	b	2011	All programmes	No
Chinese Taipei	b	2011	All programmes	No
Thailand	b	2011	All programmes	Yes
Tunisia	b	2011	All programmes	Yes
United Arab Emirates	b	2011	All programmes	Yes
Uruguay	b	2011	All programmes	No
Viet Nam	b	2011	General	Yes
			Pre-voc. and voc.	No


Note: Federal states or countries with highly decentralised school systems may experience regulatory differences between states, provinces or regions.

1. A national assessment has been organised every year up to 2013, but exceptionally not in 2009.

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2011: OECD Indicators* (OECD, 2011). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2011](http://www.oecd.org/edu/eag2011).

b. PISA system-level data collection in 2013.

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[Part 1/1]  
National assessments at the upper  
secondary level

Table IV.4.21

	Source	Year of reference	Type of programme	Existence
<b>OECD</b>				
Australia	a	2009	All programmes	No
Austria	a	2009	All programmes	No
Belgium (Fl.)	a	2010	All programmes	Yes
Belgium (Fr.) <sup>1</sup>	a	2009	All programmes	No
Canada				m
Chile	a	2009	All programmes	Yes
Czech Republic	a	2009	All programmes	No
Denmark	a	2009	All programmes	No
England	a	2009	All programmes	No
Estonia	a	2009	All programmes	No
Finland	a	2009	All programmes	No
France	a	2009	All programmes	No
Germany	a	2009	All programmes	No
Greece	a	2009	All programmes	No
Hungary	a	2009	All programmes	Yes
Iceland	a	2009	All programmes	No
Ireland	a	2009	All programmes	No
Israel	a	2009	All programmes	No
Italy	a	2009	All programmes	No
Japan	a	2009	All programmes	No
Korea	a	2009	All programmes	Yes
Luxembourg	a	2009	All programmes	No
Mexico	a	2009	All programmes	Yes
Netherlands	a	2009	All programmes	No
New Zealand				m
Norway	a	2009	All programmes	No
Poland	a	2009	All programmes	No
Portugal	a	2009	All programmes	No
Scotland	a	2009	All programmes	No
Slovak Republic	a	2009	All programmes	No
Slovenia				m
Spain	a	2009	All programmes	No
Sweden	a	2009	All programmes	Yes
Switzerland				m
Turkey	a	2009	All programmes	Yes
United States	a	2009	All programmes	Yes
<b>Partners</b>				
Albania	b	2011	All programmes	No
Argentina				m
Brazil	a	2009	General	Yes
			Pre-voc. and voc.	No
Bulgaria	b	2011	All programmes	No
Colombia	b	2011	All programmes	No
Costa Rica				m
Croatia	b	2011	All programmes	No
Cyprus*	b	2011	All programmes	Yes
Hong Kong-China	b	2011	All programmes	No
Indonesia	a	2009	All programmes	Yes
Jordan	b	2012	All programmes	Yes
Kazakhstan				m
Latvia	b	2011	All programmes	No
Liechtenstein	b	2011	All programmes	Yes
Lithuania	b	2011	All programmes	No
Macao-China	b	2011	All programmes	No
Malaysia	b	2011	All programmes	Yes
Montenegro	b	2011	All programmes	No
Peru	b	2011	General	Yes
			Pre-voc. and voc.	No
Qatar	b	2011	All programmes	Yes
Romania	b	2011	All programmes	Yes
Russian Federation	a	2009	All programmes	Yes
Serbia				m
Shanghai-China	b	2011	All programmes	No
Singapore	b	2011	All programmes	No
Chinese Taipei	b	2011	All programmes	Yes
Thailand	b	2011	All programmes	Yes
Tunisia	b	2011	All programmes	Yes
United Arab Emirates	b	2011	All programmes	Yes
Uruguay	b	2011	All programmes	No
Viet Nam	b	2011	General	Yes
			Pre-voc. and voc.	No


Note: Federal states or countries with highly decentralised school systems may experience regulatory differences between states, provinces or regions.

1. A national assessment has been organised every year up to 2013, but exceptionally not in 2009.

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2011: OECD Indicators* (OECD, 2011). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2011](http://www.oecd.org/edu/eag2011).

b. PISA system-level data collection in 2013.

StatLink  <http://dx.doi.org/10.1787/888932957498>







[Part 1/2]

Table IV.4.23 National examinations at the upper secondary level

OECD	Source	Year of reference	Type of programme	Existence		Level of government at which they are devised and graded		Standardised at the national level	Compulsory for students	Percentage of students taking them	Main purposes or uses										How results are shared					
				(1)	(2)	(3)	(4)				(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
				Student certification/graduation/grade completion	Student promotion/entry to higher grade	Student entry to tertiary education	Student access to selective tertiary institutions				Student selection for programme/course/tracks at the upper secondary level	Student selection for programme/faculty/discipline/field/specialisation at tertiary level	Student expulsion from school	Decisions about scholarships/financial assistance for students	Other	Shared with external audience in addition to education authorities	Shared directly with school administrators	Shared directly with classroom teachers	Shared directly with parents	Shared directly with students	Shared directly with media					
Australia	a	2011	All programmes	Yes	2	No	No	m	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	No	No	Yes	No	
Austria	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Belgium (Fl.)	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Belgium (Fr.)	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Canada				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Chile	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Czech Republic <sup>1</sup>	a	2011	General	Yes	1; 6	Yes	Yes	3	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	
			Pre-voc. and voc.	Yes	1; 6	Yes	Yes	3	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	
Denmark	a	2011	General	Yes	1	Yes	Yes	1	Yes	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			Pre-voc. and voc.	Yes	1	Yes	Yes	1	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
England	a	2011	All programmes	Yes	1	Yes	Yes	2	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	
Estonia	a	2011	General	Yes	1	Yes	Yes	2	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			Pre-voc. and voc.	Yes	1	Yes	No	2	Yes	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	
Finland	a	2011	General	Yes	1; 6	Yes	Yes	2	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	
			Pre-voc. and voc.	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
France	a	2011	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	
Germany	a	2011	General	Yes	2	No	Yes	1	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	
			Pre-voc. and voc.	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Greece	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Hungary	a	2011	General	Yes	1	Yes	Yes	2	Yes	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			Pre-voc. and voc.	Yes	1	Yes	Yes	2	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Iceland	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Ireland	a	2011	All programmes	Yes	1	Yes	Yes	2	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	No	Yes	Yes	No	
Israel	a	2011	All programmes	Yes	1; 6	Yes	No	2	Yes	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	
Italy	a	2011	All programmes	Yes	1; 6	No	Yes	1	Yes	No	Yes	No	No	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	No	
Japan	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Korea	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Luxembourg	a	2011	All programmes	Yes	1	Yes	Yes	2	Yes	Yes	Yes	a	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Mexico	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Netherlands	a	2011	General	Yes	1; 6	Yes	Yes	1	Yes	No	Yes	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	
			Pre-voc. and voc.	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
New Zealand				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Norway	a	2011	General	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	
			Pre-voc. and voc.	Yes	1; 3	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	
Poland <sup>1</sup>	a	2011	General	Yes	1; 3	Yes	No	2	No	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			Pre-voc. and voc.	Yes	1; 3	Yes	No	2	Yes	No	Yes	Yes	No	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Portugal	a	2011	General	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			Pre-voc. and voc.	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Scotland	a	2011	General	Yes	1	Yes	No	2	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
			Pre-voc. and voc.	Yes	1	Yes	No	6	Yes	Yes	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Slovak Republic <sup>1</sup>	a	2011	General	Yes	1; 6	Yes	Yes	1	Yes	No	Yes	Yes	No	Yes	Yes	No	No	Yes	No	Yes	No	Yes	No	Yes	No	
			Pre-voc. and voc.	Yes	1; 6	Yes	Yes	3	Yes	No	Yes	Yes	No	Yes	Yes	No	No	Yes	No	Yes	No	Yes	No	Yes	No	
Slovenia				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Spain	a	2011	General	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
			Pre-voc. and voc.	Yes	2	No	No	6	No	Yes	No	No	No	No	No	No	No	No	Yes	Yes	No	Yes	Yes	Yes	No	
Sweden	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Switzerland	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Turkey	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
United States	a	2011	All programmes	Yes	2	No	Yes	2	Yes	m	No	m	m	m	m	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	

Levels of government (Column 2)

- 1: Central authority or government
- 2: State authorities or governments
- 3: Provincial/regional authorities or governments
- 4: Sub-regional or inter-municipal authorities or governments
- 5: Local authorities or governments
- 6: School, school board or committee

Percentage of students taking national examinations (Column 5)

- 1: All students
- 2: Between 76% and 99% of students
- 3: Between 51% and 75% of students
- 4: Between 26% and 50% of students
- 5: Between 11% and 25% of students
- 6: 10% or less of students


Note: Federal states or countries with highly decentralised school systems may have different regulations in states, provinces or regions.

1. Excludes ISCED 3C programmes, includes ISCED 3A vocational programmes only.

\* See notes at the beginning of this Annex.

Sources: a. Education at a Glance 2012: OECD Indicators (OECD, 2012). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

StatLink  <http://dx.doi.org/10.1787/888932957498>

[Part 2/2]

Table IV.4.23 National examinations at the upper secondary level

	Source	Year of reference	Type of programme	Existence		Level of government at which they are devised and graded		Standardised at the national level		Compulsory for students		Percentage of students taking them		Main purposes or uses										How results are shared									
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)										
				Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No								
Partners	Albania	b	2011	All programmes	Yes	1	Yes	Yes	2	Yes	No	Yes	Yes	No	Yes	a	Yes	No	Yes	No	No	No	Yes	No	No	No	No	Yes					
	Argentina				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
	Brazil	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a			
	Bulgaria	b	2011	All programmes	Yes	1	Yes	Yes	2	Yes	Yes	Yes	Yes	No	Yes	No	No	No	Yes	a	a	a	a	a	a	a	a	a	a	a			
	Colombia	b	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
	Costa Rica				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
	Croatia	b	2011	All programmes	Yes	2	Yes	No	3	Yes	No	Yes	Yes	No	Yes	No	No	a	Yes	No	No	No	Yes	a	Yes	No	No	No	Yes	Yes			
					Pre-voc. and voc.	Yes	1	Yes	Yes	1	Yes	No	Yes	Yes	No	Yes	No	Yes	a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
	Cyprus*	b	2011	General	Yes	1	Yes	Yes	1	Yes	No	Yes	Yes	No	Yes	No	Yes	a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
					Pre-voc. and voc.	Yes	1	Yes	Yes	1	Yes	No	Yes	Yes	No	Yes	No	Yes	a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Hong Kong-China	b	2011	All programmes	Yes	1	Yes	No	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No		
	Indonesia	a	2011	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
	Jordan	b	2012	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Kazakhstan				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	b	2011	All programmes	Yes	1	Yes	Yes	1	Yes	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	No		
	Liechtenstein	b	2011	All programmes	Yes	2	Yes	Yes	5	Yes	Yes	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Lithuania	b	2011	All programmes	Yes	1	Yes	Yes	1	Yes	No	Yes	Yes	Yes	No	Yes	a	Yes	a	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	No	Yes	No		
	Macao-China	b	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
	Malaysia	b	2011	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	m	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
	Montenegro	b	2011	General	Yes	1	Yes	Yes	2	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
				Pre-voc. and voc.	Yes	1	Yes	Yes	2	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Peru	b	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
Qatar	b	2011	General	Yes	2	Yes	Yes	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
				Pre-voc. and voc.	Yes	2	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Romania	b	2011	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	No	No	No	No	m	Yes	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes		
Russian Federation	a	2011	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	Yes	No	No	No	a	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No	No		
Serbia				m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Shanghai-China	b	2011	General	Yes	3	Yes	Yes	1	Yes	No	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes	No	No	No		
				Pre-voc. and voc.	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
Singapore	b	2011	All programmes	Yes	1	Yes	No	2	Yes	Yes	Yes	Yes	No	Yes	No	Yes	a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Chinese Taipei	b	2011	General	Yes	1	Yes	Yes	2	No	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
				Pre-voc. and voc.	Yes	1	Yes	Yes	2	No	No	Yes	Yes	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Thailand	b	2011	General	Yes	1	Yes	Yes	1	No	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	
				Pre-voc. and voc.	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Tunisia	b	2011	All programmes	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	a	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a
United Arab Emirates	b	2011	General	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
				Pre-voc. and voc.	Yes	1	Yes	Yes	1	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Uruguay	b	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Viet Nam	b	2011	General	Yes	1	Yes	Yes	m	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
				Pre-voc. and voc.	Yes	1	Yes	Yes	m	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Levels of government (Column 2)**

- 1: Central authority or government
- 2: State authorities or governments
- 3: Provincial/regional authorities or governments
- 4: Sub-regional or inter-municipal authorities or governments
- 5: Local authorities or governments
- 6: School, school board or committee

**Percentage of students taking national examinations (Column 5)**

- 1: All students
- 2: Between 76% and 99% of students
- 3: Between 51% and 75% of students
- 4: Between 26% and 50% of students
- 5: Between 11% and 25% of students
- 6: 10% or less of students


Note: Federal states or countries with highly decentralised school systems may have different regulations in states, provinces or regions.

1. Excludes ISCED 3C programmes, includes ISCED 3A vocational programmes only.

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

StatLink  <http://dx.doi.org/10.1787/888932957498>









[Part 1/2]

Table IV.4.25 Other (non-national) standardised examinations administered in multiple upper secondary schools

OECD	Country	Source	Year of reference	Type of programme	Main purposes or uses											How results are shared							
					Existence	Level of government at which they are devised and graded	Compulsory for students	Percentage of students taking them	Student certification/graduation/grade completion	Student promotion/entry to higher grade	Student entry to tertiary education	Student access to selective tertiary institutions	Student selection for programme/course/tracks at the upper secondary level	Student selection for programme/faculty/discipline/field/specialisation at tertiary level	Student expulsion from school	Decisions about scholarships/financial assistance for students	Other	Shared with external audience in addition to education authorities	Shared directly with school administrators	Shared directly with classroom teachers	Shared directly with parents	Shared directly with students	Shared directly with media
					(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Australia	a	2011	All programmes	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Austria	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Belgium (Fl.)	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Belgium (Fr.)	a	2011	All programmes	Yes	2	No	3	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Canada			All programmes	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Chile	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Czech Republic <sup>1</sup>	a	2011	General	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
			Pre-voc. and voc.	Yes	1; 6	Yes	4	Yes	Yes	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Denmark	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
England	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Estonia	a	2011	General	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
			Pre-voc. and voc.	Yes	7	No	3	Yes	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Finland	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
France	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Germany	a	2011	General	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
			Pre-voc. and voc.	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Greece	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Hungary	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Iceland	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Ireland	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Israel	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Italy	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Japan	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Korea	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Luxembourg	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Mexico	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Netherlands	a	2011	General	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
			Pre-voc. and voc.	Yes	6; 1	Yes	1	Yes	a	Yes	No	No	Yes	No	No	No	No	a	a	a	a	a	a
New Zealand	a	2011	All programmes	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Norway	a	2011	General	Yes	3	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes	
			Pre-voc. and voc.	Yes	3	Yes	1	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	Yes	
Poland	a	2011	General	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
			Pre-voc. and voc.	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Portugal	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Scotland	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Slovak Republic	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Slovenia	a	2011	All programmes	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Spain	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Sweden	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Switzerland	a	2011	All programmes	Yes	1; 2; 5; 6; 7	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Turkey	a	2011	All programmes	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
United States	a	2011	All programmes	Yes	m	m	m	Yes	m	m	m	m	m	m	No	No	Yes	No	a	a	a	a	a

**Levels of government (Column 2)**

- 1: Central authority or government
- 2: State authorities or governments
- 3: Provincial/regional authorities or governments
- 4: Sub-regional or inter-municipal authorities or governments
- 5: Local authorities or governments
- 6: School, school board or committee
- 7: Private company

Note: Federal states or countries with highly decentralised school systems may have different regulations in states, provinces or regions.

1. Includes ISCED 3C programmes only.

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

StatLink <http://dx.doi.org/10.1787/888932957498>

**Percentage of students taking non-national examinations (Column 4)**

- 1: All students
- 2: Between 76% and 99% of students
- 3: Between 51% and 75% of students
- 4: Between 26% and 50% of students
- 5: Between 11% and 25% of students
- 6: 10% or less of students





[Part 1/2]

**Entrance examinations to enter the first stage of tertiary education**

Entrance examinations that are not administered by upper secondary schools to access tertiary-type A and tertiary-type B programmes

Table IV.4.26

OECD	Source	Year of reference	Existence of tertiary entrance examinations (not administered by secondary schools)			Level of government at which they are devised and graded	Standardised/comparable	Compulsory for students to gain access to tertiary-type A and B programmes	Percentage of students taking them	Main purposes or uses						How results are shared							
			(1)	(2)	(3)					(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
			Only available route into tertiary education	Only available route into some fields of study	Student access to selective tertiary institutions					Student access to programme/faculty/discipline/field/specialisation	Decisions about scholarships/financial assistance for students	Other	Shared with external audience in addition to education authorities	Shared directly with school administrators	Shared directly with classroom teachers	Shared directly with parents	Shared directly with students	Shared directly with media					
Australia	a	2011	3	1	Yes	No	m	No	Yes	No	Yes	No	No	Yes	Yes	No	No	Yes	No				
Austria	a	2011	3	6	No	No	5	No	Yes	Yes	Yes	No	No	No	a	a	a	a	a				
Belgium (Fl.)	a	2011	3	2; 6	Yes	No	m	No	Yes	No	Yes	No	No	Yes	No	No	No	Yes	No				
Belgium (Fr.)	a	2011	3	6	No	No	6	No	Yes	No	Yes	No	No	Yes	No	No	No	Yes	No				
Canada			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
Chile	a	2011	1	6	Yes	Yes	2	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes				
Czech Republic	a	2011	2	6	No	No	m	No	No	No	Yes	No	No	Yes	No	No	No	Yes	No				
Denmark	a	2011	3	6	No	No	6	No	Yes	No	No	No	No	No	a	a	a	a	a				
England	a	2011	3	6	No	No	6	No	No	No	Yes	No	No	Yes	No	No	No	Yes	No				
Estonia	a	2011	2	6	No	No	m	No	No	Yes	No	No	No	Yes	m	m	m	Yes	m				
Finland	a	2011	2	6	No	No	2	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	No				
France	a	2011	3	6	No	No	6	No	Yes	Yes	Yes	No	No	Yes	No	No	No	Yes	No				
Germany	a	2011	3	6	No	No	m	No	Yes	Yes	Yes	No	No	Yes	No	No	No	Yes	No				
Greece	a	2011	1	1	Yes	Yes	2	No	Yes	No	No	Yes	No	Yes	Yes	No	No	Yes	No				
Hungary	a	2011	3	6	No	No	6	No	Yes	No	No	No	No	Yes	No	No	No	Yes	No				
Iceland	a	2011	4	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a				
Ireland	a	2011	3	6	Yes	No	6	No	Yes	No	Yes	No	m	Yes	Yes	No	No	Yes	No				
Israel	a	2011	2	6	Yes	Yes <sup>1</sup>	2	No	Yes	Yes	Yes	Yes	No	Yes	No	No	No	Yes	No				
Italy	a	2011	2	1; 6	No	Yes	2	Yes	Yes	No	Yes	No	No	Yes	No	No	No	Yes	No				
Japan	a	2011	1	6	No	Yes	3	Yes	Yes	Yes	Yes	m	m	Yes	No	No	No	Yes	No				
Korea	a	2011	1	1	Yes	No	2	No	No	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes	No				
Luxembourg	a	2011	3	6	No	Yes	6	No	Yes	No	Yes	No	No	Yes	Yes	No	No	Yes	No				
Mexico	a	2011	1	6	No	Yes	m	No	No	Yes	Yes	No	No	No	a	a	a	a	a				
Netherlands	a	2011	4	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a				
New Zealand			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
Norway	a	2011	3	6	No	No	6	No	Yes	No	Yes	No	No	Yes	No	No	No	Yes	No				
Poland	a	2011	3	6	No	No	6	No	Yes	No	Yes	No	m	Yes	No	No	No	Yes	No				
Portugal	a	2011	4	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a				
Scotland	a	2011	3	6	No	No	m	No	No	No	Yes	No	No	m	m	m	m	m	m				
Slovak Republic	a	2011	3	6	No	No	m	No	Yes	Yes	Yes	No	No	Yes	No	No	No	Yes	No				
Slovenia			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
Spain	a	2011	2	2	Yes	Yes <sup>2</sup>	3	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes				
Sweden	a	2011	1	1	Yes	No	m	No	No	No	Yes	No	m	Yes	No	No	No	Yes	No				
Switzerland	a	2011	3	2; 6	No	No	m	m	m	m	m	m	m	m	m	m	m	m	m				
Turkey	a	2011	1	1	Yes	Yes	3	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes				
United States	a	2011	2	7	Yes	No	4	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes				

Existence of tertiary entrance examinations (Column 1)

- 1: Yes, for all fields of study
- 2: Yes, for most (more than half) fields of study
- 3: Yes, for some fields of study
- 4: No

Levels of government (Column 2)

- 1: Central authority or government
- 2: State authorities or governments
- 3: Provincial/regional authorities or governments
- 4: Sub-regional or inter-municipal authorities or governments
- 5: Local authorities or governments
- 6: Individual tertiary institute or consortium of tertiary institutes
- 7: Private company

Notes: Federal states or countries with highly decentralised school systems may have different regulations in states, provinces or regions.

Tertiary-type A programmes refer to university-level education (ISCED 5A) and tertiary-type B programmes refer to vocationally oriented tertiary education (ISCED 5B).


1. Except to access ISCED 5B tertiary programmes.

2. Except to access ISCED 5B tertiary programmes after completion of general upper secondary education.

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

StatLink  <http://dx.doi.org/10.1787/888932957498>







[Part 1/2]

**Factors, criteria or special circumstances used by tertiary institutions to determine admission***Factors, criteria or special circumstances (other than examinations) used by tertiary institutions to determine access to tertiary-type A and tertiary-type B programmes*

Table IV.4.27

	Source	Year of reference	Existence of additional criteria or special circumstances for entry into tertiary education		Grade point average from secondary schools		Ethnicity of applicant		Family income of applicant		Previous work experience		Past service or volunteer work		Recommendations		Applicant letter or written rationale to justify admission		Other	
					Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
<b>OECD</b>																				
Australia	a	2011	Yes	No	a	Yes	m	Yes	m	Yes	m	m	m	m	m	Yes	m	Yes	m	
Austria	a	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
Belgium (Fl.)	a	2011	Yes	No	a	No	a	No	a	No	a	No	a	No	a	No	a	Yes	4	
Belgium (Fr.)	a	2011	Yes	No	a	No	a	No	a	No	a	No	a	a	a	No	a	Yes	4	
Canada			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Chile	a	2011	Yes	Yes	3	No	a	No	a	No	a	No	a	No	a	No	a	Yes	3	
Czech Republic	a	2011	Yes	Yes	m	No	a	No	a	No	a	No	a	No	a	No	a	Yes	m	
Denmark	a	2011	Yes	Yes	4	No	a	No	a	Yes	3	Yes	2	No	a	Yes	3	m	m	
England	a	2011	Yes	a	a	No	a	No	a	Yes	2	Yes	2	Yes	4	Yes	4	Yes	4	
Estonia	a	2011	Yes	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Finland	a	2011	Yes	Yes	m	No	a	No	a	Yes	m	Yes	m	No	a	Yes	m	Yes	m	
France	a	2011	Yes	Yes	4	No	a	Yes	3	Yes	3	No	a	No	a	Yes	3	Yes	3	
Germany	a	2011	Yes	Yes	m	Yes	m	No	a	Yes	m	Yes	m	Yes	m	Yes	m	No	a	
Greece	a	2011	Yes	No	a	No	a	No	a	No	a	No	a	No	a	No	a	Yes	2	
Hungary	a	2011	Yes	Yes	4	No	a	Yes	2	No	a	No	a	No	a	No	a	Yes	2	
Iceland	a	2011	Yes	a	a	No	a	No	a	No	a	No	a	No	a	No	a	Yes	4	
Ireland	a	2011	Yes	No	a	No	a	Yes	m	Yes	m	No	a	No	a	No	a	No	a	
Israel	a	2011	Yes	Yes	4	Yes	4	Yes	m	Yes	m	Yes	m	Yes	3	No	a	Yes	m	
Italy	a	2011	Yes	Yes	2	Yes	m	No	a	No	a	No	a	No	a	No	a	No	a	
Japan	a	2011	Yes	Yes	m	No	a	No	a	m	m	m	m	m	m	Yes	4	m	m	
Korea	a	2011	Yes	Yes	4	No	a	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	Yes	2	
Luxembourg	a	2011	Yes	Yes	3	No	a	No	a	No	a	No	a	No	a	No	a	Yes	4	
Mexico	a	2011	Yes	Yes	4	No	a	Yes	3	No	a	No	a	No	a	No	a	Yes	3	
Netherlands	a	2011	Yes	Yes	2	No	a	No	a	No	a	No	a	No	a	No	a	Yes	2	
New Zealand			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Norway	a	2011	Yes	Yes	4	Yes	2	No	a	Yes	2	Yes	2	No	a	No	a	Yes	3	
Poland	a	2011	Yes	Yes	4	No	a	No	a	No	a	No	a	No	a	No	a	Yes	3	
Portugal	a	2011	Yes	Yes	4	No	a	No	a	No	a	No	a	No	a	No	a	Yes	4	
Scotland	a	2011	Yes	a	a	No	a	No	a	Yes	m	Yes	m	Yes	m	Yes	2	Yes	4	
Slovak Republic	a	2011	Yes	Yes	m	No	a	No	a	Yes	m	m	m	m	m	m	m	m	m	
Slovenia			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Spain	a	2011	Yes	Yes	4	No	a	No	a	No	a	No	a	No	a	No	a	No	a	
Sweden	a	2011	Yes	Yes	4	No	a	No	a	Yes	2	Yes	2	No	a	Yes	2	Yes	m	
Switzerland			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Turkey	a	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
United States	a	2011	Yes	Yes	3	No	a	No	a	Yes	2	Yes	2	Yes	2	Yes	3	Yes	3	

Levels of importance (Columns 3, 5, 7, 9, 11, 13, 15 and 17)

- 1: No importance
- 2: Low level of importance
- 3: Moderate level of importance
- 4: High level of importance


Notes: Federal states or countries with highly decentralised school systems may have different regulations in states, provinces or regions.

Tertiary-type A programmes refer to university-level education (ISCED 5A) and tertiary-type B programmes refer to vocationally oriented tertiary education (ISCED 5B).

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

StatLink  <http://dx.doi.org/10.1787/888932957498>

[Part 2/2]

**Factors, criteria or special circumstances used by tertiary institutions to determine admission***Factors, criteria or special circumstances (other than examinations) used by tertiary institutions to determine access to tertiary-type A and tertiary-type B programmes*

Table IV.4.27

	Source	Year of reference	Existence of additional criteria or special circumstances for entry into tertiary education	Grade point average from secondary schools		Ethnicity of applicant		Family income of applicant		Previous work experience		Past service or volunteer work		Recommendations		Applicant letter or written rationale to justify admission		Other			
				Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance	Factor used	Level of importance
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
<i>Partners</i>																					
Albania	b	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
Argentina			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Brazil	a	2011	Yes	No	a	Yes	3	Yes	4	No	a	No	a	No	a	No	a	Yes	m		
Bulgaria	b	2011	Yes	Yes	4	No	a	No	a	No	a	No	a	No	a	No	a	No	a		
Colombia	b	2011	Yes	No	a	Yes	3	m	a	No	a	No	a	No	a	Yes	3	Yes	4		
Costa Rica			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
Croatia	b	2011	Yes	Yes	4	No	a	No	a	No	a	No	a	No	a	No	a	a	a		
Cyprus*	b	2011	Yes	Yes	4	No	a	Yes	4	No	a	No	a	No	a	No	a	No	a		
Hong Kong-China	b	2011	Yes	No	a	No	a	No	a	No	a	No	a	Yes	3	Yes	2	Yes	3		
Indonesia	a	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
Jordan	b	2011	Yes	Yes	4	Yes	4	No	1	No	a	No	a	No	a	No	a	No	a		
Kazakhstan			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
Latvia	b	2011	Yes	Yes	4	No	a	No	a	No	a	No	a	No	a	Yes	3	No	a		
Liechtenstein	b	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
Lithuania	b	2011	Yes	Yes	2	No	a	No	a	Yes	2	Yes	2	No	a	No	a	No	a		
Macao-China	b	2011	Yes	Yes	4	Yes	4	No	a	No	a	Yes	3	Yes	3	Yes	2	No	a		
Malaysia	b	2011	Yes	No	a	No	a	Yes	3	Yes	3	Yes	3	No	a	No	a	Yes	3		
Montenegro	b	2011	Yes	Yes	3	No	1	No	1	Yes	4	No	1	Yes	2	Yes	2	No	a		
Peru	b	2011	Yes	Yes	3	No	a	No	a	Yes	3	Yes	3	Yes	3	No	a	No	a		
Qatar	b	2011	Yes	Yes	4	No	a	Yes	3	No	a	Yes	2	Yes	3	Yes	2	No	a		
Romania	b	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
Russian Federation	a	2011	Yes	No	a	No	a	No	a	No	a	No	a	No	a	No	a	Yes	4		
Serbia			m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
Shanghai-China	b	2011	Yes	Yes	2	Yes	3	No	a	No	a	Yes	1	Yes	3	Yes	1	Yes	4		
Singapore	b	2011	Yes	No	a	No	a	No	a	No	a	Yes	2	Yes	2	Yes	2	Yes	4		
Chinese Taipei	b	2011	Yes	No	a	No	a	No	a	No	a	No	a	No	a	No	a	Yes	2		
Thailand	b	2011	Yes	Yes	2	No	a	No	a	No	a	No	a	No	a	No	a	No	a		
Tunisia	b	2011	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		
United Arab Emirates	b	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
Uruguay	b	2011	No	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
Viet Nam	b	2011	Yes	Yes	4	Yes	2	No	a	No	a	No	a	No	a	No	a	No	a		

Levels of importance (Columns 3, 5, 7, 9, 11, 13, 15 and 17)

- 1: No importance
- 2: Low level of importance
- 3: Moderate level of importance
- 4: High level of importance


Notes: Federal states or countries with highly decentralised school systems may have different regulations in states, provinces or regions.

Tertiary-type A programmes refer to university-level education (ISCED 5A) and tertiary-type B programmes refer to vocationally oriented tertiary education (ISCED 5B).

\* See notes at the beginning of this Annex.

Sources: a. *Education at a Glance 2012: OECD Indicators* (OECD, 2012). For further notes, see Annex 3, available on line: [www.oecd.org/edu/eag2012](http://www.oecd.org/edu/eag2012).

b. PISA system-level data collection in 2013.

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[Part 1/2]  
Assessment practices

Table IV.4.30 Results based on school principals' reports

		Percentage of students in schools whose principal reported that assessments of students in the national modal grade for 15-year-olds are used															
		To inform parents about their child's progress		To make decisions about students' retention or promotion		To group students for instructional purposes		To compare the school to district or national performance		To monitor the school's progress from year to year		To make judgements about teachers' effectiveness		To identify aspects of instruction or of the curriculum that could be improved		To compare the school with other schools	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	100.0	(0.0)	62.8	(1.8)	83.5	(1.3)	56.4	(1.9)	87.6	(1.3)	49.8	(1.8)	90.9	(1.1)	44.3	(2.0)
	Austria	95.5	(1.7)	94.2	(1.7)	30.5	(2.4)	28.5	(4.0)	62.6	(4.2)	39.1	(4.1)	69.6	(3.6)	30.0	(4.1)
	Belgium	96.6	(1.3)	96.2	(1.3)	17.2	(2.3)	23.3	(2.6)	59.8	(3.2)	35.2	(3.0)	73.1	(3.0)	18.3	(2.3)
	Canada	99.7	(0.2)	95.0	(1.2)	74.1	(2.1)	82.3	(1.5)	92.3	(1.0)	30.2	(1.9)	86.6	(1.5)	62.0	(2.3)
	Chile	100.0	c	88.9	(2.5)	43.6	(4.1)	53.7	(4.1)	93.6	(1.8)	61.3	(3.5)	91.7	(2.0)	38.5	(4.2)
	Czech Republic	93.1	(1.7)	79.4	(2.9)	32.8	(3.3)	58.2	(3.2)	86.2	(2.7)	62.8	(3.4)	86.3	(2.7)	63.1	(3.2)
	Denmark	99.2	(0.4)	10.3	(1.9)	52.3	(3.4)	54.9	(3.5)	56.8	(3.3)	27.1	(3.1)	84.7	(2.4)	55.9	(3.5)
	Estonia	99.5	(0.5)	82.0	(2.4)	20.7	(2.6)	64.7	(2.8)	78.0	(2.4)	65.5	(3.0)	83.1	(2.2)	58.9	(2.8)
	Finland	98.7	(0.3)	93.3	(1.6)	17.0	(2.5)	45.8	(3.4)	59.5	(3.5)	15.5	(2.2)	60.5	(3.6)	21.1	(2.7)
	France	97.2	(1.1)	96.4	(1.3)	42.7	(3.4)	62.2	(2.9)	73.2	(3.1)	22.6	(3.0)	50.4	(3.5)	40.6	(3.4)
	Germany	95.9	(1.5)	95.8	(1.5)	39.5	(3.2)	43.4	(3.3)	57.2	(3.7)	24.2	(3.2)	60.8	(3.6)	27.7	(3.1)
	Greece	100.0	c	98.2	(1.0)	8.1	(2.4)	17.0	(2.4)	55.9	(3.6)	14.0	(2.4)	49.4	(3.6)	21.9	(2.8)
	Hungary	93.9	(1.8)	69.2	(3.7)	47.1	(3.6)	78.5	(3.3)	92.6	(2.0)	57.8	(3.9)	77.4	(3.0)	71.3	(3.9)
	Iceland	100.0	c	15.0	(0.2)	42.4	(0.3)	77.1	(0.2)	89.2	(0.1)	39.1	(0.2)	92.8	(0.1)	73.2	(0.2)
	Ireland	100.0	c	62.0	(4.0)	81.4	(2.9)	77.3	(3.3)	86.4	(2.7)	46.5	(4.1)	68.4	(3.9)	35.2	(4.0)
	Israel	100.0	c	81.5	(2.9)	97.2	(1.3)	65.5	(3.4)	95.3	(1.7)	81.7	(3.2)	91.7	(2.4)	53.7	(4.1)
	Italy	99.3	(0.4)	86.6	(1.8)	53.4	(2.0)	65.1	(2.2)	82.0	(1.6)	29.6	(1.9)	91.7	(1.2)	36.6	(2.1)
	Japan	99.2	(0.6)	90.4	(2.1)	45.3	(3.5)	17.3	(2.5)	51.6	(3.5)	75.7	(3.0)	79.2	(2.9)	14.9	(2.6)
	Korea	94.7	(1.9)	56.3	(4.2)	85.6	(2.8)	70.2	(3.6)	89.9	(2.6)	85.3	(3.0)	96.3	(1.6)	66.8	(3.8)
	Luxembourg	95.4	(0.0)	94.2	(0.1)	41.2	(0.1)	74.2	(0.1)	72.3	(0.1)	22.3	(0.1)	73.8	(0.1)	39.8	(0.1)
	Mexico	99.0	(0.3)	91.5	(1.2)	72.8	(1.7)	77.1	(1.5)	92.3	(1.0)	76.7	(1.3)	88.4	(1.2)	70.6	(1.6)
	Netherlands	99.3	(0.9)	97.7	(1.1)	61.0	(3.7)	69.7	(4.1)	88.8	(2.7)	68.4	(3.9)	78.1	(3.5)	64.1	(4.2)
	New Zealand	100.0	c	76.7	(3.3)	93.6	(2.1)	92.8	(2.7)	100.0	c	67.7	(3.8)	99.4	(0.5)	87.5	(3.4)
	Norway	98.3	(1.0)	1.5	(0.9)	47.9	(3.3)	68.2	(3.0)	83.8	(2.7)	30.2	(3.3)	73.8	(3.2)	51.9	(3.3)
	Poland	99.2	(0.7)	97.7	(1.2)	55.0	(3.8)	58.2	(3.6)	96.3	(1.5)	78.9	(3.0)	95.4	(1.7)	59.4	(3.9)
	Portugal	100.0	c	98.2	(1.1)	40.3	(4.6)	85.0	(3.5)	95.9	(1.6)	50.5	(3.6)	93.5	(2.1)	63.2	(4.2)
	Slovak Republic	100.0	c	93.4	(1.4)	38.2	(3.4)	64.2	(3.5)	70.7	(3.9)	69.0	(3.3)	83.0	(2.6)	69.3	(3.3)
	Slovenia	98.0	(0.1)	92.7	(0.3)	26.2	(0.9)	58.7	(0.6)	91.5	(0.3)	38.2	(0.9)	72.1	(0.6)	46.9	(0.6)
	Spain	99.5	(0.4)	94.6	(0.9)	47.2	(3.3)	44.0	(2.5)	88.5	(1.8)	50.1	(2.8)	93.7	(1.2)	36.9	(2.4)
	Sweden	93.9	(1.8)	43.0	(4.0)	25.2	(3.3)	89.8	(2.3)	96.2	(1.4)	43.6	(3.6)	83.9	(2.6)	84.9	(2.8)
	Switzerland	93.7	(1.8)	85.7	(2.4)	40.1	(3.1)	41.1	(3.2)	48.0	(3.4)	36.4	(3.8)	50.7	(3.7)	27.5	(3.6)
Turkey	97.1	(1.5)	55.3	(4.1)	44.1	(4.0)	74.9	(3.7)	92.6	(1.9)	70.8	(3.7)	68.5	(3.6)	84.9	(2.9)	
United Kingdom	99.4	(0.7)	68.9	(3.5)	96.3	(0.9)	96.0	(1.3)	99.7	(0.2)	88.2	(2.1)	96.2	(1.4)	90.3	(2.2)	
United States	98.7	(1.0)	56.8	(4.2)	74.3	(3.7)	93.6	(2.6)	95.2	(2.0)	59.9	(4.2)	94.1	(1.6)	86.3	(2.9)	
OECD average	98.1	(0.2)	76.5	(0.4)	50.5	(0.5)	62.6	(0.5)	81.2	(0.4)	50.4	(0.5)	80.3	(0.4)	52.9	(0.5)	
Partners	Albania	99.3	(0.6)	77.5	(2.8)	73.9	(3.3)	76.7	(3.5)	91.0	(2.3)	86.8	(3.1)	87.4	(2.8)	78.1	(3.3)
	Argentina	91.0	(2.5)	87.2	(2.7)	24.3	(3.1)	22.3	(3.4)	73.9	(3.6)	50.7	(3.7)	94.0	(1.4)	7.2	(2.2)
	Brazil	97.0	(0.9)	91.2	(1.6)	47.0	(2.4)	83.2	(1.9)	97.0	(0.8)	79.9	(2.0)	88.7	(1.5)	56.4	(2.5)
	Bulgaria	99.1	(0.7)	65.1	(3.8)	39.3	(3.6)	86.1	(2.9)	94.9	(1.8)	93.2	(2.0)	71.8	(3.6)	85.4	(2.9)
	Colombia	99.5	(0.6)	92.9	(2.1)	43.6	(3.9)	68.1	(4.0)	94.0	(1.8)	59.6	(3.9)	95.1	(1.8)	63.7	(3.8)
	Costa Rica	97.6	(0.9)	91.1	(2.1)	37.1	(3.5)	65.1	(3.5)	86.1	(2.4)	71.2	(3.7)	84.7	(3.0)	50.3	(3.7)
	Croatia	100.0	c	88.3	(2.4)	51.5	(4.4)	65.7	(3.9)	94.6	(1.7)	55.9	(3.8)	84.5	(3.0)	62.2	(3.9)
	Cyprus*	100.0	c	98.8	(0.0)	28.0	(0.1)	15.4	(0.1)	66.7	(0.1)	38.1	(0.1)	61.9	(0.1)	14.3	(0.1)
	Hong Kong-China	98.1	(1.1)	98.1	(1.1)	86.4	(2.9)	44.1	(4.7)	96.1	(1.7)	80.0	(3.5)	99.4	(0.6)	30.5	(3.7)
	Indonesia	97.1	(1.7)	92.8	(2.1)	79.6	(3.2)	69.0	(4.3)	98.1	(1.3)	95.8	(2.1)	97.1	(1.6)	86.9	(2.9)
	Jordan	97.3	(1.4)	92.1	(2.1)	80.7	(2.9)	70.2	(3.0)	85.4	(2.4)	72.3	(3.4)	88.8	(2.4)	55.3	(3.6)
	Kazakhstan	99.8	(0.2)	95.3	(1.6)	65.5	(3.8)	91.8	(2.3)	99.8	(0.2)	100.0	c	98.8	(0.8)	90.6	(2.1)
	Latvia	100.0	c	96.9	(1.2)	38.1	(3.5)	92.5	(1.6)	99.8	(0.2)	92.5	(1.8)	99.6	(0.5)	85.5	(2.3)
	Liechtenstein	100.0	c	71.8	(1.4)	49.1	(1.2)	68.1	(1.4)	66.8	(1.0)	20.2	(1.2)	69.5	(1.5)	59.4	(0.8)
	Lithuania	99.5	(0.6)	84.6	(2.6)	53.1	(3.5)	61.4	(3.4)	94.1	(1.8)	73.9	(3.0)	82.1	(2.6)	59.7	(3.2)
	Macao-China	99.4	(0.0)	94.9	(0.0)	65.2	(0.1)	31.9	(0.0)	86.7	(0.1)	75.3	(0.1)	96.5	(0.0)	21.4	(0.0)
	Malaysia	98.8	(0.9)	52.8	(3.7)	87.2	(2.7)	80.8	(3.0)	97.7	(1.0)	92.0	(2.2)	96.7	(1.5)	67.3	(3.6)
	Montenegro	97.3	(0.0)	81.0	(0.1)	38.9	(0.2)	78.6	(0.1)	96.3	(0.0)	91.5	(0.1)	89.3	(0.1)	64.9	(0.1)
	Peru	97.8	(1.1)	88.2	(2.0)	45.0	(3.4)	40.9	(3.4)	84.5	(2.7)	77.9	(2.8)	93.1	(2.0)	37.6	(3.9)
	Qatar	96.9	(0.0)	87.7	(0.1)	86.4	(0.1)	82.6	(0.1)	96.1	(0.0)	87.0	(0.1)	97.4	(0.0)	81.0	(0.1)
	Romania	77.2	(2.8)	70.3	(3.7)	57.4	(3.8)	67.6	(3.8)	72.4	(3.5)	74.8	(3.2)	76.5	(3.0)	69.1	(3.9)
	Russian Federation	99.4	(0.6)	94.4	(1.9)	56.7	(4.4)	93.2	(1.5)	99.7	(0.3)	99.2	(0.7)	99.2	(0.8)	97.8	(1.0)
	Serbia	98.5	(1.1)	83.8	(3.2)	35.5	(4.3)	34.2	(4.0)	95.5	(1.8)	57.3	(4.4)	86.0	(2.9)	57.1	(4.1)
	Shanghai-China	98.0	(1.0)	50.9	(3.4)	55.0	(4.0)	50.1	(4.2)	87.5	(2.5)	86.4	(2.7)	95.8	(1.6)	56.7	(3.9)
	Singapore	100.0	c	88.4	(0.1)	96.0	(0.0)	95.5	(0.8)	99.4	(0.6)	87.7	(0.8)	98.2	(0.0)	88.2	(0.6)
	Chinese Taipei	95.6	(1.7)	45.4	(3.2)	35.0	(3.9)	36.6	(3.9)	78.2	(3.4)	47.9	(3.6)	94.2	(1.7)	41.7	(3.8)
	Thailand	99.5	(0.5)	86.1	(2.8)	79.4	(2.9)	85.2	(2.1)	97.3	(1.2)	91.0	(2.1)	95.8	(1.5)	75.6	(3.3)
Tunisia	80.0	(3.4)	95.4	(1.9)	51.6	(4.4)	70.7	(4.0)	89.1	(2.6)	67.1	(4.1)	55.9	(4.3)	69.1	(4.4)	
United Arab Emirates	100.0	(0.0)	90.5	(1.5)	87.2	(2.0)	77.1	(2.6)	96.4	(1.4)	94.3	(1.1)	97.1	(0.7)	72.3	(2.7)	
Uruguay	95.0	(1.6)	92.1	(1.7)	25.2	(3.3)	16.5	(2.8)	87.5	(2.3)	31.2	(3.6)	86.3	(2.5)	12.2	(2.3)	
Viet Nam	99.3	(0.7)	95.5	(1.6)	74.2	(3.6)	88.7	(2.7)	98.3	(1.0)	99.2	(0.7)	91.2	(2.2)	87.5	(2.7)	

\* See notes at the beginning of this Annex.  
StatLink <http://dx.doi.org/10.1787/888932957498>






[Part 1/1]  
**Use of achievement data for accountability purposes**  
*Results based on school principals' reports*

Table IV.4.31

	Percentage of students in schools that use achievement data in the following ways:			
	Posted publicly		Tracked over time by an administrative authority	
	%	S.E.	%	S.E.
<b>OECD</b>				
Australia	69.0	(2.0)	91.7	(0.9)
Austria	5.7	(1.9)	58.8	(3.8)
Belgium	3.1	(1.1)	51.3	(2.7)
Canada	61.0	(2.3)	92.7	(0.8)
Chile	64.5	(3.6)	84.9	(3.0)
Czech Republic	44.1	(2.8)	57.5	(2.9)
Denmark	39.7	(3.6)	69.9	(3.2)
Estonia	34.8	(2.8)	78.2	(2.0)
Finland	1.6	(0.8)	47.6	(3.4)
France	45.9	(3.8)	75.2	(3.0)
Germany	10.4	(2.2)	36.3	(3.3)
Greece	27.0	(3.4)	57.2	(4.8)
Hungary	48.0	(3.8)	57.7	(4.0)
Iceland	31.4	(0.2)	78.2	(0.2)
Ireland	20.2	(3.0)	48.4	(4.0)
Israel	48.0	(3.9)	92.7	(2.0)
Italy	40.4	(2.1)	30.0	(2.0)
Japan	5.5	(1.5)	7.0	(1.7)
Korea	71.0	(3.2)	89.9	(2.6)
Luxembourg	14.0	(0.0)	68.2	(0.1)
Mexico	43.5	(1.6)	92.7	(0.9)
Netherlands	90.5	(2.4)	82.1	(3.2)
New Zealand	80.3	(3.4)	95.4	(1.8)
Norway	53.6	(3.8)	84.2	(2.6)
Poland	47.8	(3.8)	78.1	(3.2)
Portugal	52.4	(4.1)	88.7	(2.6)
Slovak Republic	77.1	(2.7)	80.6	(2.9)
Slovenia	52.9	(0.7)	63.4	(0.7)
Spain	12.8	(1.7)	81.0	(2.1)
Sweden	80.4	(2.8)	w	w
Switzerland	5.8	(2.0)	52.8	(3.3)
Turkey	67.0	(3.5)	95.5	(1.7)
United Kingdom	87.1	(2.2)	89.9	(2.0)
United States	92.0	(1.8)	98.4	(0.7)
OECD average	45.0	(0.5)	72.1	(0.4)
<b>Partners</b>				
Albania	24.6	(3.0)	86.5	(2.6)
Argentina	8.0	(1.9)	75.5	(2.8)
Brazil	40.9	(2.7)	92.3	(1.1)
Bulgaria	55.4	(3.5)	89.2	(2.5)
Colombia	51.2	(4.1)	83.8	(3.3)
Costa Rica	12.2	(2.3)	96.1	(1.5)
Croatia	25.3	(3.4)	87.5	(2.6)
Cyprus*	16.7	(0.1)	79.9	(0.1)
Hong Kong-China	32.7	(3.8)	66.3	(4.5)
Indonesia	21.3	(3.7)	63.7	(3.6)
Jordan	20.4	(3.3)	84.4	(2.5)
Kazakhstan	79.9	(2.9)	100.0	c
Latvia	32.5	(3.0)	57.7	(3.8)
Liechtenstein	34.1	(0.4)	50.9	(0.8)
Lithuania	31.8	(3.4)	75.6	(2.8)
Macao-China	8.3	(0.0)	54.0	(0.0)
Malaysia	35.1	(3.5)	96.9	(1.4)
Montenegro	79.9	(0.1)	93.6	(0.1)
Peru	10.4	(2.2)	62.9	(3.3)
Qatar	48.4	(0.1)	96.6	(0.0)
Romania	67.9	(4.0)	69.8	(3.5)
Russian Federation	77.7	(3.0)	99.5	(0.5)
Serbia	57.1	(4.3)	56.9	(4.3)
Shanghai-China	3.4	(1.2)	61.1	(4.1)
Singapore	50.8	(0.5)	98.8	(0.6)
Chinese Taipei	14.5	(2.7)	47.6	(4.0)
Thailand	76.4	(3.2)	98.1	(1.1)
Tunisia	16.9	(2.7)	76.4	(3.6)
United Arab Emirates	46.7	(2.8)	91.5	(1.9)
Uruguay	9.8	(2.2)	72.5	(3.2)
Viet Nam	75.3	(3.5)	82.0	(3.5)


\* See notes at the beginning of this Annex.  
 StatLink  <http://dx.doi.org/10.1787/888932957498>

[Part 1/1]  
**Quality assurance and school improvement**

Table IV.4.32 Results based on school principals' reports

		Percentage of students in schools whose principal reported that their schools have the following measures aimed at quality assurance and improvement:																	
		Written specification of the schools' curriculum and educational goals		Written specification of student-performance standards		Systematic recording of data, including teacher and student attendance and graduation rates, test results and professional development of teachers		Internal evaluation/self-evaluation		External evaluation		Seeking written feedback from students (e.g. regarding lessons, teachers or resources)		Teacher mentoring		Regular consultation with one or more experts over a period of at least six months with the aim of improving the school		Implementation of a standardised policy for mathematics (i.e. school curriculum with shared instructional materials accompanied by staff development and training)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	96.5	(0.6)	90.0	(1.2)	98.1	(0.4)	94.5	(0.9)	69.9	(1.7)	69.1	(1.7)	92.5	(1.0)	72.2	(1.8)	76.6	(1.7)
	Austria	76.2	(3.1)	55.9	(3.9)	75.1	(3.5)	86.5	(2.7)	20.3	(2.9)	81.0	(3.2)	88.5	(2.8)	54.9	(4.2)	61.5	(3.3)
	Belgium	82.4	(2.4)	48.4	(3.7)	76.8	(2.3)	79.5	(2.5)	69.2	(2.8)	35.6	(2.7)	72.2	(2.5)	40.1	(3.3)	42.0	(2.6)
	Canada	94.7	(0.9)	85.3	(1.7)	89.8	(1.1)	80.9	(1.7)	62.0	(2.1)	41.8	(2.4)	86.0	(1.5)	68.8	(1.5)	80.1	(1.9)
	Chile	83.4	(2.6)	76.5	(2.9)	86.8	(2.4)	89.9	(2.6)	55.3	(3.8)	49.3	(4.3)	20.9	(3.2)	40.3	(3.9)	49.5	(3.7)
	Czech Republic	98.5	(0.7)	77.1	(3.0)	84.7	(2.7)	97.9	(1.1)	62.9	(3.8)	62.6	(4.1)	95.9	(0.8)	27.3	(3.0)	90.2	(2.4)
	Denmark	65.6	(3.6)	37.8	(3.5)	80.2	(3.2)	87.6	(2.4)	58.3	(3.7)	36.6	(3.3)	51.7	(3.5)	49.7	(3.2)	23.9	(2.8)
	Estonia	92.5	(1.6)	88.3	(1.8)	95.5	(1.2)	99.4	(0.1)	77.1	(2.3)	83.4	(2.0)	79.9	(2.4)	39.2	(2.9)	88.0	(1.9)
	Finland	94.1	(1.8)	75.3	(3.3)	74.0	(2.9)	95.9	(1.1)	51.4	(3.0)	74.4	(3.0)	55.2	(3.5)	10.3	(2.0)	63.2	(2.6)
	France	71.8	(3.4)	24.7	(3.2)	74.9	(2.8)	60.8	(3.7)	51.9	(3.9)	13.3	(2.6)	17.2	(2.6)	20.7	(3.1)	43.9	(3.4)
	Germany	86.1	(2.9)	71.4	(3.3)	76.8	(3.0)	73.9	(3.0)	60.0	(3.4)	48.0	(3.3)	32.9	(3.4)	19.2	(2.6)	55.1	(3.8)
	Greece	57.2	(3.6)	38.2	(4.4)	68.5	(3.4)	32.5	(3.9)	5.7	(1.9)	28.8	(3.3)	87.0	(2.3)	76.7	(3.2)	69.9	(3.7)
	Hungary	96.4	(1.4)	90.6	(2.4)	79.9	(3.5)	96.9	(1.3)	57.4	(3.8)	80.3	(3.3)	71.5	(3.5)	17.3	(3.2)	69.4	(4.0)
	Iceland	64.5	(0.2)	84.2	(0.2)	95.0	(0.1)	99.3	(0.1)	79.4	(0.2)	54.4	(0.2)	19.3	(0.2)	46.1	(0.2)	46.6	(0.2)
	Ireland	74.7	(3.4)	48.3	(3.6)	89.4	(2.5)	82.9	(3.0)	81.8	(3.1)	23.7	(3.5)	64.3	(3.8)	52.9	(4.4)	81.4	(3.3)
	Israel	96.4	(1.5)	77.7	(3.2)	95.8	(1.2)	81.8	(3.3)	60.0	(3.4)	41.9	(3.6)	94.1	(1.7)	54.0	(3.8)	86.7	(2.7)
	Italy	98.4	(0.4)	84.5	(1.7)	52.2	(2.0)	76.1	(2.0)	34.0	(2.2)	40.3	(2.0)	77.5	(1.8)	23.0	(1.7)	56.5	(1.9)
	Japan	97.7	(1.3)	48.6	(3.2)	53.7	(3.8)	96.2	(1.5)	77.3	(3.1)	75.3	(3.3)	87.9	(2.4)	4.8	(1.5)	38.1	(3.3)
	Korea	99.4	(0.6)	95.0	(1.6)	93.7	(1.9)	97.3	(1.4)	78.6	(3.0)	84.2	(2.8)	87.8	(2.9)	59.3	(3.8)	65.0	(4.1)
	Luxembourg	64.1	(0.1)	44.7	(0.1)	70.9	(0.1)	75.5	(0.1)	40.4	(0.1)	19.4	(0.1)	64.8	(0.1)	41.7	(0.1)	59.9	(0.1)
	Mexico	93.1	(0.8)	82.5	(1.7)	94.3	(0.8)	93.9	(0.8)	74.7	(1.7)	72.6	(1.7)	53.9	(1.9)	52.3	(1.4)	67.9	(1.5)
	Netherlands	91.5	(2.5)	85.5	(2.9)	99.1	(0.8)	91.4	(2.2)	81.2	(3.3)	89.2	(2.3)	97.5	(1.2)	46.7	(4.9)	46.8	(4.5)
	New Zealand	99.5	(0.5)	88.0	(2.7)	98.1	(0.7)	99.7	(0.3)	89.0	(2.2)	95.7	(1.0)	97.2	(1.2)	63.4	(3.8)	80.8	(2.6)
	Norway	96.7	(1.3)	73.0	(3.0)	83.7	(2.8)	61.1	(3.7)	52.5	(3.9)	46.4	(3.7)	69.7	(3.7)	33.2	(3.4)	28.9	(3.4)
	Poland	67.6	(3.6)	82.8	(3.1)	99.2	(0.3)	97.4	(1.2)	78.6	(3.4)	69.6	(3.5)	86.6	(2.2)	39.4	(4.0)	81.8	(3.2)
	Portugal	92.8	(2.3)	74.0	(4.0)	96.5	(1.0)	97.6	(1.3)	85.5	(2.8)	76.9	(3.3)	77.8	(3.7)	28.9	(3.8)	74.6	(3.7)
	Slovak Republic	86.5	(2.9)	79.9	(3.4)	93.4	(1.8)	94.5	(1.5)	37.7	(3.4)	52.6	(4.0)	87.9	(2.9)	53.7	(3.8)	61.2	(3.8)
	Slovenia	93.7	(0.6)	95.3	(0.2)	86.4	(0.3)	92.2	(0.6)	32.4	(0.8)	74.9	(0.8)	67.2	(0.7)	41.0	(0.8)	67.1	(0.6)
	Spain	95.8	(1.1)	78.7	(2.1)	92.0	(1.4)	82.2	(1.7)	78.5	(2.1)	62.9	(2.0)	26.1	(1.9)	27.2	(2.4)	38.2	(3.0)
	Sweden	69.9	(3.6)	94.5	(1.7)	95.2	(1.6)	89.9	(2.6)	65.1	(3.6)	78.6	(3.0)	68.2	(3.5)	31.8	(3.3)	29.5	(3.1)
	Switzerland	69.7	(3.0)	42.9	(2.6)	63.0	(3.1)	84.3	(2.4)	62.8	(2.2)	72.1	(2.9)	71.0	(3.2)	27.5	(3.2)	53.6	(2.7)
	Turkey	89.4	(2.3)	93.7	(2.1)	96.3	(1.8)	98.6	(1.3)	79.5	(3.9)	90.8	(2.3)	86.3	(2.2)	59.7	(3.6)	74.4	(3.2)
United Kingdom	97.5	(1.0)	93.0	(1.7)	99.6	(0.2)	100.0	c	91.4	(2.0)	73.1	(3.3)	96.4	(0.9)	80.2	(2.3)	74.3	(3.1)	
United States	98.1	(0.9)	95.1	(1.8)	98.1	(1.1)	92.5	(2.3)	86.1	(3.2)	58.6	(4.8)	98.4	(1.0)	73.5	(3.8)	88.1	(3.0)	
OECD average	86.2	(0.4)	73.6	(0.5)	85.5	(0.4)	87.1	(0.4)	63.2	(0.5)	60.5	(0.5)	71.5	(0.4)	43.4	(0.5)	62.0	(0.5)	
Partners	Albania	95.7	(1.5)	96.6	(1.4)	96.9	(1.4)	94.8	(1.6)	68.2	(3.7)	69.4	(3.8)	92.0	(2.0)	68.3	(3.9)	90.7	(2.1)
	Argentina	90.8	(2.5)	65.7	(3.9)	78.6	(3.5)	83.1	(3.5)	36.3	(3.9)	42.6	(3.7)	48.3	(4.3)	43.5	(4.0)	40.1	(3.3)
	Brazil	93.5	(1.2)	74.1	(2.5)	82.6	(1.9)	95.7	(0.6)	82.1	(1.5)	69.3	(2.9)	92.7	(1.1)	50.2	(2.7)	72.4	(2.5)
	Bulgaria	93.0	(1.8)	78.6	(3.1)	98.3	(1.0)	97.9	(1.1)	95.2	(1.2)	82.0	(3.1)	69.3	(3.5)	69.6	(3.6)	52.8	(3.7)
	Colombia	96.0	(1.4)	95.3	(1.6)	88.4	(2.5)	98.0	(1.1)	82.3	(2.9)	71.2	(3.6)	67.4	(3.9)	54.6	(4.1)	49.7	(4.4)
	Costa Rica	87.4	(2.6)	80.3	(2.7)	87.2	(2.5)	85.2	(3.1)	48.4	(3.8)	55.9	(3.8)	28.0	(3.5)	48.0	(3.9)	51.4	(4.0)
	Croatia	92.9	(1.9)	68.1	(4.0)	95.1	(1.6)	91.6	(2.4)	81.3	(3.1)	60.1	(4.2)	98.4	(1.1)	57.6	(4.1)	79.3	(3.5)
	Cyprus*	97.5	(0.0)	77.6	(0.1)	94.7	(0.0)	78.3	(0.1)	75.5	(0.1)	42.7	(0.1)	94.5	(0.0)	56.4	(0.1)	93.9	(0.0)
	Hong Kong-China	98.1	(1.1)	90.7	(2.3)	100.0	c	99.9	(0.1)	91.3	(2.4)	81.1	(3.2)	91.0	(2.3)	45.1	(4.1)	85.6	(3.1)
	Indonesia	98.7	(0.8)	91.5	(1.8)	100.0	c	91.5	(2.4)	84.8	(3.2)	84.7	(2.8)	100.0	c	73.5	(3.3)	81.6	(2.9)
	Jordan	90.8	(2.2)	91.6	(1.9)	93.1	(1.9)	90.4	(2.3)	71.0	(3.2)	72.4	(3.1)	68.4	(3.8)	57.0	(3.8)	75.8	(3.3)
	Kazakhstan	97.1	(1.5)	98.6	(1.0)	100.0	c	99.0	(0.8)	94.9	(1.7)	81.5	(3.3)	97.4	(1.1)	86.8	(2.6)	92.4	(1.9)
	Latvia	96.4	(1.4)	87.7	(2.4)	99.8	(0.2)	100.0	c	84.2	(2.6)	76.5	(3.2)	71.9	(3.3)	23.5	(3.5)	51.7	(3.8)
	Liechtenstein	81.1	(0.9)	59.2	(0.7)	37.1	(1.0)	93.6	(0.4)	83.2	(0.7)	93.8	(0.6)	81.8	(0.5)	67.5	(0.9)	56.7	(0.6)
	Lithuania	72.7	(3.4)	78.6	(2.9)	98.0	(1.0)	95.0	(1.3)	56.5	(3.8)	75.2	(2.9)	53.5	(3.5)	40.2	(3.0)	30.3	(3.0)
	Macao-China	90.4	(0.0)	93.5	(0.0)	98.6	(0.0)	87.7	(0.0)	63.7	(0.1)	70.3	(0.1)	91.3	(0.0)	44.0	(0.1)	57.0	(0.1)
	Malaysia	97.4	(1.3)	100.0	c	98.8	(0.7)	98.6	(0.7)	82.7	(2.6)	70.1	(3.4)	88.7	(2.5)	82.1	(2.8)	93.2	(2.2)
	Montenegro	94.9	(0.1)	81.4	(0.1)	97.3	(0.0)	100.0	c	93.1	(0.1)	59.2	(0.2)	97.8	(0.0)	73.9	(0.1)	89.5	(0.1)
	Peru	89.1	(2.2)	66.6	(3.6)	67.3	(3.1)	86.7	(2.1)	41.6	(3.7)	66.9	(3.3)	97.5	(1.5)	41.7	(3.5)	44.4	(3.5)
	Qatar	99.7	(0.0)	97.9	(0.0)	99.5	(0.0)	99.3	(0.0)	86.8	(0.1)	89.5	(0.1)	100.0	c	90.0	(0.0)	98.0	(0.0)
	Romania	87.5	(2.6)	86.6	(2.5)	88.6	(2.4)	87.6	(2.0)	83.6	(2.8)	82.9	(2.7)	84.6	(2.9)	66.2	(3.5)	73.7	(3.3)
	Russian Federation	93.1	(2.1)	89.4	(1.8)	98.2	(0.8)	98.4	(0.7)	96.0	(1.1)	83.0	(2.8)	96.0	(1.4)	54.2	(3.5)	86.1	(2.6)
	Serbia	81.9	(3.4)	54.6	(4.0)	96.5	(1.7)	95.9	(1.5)	52.6	(4.4)	48.0	(4.3)	97.7	(1.1)	58.1	(4.6)	41.3	(4.4)
	Shanghai-China	100.0	c	86.2	(2.7)	97.5	(1.2)	100.0	c	88.4	(2.7)	91.4	(2.1)	98.5	(0.7)	93.2	(1.9)	94.1	(2.1)
	Singapore	98.9	(0.0)	97.7	(0.8)	99.4	(0.6)	100.0	c	93.4	(0.5)	87.4	(0.1)	99.7	(0.0)	63.4	(0.3)	92.1	(0.7)
	Chinese Taipei	94.1	(1.4)	87.9	(2.8)	92.3	(1.8)	83.7	(3.2)	75.3	(3.5)	62.0	(3.4)	73.2	(3.5)	32.3	(3.6)	57.3	(4.3)
	Thailand	97.6	(1.1)	93.9	(1.9)	98.4	(1.0)	100.0	c	99.3	(0.3)	80.3	(3.1)	98.2	(1.1)	88.8	(2.4)	86.1	(2.6)
Tunisia	50.2	(4.0)	33.5	(4.0)	71.4	(3.6)	91.5	(2.0)	48.7	(4.5)	29.3	(3.8)	80.3	(3.3)	21.4	(3.1)	60.6	(3.7)	
United Arab Emirates	95.4	(1.2)	95.7	(1.0)	99.0	(0.4)	97.6	(0.7)	94.0	(1.1)	77.5	(2.0)	92.0	(0.9)	73.1	(2.0)	82.0	(2.2)	
Uruguay	75.2	(3.4)	59.1	(3.5)	96.0	(1.5)	84.9	(2.3)	44.8	(3.8)	52.6	(3.9)	74.5	(2.9)	27.4	(3.3)	29.3	(3.4)	
Viet Nam	98.1	(1.1)	92.2	(2.1)	97.8	(1.3)	96.1	(1.7)	49.4	(3.9)	84.9	(3.1)	98.5	(1.0)	45.2	(4.3)	93.2	(2.1)	

\* See notes at the beginning of this Annex.

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[Part 1/1]  
Internal or external evaluations and feedback from students

Table IV.4.33 Results based on school principals' reports

		Percentage of students in schools whose principal reported that there are...							
		...neither internal nor external evaluations...				...internal or external evaluations...			
		...and no written feedback from students is sought (regarding lessons, teachers or resources)		...but written feedback from students is sought (regarding lessons, teachers or resources)		...but no written feedback from students is sought (regarding lessons, teachers or resources)		...and written feedback from students is sought (regarding lessons, teachers or resources)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.4	(0.6)	1.6	(0.5)	28.5	(1.7)	67.5	(1.8)
	Austria	6.0	(1.9)	5.9	(1.6)	12.9	(2.7)	75.1	(3.3)
	Belgium	7.9	(1.6)	1.4	(0.6)	56.3	(3.0)	34.4	(2.7)
	Canada	11.8	(1.4)	1.8	(0.5)	46.3	(2.3)	40.1	(2.4)
	Chile	4.4	(1.6)	1.4	(1.0)	46.4	(4.3)	47.8	(4.5)
	Czech Republic	0.6	(0.4)	0.5	(0.4)	36.9	(4.1)	62.0	(4.0)
	Denmark	5.0	(1.5)	0.5	(0.3)	58.4	(3.3)	36.1	(3.3)
	Estonia	0.6	(0.1)	0.0	c	16.0	(2.0)	83.4	(2.0)
	Finland	0.8	(0.5)	1.1	(0.7)	24.6	(2.9)	73.5	(3.0)
	France	20.5	(2.8)	1.4	(0.8)	66.1	(2.9)	12.0	(2.5)
	Germany	12.6	(2.2)	1.4	(0.8)	39.3	(3.2)	46.6	(3.3)
	Greece	51.0	(3.8)	14.5	(2.9)	20.0	(2.9)	14.4	(2.9)
	Hungary	0.2	(0.2)	1.7	(0.9)	19.6	(3.3)	78.5	(3.5)
	Iceland	0.3	(0.0)	0.0	c	45.3	(0.2)	54.4	(0.2)
	Ireland	2.7	(1.4)	0.0	c	74.2	(3.8)	23.2	(3.5)
	Israel	9.0	(2.3)	1.8	(1.0)	49.1	(4.2)	40.2	(3.7)
	Italy	16.4	(1.8)	3.2	(0.6)	43.3	(2.3)	37.2	(2.0)
	Japan	3.0	(1.4)	0.0	c	21.8	(3.0)	75.3	(3.3)
	Korea	0.0	c	1.3	(0.9)	15.8	(2.8)	82.9	(2.9)
	Luxembourg	17.2	(0.1)	0.3	(0.0)	63.3	(0.1)	19.1	(0.1)
	Mexico	1.1	(0.4)	1.0	(0.3)	26.2	(1.6)	71.7	(1.7)
	Netherlands	2.2	(1.3)	2.3	(1.2)	8.1	(1.9)	87.5	(2.4)
	New Zealand	0.3	(0.3)	0.0	c	3.9	(0.9)	95.7	(1.0)
	Norway	11.0	(2.4)	8.9	(2.2)	42.6	(3.6)	37.5	(3.6)
	Poland	0.6	(0.5)	0.1	(0.1)	29.8	(3.5)	69.6	(3.5)
	Portugal	0.2	(0.2)	0.7	(0.8)	22.9	(3.3)	76.1	(3.2)
	Slovak Republic	0.8	(0.5)	1.1	(0.6)	46.6	(4.0)	51.5	(4.0)
	Slovenia	3.7	(0.2)	2.2	(0.1)	21.4	(0.8)	72.7	(0.8)
	Spain	6.0	(1.6)	1.3	(0.3)	31.0	(2.3)	61.6	(2.0)
	Sweden	2.8	(1.2)	3.4	(1.4)	18.6	(3.0)	75.2	(3.2)
	Switzerland	11.8	(2.3)	1.4	(0.4)	16.1	(2.2)	70.7	(2.8)
	Turkey	0.0	c	1.4	(1.3)	9.2	(2.3)	89.4	(2.6)
	United Kingdom	0.0	c	0.0	c	26.9	(3.3)	73.1	(3.3)
United States	2.0	(1.2)	0.9	(0.9)	39.4	(4.7)	57.7	(4.7)	
OECD average	6.3	(0.3)	1.9	(0.2)	33.1	(0.5)	58.6	(0.5)	
Partners	Albania	2.6	(1.1)	0.0	c	28.2	(3.8)	69.2	(3.9)
	Argentina	7.3	(2.5)	4.3	(1.7)	50.0	(3.8)	38.4	(3.4)
	Brazil	1.6	(0.4)	0.5	(0.2)	29.1	(2.9)	68.7	(2.9)
	Bulgaria	0.0	c	0.0	c	18.0	(3.1)	82.0	(3.1)
	Colombia	1.9	(1.1)	0.1	(0.1)	26.9	(3.6)	71.1	(3.6)
	Costa Rica	8.6	(1.9)	1.6	(1.1)	34.9	(3.7)	54.8	(3.9)
	Croatia	0.3	(0.3)	1.8	(1.1)	39.6	(4.2)	58.2	(4.2)
	Cyprus*	3.6	(0.0)	3.8	(0.0)	53.7	(0.1)	38.9	(0.1)
	Hong Kong-China	0.0	c	0.0	c	18.9	(3.2)	81.1	(3.2)
	Indonesia	1.0	(0.8)	1.2	(0.9)	14.3	(2.7)	83.5	(2.8)
	Jordan	2.8	(1.2)	1.3	(0.9)	24.8	(3.0)	71.1	(3.1)
	Kazakhstan	0.0	c	0.0	c	18.5	(3.3)	81.5	(3.3)
	Latvia	0.0	c	0.0	c	23.5	(3.2)	76.5	(3.2)
	Liechtenstein	0.0	c	0.0	c	6.2	(0.6)	93.8	(0.6)
	Lithuania	0.8	(0.5)	1.7	(1.0)	23.9	(2.9)	73.5	(2.9)
	Macao-China	0.0	c	2.7	(0.0)	29.7	(0.1)	67.7	(0.1)
	Malaysia	0.7	(0.5)	0.7	(0.5)	29.3	(3.4)	69.3	(3.5)
	Montenegro	0.0	c	0.0	c	40.8	(0.2)	59.2	(0.2)
	Peru	6.6	(1.6)	2.6	(1.0)	26.9	(3.0)	63.9	(3.4)
	Qatar	0.0	c	0.2	(0.0)	10.5	(0.1)	89.3	(0.1)
	Romania	2.6	(0.8)	2.8	(1.3)	14.5	(2.7)	80.1	(2.9)
	Russian Federation	0.3	(0.3)	0.0	c	16.7	(2.8)	83.0	(2.8)
	Serbia	3.1	(1.5)	0.0	c	48.5	(4.4)	48.4	(4.4)
	Shanghai-China	0.0	c	0.0	c	8.6	(2.1)	91.4	(2.1)
	Singapore	0.0	c	0.0	c	12.6	(0.1)	87.4	(0.1)
	Chinese Taipei	8.4	(2.5)	1.6	(1.0)	29.6	(2.9)	60.4	(3.4)
	Thailand	0.0	c	0.0	c	19.7	(3.1)	80.3	(3.1)
	Tunisia	5.6	(1.8)	1.5	(1.0)	64.9	(3.9)	28.0	(3.7)
	United Arab Emirates	0.3	(0.2)	0.0	c	22.2	(2.0)	77.5	(2.0)
	Uruguay	4.5	(1.5)	6.3	(1.5)	43.2	(4.2)	46.0	(4.0)
Viet Nam	1.4	(1.0)	2.5	(1.4)	13.6	(3.0)	82.4	(3.4)	

\* See notes at the beginning of this Annex.


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[Part 1/1]  
**Monitoring mathematics teachers' practice**  
 Results based on school principals' reports

Table IV.4.34

		Percentage of students in schools whose principal reported that the following methods have been used to monitor the practice of mathematics teachers at their schools:							
		Tests or assessments of student achievement		Teacher peer review of lesson plans, assessment instruments and lessons		Principal or senior staff observations of lessons		Observation of classes by inspectors or other persons external to the school	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	78.8	(1.5)	77.4	(1.5)	70.0	(1.8)	10.9	(1.3)
	Austria	91.0	(2.1)	78.6	(3.4)	73.9	(3.5)	29.2	(3.1)
	Belgium	65.6	(3.2)	76.3	(2.4)	65.0	(3.2)	48.0	(2.8)
	Canada	72.9	(2.3)	60.0	(2.1)	81.9	(1.6)	20.6	(2.2)
	Chile	76.9	(3.2)	80.3	(3.2)	91.0	(2.1)	25.2	(3.2)
	Czech Republic	92.0	(2.3)	66.6	(3.7)	98.0	(0.8)	32.7	(3.8)
	Denmark	75.1	(2.8)	40.9	(3.6)	64.3	(3.8)	16.8	(2.5)
	Estonia	71.3	(2.8)	48.8	(2.7)	89.6	(1.5)	7.6	(1.7)
	Finland	39.6	(3.2)	19.1	(2.9)	31.3	(2.5)	2.2	(0.8)
	France	60.5	(3.4)	42.5	(3.5)	12.3	(2.3)	72.9	(3.3)
	Germany	72.1	(3.3)	44.6	(3.0)	66.9	(3.3)	22.1	(3.0)
	Greece	59.7	(3.7)	26.0	(3.5)	8.3	(2.3)	20.6	(3.0)
	Hungary	74.3	(3.6)	74.5	(3.1)	96.7	(1.3)	13.0	(2.4)
	Iceland	84.2	(0.2)	12.1	(0.2)	46.4	(0.2)	25.3	(0.2)
	Ireland	65.3	(3.9)	33.7	(3.6)	12.7	(2.4)	48.5	(3.9)
	Israel	96.0	(1.4)	51.3	(3.8)	74.8	(3.6)	34.0	(3.4)
	Italy	74.1	(1.8)	87.4	(1.7)	17.2	(1.4)	0.6	(0.2)
	Japan	69.4	(3.3)	54.2	(3.4)	81.0	(2.6)	26.5	(3.1)
	Korea	84.1	(3.1)	98.7	(0.9)	96.0	(1.7)	68.5	(3.8)
	Luxembourg	80.6	(0.1)	63.3	(0.1)	47.9	(0.1)	6.4	(0.0)
	Mexico	92.5	(0.9)	76.4	(1.7)	76.6	(1.3)	41.1	(1.7)
	Netherlands	83.2	(3.6)	54.0	(4.6)	86.6	(3.1)	41.9	(4.5)
	New Zealand	84.1	(3.5)	91.7	(2.3)	96.6	(1.1)	32.3	(3.4)
	Norway	72.4	(2.7)	53.9	(4.1)	47.7	(3.7)	10.9	(2.2)
	Poland	100.0	c	64.4	(4.0)	94.4	(1.8)	16.2	(3.1)
	Portugal	98.2	(1.1)	71.3	(4.6)	60.2	(3.4)	4.2	(2.2)
	Slovak Republic	74.6	(3.2)	84.2	(3.0)	98.2	(0.8)	27.0	(3.4)
	Slovenia	72.1	(0.7)	62.4	(0.8)	94.1	(0.5)	4.7	(0.3)
	Spain	78.0	(2.5)	21.9	(2.2)	9.6	(1.4)	15.5	(2.4)
	Sweden	67.5	(3.5)	58.7	(3.7)	79.7	(3.2)	26.9	(3.4)
	Switzerland	60.6	(3.0)	62.9	(3.3)	83.0	(2.2)	28.7	(2.7)
	Turkey	91.6	(2.7)	51.8	(3.8)	93.9	(1.9)	22.1	(3.6)
United Kingdom	94.7	(1.2)	92.9	(1.5)	96.6	(1.0)	68.0	(2.9)	
United States	89.4	(2.7)	65.9	(3.7)	99.7	(0.3)	42.0	(4.5)	
OECD average	77.7	(0.5)	60.3	(0.5)	68.9	(0.4)	26.9	(0.5)	
Partners	Albania	98.3	(0.9)	91.9	(2.2)	99.2	(0.7)	62.2	(3.6)
	Argentina	82.0	(3.0)	73.5	(3.9)	85.0	(2.8)	21.5	(3.7)
	Brazil	88.3	(1.4)	74.8	(2.2)	49.8	(2.1)	22.8	(2.4)
	Bulgaria	90.8	(2.1)	29.4	(3.7)	97.1	(1.3)	48.8	(3.8)
	Colombia	83.7	(2.9)	60.4	(4.0)	43.0	(3.8)	10.7	(2.5)
	Costa Rica	83.3	(2.8)	80.9	(2.6)	86.5	(2.2)	45.1	(3.5)
	Croatia	72.4	(3.5)	62.0	(3.7)	93.0	(2.0)	33.7	(3.3)
	Cyprus*	89.5	(0.1)	63.5	(0.1)	92.0	(0.1)	86.8	(0.1)
	Hong Kong-China	94.9	(1.8)	85.0	(3.1)	96.7	(1.5)	39.0	(4.1)
	Indonesia	91.3	(2.4)	91.3	(1.6)	95.4	(1.5)	77.1	(3.6)
	Jordan	93.9	(1.9)	93.0	(1.8)	97.9	(1.0)	96.6	(1.6)
	Kazakhstan	98.9	(0.7)	98.9	(0.7)	99.9	(0.1)	81.9	(3.0)
	Latvia	83.2	(2.8)	89.3	(2.3)	100.0	c	41.0	(3.1)
	Liechtenstein	82.4	(0.7)	69.6	(1.0)	49.4	(0.8)	86.9	(0.6)
	Lithuania	95.6	(1.3)	74.7	(3.1)	98.2	(1.0)	37.7	(3.3)
	Macao-China	89.9	(0.0)	88.0	(0.1)	96.0	(0.0)	47.9	(0.0)
	Malaysia	98.7	(0.9)	91.0	(2.4)	98.9	(0.8)	69.5	(3.8)
	Montenegro	80.9	(0.1)	72.3	(0.1)	99.0	(0.0)	55.6	(0.1)
	Peru	71.4	(3.2)	79.7	(2.6)	84.4	(2.5)	53.8	(3.3)
	Qatar	96.6	(0.0)	98.0	(0.0)	99.7	(0.0)	82.0	(0.1)
	Romania	67.6	(3.1)	69.4	(3.1)	73.3	(3.3)	57.7	(3.7)
	Russian Federation	98.9	(0.5)	95.9	(1.1)	99.5	(0.3)	43.8	(4.2)
	Serbia	50.1	(4.2)	58.8	(4.5)	94.5	(2.3)	34.0	(4.3)
	Shanghai-China	92.4	(2.0)	91.3	(2.2)	97.4	(1.2)	89.8	(1.8)
	Singapore	96.2	(0.6)	85.5	(0.1)	99.8	(0.0)	23.3	(0.6)
	Chinese Taipei	81.9	(3.2)	60.8	(3.8)	61.0	(3.8)	7.7	(1.9)
	Thailand	97.9	(1.1)	92.5	(2.1)	95.1	(1.6)	44.7	(4.3)
	Tunisia	75.0	(3.8)	39.6	(3.9)	50.1	(4.1)	86.9	(2.7)
	United Arab Emirates	96.5	(1.0)	84.8	(2.2)	99.7	(0.2)	84.2	(2.1)
	Uruguay	57.8	(3.9)	63.3	(3.6)	88.4	(2.2)	66.2	(3.2)
Viet Nam	97.7	(1.4)	83.0	(2.7)	96.7	(1.6)	85.2	(3.1)	

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957498>



[Part 1/2]  
**Consequences of teacher appraisals**  
 Results based on school principals' reports

Table IV.4.35


		Percentage of students in schools whose principal reported that appraisals of and/or feedback to teachers lead directly to the following:											
		A change in salary			A financial bonus or another kind of monetary reward			Opportunities for professional-development activities			A change in the likelihood of career advancement		
		No change	A small or moderate change	A large change	No change	A small or moderate change	A large change	No change	A small or moderate change	A large change	No change	A small or moderate change	A large change
OECD	Australia	87.2 (1.3)	12.0 (1.3)	0.8 (0.3)	93.7 (0.9)	5.9 (0.9)	0.4 (0.2)	14.3 (1.5)	76.1 (1.6)	9.5 (1.2)	31.5 (1.8)	66.6 (1.8)	1.8 (0.6)
	Austria	96.7 (1.5)	1.9 (1.1)	1.4 (1.0)	91.9 (2.4)	6.7 (2.2)	1.4 (1.0)	64.5 (4.0)	31.9 (3.8)	3.6 (1.8)	69.7 (3.4)	25.4 (3.0)	4.8 (1.9)
	Belgium	99.6 (0.4)	0.4 (0.4)	0.0 c	98.9 (0.6)	1.1 (0.6)	0.0 c	32.3 (3.2)	64.8 (3.2)	2.9 (1.0)	76.7 (2.1)	22.5 (2.1)	0.8 (0.5)
	Canada	96.9 (0.6)	2.7 (0.6)	0.3 (0.2)	97.1 (0.6)	2.9 (0.6)	0.0 (0.0)	21.4 (2.2)	71.8 (2.6)	6.8 (1.4)	56.0 (2.4)	42.5 (2.3)	1.5 (0.7)
	Chile	62.3 (3.8)	33.2 (3.5)	4.5 (1.8)	59.5 (3.9)	34.9 (3.9)	5.6 (2.0)	23.9 (3.3)	64.7 (3.7)	11.4 (2.5)	33.4 (3.5)	60.4 (3.5)	6.2 (2.1)
	Czech Republic	27.8 (3.2)	70.3 (3.2)	2.0 (0.8)	14.5 (2.3)	78.7 (2.9)	6.9 (1.8)	16.1 (3.0)	81.3 (3.0)	2.6 (0.7)	41.4 (3.9)	58.2 (4.0)	0.4 (0.3)
	Denmark	95.7 (1.9)	4.3 (1.9)	0.0 c	92.8 (2.3)	7.1 (2.3)	0.1 (0.1)	33.5 (3.3)	61.0 (3.5)	5.5 (1.6)	85.5 (2.5)	12.9 (2.4)	1.6 (0.9)
	Estonia	61.8 (3.2)	33.8 (3.0)	4.4 (1.5)	29.7 (2.7)	63.6 (2.7)	6.6 (1.3)	20.6 (2.2)	70.1 (2.6)	9.3 (1.8)	42.1 (2.7)	53.0 (2.7)	4.9 (1.1)
	Finland	80.8 (2.5)	19.2 (2.5)	0.0 c	77.1 (2.8)	22.9 (2.8)	0.0 c	28.9 (3.0)	68.3 (3.3)	2.8 (1.4)	73.1 (3.3)	26.9 (3.3)	0.0 c
	France	58.1 (3.9)	40.9 (3.9)	1.0 (0.7)	79.8 (3.0)	19.7 (3.0)	0.5 (0.5)	37.2 (3.3)	60.8 (3.3)	2.1 (1.1)	36.2 (3.6)	60.7 (3.8)	3.1 (1.2)
	Germany	93.2 (1.6)	6.8 (1.6)	0.0 c	91.8 (1.5)	8.2 (1.5)	0.0 c	43.6 (3.6)	56.4 (3.6)	0.0 c	55.7 (3.3)	42.9 (3.3)	1.4 (1.0)
	Greece	75.9 (3.1)	17.9 (3.1)	6.2 (1.9)	76.2 (3.4)	20.7 (3.2)	3.0 (1.4)	48.3 (4.3)	38.9 (4.3)	12.8 (2.6)	58.1 (4.1)	31.8 (3.0)	10.1 (2.5)
	Hungary	77.9 (3.6)	21.4 (3.6)	0.7 (0.7)	18.0 (2.8)	61.2 (3.9)	20.8 (3.5)	32.6 (3.3)	61.8 (3.6)	5.7 (1.6)	25.8 (3.5)	59.3 (4.0)	15.0 (2.9)
	Iceland	81.1 (0.2)	18.9 (0.2)	0.0 c	82.3 (0.2)	16.8 (0.2)	0.9 (0.1)	16.8 (0.2)	75.8 (0.2)	7.4 (0.2)	70.8 (0.2)	28.2 (0.2)	1.0 (0.1)
	Ireland	98.7 (0.9)	0.8 (0.7)	0.5 (0.5)	98.8 (0.9)	1.2 (0.9)	0.0 c	46.7 (4.0)	46.5 (4.1)	6.8 (2.1)	72.3 (3.5)	27.2 (3.4)	0.5 (0.5)
	Israel	77.0 (3.0)	20.0 (3.1)	3.0 (1.4)	73.8 (3.2)	20.8 (3.1)	5.4 (1.8)	18.9 (2.8)	71.5 (3.2)	9.5 (2.5)	21.3 (2.9)	67.9 (3.4)	10.8 (2.6)
	Italy	83.9 (1.9)	14.8 (1.9)	1.3 (0.5)	61.9 (2.3)	36.8 (2.3)	1.3 (0.5)	33.2 (2.2)	63.6 (2.3)	3.2 (0.8)	65.7 (2.2)	32.2 (2.2)	2.1 (0.7)
	Japan	72.7 (3.1)	23.9 (3.1)	3.4 (1.4)	65.9 (3.5)	30.1 (3.3)	3.9 (1.4)	33.0 (3.1)	65.0 (3.3)	2.0 (1.0)	46.5 (3.4)	48.3 (3.6)	5.2 (1.6)
	Korea	52.6 (4.3)	44.4 (4.3)	2.9 (1.3)	31.2 (4.0)	62.4 (4.2)	6.4 (2.0)	10.5 (2.3)	78.0 (3.4)	11.5 (2.6)	37.2 (3.9)	59.7 (4.0)	3.1 (1.4)
	Luxembourg	97.7 (0.0)	2.3 (0.0)	0.0 c	97.7 (0.0)	0.0 c	2.3 (0.0)	50.9 (0.1)	48.6 (0.1)	0.4 (0.0)	81.1 (0.1)	18.9 (0.1)	0.0 c
	Mexico	58.3 (1.9)	34.5 (1.8)	7.2 (0.9)	48.8 (1.9)	42.8 (1.8)	8.3 (0.9)	26.6 (1.7)	61.8 (1.8)	11.6 (1.0)	22.0 (1.2)	66.6 (1.5)	11.4 (1.0)
	Netherlands	77.9 (3.2)	20.6 (3.1)	1.5 (1.0)	73.3 (4.1)	26.7 (4.1)	0.0 c	9.0 (2.6)	74.0 (3.9)	17.0 (3.5)	30.3 (3.9)	61.2 (4.2)	8.5 (2.4)
	New Zealand	79.5 (2.8)	20.2 (2.8)	0.3 (0.3)	93.0 (1.9)	6.7 (1.9)	0.3 (0.3)	2.4 (1.1)	86.0 (2.6)	11.6 (2.5)	17.9 (3.0)	78.7 (3.1)	3.4 (1.7)
	Norway	91.3 (2.2)	8.7 (2.2)	0.0 c	96.7 (1.5)	3.3 (1.5)	0.0 c	15.6 (2.7)	78.2 (2.7)	6.2 (1.7)	49.1 (3.6)	46.9 (3.6)	4.0 (1.5)
	Poland	65.6 (3.8)	32.3 (3.8)	2.1 (1.1)	17.3 (3.0)	73.7 (3.4)	9.0 (2.2)	25.5 (3.5)	67.4 (3.9)	7.2 (2.1)	43.5 (3.8)	48.5 (3.5)	8.0 (2.3)
	Portugal	78.7 (3.3)	17.5 (3.1)	3.8 (1.9)	88.9 (2.6)	9.9 (2.6)	1.2 (0.6)	54.4 (4.5)	43.9 (4.8)	1.7 (0.8)	58.5 (4.3)	35.9 (4.3)	5.6 (1.6)
	Slovak Republic	50.6 (4.2)	47.5 (4.3)	1.9 (1.0)	16.7 (2.9)	72.2 (3.3)	11.1 (2.1)	15.5 (2.7)	70.9 (3.7)	13.6 (2.7)	28.1 (3.5)	64.9 (3.7)	7.0 (1.7)
	Slovenia	57.2 (0.7)	39.4 (0.7)	3.4 (0.3)	46.6 (0.6)	50.9 (0.6)	2.4 (0.3)	14.3 (0.6)	76.6 (0.6)	9.1 (0.3)	14.7 (0.4)	74.2 (0.7)	11.1 (0.7)
	Spain	91.1 (1.7)	7.1 (1.5)	1.7 (0.8)	90.7 (1.5)	7.9 (1.3)	1.4 (0.7)	54.1 (2.7)	42.6 (2.7)	3.3 (0.9)	77.3 (1.8)	21.5 (1.8)	1.2 (0.5)
	Sweden	12.9 (2.4)	76.2 (3.4)	10.9 (2.5)	81.2 (3.3)	17.6 (3.2)	1.1 (0.7)	7.2 (1.9)	74.1 (3.3)	18.7 (2.9)	39.5 (3.9)	54.6 (4.0)	5.9 (1.6)
	Switzerland	88.1 (2.4)	11.9 (2.4)	0.0 (0.0)	82.8 (3.0)	17.2 (3.0)	0.0 (0.0)	42.5 (3.5)	56.4 (3.6)	1.1 (0.9)	78.7 (3.5)	21.1 (3.5)	0.1 (0.0)
	Turkey	43.5 (3.9)	35.1 (3.5)	21.4 (3.6)	39.1 (4.0)	41.2 (3.9)	19.7 (3.2)	14.3 (2.6)	71.3 (3.1)	14.4 (2.4)	16.8 (3.0)	63.6 (3.8)	19.7 (3.0)
	United Kingdom	34.2 (2.8)	63.9 (3.0)	1.8 (0.9)	84.3 (3.7)	15.6 (3.7)	0.1 (0.1)	1.7 (0.7)	78.8 (2.7)	19.5 (2.7)	12.7 (2.2)	81.5 (2.2)	5.8 (1.8)
	United States	88.5 (3.1)	10.9 (3.0)	0.6 (0.7)	85.3 (3.3)	14.0 (3.2)	0.7 (0.7)	11.9 (2.9)	78.4 (3.2)	9.8 (2.2)	43.5 (3.6)	54.4 (3.6)	2.1 (1.2)
OECD average	73.4 (0.5)	24.0 (0.5)	2.6 (0.3)	69.9 (0.5)	26.5 (0.5)	3.6 (0.3)	27.1 (0.5)	65.2 (0.5)	7.7 (0.3)	47.4 (0.5)	47.6 (0.5)	4.9 (0.3)	
Partners	Albania	61.3 (3.7)	33.1 (3.7)	5.7 (1.6)	77.8 (3.2)	20.7 (3.0)	1.4 (0.8)	24.6 (3.5)	69.5 (3.4)	5.9 (1.6)	33.7 (3.9)	61.6 (3.8)	4.7 (1.6)
	Argentina	90.5 (2.0)	9.5 (2.0)	0.0 c	94.2 (1.6)	5.7 (1.6)	0.1 (0.2)	38.0 (4.0)	53.1 (4.3)	8.9 (2.2)	32.9 (3.8)	54.7 (4.0)	12.4 (2.7)
	Brazil	64.1 (2.5)	32.6 (2.6)	3.4 (1.1)	57.0 (2.6)	37.5 (2.5)	5.4 (1.3)	34.5 (2.4)	57.2 (3.0)	8.3 (1.6)	42.6 (2.3)	49.7 (2.8)	7.7 (1.5)
	Bulgaria	70.7 (3.4)	29.0 (3.4)	0.3 (0.2)	14.7 (2.3)	79.4 (2.7)	5.9 (1.6)	10.1 (2.2)	83.4 (2.6)	6.6 (1.8)	15.1 (2.7)	78.6 (3.1)	6.3 (2.0)
	Colombia	60.9 (3.9)	35.7 (3.9)	3.4 (1.0)	79.3 (2.9)	18.0 (2.8)	2.7 (1.0)	26.5 (3.5)	58.4 (3.8)	15.1 (2.6)	26.2 (3.5)	57.0 (3.9)	16.7 (2.6)
	Costa Rica	67.2 (3.5)	29.0 (3.3)	3.8 (1.5)	83.0 (2.6)	14.6 (2.5)	2.4 (1.2)	28.2 (3.7)	59.5 (4.1)	12.3 (2.3)	26.8 (3.1)	62.2 (3.6)	11.0 (2.2)
	Croatia	84.7 (2.9)	12.1 (2.5)	3.2 (1.5)	73.5 (3.7)	20.9 (3.3)	5.6 (1.8)	12.4 (2.6)	74.7 (3.5)	12.9 (2.6)	9.5 (2.4)	76.7 (3.3)	13.8 (2.7)
	Cyprus*	78.5 (0.1)	20.4 (0.1)	1.2 (0.0)	83.5 (0.1)	16.5 (0.1)	0.0 c	23.3 (0.1)	73.1 (0.1)	3.6 (0.1)	14.8 (0.1)	75.1 (0.1)	10.1 (0.1)
	Hong Kong-China	69.7 (4.2)	28.3 (4.1)	2.1 (1.2)	83.9 (2.9)	15.2 (2.7)	0.9 (0.9)	38.7 (4.3)	59.1 (4.4)	2.2 (1.2)	2.0 (1.1)	84.2 (3.1)	13.8 (3.0)
	Indonesia	15.0 (2.8)	78.7 (3.7)	6.3 (1.9)	19.8 (3.1)	79.5 (3.1)	0.6 (0.4)	3.2 (1.3)	76.1 (3.2)	20.8 (3.1)	2.9 (1.1)	78.7 (3.3)	18.4 (3.2)
	Jordan	41.0 (3.2)	39.4 (3.7)	19.6 (3.1)	39.9 (3.3)	33.8 (3.5)	26.3 (3.1)	18.6 (2.8)	66.1 (3.4)	15.3 (3.1)	20.7 (2.8)	59.1 (3.5)	20.2 (2.8)
	Kazakhstan	37.7 (4.1)	56.5 (4.2)	5.8 (1.7)	33.5 (3.3)	55.5 (3.9)	11.1 (2.4)	4.9 (1.3)	69.0 (3.8)	26.1 (3.7)	16.6 (2.7)	68.9 (3.6)	14.5 (3.0)
	Latvia	56.3 (3.2)	37.4 (3.0)	6.3 (1.6)	64.9 (3.6)	28.8 (3.5)	6.4 (1.9)	13.2 (2.5)	77.7 (3.2)	9.1 (2.3)	35.6 (3.1)	60.2 (3.2)	4.3 (1.1)
	Liechtenstein	93.8 (0.6)	6.2 (0.6)	0.0 c	93.8 (0.6)	6.2 (0.6)	0.0 c	12.1 (1.1)	87.9 (1.1)	0.0 c	74.3 (0.9)	25.7 (0.9)	0.0 c
	Lithuania	55.0 (3.5)	41.4 (3.3)	3.6 (1.3)	52.5 (3.4)	40.9 (3.4)	6.7 (2.0)	12.2 (2.0)	70.9 (3.3)	16.9 (2.8)	36.9 (3.2)	57.0 (3.5)	6.1 (1.7)
	Macao-China	38.4 (0.0)	60.5 (0.0)	1.1 (0.0)	31.0 (0.0)	68.8 (0.0)	0.2 (0.0)	20.1 (0.1)	78.8 (0.1)	1.1 (0.0)	71.3 (0.0)	79.8 (0.0)	8.9 (0.0)
	Malaysia	25.1 (3.8)	52.5 (4.1)	22.4 (3.7)	14.9 (3.0)	63.3 (3.8)	21.8 (3.5)	6.5 (2.0)	67.5 (3.9)	26.0 (3.7)	11.1 (2.1)	64.5 (4.1)	28.5 (3.9)
	Montenegro	82.3 (0.1)	15.8 (0.1)	1.9 (0.0)	77.8 (0.1)	16.7 (0.1)	5.5 (0.1)	15.3 (0.1)	65.1 (0.1)	19.6 (0.1)	30.2 (0.1)	59.2 (0.1)	10.7 (0.1)
	Peru	51.4 (3.3)	44.0 (3.6)	4.6 (1.7)	58.8 (3.6)	39.2 (3.6)	2.1 (1.2)	26.5 (3.0)	67.2 (3.2)	6.3 (1.8)	30.7 (3.2)	61.8 (3.5)	7.5 (2.1)
	Qatar	45.9 (0.1)	48.4 (0.1)	5.8 (0.1)	33.7 (0.1)	56.2 (0.1)	10.1 (0.1)	4.6 (0.0)	51.5 (0.1)	43.9 (0.1)	10.7 (0.1)	68.1 (0.1)	21.2 (0.1)
	Romania	70.2 (3.1)	29.2 (3.2)	0.6 (0.6)	66.9 (3.6)	32.4 (3.6)	0.6 (0.6)	34.0 (3.4)	57.0 (3.9)	9.0 (2.3)	28.4 (3.4)	67.5 (3.5)	4.1 (1.6)
	Russian Federation	5.7 (1.7)	79.4 (3.0)	14.9 (2.7)	9.8 (1.8)	70.6 (2.6)	19.6 (2.3)	8.0 (2.2)	67.3 (3.7)	24.7 (3.1)	7.5 (1.6)	77.0 (2.8)	15.5 (2.6)
	Serbia	87.3 (3.0)	11.7 (2.9)	0.9 (0.8)	76.1 (4.0)	23.1 (4.0)	0.8 (0.7)	34.7 (4.2)	61.3 (4.2)	4.0 (1.8)	54.6 (4.5)	42.6 (4.4)	2.8 (1.6)
	Shanghai-China	58.9 (3.4)	35.4 (4.1)	5.6 (1.6)	7.7 (2.0)	85.2 (2.6)	7.1 (1.6)	6.4 (2.0)	72.5 (3.8)	21.1 (3.4)	3.0 (1.4)	78.9 (3.3)	18.1 (3.0)
	Singapore	39.2 (0.5)	56.4 (0.5)	4.4 (0.1)	6.3 (0.8)	65.2 (0.5)	28.5 (0.3)	6.7 (0.6)	77.9 (0.6)	15.4 (0.2)	3.7 (0.6)	79.1 (0.6)	17.1 (0.2)
	Chinese Taipei	72.5 (3.4)	19.4 (3.2)	8.1 (2.5)	60.9 (3.8)	32.3 (3.7)	6.8 (2.3)	16.9 (3.1)	71.8 (3.8)	11.3 (2.6)	48.3 (3.7)	43.5 (3.7)	8.2 (2.3)
	Thailand	11.9 (2.2)	77.2 (3.0)	11.0 (2.4)	26.2 (3.0)	65.8 (3.2)	8.0 (2.2)	14.3 (3.0)	71.0 (3.4)	14.0 (2.9)	14.0 (2.9)	74.8 (3.1)	11.3 (2.3)
	Tunisia	28.4 (3.9)	54.0 (4.8)	17.6 (3.3)	33.8 (4.2)	49.5 (4.7)	16.7 (3.4)	9.7 (2.7)	72.6 (4.1)	17.7 (3.2)	12.9 (2.9)	62.4 (3.9)	24.7 (3.4)
	United Arab Emirates	41.6 (2.1)	43.0 (2.0)	15.4 (1.9)	50.4 (2.5)	38.3 (2.4)	11.3 (1.7)	7.2 (1.9)	61.0 (2.1)	31.8 (2.1)	11.3 (2.1)	67.3 (2.3)	21.4 (2.1)
	Uruguay	72.5 (3.7)	24.7 (3.4)	2.8 (1.5)	75.5 (3.1)	20.1 (2.9)	4.4 (1.8)	32.4 (3.6)	58.1 (3.7)	9.5 (2.0)	44.2 (3.6)	50.0 (3.8)	5.9 (1.9)
Viet Nam	28.1 (3.5)	64.6 (3.8)	7.3 (1.9)	8.3 (2.0)	80.8 (2.9)	10.9 (2.3)	1.8 (1.1)	87.2 (2.6)	11.0 (2.4)	4.8 (1.3)	87.5 (2.2)	7.7 (2	

[Part 2/2]  
**Consequences of teacher appraisals**  
 Results based on school principals' reports

Table IV.4.35

	Percentage of students in schools whose principal reported that appraisals of and/or feedback to teachers lead directly to the following:																	
	Public recognition from the principal						Changes in work responsibilities that make the job more attractive			A role in school-development initiatives (e.g. curriculum-development group, development of school objectives)								
	No change		A small or moderate change		A large change		No change	A small or moderate change	A large change	No change	A small or moderate change	A large change						
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.						
<b>OECD</b>																		
Australia	16.9	(1.5)	76.4	(1.6)	6.6	(1.1)	36.7	(1.9)	62.6	(1.9)	0.7	(0.3)	12.9	(1.2)	81.4	(1.4)	5.8	(0.9)
Austria	25.3	(3.3)	64.8	(3.9)	9.8	(2.4)	55.9	(4.2)	41.5	(3.9)	2.6	(1.4)	27.5	(3.3)	61.8	(3.8)	10.8	(2.7)
Belgium	34.0	(3.0)	59.8	(3.2)	6.2	(1.5)	49.0	(2.9)	49.0	(2.8)	2.0	(0.9)	36.3	(3.0)	57.9	(3.3)	5.8	(1.7)
Canada	27.4	(2.2)	65.9	(2.4)	6.8	(1.3)	55.8	(2.2)	42.6	(2.3)	1.6	(0.7)	16.1	(1.8)	75.0	(2.1)	8.9	(1.7)
Chile	13.0	(2.5)	60.3	(4.0)	26.7	(3.7)	17.1	(2.8)	66.7	(3.6)	16.2	(3.0)	18.7	(2.8)	68.5	(3.6)	12.9	(2.8)
Czech Republic	7.1	(2.2)	82.0	(3.4)	10.9	(2.7)	38.1	(3.5)	61.9	(3.5)	0.0	c	14.0	(2.6)	80.2	(3.1)	5.8	(2.2)
Denmark	22.0	(2.8)	69.2	(3.3)	8.8	(2.0)	44.5	(4.0)	51.6	(3.9)	3.9	(1.5)	38.2	(3.5)	56.7	(3.4)	5.0	(1.4)
Estonia	7.4	(1.6)	76.3	(2.7)	16.4	(2.3)	29.9	(2.6)	61.9	(3.0)	8.2	(1.8)	10.5	(1.6)	78.4	(2.1)	11.1	(1.8)
Finland	24.0	(2.7)	73.9	(2.6)	2.1	(0.8)	32.0	(3.1)	65.9	(3.0)	2.1	(1.0)	19.5	(2.5)	77.0	(2.5)	3.5	(0.8)
France	21.3	(2.9)	60.4	(3.8)	18.4	(3.0)	41.1	(3.3)	54.6	(3.5)	4.3	(1.4)	26.8	(2.8)	63.9	(3.4)	9.3	(2.2)
Germany	46.7	(3.8)	52.8	(3.8)	0.5	(0.5)	51.2	(3.8)	47.7	(3.7)	1.1	(0.8)	32.1	(3.6)	64.6	(3.7)	3.3	(1.4)
Greece	27.0	(3.2)	52.0	(3.9)	21.0	(3.3)	46.6	(4.3)	36.8	(4.0)	16.6	(2.9)	39.8	(3.6)	46.5	(3.9)	13.8	(2.9)
Hungary	2.2	(1.2)	30.0	(3.5)	67.9	(3.8)	13.8	(2.8)	72.1	(3.7)	14.1	(2.9)	6.6	(1.9)	62.5	(3.7)	31.0	(3.5)
Iceland	23.9	(0.2)	64.5	(0.2)	11.6	(0.2)	18.2	(0.2)	74.5	(0.2)	7.4	(0.2)	31.0	(0.2)	61.7	(0.3)	7.3	(0.2)
Ireland	29.1	(3.8)	61.0	(3.8)	9.9	(2.2)	59.3	(3.9)	38.9	(3.8)	1.8	(1.1)	21.5	(3.7)	71.9	(3.9)	6.6	(2.0)
Israel	4.9	(1.6)	56.6	(3.6)	38.5	(3.7)	9.6	(1.9)	67.3	(3.0)	23.1	(3.4)	16.4	(3.1)	68.5	(3.3)	15.1	(3.0)
Italy	37.2	(2.1)	56.9	(2.3)	5.9	(1.1)	19.2	(1.9)	71.1	(2.2)	9.7	(1.1)	16.5	(1.7)	75.8	(2.0)	7.7	(0.9)
Japan	35.1	(3.6)	61.8	(3.7)	3.1	(1.3)	12.9	(2.3)	80.5	(2.8)	6.6	(1.9)	7.6	(1.7)	74.8	(3.1)	17.6	(2.8)
Korea	4.8	(1.8)	85.5	(2.9)	9.8	(2.3)	22.1	(3.7)	68.2	(4.0)	9.7	(2.5)	17.5	(3.1)	69.2	(3.9)	13.4	(2.8)
Luxembourg	19.8	(0.1)	71.0	(0.1)	9.1	(0.1)	40.4	(0.1)	57.1	(0.1)	2.5	(0.0)	17.9	(0.1)	75.1	(0.1)	7.0	(0.0)
Mexico	13.7	(1.3)	63.6	(1.8)	22.8	(1.3)	19.7	(1.2)	68.3	(1.6)	12.0	(1.1)	22.0	(1.3)	67.9	(1.6)	10.2	(1.1)
Netherlands	8.3	(2.4)	74.2	(4.1)	17.4	(3.4)	26.1	(3.6)	64.0	(3.8)	9.9	(2.7)	14.1	(3.0)	73.9	(3.8)	12.0	(2.6)
New Zealand	17.8	(2.8)	76.5	(3.3)	5.7	(1.9)	20.7	(3.4)	77.9	(3.4)	1.4	(0.8)	10.7	(2.6)	85.5	(2.9)	3.9	(1.4)
Norway	21.4	(3.1)	73.5	(3.6)	5.1	(1.9)	22.5	(3.0)	71.5	(3.4)	6.0	(1.7)	14.9	(2.6)	74.7	(3.4)	10.4	(2.6)
Poland	7.5	(2.2)	70.5	(3.8)	22.0	(3.4)	39.5	(4.0)	56.8	(4.0)	3.7	(1.5)	12.8	(2.3)	73.9	(3.2)	13.3	(2.7)
Portugal	42.0	(4.3)	51.5	(4.3)	6.5	(1.9)	36.8	(4.4)	55.1	(4.0)	8.1	(2.5)	27.4	(4.2)	67.1	(4.2)	5.5	(2.3)
Slovak Republic	5.5	(2.1)	70.5	(3.3)	24.0	(3.1)	19.4	(3.2)	72.2	(3.0)	8.4	(2.1)	5.9	(2.2)	72.1	(3.7)	22.0	(3.0)
Slovenia	4.2	(0.2)	77.8	(0.7)	18.0	(0.7)	8.9	(0.4)	80.4	(0.5)	10.7	(0.3)	6.2	(0.4)	74.3	(0.5)	19.5	(0.4)
Spain	32.6	(2.5)	59.9	(2.5)	7.5	(1.5)	45.4	(2.9)	50.7	(3.1)	3.9	(1.1)	36.5	(2.1)	59.1	(2.3)	4.3	(1.2)
Sweden	10.8	(2.4)	68.5	(3.8)	20.6	(3.0)	17.7	(2.8)	67.8	(3.0)	14.6	(2.6)	5.6	(1.8)	67.6	(3.5)	26.7	(3.3)
Switzerland	56.8	(3.7)	40.4	(3.6)	2.8	(1.1)	61.4	(3.6)	36.9	(3.5)	1.7	(1.0)	41.5	(3.4)	57.1	(3.4)	1.4	(0.6)
Turkey	15.6	(3.0)	63.3	(3.7)	21.0	(2.8)	10.3	(2.3)	63.9	(3.7)	25.9	(3.4)	7.7	(2.3)	77.9	(3.8)	14.4	(3.1)
United Kingdom	12.4	(2.1)	71.6	(3.0)	16.1	(2.5)	18.5	(2.5)	77.3	(2.6)	4.2	(1.3)	3.1	(1.0)	85.7	(1.9)	11.1	(2.1)
United States	20.2	(3.7)	72.2	(4.2)	7.6	(2.3)	40.4	(4.7)	59.0	(4.7)	0.7	(0.6)	10.0	(2.1)	77.0	(3.7)	12.9	(3.2)
OECD average	20.5	(0.4)	65.2	(0.6)	14.3	(0.4)	31.8	(0.5)	61.0	(0.6)	7.2	(0.3)	19.0	(0.4)	70.1	(0.5)	10.9	(0.4)
<b>Partners</b>																		
Albania	27.7	(3.7)	65.2	(4.0)	7.1	(1.9)	19.3	(3.0)	69.9	(3.7)	10.8	(2.8)	10.9	(2.1)	74.9	(3.3)	14.1	(3.0)
Argentina	37.2	(3.9)	48.0	(3.8)	14.8	(2.5)	37.3	(4.1)	52.5	(4.2)	10.2	(3.3)	22.2	(3.5)	64.7	(4.1)	13.0	(2.7)
Brazil	20.7	(2.1)	61.9	(2.4)	17.4	(2.3)	17.1	(2.1)	71.3	(2.3)	11.6	(1.9)	23.0	(2.3)	67.8	(2.4)	9.2	(1.6)
Bulgaria	6.5	(1.9)	77.8	(2.9)	15.7	(2.4)	18.8	(2.9)	75.7	(3.1)	5.5	(1.7)	7.8	(2.1)	78.6	(3.3)	13.6	(2.7)
Colombia	20.0	(3.2)	59.7	(3.8)	20.3	(3.0)	26.4	(3.6)	63.2	(4.0)	10.4	(2.5)	18.2	(3.3)	61.7	(3.9)	20.1	(2.5)
Costa Rica	25.9	(3.1)	52.1	(3.9)	22.1	(3.3)	33.7	(3.6)	55.5	(3.8)	10.8	(2.1)	20.3	(3.1)	56.4	(4.0)	23.3	(3.3)
Croatia	2.2	(1.1)	64.0	(4.0)	33.7	(3.8)	19.2	(3.6)	70.5	(3.9)	10.4	(2.3)	9.1	(2.4)	73.0	(3.6)	17.9	(3.1)
Cyprus*	7.8	(0.1)	66.1	(0.1)	26.2	(0.1)	16.7	(0.1)	70.4	(0.1)	13.0	(0.1)	16.0	(0.1)	66.4	(0.1)	17.5	(0.1)
Hong Kong-China	7.5	(2.1)	87.6	(2.6)	4.9	(1.9)	6.2	(1.9)	91.0	(2.1)	2.8	(1.4)	1.2	(0.9)	93.4	(1.7)	5.4	(1.4)
Indonesia	8.0	(1.7)	76.2	(3.1)	15.8	(3.2)	2.7	(1.2)	80.4	(3.1)	16.9	(2.9)	1.3	(0.8)	81.1	(3.0)	17.5	(2.9)
Jordan	4.0	(1.0)	45.7	(4.3)	50.3	(4.2)	5.5	(1.6)	56.0	(4.0)	38.5	(3.7)	10.2	(2.3)	67.1	(3.1)	22.7	(3.1)
Kazakhstan	2.7	(1.0)	68.3	(3.7)	28.9	(3.4)	9.6	(2.0)	74.3	(3.4)	16.1	(2.8)	4.4	(1.2)	76.9	(3.6)	18.7	(3.2)
Latvia	6.5	(1.7)	87.6	(2.2)	5.9	(1.3)	21.2	(2.8)	71.8	(3.3)	7.0	(1.9)	8.8	(1.9)	81.2	(3.1)	10.0	(2.4)
Liechtenstein	72.7	(1.0)	27.3	(1.0)	0.0	c	40.3	(0.8)	54.6	(0.9)	5.1	(0.8)	5.4	(0.7)	83.2	(1.1)	11.5	(0.9)
Lithuania	4.3	(1.4)	69.7	(3.2)	26.0	(3.0)	36.4	(3.2)	58.1	(3.5)	5.5	(1.7)	5.8	(1.3)	76.8	(2.8)	17.4	(2.8)
Macao-China	9.3	(0.0)	71.4	(0.0)	19.4	(0.0)	7.7	(0.0)	89.6	(0.0)	2.7	(0.0)	4.7	(0.0)	76.8	(0.1)	18.5	(0.0)
Malaysia	4.6	(1.7)	58.6	(4.3)	36.8	(4.1)	4.7	(1.7)	65.3	(4.0)	30.0	(3.9)	3.6	(1.6)	66.5	(4.0)	30.0	(4.0)
Montenegro	5.7	(0.1)	72.4	(0.2)	21.9	(0.1)	15.3	(0.1)	78.3	(0.1)	6.4	(0.1)	8.8	(0.1)	74.6	(0.1)	16.6	(0.1)
Peru	11.6	(2.3)	72.5	(3.4)	15.9	(2.5)	9.0	(1.9)	80.3	(2.8)	10.7	(2.1)	11.8	(2.1)	79.1	(2.4)	9.1	(2.0)
Qatar	11.1	(0.1)	45.8	(0.1)	43.1	(0.1)	7.2	(0.0)	55.1	(0.1)	37.7	(0.1)	5.9	(0.0)	55.4	(0.1)	38.7	(0.1)
Romania	23.8	(2.7)	54.6	(3.5)	21.6	(3.1)	27.2	(3.4)	69.7	(3.4)	3.1	(1.3)	26.8	(3.2)	64.1	(3.7)	9.1	(2.2)
Russian Federation	4.3	(1.5)	55.6	(4.6)	40.0	(4.5)	16.6	(3.0)	72.3	(3.2)	11.1	(1.8)	5.0	(1.5)	72.1	(3.2)	23.0	(2.6)
Serbia	15.6	(3.1)	72.4	(4.2)	12.0	(3.1)	30.3	(3.9)	64.2	(4.0)	5.5	(2.1)	29.9	(4.0)	65.7	(3.9)	4.5	(1.8)
Shanghai-China	3.2	(1.4)	75.5	(3.8)	21.3	(3.5)	5.1	(1.8)	78.3	(3.4)	16.6	(3.0)	2.7	(1.3)	79.6	(3.5)	17.7	(3.2)
Singapore	9.7	(0.6)	76.9	(0.6)	13.5	(0.2)	6.2	(0.8)	81.5	(0.7)	12.3	(0.1)	4.0	(0.1)	80.3	(0.2)	15.6	(0.2)
Chinese Taipei	44.5	(3.4)	51.4	(3.1)	4.1	(1.7)	26.7	(3.3)	60.8	(3.9)	12.5	(2.6)	10.5	(2.6)	77.4	(3.5)	12.1	(2.7)
Thailand	5.3	(1.6)	72.0	(3.2)	22.6	(3.0)	6.6	(2.0)	76.0	(3.8)	17.4	(3.2)	5.4	(1.8)	76.0	(3.5)	18.6	(3.3)
Tunisia	9.5	(2.7)	63.0	(3.9)	27.5	(3.8)	12.2	(2.9)	65.4	(4.2)	22.4	(3.7)	26.4	(3.8)	51.2	(3.9)	22.4	(3.9)
United Arab Emirates	4.4	(1.1)	49.7	(2.3)	46.0	(2.5)	6.2	(1.2)	61.6	(2.4)	32.2	(2.3)	3.5	(1.1)	61.4	(2.5)	35.2	(2.3)
Uruguay	30.3	(3.3)	59.9	(3.5)	9.8	(2.1)	25.8	(3.5)	67.1	(3.8)	7.2	(2.0)	29.9	(3.5)	63.3	(3.6)	6.8	(1.8)
Viet Nam	0.7	(0.7)	76.1	(3.6)	23.2	(3.5)	0.7	(0.7)	84.1	(2.8)	15.2	(2.7)	7.8	(2.0)	87.0	(2.7)	5.2	(1.9)

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957498>



[Part 1/3]

**Change between 2003 and 2012 in assessment practices**Table IV.4.36 *Results based on school principals' reports*


		PISA 2003																	
		Percentage of students in schools whose principal reported that assessments of students in national modal grade for 15-year-olds are used for the following purposes:										Index of assessment practices (sum of "yes" for these eight practices)							
		To inform parents about their child's progress		To make decisions about students' retention or promotion		To group students for instructional purposes		To compare the school to district or national performance		To monitor the school's progress from year to year				To make judgements about teachers' effectiveness		To identify aspects of instruction or the curriculum that could be improved		To compare the school with other schools	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.			%	S.E.	%	S.E.	Mean index	S.E.
OECD	Australia	100.0	c	61.5	(2.9)	77.8	(2.6)	54.9	(2.4)	76.5	(2.7)	34.0	(2.9)	81.5	(2.5)	38.7	(2.7)	5.2	(0.1)
	Austria	92.2	(2.2)	93.2	(2.3)	31.8	(2.3)	12.4	(2.8)	59.2	(3.9)	35.6	(3.5)	65.6	(3.7)	38.0	(3.9)	4.2	(0.1)
	Belgium	99.6	(0.4)	99.1	(0.6)	19.9	(2.4)	9.6	(2.2)	37.6	(2.8)	19.4	(2.4)	66.1	(3.0)	6.9	(1.7)	3.6	(0.1)
	Canada	99.4	(0.3)	95.5	(1.0)	72.0	(2.1)	70.1	(2.2)	79.5	(1.8)	31.4	(2.4)	84.1	(1.8)	53.0	(2.4)	5.8	(0.1)
	Czech Republic	98.3	(0.9)	91.8	(1.9)	35.2	(3.3)	50.0	(3.3)	85.6	(2.4)	61.7	(3.4)	88.7	(2.1)	55.3	(3.7)	5.6	(0.1)
	Denmark	67.6	(3.5)	3.8	(0.9)	14.1	(2.6)	5.9	(1.7)	8.4	(2.0)	3.7	(1.4)	46.7	(3.9)	2.9	(1.3)	1.5	(0.1)
	Finland	100.0	(0.0)	95.2	(0.9)	17.1	(3.0)	56.3	(4.0)	65.0	(4.1)	32.1	(3.5)	65.6	(3.6)	34.9	(3.5)	4.6	(0.1)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	96.1	(1.4)	96.3	(1.2)	35.8	(3.0)	21.2	(3.2)	44.0	(3.2)	11.8	(2.3)	44.8	(3.9)	17.1	(2.7)	3.6	(0.1)
	Greece	96.6	(2.0)	99.4	(0.5)	11.1	(2.1)	12.2	(2.8)	35.6	(5.7)	15.2	(4.4)	40.5	(5.3)	15.8	(3.0)	3.2	(0.2)
	Hungary	99.1	(0.9)	94.7	(1.9)	34.8	(3.5)	86.4	(2.6)	95.8	(1.4)	77.0	(3.5)	93.7	(2.1)	77.5	(3.2)	6.6	(0.1)
	Iceland	99.7	(0.0)	14.8	(0.1)	56.1	(0.2)	84.1	(0.1)	88.1	(0.1)	30.9	(0.2)	96.6	(0.0)	65.6	(0.2)	5.3	(0.0)
	Ireland	99.3	(0.7)	43.7	(4.2)	78.1	(3.3)	17.2	(3.2)	49.5	(4.0)	16.9	(3.2)	42.2	(4.3)	8.8	(2.6)	3.5	(0.1)
	Italy	96.0	(1.3)	83.7	(2.8)	51.5	(3.9)	32.8	(3.4)	69.3	(3.0)	23.3	(3.2)	83.8	(2.9)	29.1	(3.2)	4.6	(0.1)
	Japan	98.3	(1.0)	89.5	(2.6)	44.7	(4.5)	17.8	(3.4)	47.7	(4.4)	81.5	(3.3)	78.9	(3.4)	11.8	(2.8)	4.7	(0.1)
	Korea	95.5	(1.8)	24.8	(3.8)	62.6	(4.0)	62.0	(3.7)	58.6	(4.0)	54.5	(4.3)	90.2	(2.7)	54.9	(3.9)	5.0	(0.2)
	Luxembourg	100.0	c	100.0	c	29.7	(0.1)	21.8	(0.0)	26.1	(0.1)	21.0	(0.0)	62.9	(0.1)	10.3	(0.0)	3.7	(0.0)
	Mexico	96.7	(0.9)	92.9	(1.8)	59.4	(3.2)	55.5	(3.1)	91.2	(1.6)	77.3	(3.1)	89.2	(2.2)	50.5	(3.5)	6.1	(0.1)
	Netherlands	99.5	(0.5)	96.8	(1.6)	88.7	(2.7)	63.5	(4.1)	63.3	(4.2)	42.2	(4.4)	71.8	(3.9)	47.0	(4.4)	5.7	(0.2)
	New Zealand	98.4	(1.0)	77.9	(2.8)	73.7	(3.0)	86.7	(2.3)	95.6	(1.6)	53.0	(3.4)	95.8	(1.2)	73.5	(3.2)	6.5	(0.1)
Norway	100.0	c	0.0	c	37.8	(4.0)	63.8	(3.6)	67.7	(3.3)	19.5	(3.0)	70.1	(3.5)	47.1	(3.8)	4.1	(0.1)	
Poland	98.0	(1.1)	84.2	(2.8)	33.0	(4.1)	71.1	(3.7)	96.6	(1.5)	73.2	(3.2)	87.8	(2.8)	62.3	(3.6)	6.1	(0.1)	
Portugal	98.8	(0.7)	96.6	(1.6)	26.1	(3.8)	32.9	(4.2)	78.5	(3.1)	34.7	(4.4)	84.3	(3.2)	22.3	(3.4)	4.7	(0.1)	
Slovak Republic	98.7	(0.7)	96.7	(1.0)	54.9	(3.8)	45.9	(3.7)	95.0	(1.5)	75.0	(2.7)	89.0	(2.2)	47.7	(3.1)	6.0	(0.1)	
Spain	99.7	(0.3)	99.5	(0.3)	47.6	(3.5)	18.2	(2.1)	68.6	(3.2)	35.9	(3.5)	88.5	(2.3)	17.2	(2.1)	4.7	(0.1)	
Sweden	96.4	(1.5)	38.9	(4.1)	45.2	(4.0)	73.0	(3.1)	85.4	(2.7)	21.2	(3.1)	80.7	(3.0)	64.8	(3.5)	5.0	(0.1)	
Switzerland	94.1	(1.6)	95.2	(1.5)	28.1	(3.2)	18.5	(2.0)	24.9	(4.5)	36.8	(3.5)	51.9	(3.6)	15.9	(3.7)	3.6	(0.1)	
Turkey	84.8	(3.0)	71.1	(4.2)	50.8	(4.3)	58.7	(4.4)	76.3	(3.3)	33.8	(4.4)	34.0	(3.7)	58.9	(4.4)	4.6	(0.2)	
United States	98.4	(0.8)	76.3	(2.8)	65.9	(3.3)	90.7	(1.9)	93.5	(1.6)	54.7	(3.1)	92.0	(1.9)	80.3	(2.8)	6.5	(0.1)	
OECD average 2003	96.5	(0.3)	75.5	(0.5)	45.8	(0.6)	46.2	(0.6)	66.5	(0.6)	39.5	(0.6)	73.8	(0.6)	39.6	(0.6)	4.8	(0.0)	
Partners	Brazil	87.9	(2.6)	83.4	(2.5)	44.7	(4.1)	37.5	(3.5)	75.7	(3.5)	55.5	(3.5)	92.1	(2.1)	23.3	(2.9)	5.0	(0.1)
	Hong Kong-China	98.7	(0.9)	96.3	(1.5)	63.3	(4.2)	22.7	(4.0)	90.5	(2.5)	63.9	(4.0)	96.9	(1.2)	18.9	(3.1)	5.5	(0.1)
	Indonesia	89.2	(2.4)	84.3	(2.6)	46.4	(3.8)	50.6	(3.8)	86.0	(2.7)	87.3	(2.5)	78.8	(3.2)	77.2	(2.9)	6.0	(0.2)
	Latvia	100.0	c	94.1	(2.7)	40.1	(4.3)	79.7	(4.1)	99.2	(0.6)	86.5	(2.8)	96.7	(1.4)	65.1	(4.2)	6.6	(0.1)
	Liechtenstein	100.0	c	96.7	(0.0)	57.7	(0.4)	28.7	(0.3)	17.5	(0.3)	39.1	(0.5)	21.3	(0.5)	39.3	(0.4)	4.0	(0.0)
	Macao-China	96.5	(0.1)	96.5	(0.1)	43.4	(0.2)	3.1	(0.1)	81.4	(0.2)	81.5	(0.3)	97.5	(0.1)	14.5	(0.1)	5.0	(0.0)
	Russian Federation	100.0	c	96.7	(1.3)	55.7	(4.0)	69.9	(4.1)	96.9	(1.3)	98.7	(0.8)	98.8	(0.7)	81.3	(3.2)	7.0	(0.1)
	Thailand	89.6	(2.6)	71.9	(4.0)	77.2	(3.5)	59.3	(3.6)	88.0	(3.0)	70.6	(3.6)	76.9	(3.8)	56.8	(4.0)	5.9	(0.2)
	Tunisia	74.8	(3.4)	84.3	(2.9)	43.6	(4.3)	73.1	(3.6)	81.8	(3.4)	62.7	(3.7)	71.9	(3.2)	71.7	(3.4)	5.6	(0.2)
	Uruguay	94.2	(1.7)	90.6	(2.4)	29.0	(3.1)	18.1	(3.2)	76.5	(4.0)	40.7	(4.5)	68.8	(3.7)	10.5	(2.4)	4.3	(0.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink <http://dx.doi.org/10.1787/888932957498>

[Part 2/3]  
**Change between 2003 and 2012 in assessment practices**  
*Results based on school principals' reports*

Table IV.4.36

		PISA 2012																	
		Percentage of students in schools whose principal reported that assessments of students in national modal grade for 15-year-olds are used for the following purposes:														Index of assessment practices (sum of "yes" for these eight practices)			
		To inform parents about their child's progress		To make decisions about students' retention or promotion		To group students for instructional purposes		To compare the school to district or national performance		To monitor the school's progress from year to year		To make judgements about teachers' effectiveness		To identify aspects of instruction or the curriculum that could be improved		To compare the school with other schools		Mean index	S.E.
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD	Australia	100.0	(0.0)	62.8	(1.8)	83.5	(1.3)	56.4	(1.9)	87.6	(1.3)	49.8	(1.8)	90.9	(1.1)	44.3	(2.0)	4.7	(0.1)
	Austria	95.5	(1.7)	94.2	(1.7)	30.5	(2.4)	28.5	(4.0)	62.6	(4.2)	39.1	(4.1)	69.6	(3.6)	30.0	(4.1)	4.0	(0.1)
	Belgium	96.6	(1.3)	96.2	(1.3)	17.2	(2.3)	23.3	(2.6)	59.8	(3.2)	35.2	(3.0)	73.1	(3.0)	18.3	(2.3)	3.8	(0.1)
	Canada	99.7	(0.2)	95.0	(1.2)	74.1	(2.1)	82.3	(1.5)	92.3	(1.0)	30.2	(1.9)	86.6	(1.5)	62.0	(2.3)	5.1	(0.1)
	Czech Republic	93.1	(1.7)	79.4	(2.9)	32.8	(3.3)	58.2	(3.2)	86.2	(2.7)	62.8	(3.4)	86.3	(2.7)	63.1	(3.2)	4.5	(0.2)
	Denmark	99.2	(0.4)	10.3	(1.9)	52.3	(3.4)	54.9	(3.5)	56.8	(3.3)	27.1	(3.1)	84.7	(2.4)	55.9	(3.5)	3.9	(0.1)
	Finland	98.7	(0.3)	93.3	(1.6)	17.0	(2.5)	45.8	(3.4)	59.5	(3.5)	15.5	(2.2)	60.5	(3.6)	21.1	(2.7)	3.9	(0.1)
	France	97.2	(1.1)	96.4	(1.3)	42.7	(3.4)	62.2	(2.9)	73.2	(3.1)	22.6	(3.0)	50.4	(3.5)	40.6	(3.4)	4.2	(0.1)
	Germany	95.9	(1.5)	95.8	(1.5)	39.5	(3.2)	43.4	(3.3)	57.2	(3.7)	24.2	(3.2)	60.8	(3.6)	27.7	(3.1)	4.0	(0.1)
	Greece	100.0	c	98.2	(1.0)	8.1	(2.4)	17.0	(2.4)	55.9	(3.6)	14.0	(2.4)	49.4	(3.6)	21.9	(2.8)	3.4	(0.1)
	Hungary	93.9	(1.8)	69.2	(3.7)	47.1	(3.6)	78.5	(3.3)	92.6	(2.0)	57.8	(3.9)	77.4	(3.0)	71.3	(3.9)	4.9	(0.1)
	Iceland	100.0	c	15.0	(0.2)	42.4	(0.3)	77.1	(0.2)	89.2	(0.1)	39.1	(0.2)	92.8	(0.1)	73.2	(0.2)	4.8	(0.0)
	Ireland	100.0	c	62.0	(4.0)	81.4	(2.9)	77.3	(3.0)	86.4	(2.7)	46.5	(4.1)	68.4	(3.9)	35.2	(4.0)	4.9	(0.1)
	Italy	99.3	(0.4)	86.6	(1.8)	53.4	(2.0)	65.1	(2.2)	82.0	(1.6)	29.6	(1.9)	91.7	(1.2)	36.6	(2.1)	4.8	(0.1)
	Japan	99.2	(0.6)	90.4	(2.1)	45.3	(3.5)	17.3	(2.5)	51.6	(3.5)	75.7	(3.0)	79.2	(2.9)	14.9	(2.6)	4.3	(0.1)
	Korea	94.7	(1.9)	56.3	(4.2)	85.6	(2.8)	70.2	(3.6)	89.9	(2.6)	85.3	(3.0)	96.3	(1.6)	66.8	(3.8)	4.8	(0.2)
	Luxembourg	95.4	(0.0)	94.2	(0.1)	41.2	(0.1)	74.2	(0.1)	72.3	(0.1)	22.3	(0.1)	73.8	(0.1)	39.8	(0.1)	4.4	(0.0)
	Mexico	99.0	(0.3)	91.5	(1.2)	72.8	(1.7)	77.1	(1.5)	92.3	(1.0)	76.7	(1.3)	88.4	(1.2)	70.6	(1.6)	5.0	(0.1)
	Netherlands	99.3	(0.9)	97.7	(1.1)	61.0	(3.7)	69.7	(4.1)	88.8	(2.7)	68.4	(3.9)	78.1	(3.5)	64.1	(4.2)	4.7	(0.2)
	New Zealand	100.0	c	76.7	(3.3)	93.6	(2.1)	92.8	(2.7)	100.0	c	67.7	(3.8)	99.4	(0.5)	87.5	(3.4)	5.5	(0.2)
	Norway	98.3	(1.0)	1.5	(0.9)	47.9	(3.3)	68.2	(3.0)	83.8	(2.7)	30.2	(3.3)	73.8	(3.2)	51.9	(3.3)	4.2	(0.1)
	Poland	99.2	(0.7)	97.7	(1.2)	55.0	(3.8)	58.2	(3.6)	96.3	(1.5)	78.9	(3.0)	95.4	(1.7)	59.4	(3.9)	5.0	(0.1)
	Portugal	100.0	c	98.2	(1.1)	40.3	(4.6)	85.0	(3.5)	95.9	(1.6)	50.5	(3.6)	93.5	(2.1)	63.2	(4.2)	5.2	(0.1)
	Slovak Republic	100.0	c	93.4	(1.4)	38.2	(3.4)	64.2	(3.5)	70.7	(3.9)	69.0	(3.3)	83.0	(2.6)	69.3	(3.3)	4.6	(0.1)
	Spain	99.5	(0.4)	94.6	(0.9)	47.2	(3.3)	44.0	(2.5)	88.5	(1.8)	50.1	(2.8)	93.7	(1.2)	36.9	(2.4)	4.8	(0.1)
	Sweden	93.9	(1.8)	43.0	(4.0)	25.2	(3.3)	89.8	(2.3)	96.2	(1.4)	43.6	(3.6)	83.9	(2.6)	84.9	(2.8)	5.0	(0.1)
Switzerland	93.7	(1.8)	85.7	(2.4)	40.1	(3.1)	41.1	(3.2)	48.0	(3.4)	36.4	(3.8)	50.7	(3.7)	27.5	(3.6)	3.7	(0.1)	
Turkey	97.1	(1.5)	55.3	(4.1)	44.1	(4.0)	74.9	(3.7)	92.6	(1.9)	70.8	(3.7)	68.5	(3.6)	84.9	(2.9)	4.9	(0.1)	
United States	98.7	(1.0)	56.8	(4.2)	74.3	(3.7)	93.6	(2.6)	95.2	(2.0)	59.9	(4.2)	94.1	(1.6)	86.3	(2.9)	5.1	(0.2)	
OECD average 2003	97.9	(0.2)	74.7	(0.4)	49.7	(0.6)	61.7	(0.6)	79.6	(0.5)	48.4	(0.6)	80.1	(0.5)	52.5	(0.6)	4.6	(0.0)	
Partners	Brazil	97.0	(0.9)	91.2	(1.6)	47.0	(2.4)	83.2	(1.9)	97.0	(0.8)	79.9	(2.0)	88.7	(1.5)	56.4	(2.5)	5.0	(0.1)
	Hong Kong-China	98.1	(1.1)	98.1	(1.1)	86.4	(2.9)	44.1	(4.7)	96.1	(1.7)	80.0	(3.5)	99.4	(0.6)	30.5	(3.7)	5.4	(0.1)
	Indonesia	97.1	(1.7)	92.8	(2.1)	79.6	(3.2)	69.0	(4.3)	98.1	(1.3)	95.8	(2.1)	97.1	(1.6)	86.9	(2.9)	5.4	(0.2)
	Latvia	100.0	c	96.9	(1.2)	38.1	(3.5)	92.5	(1.6)	99.8	(0.2)	92.5	(1.8)	99.6	(0.5)	85.5	(2.3)	5.5	(0.1)
	Liechtenstein	100.0	c	71.8	(1.4)	49.1	(1.2)	68.1	(1.4)	66.8	(1.0)	20.2	(1.2)	69.5	(1.5)	59.4	(0.8)	5.0	(0.0)
	Macao-China	99.4	(0.0)	94.9	(0.0)	65.2	(0.1)	31.9	(0.0)	86.7	(0.1)	75.3	(0.1)	96.5	(0.0)	21.4	(0.0)	5.1	(0.0)
	Russian Federation	99.4	(0.6)	94.4	(1.9)	56.7	(4.4)	93.2	(1.5)	99.7	(0.3)	99.2	(0.7)	99.2	(0.8)	97.8	(1.0)	5.8	(0.1)
	Thailand	99.5	(0.5)	86.1	(2.8)	79.4	(2.9)	85.2	(2.1)	97.3	(1.2)	91.0	(2.1)	95.8	(1.5)	75.6	(3.3)	5.3	(0.2)
	Tunisia	80.0	(3.4)	95.4	(1.9)	51.6	(4.4)	70.7	(4.0)	89.1	(2.6)	67.1	(4.1)	55.9	(4.3)	69.1	(4.4)	4.8	(0.1)
	Uruguay	95.0	(1.6)	92.1	(1.7)	25.2	(3.3)	16.5	(2.8)	87.5	(2.3)	31.2	(3.6)	86.3	(2.5)	12.2	(2.3)	4.2	(0.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957498>





[Part 3/3]

**Change between 2003 and 2012 in assessment practices**Table IV.4.36 *Results based on school principals' reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)																	
		Percentage of students in schools whose principal reported that assessments of students in national modal grade for 15-year-olds are used for the following purposes:												Index of assessment practices (sum of "yes" for these eight practices)					
		To inform parents about their child's progress		To make decisions about students' retention or promotion		To group students for instructional purposes		To compare the school to district or national performance		To monitor the school's progress from year to year		To make judgements about teachers' effectiveness		To identify aspects of instruction or the curriculum that could be improved		To compare the school with other schools		Index of assessment practices (sum of "yes" for these eight practices)	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	Dif.	S.E.
OECD	Australia	0.0	c	1.3	(3.4)	5.7	(2.9)	1.4	(3.0)	<b>11.1</b>	(3.0)	<b>15.8</b>	(3.4)	<b>9.3</b>	(2.7)	5.5	(3.3)	<b>-0.5</b>	(0.1)
	Austria	3.4	(2.8)	1.0	(2.9)	-1.3	(3.4)	<b>16.1</b>	(4.9)	3.4	(5.8)	3.5	(5.3)	4.0	(5.2)	-8.0	(5.7)	-0.3	(0.2)
	Belgium	<b>-3.0</b>	(1.4)	<b>-2.9</b>	(1.4)	<b>-2.7</b>	(3.3)	<b>13.7</b>	(3.4)	<b>22.2</b>	(4.2)	<b>15.8</b>	(3.8)	7.0	(4.3)	<b>11.4</b>	(2.8)	<b>0.3</b>	(0.1)
	Canada	0.3	(0.4)	-0.5	(1.5)	2.1	(3.0)	<b>12.2</b>	(2.7)	<b>12.8</b>	(2.0)	-1.2	(3.0)	2.5	(2.4)	<b>9.0</b>	(3.3)	<b>-0.6</b>	(0.1)
	Czech Republic	<b>-5.2</b>	(1.9)	<b>-12.4</b>	(3.5)	-2.4	(4.7)	8.2	(4.6)	0.6	(3.6)	1.2	(4.8)	-2.4	(3.4)	7.9	(4.9)	<b>-1.1</b>	(0.2)
	Denmark	<b>31.5</b>	(3.5)	<b>6.5</b>	(2.1)	<b>38.2</b>	(4.3)	<b>48.9</b>	(3.8)	<b>48.3</b>	(3.9)	<b>23.4</b>	(3.4)	<b>38.0</b>	(4.5)	<b>53.0</b>	(3.7)	<b>2.4</b>	(0.1)
	Finland	<b>-1.3</b>	(0.3)	-2.0	(1.8)	-0.2	(3.9)	<b>-10.5</b>	(5.3)	-5.5	(5.4)	<b>-16.6</b>	(4.1)	-5.1	(5.1)	<b>-13.8</b>	(4.4)	<b>0.8</b>	(0.2)
	France	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Germany	-0.1	(2.0)	-0.5	(1.9)	3.7	(4.4)	<b>22.2</b>	(4.6)	<b>13.1</b>	(4.9)	<b>12.4</b>	(4.0)	<b>16.0</b>	(5.3)	<b>10.7</b>	(4.1)	<b>0.4</b>	(0.2)
	Greece	3.4	c	-1.2	(1.2)	-3.0	(3.2)	4.8	(3.7)	<b>20.4</b>	(6.8)	-1.1	(5.0)	8.9	(6.4)	6.0	(4.1)	0.1	(0.2)
	Hungary	<b>-5.2</b>	(2.0)	<b>-25.6</b>	(4.2)	<b>12.2</b>	(5.1)	-7.9	(4.2)	-3.2	(2.5)	<b>-19.2</b>	(5.2)	<b>-16.3</b>	(5.2)	-6.2	(5.1)	<b>-1.7</b>	(0.1)
	Iceland	0.3	c	0.2	(0.3)	<b>-13.7</b>	(0.3)	<b>-7.0</b>	(0.2)	<b>1.2</b>	(0.2)	<b>8.2</b>	(0.3)	<b>-3.8</b>	(0.1)	<b>7.6</b>	(0.3)	<b>-0.6</b>	(0.0)
	Ireland	0.7	c	<b>18.3</b>	(5.8)	3.3	(4.4)	<b>60.1</b>	(4.6)	<b>36.9</b>	(4.8)	<b>29.6</b>	(5.2)	<b>26.2</b>	(5.8)	<b>26.4</b>	(4.7)	<b>1.3</b>	(0.2)
	Italy	<b>3.3</b>	(1.4)	3.0	(3.3)	1.9	(4.4)	<b>32.3</b>	(4.1)	<b>12.7</b>	(3.4)	6.2	(3.7)	<b>7.9</b>	(3.2)	7.5	(3.8)	0.1	(0.1)
	Japan	0.9	(1.2)	0.8	(3.3)	0.6	(5.7)	-0.5	(4.3)	3.9	(5.7)	-5.8	(4.4)	0.3	(4.5)	3.1	(3.9)	<b>-0.4</b>	(0.2)
	Korea	-0.8	(2.6)	<b>31.5</b>	(5.6)	<b>22.9</b>	(4.9)	8.2	(5.2)	<b>31.3</b>	(4.7)	<b>30.8</b>	(5.2)	6.2	(3.2)	<b>11.9</b>	(5.4)	-0.2	(0.2)
	Luxembourg	-4.6	c	-5.8	c	<b>11.5</b>	(0.1)	<b>52.4</b>	(0.1)	<b>46.2</b>	(0.1)	<b>1.3</b>	(0.1)	<b>10.9</b>	(0.1)	<b>29.5</b>	(0.1)	<b>0.7</b>	(0.0)
	Mexico	2.3	(0.9)	-1.5	(2.1)	<b>13.4</b>	(3.6)	<b>21.6</b>	(3.5)	1.2	(1.9)	-0.6	(3.4)	-0.8	(2.5)	<b>20.1</b>	(3.9)	<b>-1.0</b>	(0.1)
	Netherlands	-0.2	(1.1)	0.9	(2.0)	<b>-27.7</b>	(4.6)	6.2	(5.8)	<b>25.5</b>	(5.0)	<b>26.2</b>	(5.9)	6.4	(5.3)	<b>17.1</b>	(6.1)	<b>-1.0</b>	(0.2)
	New Zealand	1.6	c	-1.2	(4.3)	<b>19.9</b>	(3.7)	6.1	(3.6)	4.4	c	<b>14.8</b>	(5.1)	<b>3.6</b>	(1.3)	<b>13.9</b>	(4.7)	<b>-1.0</b>	(0.2)
Norway	-1.7	c	1.5	c	10.1	(5.2)	4.4	(4.7)	<b>16.1</b>	(4.3)	<b>10.7</b>	(4.5)	3.7	(4.7)	4.7	(5.1)	0.2	(0.2)	
Poland	1.2	(1.4)	<b>13.5</b>	(3.1)	<b>22.0</b>	(5.6)	<b>-12.9</b>	(5.2)	-0.3	(2.1)	5.6	(4.4)	<b>7.7</b>	(3.3)	-2.9	(5.3)	<b>-1.0</b>	(0.1)	
Portugal	1.2	c	1.6	(1.9)	<b>14.2</b>	(5.9)	<b>52.1</b>	(5.5)	<b>17.4</b>	(3.5)	<b>15.8</b>	(5.7)	<b>9.2</b>	(3.8)	<b>40.9</b>	(5.4)	<b>0.5</b>	(0.2)	
Slovak Republic	1.3	c	-3.2	(1.8)	<b>-16.8</b>	(5.2)	<b>18.3</b>	(5.1)	<b>-24.3</b>	(4.2)	-6.0	(4.2)	-6.0	(3.4)	<b>21.7</b>	(4.5)	<b>-1.4</b>	(0.2)	
Spain	-0.2	(0.5)	<b>-4.9</b>	(1.0)	-0.4	(4.8)	<b>25.8</b>	(3.3)	<b>19.9</b>	(3.7)	<b>14.2</b>	(4.5)	<b>5.2</b>	(2.6)	<b>19.7</b>	(3.3)	0.0	(0.1)	
Sweden	-2.5	(2.3)	4.1	(5.7)	<b>-20.1</b>	(5.1)	<b>16.8</b>	(3.9)	<b>10.8</b>	(3.1)	<b>22.4</b>	(4.8)	3.2	(3.9)	<b>20.2</b>	(4.5)	0.0	(0.2)	
Switzerland	-0.4	(2.3)	<b>-9.5</b>	(2.8)	<b>12.0</b>	(4.5)	<b>22.5</b>	(3.8)	<b>23.0</b>	(5.7)	-0.3	(5.1)	-1.2	(5.2)	<b>11.5</b>	(5.1)	0.1	(0.2)	
Turkey	<b>12.4</b>	(3.3)	<b>-15.7</b>	(5.8)	-6.7	(5.9)	<b>16.2</b>	(5.7)	<b>16.3</b>	(3.8)	<b>36.9</b>	(5.7)	<b>34.5</b>	(5.2)	<b>26.0</b>	(5.3)	0.2	(0.2)	
United States	0.3	(1.3)	<b>-19.6</b>	(5.0)	8.4	(4.9)	2.9	(3.2)	1.7	(2.6)	5.2	(5.2)	2.1	(2.5)	6.0	(4.1)	<b>-1.4</b>	(0.2)	
OECD average 2003	<b>1.4</b>	(0.4)	-0.8	(0.7)	<b>3.8</b>	(0.8)	<b>15.5</b>	(0.8)	<b>13.1</b>	(0.6)	<b>8.9</b>	(0.8)	<b>6.3</b>	(0.8)	<b>12.9</b>	(0.8)	<b>-0.2</b>	(0.0)	
Partners	Brazil	<b>9.2</b>	(2.8)	<b>7.8</b>	(3.0)	2.3	(4.7)	<b>45.6</b>	(4.0)	<b>21.3</b>	(3.6)	<b>24.3</b>	(4.0)	-3.4	(2.5)	<b>33.2</b>	(3.8)	0.0	(0.2)
	Hong Kong-China	-0.6	(1.4)	1.9	(1.9)	<b>23.1</b>	(5.0)	<b>21.3</b>	(6.1)	5.5	(3.0)	<b>16.1</b>	(5.3)	2.5	(1.3)	<b>11.5</b>	(4.9)	-0.1	(0.2)
	Indonesia	<b>7.9</b>	(3.0)	<b>8.5</b>	(3.3)	<b>33.2</b>	(5.0)	<b>18.4</b>	(5.7)	<b>12.1</b>	(3.0)	<b>8.5</b>	(3.3)	<b>18.3</b>	(3.5)	<b>9.6</b>	(4.1)	<b>-0.6</b>	(0.3)
	Latvia	0.0	c	2.8	(2.9)	-1.9	(5.5)	<b>12.7</b>	(4.4)	0.6	(0.7)	6.1	(3.4)	2.8	(1.5)	<b>20.4</b>	(4.8)	<b>-1.1</b>	(0.1)
	Liechtenstein	0.0	c	<b>-25.0</b>	(1.4)	<b>-8.6</b>	(1.3)	<b>39.4</b>	(1.4)	<b>49.4</b>	(1.0)	<b>-18.9</b>	(1.3)	<b>48.2</b>	(1.6)	<b>20.1</b>	(0.9)	<b>1.0</b>	(0.0)
	Macao-China	<b>2.8</b>	(0.1)	<b>-1.6</b>	(0.1)	<b>21.9</b>	(0.2)	<b>28.8</b>	(0.1)	<b>5.2</b>	(0.2)	<b>-6.2</b>	(0.3)	<b>-1.0</b>	(0.1)	<b>6.9</b>	(0.2)	<b>0.1</b>	(0.0)
	Russian Federation	-0.6	c	-2.3	(2.4)	1.0	(5.9)	<b>23.3</b>	(4.4)	<b>2.7</b>	(1.3)	0.5	(1.1)	0.4	(1.1)	<b>16.5</b>	(3.4)	<b>-1.2</b>	(0.1)
	Thailand	<b>9.8</b>	(2.6)	<b>14.1</b>	(4.9)	2.2	(4.5)	<b>25.9</b>	(4.2)	<b>9.3</b>	(3.2)	<b>20.3</b>	(4.1)	<b>18.9</b>	(4.0)	<b>18.8</b>	(5.2)	<b>-0.6</b>	(0.3)
	Tunisia	5.1	(4.8)	<b>11.1</b>	(3.5)	8.0	(6.2)	-2.4	(5.4)	7.2	(4.2)	4.4	(5.5)	<b>-16.0</b>	(5.4)	-2.7	(5.5)	<b>-0.8</b>	(0.2)
	Uruguay	0.7	(2.4)	1.5	(2.9)	-3.8	(4.5)	-1.7	(4.2)	<b>11.0</b>	(4.6)	-9.5	(5.7)	<b>17.5</b>	(4.5)	1.7	(3.4)	0.0	(0.1)


Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink <http://dx.doi.org/10.1787/888932957498>

[Part 1/1]

## Change between 2003 and 2012 in monitoring mathematics teachers' practice

Table IV.4.37 Results based on school principals' reports

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)							
	Percentage of students in schools whose principal reported that the following methods have been used to monitor the practice of mathematics teachers at their schools:				Percentage of students in schools whose principal reported that the following methods have been used to monitor the practice of mathematics teachers at their schools:				Percentage of students in schools whose principal reported that the following methods have been used to monitor the practice of mathematics teachers at their schools:							
	Tests or assessments of student achievement	Teacher peer review of lesson plans, assessment instruments and lessons	Principal or senior staff observations of lessons	Observation of classes by inspectors or other persons external to the school	Tests or assessments of student achievement	Teacher peer review of lesson plans, assessment instruments and lessons	Principal or senior staff observations of lessons	Observation of classes by inspectors or other persons external to the school	Tests or assessments of student achievement	Teacher peer review of lesson plans, assessment instruments and lessons	Principal or senior staff observations of lessons	Observation of classes by inspectors or other persons external to the school				
%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	
<b>OECD</b>																
Australia	58.7 (3.1)	65.0 (3.3)	63.4 (2.6)	7.8 (1.9)	78.8 (1.5)	77.4 (1.5)	70.0 (1.8)	10.9 (1.3)	<b>20.0</b> (3.5)	<b>12.4</b> (3.6)	<b>6.6</b> (3.1)	3.1 (2.3)				
Austria	25.3 (3.7)	78.5 (3.6)	77.9 (3.3)	37.1 (3.4)	91.0 (2.1)	78.6 (3.4)	73.9 (3.5)	29.2 (3.1)	<b>65.7</b> (4.3)	0.1 (4.9)	-4.0 (4.8)	-7.8 (4.6)				
Belgium	40.9 (3.0)	61.7 (3.0)	57.8 (3.2)	47.5 (3.1)	65.6 (3.2)	76.3 (2.4)	65.0 (3.2)	48.0 (2.8)	<b>24.7</b> (4.3)	<b>14.5</b> (3.9)	7.2 (4.5)	0.5 (4.2)				
Canada	m	m	86.9 (1.2)	10.1 (1.2)	72.9 (2.3)	60.0 (2.1)	81.9 (1.6)	20.6 (2.2)	m	m	<b>-5.0</b> (2.0)	<b>10.5</b> (2.5)				
Czech Republic	73.4 (3.1)	63.0 (2.9)	99.3 (0.4)	31.5 (2.9)	92.0 (2.3)	66.6 (3.7)	98.0 (0.8)	32.7 (3.8)	<b>18.5</b> (3.9)	3.6 (4.7)	-1.3 (0.9)	1.3 (4.8)				
Denmark	12.8 (2.6)	31.1 (3.5)	63.0 (3.3)	11.3 (2.3)	75.1 (2.8)	40.9 (3.6)	64.3 (3.8)	16.8 (2.5)	<b>62.2</b> (3.8)	9.7 (5.0)	1.3 (5.1)	5.6 (3.4)				
Finland	47.2 (3.8)	35.0 (3.8)	34.4 (3.4)	3.8 (1.6)	39.6 (3.2)	19.1 (2.9)	31.3 (2.5)	2.2 (0.8)	-7.6 (5.0)	<b>-15.9</b> (4.8)	-3.1 (4.2)	-1.6 (1.8)				
France	w	w	w	w	w	w	w	w	60.5 (3.4)	42.5 (3.5)	12.3 (2.3)	72.9 (3.3)				
Germany	61.6 (3.2)	25.3 (3.1)	69.4 (3.3)	25.7 (2.8)	72.1 (3.3)	44.6 (3.0)	66.9 (3.3)	22.1 (3.0)	<b>10.5</b> (4.7)	<b>19.3</b> (4.3)	-2.5 (4.7)	-3.6 (4.1)				
Greece	34.5 (5.7)	4.6 (1.9)	7.2 (3.4)	16.1 (4.1)	59.7 (3.7)	26.0 (3.5)	8.3 (2.3)	20.6 (3.0)	<b>25.2</b> (6.8)	<b>21.4</b> (4.0)	1.0 (4.1)	4.5 (5.1)				
Hungary	62.6 (4.1)	83.1 (3.0)	95.8 (1.5)	26.0 (3.9)	74.3 (3.6)	74.5 (3.1)	96.7 (1.3)	13.0 (2.4)	<b>11.7</b> (5.4)	<b>-8.6</b> (4.3)	0.9 (2.0)	<b>-12.9</b> (4.5)				
Iceland	80.3 (0.2)	12.6 (0.1)	46.7 (0.2)	1.8 (0.1)	84.2 (0.2)	12.1 (0.2)	46.4 (0.2)	25.3 (0.2)	<b>3.9</b> (0.2)	<b>-0.5</b> (0.2)	-0.2 (0.3)	<b>23.5</b> (0.2)				
Ireland	42.0 (4.3)	9.2 (2.7)	6.6 (2.3)	4.7 (1.6)	65.3 (3.9)	33.7 (3.6)	12.7 (2.4)	48.5 (3.9)	<b>23.3</b> (5.8)	<b>24.4</b> (4.5)	6.1 (3.4)	<b>43.8</b> (4.2)				
Italy	44.4 (3.8)	84.0 (2.8)	16.1 (2.8)	1.2 (0.8)	74.1 (1.8)	87.4 (1.7)	17.2 (1.4)	0.6 (0.2)	<b>29.7</b> (4.1)	3.3 (3.3)	1.1 (3.1)	-0.5 (4.8)				
Japan	56.9 (4.0)	51.2 (4.3)	55.9 (4.4)	15.1 (3.0)	69.4 (3.3)	54.2 (3.4)	81.0 (2.6)	26.5 (3.1)	<b>12.5</b> (5.2)	3.1 (5.4)	<b>25.1</b> (5.1)	<b>11.4</b> (4.3)				
Korea	70.6 (3.2)	73.2 (3.7)	90.1 (2.6)	61.9 (3.4)	84.1 (3.1)	98.7 (0.9)	96.0 (1.7)	68.5 (3.8)	<b>13.5</b> (4.5)	<b>25.5</b> (3.8)	5.9 (3.1)	6.6 (5.1)				
Luxembourg	58.9 (0.1)	27.2 (0.1)	42.2 (0.1)	7.3 (0.0)	80.6 (0.1)	63.3 (0.1)	47.9 (0.1)	6.4 (0.0)	<b>21.7</b> (0.1)	<b>36.1</b> (0.1)	<b>5.7</b> (0.1)	<b>-0.9</b> (0.0)				
Mexico	92.2 (1.6)	62.8 (3.3)	72.1 (2.6)	36.3 (3.2)	92.5 (0.9)	76.4 (1.7)	76.6 (1.3)	41.1 (1.7)	0.3 (1.8)	<b>13.6</b> (3.7)	4.5 (2.9)	4.7 (3.7)				
Netherlands	54.1 (4.2)	52.0 (4.9)	58.4 (4.8)	33.3 (4.3)	83.2 (3.6)	54.0 (4.6)	86.6 (3.1)	41.9 (4.5)	<b>29.1</b> (5.6)	2.0 (6.7)	<b>28.3</b> (5.7)	8.6 (6.2)				
New Zealand	73.0 (3.1)	91.2 (2.2)	94.3 (1.7)	52.4 (3.2)	84.1 (3.5)	91.7 (2.3)	96.6 (1.1)	32.3 (3.4)	<b>11.1</b> (4.6)	0.5 (3.2)	2.3 (2.0)	<b>-20.2</b> (4.7)				
Norway	49.1 (3.9)	35.3 (3.8)	25.9 (3.3)	6.9 (2.2)	72.4 (2.7)	53.9 (4.1)	47.7 (3.7)	10.9 (2.2)	<b>23.3</b> (4.7)	<b>18.7</b> (5.6)	<b>21.8</b> (5.0)	4.0 (3.1)				
Poland	94.9 (1.8)	71.9 (3.6)	97.4 (1.3)	13.7 (2.6)	100.0 c	64.4 (4.0)	94.4 (1.8)	16.2 (3.1)	5.1 c	-7.5 (5.4)	-3.0 (2.2)	2.5 (4.0)				
Portugal	32.9 (4.7)	58.0 (4.7)	4.9 (1.6)	9.6 (2.8)	98.2 (1.1)	71.3 (4.6)	60.2 (3.4)	4.2 (2.2)	<b>65.2</b> (4.8)	<b>13.3</b> (6.6)	<b>55.3</b> (3.8)	-5.4 (3.6)				
Slovak Republic	70.1 (3.0)	87.9 (2.2)	97.8 (1.0)	24.6 (3.0)	74.6 (3.2)	84.2 (3.0)	98.2 (0.8)	27.0 (3.4)	4.5 (4.4)	-3.7 (3.7)	0.4 (1.3)	2.4 (4.5)				
Spain	71.9 (3.2)	39.1 (3.5)	14.8 (2.6)	14.1 (2.5)	78.0 (2.5)	21.9 (2.2)	9.6 (1.4)	15.5 (2.4)	6.2 (4.1)	<b>-17.2</b> (4.2)	-5.2 (3.0)	1.3 (3.5)				
Sweden	41.4 (4.0)	21.3 (3.0)	58.4 (3.4)	15.7 (2.4)	67.5 (3.5)	58.7 (3.7)	79.7 (3.2)	26.9 (3.4)	<b>26.1</b> (5.3)	<b>37.4</b> (4.8)	<b>21.3</b> (4.6)	<b>11.3</b> (4.1)				
Switzerland	42.7 (3.6)	45.7 (3.9)	41.8 (4.3)	58.8 (4.0)	60.6 (3.0)	62.9 (3.3)	83.0 (2.2)	28.7 (2.7)	<b>17.9</b> (4.7)	<b>17.2</b> (5.1)	<b>41.2</b> (4.9)	<b>-30.0</b> (4.8)				
Turkey	72.3 (4.2)	77.0 (4.0)	89.3 (2.6)	39.5 (4.3)	91.6 (2.7)	51.8 (3.8)	93.9 (1.9)	22.1 (3.6)	<b>19.3</b> (5.0)	<b>-25.2</b> (5.5)	4.6 (3.2)	<b>-17.4</b> (5.6)				
United States	89.2 (2.2)	59.6 (3.2)	99.7 (0.3)	37.2 (3.6)	89.4 (2.7)	65.9 (3.7)	99.7 (0.3)	42.0 (4.5)	0.2 (3.5)	6.4 (4.9)	0.0 (0.5)	4.8 (5.8)				
OECD average 2003	57.5 (0.7)	51.6 (0.6)	59.6 (0.5)	23.2 (0.5)	77.5 (0.6)	59.0 (0.6)	67.3 (0.4)	25.0 (0.5)	<b>20.1</b> (0.9)	<b>7.4</b> (0.9)	<b>7.7</b> (0.7)	<b>1.8</b> (0.8)				
<b>Partners</b>																
Brazil	75.4 (3.3)	53.8 (3.3)	49.6 (3.7)	11.5 (2.2)	88.3 (1.4)	74.8 (2.2)	49.8 (2.1)	22.8 (2.4)	<b>12.8</b> (3.6)	<b>21.0</b> (4.0)	0.2 (4.2)	<b>11.3</b> (3.3)				
Hong Kong-China	82.4 (3.5)	86.0 (2.8)	92.2 (2.4)	26.2 (3.5)	94.9 (1.8)	85.0 (3.1)	96.7 (1.5)	39.0 (4.1)	<b>12.5</b> (3.9)	-1.0 (4.2)	4.5 (2.8)	<b>12.9</b> (5.4)				
Indonesia	91.3 (1.9)	66.9 (4.0)	91.6 (2.2)	75.0 (3.4)	91.3 (2.4)	91.3 (1.6)	95.4 (1.5)	77.1 (3.6)	-0.1 (3.1)	<b>24.5</b> (4.3)	3.9 (2.7)	2.1 (4.9)				
Latvia	94.8 (2.3)	97.5 (1.3)	99.5 (0.5)	41.4 (4.9)	83.2 (2.8)	89.3 (2.3)	100.0 c	41.0 (3.1)	<b>-11.6</b> (3.6)	<b>-8.2</b> (2.7)	0.5 c	-0.3 (5.8)				
Liechtenstein	59.2 (0.5)	52.7 (0.5)	5.0 (0.3)	96.2 (0.3)	82.4 (0.7)	69.6 (1.0)	49.4 (0.8)	86.9 (0.6)	<b>23.2</b> (0.8)	<b>16.9</b> (1.1)	<b>44.3</b> (0.8)	<b>-9.2</b> (0.7)				
Macao-China	87.5 (0.1)	95.5 (0.2)	95.0 (0.0)	29.9 (0.3)	89.9 (0.0)	88.0 (0.1)	96.0 (0.0)	47.9 (0.0)	<b>2.4</b> (0.1)	<b>-7.5</b> (0.2)	<b>1.1</b> (0.1)	<b>18.0</b> (0.3)				
Russian Federation	95.5 (1.6)	98.4 (1.0)	100.0 c	73.8 (3.3)	98.9 (0.5)	95.9 (1.1)	99.5 (0.3)	43.8 (4.2)	<b>3.5</b> (1.7)	-2.5 (1.5)	-0.5 c	<b>-30.0</b> (5.3)				
Thailand	91.1 (2.0)	85.4 (2.5)	87.1 (2.7)	49.3 (3.7)	97.9 (1.1)	92.5 (2.1)	95.1 (1.6)	44.7 (4.3)	<b>6.8</b> (2.3)	<b>7.1</b> (3.3)	<b>8.0</b> (3.2)	-4.6 (5.7)				
Tunisia	79.0 (3.6)	60.1 (4.0)	74.2 (3.6)	80.4 (3.4)	75.0 (3.8)	39.6 (3.9)	50.1 (4.1)	86.9 (2.7)	-4.0 (5.2)	<b>-20.5</b> (5.6)	<b>-24.1</b> (5.5)	6.5 (4.3)				
Uruguay	50.7 (4.0)	63.2 (3.2)	92.4 (1.6)	51.9 (3.7)	57.8 (3.9)	63.3 (3.6)	88.4 (2.2)	66.2 (3.2)	7.0 (5.6)	0.1 (4.8)	-4.1 (2.7)	<b>14.2</b> (4.8)				

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. StatLink  <http://dx.doi.org/10.1787/888932957498>




[Part 1/1]  
Arriving late for school

Table IV.5.1 Results based on students' self-reports

		Percentage of students who reported having arrived late for school in the two weeks prior to the PISA test:							
		Not at all		One or two times		Three or four times		Five or more times	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	64.5	(0.6)	25.4	(0.5)	6.6	(0.3)	3.5	(0.2)
	Austria	79.1	(0.9)	15.6	(0.7)	3.2	(0.3)	2.0	(0.3)
	Belgium	72.7	(0.7)	20.8	(0.6)	3.7	(0.3)	2.8	(0.2)
	Canada	56.9	(0.7)	28.6	(0.5)	9.2	(0.4)	5.4	(0.3)
	Chile	47.0	(1.1)	35.0	(0.7)	10.5	(0.5)	7.5	(0.5)
	Czech Republic	73.0	(0.8)	20.7	(0.7)	3.3	(0.3)	3.0	(0.3)
	Denmark	61.5	(1.1)	26.3	(0.7)	7.5	(0.4)	4.6	(0.4)
	Estonia	58.9	(0.9)	29.1	(0.7)	7.8	(0.4)	4.2	(0.4)
	Finland	57.0	(0.9)	30.8	(0.7)	8.2	(0.5)	4.0	(0.3)
	France	67.7	(0.9)	24.4	(0.7)	5.0	(0.4)	2.8	(0.3)
	Germany	77.3	(0.8)	17.8	(0.7)	3.0	(0.3)	1.9	(0.2)
	Greece	50.7	(1.0)	29.3	(0.7)	10.5	(0.5)	9.4	(0.4)
	Hungary	75.9	(1.2)	18.6	(1.0)	2.9	(0.4)	2.6	(0.3)
	Iceland	65.0	(0.8)	26.8	(0.8)	5.7	(0.4)	2.5	(0.2)
	Ireland	72.6	(1.0)	20.1	(0.7)	4.8	(0.4)	2.5	(0.3)
	Israel	45.7	(1.1)	35.7	(0.8)	11.0	(0.6)	7.7	(0.5)
	Italy	64.8	(0.6)	26.3	(0.5)	5.4	(0.3)	3.5	(0.2)
	Japan	91.1	(0.6)	7.5	(0.5)	1.0	(0.1)	0.5	(0.1)
	Korea	74.9	(1.0)	17.3	(0.7)	4.6	(0.4)	3.2	(0.3)
	Luxembourg	70.9	(0.5)	21.4	(0.5)	4.6	(0.3)	3.1	(0.2)
	Mexico	60.1	(0.6)	31.9	(0.5)	5.9	(0.2)	2.1	(0.1)
	Netherlands	69.7	(1.0)	23.4	(0.8)	3.7	(0.3)	3.2	(0.3)
	New Zealand	57.9	(1.3)	28.0	(0.8)	8.9	(0.6)	5.2	(0.3)
	Norway	70.8	(1.0)	21.2	(0.7)	4.9	(0.4)	3.1	(0.3)
	Poland	57.6	(1.2)	28.2	(0.7)	8.0	(0.5)	6.2	(0.5)
	Portugal	44.8	(1.0)	39.0	(0.7)	10.2	(0.5)	6.0	(0.4)
	Slovak Republic	73.8	(0.9)	20.1	(0.8)	3.7	(0.3)	2.5	(0.3)
	Slovenia	60.4	(0.8)	29.1	(0.7)	5.9	(0.4)	4.5	(0.3)
	Spain	64.7	(0.8)	24.3	(0.6)	6.5	(0.2)	4.4	(0.2)
	Sweden	44.4	(1.0)	34.3	(0.7)	12.9	(0.5)	8.4	(0.5)
	Switzerland	75.7	(0.8)	19.4	(0.6)	3.4	(0.3)	1.5	(0.1)
	Turkey	56.2	(1.0)	30.1	(0.7)	8.4	(0.5)	5.3	(0.4)
United Kingdom	68.2	(0.8)	24.0	(0.6)	5.1	(0.3)	2.7	(0.2)	
United States	69.9	(1.2)	21.8	(0.8)	5.1	(0.4)	3.2	(0.4)	
OECD average	64.7	(0.2)	25.1	(0.1)	6.2	(0.1)	4.0	(0.1)	
Partners	Albania	64.7	(0.7)	27.8	(0.6)	4.9	(0.4)	2.6	(0.3)
	Argentina	53.0	(1.3)	28.6	(0.8)	9.9	(0.6)	8.5	(0.6)
	Brazil	66.3	(0.8)	24.8	(0.6)	5.5	(0.3)	3.4	(0.2)
	Bulgaria	41.0	(1.1)	37.0	(0.7)	12.7	(0.6)	9.3	(0.7)
	Colombia	64.1	(1.4)	29.0	(1.1)	4.8	(0.4)	2.2	(0.3)
	Costa Rica	42.5	(1.1)	37.9	(0.9)	12.2	(0.7)	7.3	(0.6)
	Croatia	66.1	(0.9)	26.0	(0.7)	5.4	(0.3)	2.5	(0.3)
	Cyprus*	52.3	(0.7)	28.0	(0.6)	10.6	(0.5)	9.1	(0.4)
	Hong Kong-China	85.4	(0.6)	12.5	(0.5)	1.3	(0.2)	0.8	(0.1)
	Indonesia	73.0	(1.0)	22.2	(0.8)	3.0	(0.3)	1.7	(0.3)
	Jordan	64.6	(0.8)	25.1	(0.6)	5.5	(0.4)	4.8	(0.4)
	Kazakhstan	71.8	(1.2)	23.6	(0.9)	3.3	(0.3)	1.3	(0.2)
	Latvia	43.7	(1.2)	35.0	(0.9)	12.7	(0.6)	8.6	(0.7)
	Liechtenstein	81.3	(2.3)	16.5	(2.1)	1.0	(0.6)	1.1	(0.6)
	Lithuania	56.3	(1.2)	31.2	(0.9)	7.5	(0.4)	5.0	(0.4)
	Macao-China	74.9	(0.5)	20.9	(0.5)	2.7	(0.2)	1.5	(0.2)
	Malaysia	66.4	(1.0)	23.3	(0.8)	6.2	(0.3)	4.1	(0.3)
	Montenegro	60.6	(0.9)	29.7	(0.8)	5.4	(0.3)	4.4	(0.3)
	Peru	47.2	(1.2)	36.2	(0.9)	11.0	(0.5)	5.7	(0.5)
	Qatar	60.5	(0.5)	26.9	(0.4)	7.5	(0.2)	5.1	(0.2)
	Romania	54.2	(1.1)	31.4	(0.8)	7.8	(0.5)	6.6	(0.5)
	Russian Federation	53.3	(1.3)	30.9	(0.8)	8.2	(0.5)	7.6	(0.5)
	Serbia	58.2	(1.0)	30.4	(0.8)	6.6	(0.4)	4.8	(0.4)
	Shanghai-China	83.4	(0.7)	13.1	(0.6)	2.1	(0.3)	1.3	(0.2)
	Singapore	79.4	(0.5)	16.9	(0.5)	2.4	(0.2)	1.3	(0.2)
	Chinese Taipei	77.7	(0.8)	14.7	(0.6)	4.5	(0.3)	3.1	(0.3)
	Thailand	65.9	(1.2)	24.0	(0.8)	6.3	(0.5)	3.8	(0.3)
	Tunisia	48.2	(0.9)	38.4	(0.8)	7.6	(0.4)	5.8	(0.5)
	United Arab Emirates	68.5	(0.7)	22.8	(0.5)	5.0	(0.2)	3.8	(0.3)
	Uruguay	40.7	(0.9)	38.1	(0.7)	12.6	(0.5)	8.6	(0.5)
Viet Nam	83.8	(0.8)	14.2	(0.7)	1.4	(0.2)	0.7	(0.2)	

\* See notes at the beginning of this Annex.


StatLink  <http://dx.doi.org/10.1787/888932957517>

[Part 1/1]  
**Concentration of students arriving late for school**  
 Results based on students' self-reports

Table IV.5.2

		Percentage of students who are in schools where, in the two weeks prior to the PISA test...							
		Over 50% of students arrived late at least once		More than 25% but 50% of students or fewer arrived late at least once		More than 10% but 25% of students or fewer arrived late at least once		10% of students or fewer arrived late at least once	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	17.2	(1.4)	57.0	(1.9)	22.9	(1.7)	2.9	(0.7)
	Austria	5.4	(1.8)	29.2	(3.3)	34.6	(4.1)	30.8	(3.2)
	Belgium	6.7	(1.3)	46.1	(3.0)	38.9	(3.2)	8.2	(1.7)
	Canada	31.6	(2.3)	53.7	(2.7)	13.5	(1.3)	1.3	(0.4)
	Chile	53.4	(3.5)	44.9	(3.4)	1.4	(0.5)	0.3	(0.2)
	Czech Republic	8.2	(1.6)	39.7	(2.8)	39.2	(3.2)	12.8	(2.2)
	Denmark	23.0	(2.8)	52.3	(3.3)	20.6	(2.8)	4.1	(1.5)
	Estonia	27.4	(2.5)	54.7	(3.1)	12.7	(1.8)	5.2	(1.3)
	Finland	33.3	(3.3)	52.6	(3.7)	13.0	(2.4)	1.0	(0.5)
	France	13.9	(2.3)	47.5	(3.3)	31.6	(3.0)	6.9	(1.6)
	Germany	4.2	(1.3)	35.2	(3.4)	42.4	(3.2)	18.2	(2.4)
	Greece	51.7	(4.0)	44.4	(4.1)	2.3	(1.1)	1.6	(0.9)
	Hungary	10.2	(1.9)	28.9	(3.5)	34.0	(3.5)	26.9	(2.8)
	Iceland	12.2	(0.1)	65.9	(0.2)	18.4	(0.2)	3.5	(0.1)
	Ireland	5.6	(1.7)	43.3	(3.5)	45.5	(3.5)	5.6	(1.8)
	Israel	59.1	(3.8)	37.6	(3.8)	3.3	(1.4)	0.0	(0.0)
	Italy	17.7	(1.6)	56.7	(2.0)	22.2	(1.6)	3.3	(0.8)
	Japan	0.2	(0.2)	6.2	(1.7)	28.4	(3.3)	65.2	(3.7)
	Korea	5.1	(1.5)	44.9	(3.7)	34.9	(3.7)	15.0	(2.8)
	Luxembourg	3.5	(0.1)	51.9	(0.1)	44.1	(0.1)	0.5	(0.0)
	Mexico	27.0	(1.7)	54.4	(1.8)	15.5	(1.4)	3.1	(0.6)
	Netherlands	11.9	(2.3)	44.4	(3.8)	40.8	(3.9)	3.0	(1.2)
	New Zealand	30.1	(3.5)	56.2	(4.3)	13.3	(3.0)	0.4	(0.3)
	Norway	7.4	(1.9)	55.2	(3.6)	30.8	(3.4)	6.6	(1.7)
	Poland	32.6	(3.5)	45.7	(3.9)	19.2	(3.2)	2.4	(1.2)
	Portugal	64.8	(4.0)	34.1	(3.9)	1.0	(0.8)	0.1	(0.1)
	Slovak Republic	6.0	(1.2)	43.1	(3.7)	39.9	(3.8)	11.1	(2.2)
	Slovenia	23.4	(0.5)	65.9	(0.7)	7.9	(0.2)	2.8	(0.6)
	Spain	17.5	(2.0)	55.1	(3.2)	24.6	(2.7)	2.7	(0.8)
	Sweden	65.7	(3.4)	31.9	(3.3)	2.1	(1.1)	0.3	(0.2)
	Switzerland	5.2	(1.3)	36.1	(2.8)	42.6	(3.4)	16.1	(2.3)
	Turkey	27.0	(4.2)	66.3	(4.3)	6.6	(1.8)	0.1	(0.0)
	United Kingdom	7.7	(1.6)	59.5	(3.2)	28.5	(2.8)	4.3	(1.4)
United States	9.5	(2.2)	49.2	(4.3)	34.5	(4.3)	6.8	(2.0)	
OECD average	21.3	(0.4)	46.8	(0.6)	23.9	(0.5)	8.0	(0.3)	
Partners	Albania	7.3	(1.6)	75.8	(3.0)	14.7	(2.6)	2.2	(0.9)
	Argentina	47.3	(4.0)	41.2	(3.6)	11.3	(2.5)	0.2	(0.2)
	Brazil	14.8	(1.8)	50.9	(2.7)	32.0	(2.4)	2.3	(0.8)
	Bulgaria	71.2	(3.6)	28.0	(3.8)	0.7	(0.7)	0.1	(0.1)
	Colombia	17.3	(2.8)	58.0	(3.7)	18.0	(2.9)	6.7	(2.3)
	Costa Rica	70.0	(3.0)	25.4	(3.0)	4.5	(1.5)	0.0	c
	Croatia	13.5	(2.2)	59.3	(3.5)	22.5	(2.8)	4.6	(1.8)
	Cyprus*	47.0	(0.1)	49.4	(0.1)	3.5	(0.1)	0.1	(0.0)
	Hong Kong-China	0.1	(0.1)	11.4	(2.4)	54.1	(3.7)	34.4	(3.3)
	Indonesia	9.0	(1.9)	39.2	(3.5)	41.9	(3.5)	9.9	(2.3)
	Jordan	15.7	(2.5)	59.9	(3.7)	21.7	(3.0)	2.6	(1.3)
	Kazakhstan	10.5	(2.3)	44.2	(3.9)	32.5	(3.6)	12.7	(2.1)
	Latvia	65.9	(3.4)	29.7	(3.2)	3.4	(1.3)	1.0	(0.6)
	Liechtenstein	1.0	(0.6)	18.8	(0.9)	73.5	(1.0)	6.7	(0.5)
	Lithuania	35.4	(3.4)	50.7	(3.7)	10.8	(2.0)	3.1	(0.8)
	Macao-China	8.2	(0.1)	34.0	(0.0)	46.8	(0.1)	10.9	(0.0)
	Malaysia	10.9	(2.3)	61.5	(3.7)	25.0	(3.3)	2.5	(1.4)
	Montenegro	10.2	(0.1)	83.1	(0.1)	6.3	(0.1)	0.4	(0.0)
	Peru	56.8	(3.5)	39.0	(3.3)	4.2	(1.5)	0.0	c
	Qatar	18.3	(0.1)	68.6	(0.1)	11.5	(0.1)	1.6	(0.0)
	Romania	40.0	(3.6)	47.6	(3.9)	11.3	(2.5)	1.0	(0.5)
	Russian Federation	39.6	(4.0)	48.9	(4.6)	9.2	(2.3)	2.3	(0.4)
	Serbia	31.6	(3.6)	52.5	(4.2)	14.7	(2.8)	1.3	(0.9)
	Shanghai-China	0.0	c	17.9	(2.5)	55.8	(3.5)	26.2	(3.6)
	Singapore	1.0	(0.0)	32.0	(0.5)	48.9	(0.5)	18.0	(0.1)
	Chinese Taipei	1.4	(0.8)	38.8	(3.7)	45.7	(4.4)	14.1	(2.8)
	Thailand	20.9	(2.6)	43.0	(3.7)	31.0	(3.8)	5.1	(1.7)
	Tunisia	55.9	(4.0)	43.2	(4.1)	0.9	(0.8)	0.0	c
	United Arab Emirates	11.5	(1.9)	52.9	(2.7)	31.4	(2.1)	4.2	(0.6)
	Uruguay	79.1	(2.6)	18.6	(2.5)	1.5	(0.9)	0.8	(0.8)
Viet Nam	1.3	(0.6)	18.6	(2.9)	43.8	(4.2)	36.3	(4.0)	

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Skipping a day of school or some classes**  
*Results based on students' self-reports*

Table IV.5.3

	Percentage of students who reported having skipped a day of school in the two weeks prior to the PISA test:				Percentage of students who reported having skipped some classes in the two weeks prior to the PISA test:											
	Not at all		One or two times		Three or four times		Five or more times									
	%	S.E.	%	S.E.	%	S.E.	%	S.E.								
<b>OECD</b>																
Australia	68.2	(0.6)	25.7	(0.5)	4.3	(0.2)	1.8	(0.1)	86.5	(0.4)	10.4	(0.3)	1.9	(0.1)	1.2	(0.1)
Austria	92.0	(0.5)	7.1	(0.5)	0.4	(0.1)	0.5	(0.1)	87.2	(0.8)	11.4	(0.7)	1.0	(0.2)	0.3	(0.1)
Belgium	94.4	(0.4)	4.2	(0.3)	0.7	(0.1)	0.6	(0.1)	91.8	(0.4)	6.8	(0.3)	0.7	(0.1)	0.7	(0.1)
Canada	77.9	(0.6)	18.9	(0.4)	2.3	(0.2)	0.9	(0.1)	75.4	(0.5)	19.1	(0.4)	3.7	(0.2)	1.8	(0.2)
Chile	92.3	(0.5)	6.5	(0.5)	0.8	(0.1)	0.5	(0.1)	84.6	(0.8)	13.8	(0.7)	1.2	(0.2)	0.5	(0.1)
Czech Republic	94.1	(0.5)	4.1	(0.4)	0.7	(0.1)	1.1	(0.2)	92.6	(0.5)	6.5	(0.5)	0.5	(0.1)	0.4	(0.1)
Denmark	90.4	(0.6)	7.8	(0.5)	1.3	(0.2)	0.6	(0.1)	83.7	(0.9)	13.7	(0.7)	1.8	(0.3)	0.9	(0.2)
Estonia	84.7	(0.7)	11.9	(0.6)	2.0	(0.2)	1.4	(0.2)	70.1	(0.9)	23.2	(0.7)	4.5	(0.3)	2.3	(0.3)
Finland	89.6	(0.5)	8.9	(0.4)	0.8	(0.1)	0.7	(0.2)	84.4	(0.6)	13.1	(0.5)	1.7	(0.2)	0.8	(0.2)
France	90.5	(0.6)	7.3	(0.5)	1.1	(0.2)	1.0	(0.2)	83.2	(0.8)	13.8	(0.7)	2.0	(0.2)	1.1	(0.2)
Germany	94.9	(0.4)	4.2	(0.3)	0.5	(0.1)	0.5	(0.1)	90.3	(0.5)	8.6	(0.4)	0.7	(0.1)	0.4	(0.1)
Greece	78.3	(0.8)	16.7	(0.7)	3.0	(0.3)	2.0	(0.2)	58.0	(1.2)	30.3	(0.9)	7.7	(0.5)	4.0	(0.3)
Hungary	93.2	(0.5)	5.5	(0.5)	0.8	(0.1)	0.5	(0.1)	90.8	(0.6)	7.7	(0.4)	1.1	(0.2)	0.4	(0.1)
Iceland	97.9	(0.2)	1.7	(0.2)	0.1	(0.1)	0.3	(0.1)	88.3	(0.5)	9.6	(0.4)	1.6	(0.2)	0.5	(0.1)
Ireland	96.0	(0.3)	3.3	(0.3)	0.4	(0.1)	0.3	(0.1)	87.6	(0.8)	9.9	(0.6)	1.7	(0.2)	0.8	(0.2)
Israel	69.5	(0.7)	25.0	(0.7)	3.4	(0.3)	2.2	(0.2)	68.8	(1.1)	23.5	(0.8)	4.5	(0.4)	3.2	(0.3)
Italy	51.8	(0.5)	41.3	(0.5)	4.6	(0.2)	2.2	(0.1)	65.5	(0.5)	29.0	(0.4)	3.6	(0.2)	2.0	(0.1)
Japan	98.5	(0.2)	1.3	(0.2)	0.2	(0.1)	0.1	(0.1)	97.1	(0.5)	2.3	(0.4)	0.3	(0.1)	0.3	(0.1)
Korea	98.2	(0.3)	1.3	(0.2)	0.2	(0.1)	0.3	(0.1)	97.1	(0.4)	2.3	(0.3)	0.3	(0.1)	0.3	(0.1)
Luxembourg	93.0	(0.3)	5.3	(0.3)	0.7	(0.1)	1.0	(0.1)	93.0	(0.4)	5.6	(0.3)	0.6	(0.1)	0.8	(0.1)
Mexico	79.1	(0.5)	18.7	(0.4)	1.6	(0.1)	0.6	(0.1)	78.2	(0.4)	18.9	(0.4)	2.2	(0.1)	0.7	(0.1)
Netherlands	97.3	(0.2)	2.2	(0.2)	0.2	(0.1)	0.2	(0.1)	89.0	(0.7)	9.5	(0.6)	1.1	(0.2)	0.4	(0.1)
New Zealand	82.9	(0.6)	12.9	(0.5)	2.6	(0.3)	1.5	(0.2)	84.7	(0.7)	11.8	(0.6)	2.1	(0.3)	1.4	(0.2)
Norway	92.9	(0.4)	5.9	(0.4)	0.6	(0.1)	0.6	(0.1)	88.2	(0.5)	9.7	(0.5)	1.3	(0.2)	0.9	(0.2)
Poland	84.1	(0.8)	13.3	(0.8)	1.6	(0.2)	1.1	(0.2)	79.6	(0.9)	16.4	(0.7)	2.4	(0.2)	1.5	(0.2)
Portugal	80.7	(0.7)	15.2	(0.7)	2.4	(0.3)	1.7	(0.2)	71.4	(0.9)	23.2	(0.8)	3.4	(0.3)	2.1	(0.2)
Slovak Republic	90.6	(0.5)	7.3	(0.4)	1.4	(0.2)	0.7	(0.2)	88.2	(0.8)	10.0	(0.7)	1.1	(0.2)	0.7	(0.1)
Slovenia	85.8	(0.5)	10.8	(0.5)	2.0	(0.2)	1.4	(0.1)	74.4	(0.6)	20.4	(0.6)	3.2	(0.3)	1.9	(0.2)
Spain	72.0	(0.9)	24.2	(0.7)	2.6	(0.2)	1.2	(0.1)	67.7	(0.8)	25.5	(0.6)	3.9	(0.3)	2.9	(0.2)
Sweden	92.8	(0.4)	5.8	(0.4)	0.8	(0.1)	0.6	(0.1)	79.5	(0.8)	16.1	(0.7)	3.0	(0.3)	1.4	(0.2)
Switzerland	95.0	(0.3)	4.3	(0.3)	0.4	(0.1)	0.3	(0.1)	89.4	(0.6)	9.0	(0.5)	0.9	(0.1)	0.7	(0.1)
Turkey	45.8	(1.0)	33.7	(1.0)	12.7	(0.6)	7.8	(0.4)	54.8	(1.1)	30.5	(0.8)	8.9	(0.5)	5.8	(0.4)
United Kingdom	82.1	(0.6)	15.2	(0.5)	1.9	(0.2)	0.8	(0.1)	88.0	(0.5)	9.5	(0.4)	1.4	(0.2)	1.1	(0.2)
United States	78.9	(0.8)	17.9	(0.7)	2.4	(0.3)	0.8	(0.1)	87.1	(0.6)	10.4	(0.6)	1.8	(0.2)	0.7	(0.1)
OECD average	85.5	(0.1)	11.6	(0.1)	1.8	(0.0)	1.1	(0.0)	82.2	(0.1)	14.2	(0.1)	2.3	(0.0)	1.3	(0.0)
<b>Partners</b>																
Albania	85.3	(0.6)	12.0	(0.6)	2.0	(0.3)	0.7	(0.1)	80.6	(0.6)	16.6	(0.6)	2.2	(0.2)	0.7	(0.2)
Argentina	41.9	(1.0)	41.9	(0.8)	8.7	(0.6)	7.6	(0.4)	55.7	(1.1)	33.0	(0.9)	6.7	(0.4)	4.6	(0.4)
Brazil	79.7	(0.5)	16.6	(0.4)	2.3	(0.2)	1.4	(0.1)	81.2	(0.5)	15.8	(0.4)	1.9	(0.1)	1.1	(0.1)
Bulgaria	74.8	(1.2)	18.0	(0.8)	3.9	(0.4)	3.2	(0.4)	66.2	(1.2)	24.7	(0.8)	5.3	(0.5)	3.8	(0.4)
Colombia	95.6	(0.4)	4.1	(0.4)	0.2	(0.1)	0.2	(0.1)	84.3	(0.7)	14.5	(0.7)	0.8	(0.1)	0.4	(0.1)
Costa Rica	68.5	(1.0)	25.1	(0.9)	4.0	(0.4)	2.4	(0.3)	57.0	(1.4)	33.5	(1.1)	6.3	(0.4)	3.2	(0.4)
Croatia	87.3	(0.6)	9.4	(0.4)	1.7	(0.2)	1.6	(0.2)	76.4	(0.7)	18.5	(0.6)	3.2	(0.3)	1.8	(0.2)
Cyprus*	77.3	(0.6)	16.0	(0.6)	3.8	(0.3)	2.9	(0.2)	64.0	(0.7)	26.0	(0.6)	6.1	(0.4)	3.9	(0.3)
Hong Kong-China	96.0	(0.3)	3.4	(0.3)	0.4	(0.1)	0.2	(0.1)	96.9	(0.3)	2.8	(0.3)	0.2	(0.1)	0.1	(0.0)
Indonesia	88.0	(0.7)	10.0	(0.6)	1.4	(0.2)	0.6	(0.1)	75.0	(0.9)	21.5	(0.8)	2.2	(0.2)	1.3	(0.1)
Jordan	56.6	(0.9)	36.6	(0.8)	4.6	(0.3)	2.1	(0.2)	70.3	(0.9)	23.8	(0.8)	3.8	(0.3)	2.1	(0.2)
Kazakhstan	80.3	(0.9)	17.2	(0.8)	1.8	(0.2)	0.8	(0.1)	82.5	(0.8)	15.2	(0.7)	1.6	(0.2)	0.7	(0.1)
Latvia	77.3	(0.8)	18.2	(0.7)	2.7	(0.3)	1.8	(0.2)	36.8	(1.0)	45.7	(1.1)	10.2	(0.6)	7.2	(0.6)
Liechtenstein	98.0	(0.8)	1.3	(0.7)	0.0	c	0.7	(0.5)	96.3	(1.0)	2.3	(0.9)	0.4	(0.4)	1.0	(0.6)
Lithuania	81.0	(0.9)	16.1	(0.8)	1.8	(0.2)	1.1	(0.2)	67.3	(1.1)	26.4	(0.9)	4.3	(0.3)	1.9	(0.3)
Macao-China	95.1	(0.3)	4.3	(0.3)	0.4	(0.1)	0.1	(0.0)	94.6	(0.4)	4.7	(0.3)	0.4	(0.1)	0.3	(0.1)
Malaysia	71.6	(1.2)	22.0	(0.9)	4.1	(0.4)	2.3	(0.3)	74.6	(1.0)	20.5	(0.7)	3.2	(0.3)	1.7	(0.2)
Montenegro	75.3	(0.8)	18.4	(0.7)	3.3	(0.3)	2.9	(0.3)	67.9	(0.7)	25.9	(0.6)	4.1	(0.3)	2.2	(0.2)
Peru	85.8	(0.8)	11.3	(0.6)	2.2	(0.3)	0.7	(0.1)	88.0	(0.8)	10.5	(0.7)	1.1	(0.2)	0.4	(0.1)
Qatar	83.6	(0.4)	12.7	(0.4)	2.4	(0.1)	1.3	(0.1)	79.7	(0.4)	15.9	(0.3)	2.7	(0.1)	1.7	(0.1)
Romania	65.7	(1.1)	25.9	(0.8)	4.7	(0.4)	3.6	(0.4)	55.8	(1.3)	34.1	(1.0)	6.1	(0.4)	4.0	(0.4)
Russian Federation	78.7	(0.7)	15.7	(0.6)	3.1	(0.3)	2.5	(0.2)	69.6	(1.1)	23.4	(0.8)	4.5	(0.4)	2.4	(0.3)
Serbia	87.1	(0.7)	10.3	(0.6)	1.5	(0.2)	1.2	(0.2)	73.3	(1.0)	21.9	(0.8)	3.2	(0.3)	1.6	(0.2)
Shanghai-China	99.3	(0.1)	0.6	(0.1)	0.0	(0.0)	0.1	(0.1)	96.6	(0.4)	2.9	(0.3)	0.2	(0.1)	0.3	(0.1)
Singapore	85.5	(0.4)	12.5	(0.4)	1.5	(0.2)	0.5	(0.1)	87.5	(0.5)	10.6	(0.5)	1.4	(0.1)	0.5	(0.1)
Chinese Taipei	95.7	(0.3)	3.2	(0.2)	0.6	(0.1)	0.6	(0.1)	90.7	(0.6)	7.1	(0.5)	1.2	(0.2)	1.0	(0.2)
Thailand	81.8	(0.7)	14.2	(0.6)	2.4	(0.3)	1.5	(0.2)	73.4	(0.8)	23.0	(0.7)	2.5	(0.2)	1.0	(0.2)
Tunisia	79.3	(1.0)	16.3	(0.7)	2.4	(0.3)	2.0	(0.3)	74.5	(0.9)	21.1	(0.8)	2.6	(0.3)	1.7	(0.3)
United Arab Emirates	60.8	(0.8)	31.6	(0.7)	5.4	(0.2)	2.1	(0.2)	77.2	(0.7)	17.2	(0.6)	3.5	(0.3)	2.2	(0.2)
Uruguay	76.4	(0.9)	18.4	(0.7)	3.0	(0.3)	2.2	(0.2)	76.2	(0.9)	19.0	(0.8)	3.1	(0.2)	1.6	(0.2)
Viet Nam	90.8	(0.8)	7.9	(0.6)	1.0	(0.2)	0.3	(0.1)	93.4	(0.5)	5.6	(0.4)	0.7	(0.1)	0.3	(0.1)

\* See notes at the beginning of this Annex.


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[Part 1/1]

**Concentration of students skipping a day of school or some classes**Table IV.5.4 *Results based on students' self-reports*

		Percentage of students who are in schools where, in the two weeks prior to the PISA test...							
		Over 50% of students skipped a day or a class at least once		More than 25% but 50% of students or fewer skipped a day or a class at least once		More than 10% but 25% of students or fewer skipped a day or a class at least once		10% of students or fewer skipped a day or a class at least once	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	24.0	(1.6)	53.5	(2.0)	18.8	(1.6)	3.7	(0.7)
	Austria	1.5	(0.7)	24.3	(3.5)	41.4	(4.1)	32.8	(3.3)
	Belgium	1.2	(0.4)	9.1	(1.6)	29.3	(2.5)	60.4	(2.3)
	Canada	15.3	(1.8)	60.0	(2.4)	23.2	(1.6)	1.6	(0.5)
	Chile	2.2	(1.0)	32.1	(2.9)	36.5	(3.7)	29.2	(3.4)
	Czech Republic	1.1	(0.6)	9.0	(1.8)	35.3	(3.5)	54.6	(3.5)
	Denmark	4.1	(1.2)	31.6	(3.1)	42.5	(3.5)	21.9	(3.2)
	Estonia	18.5	(2.4)	55.2	(2.6)	23.0	(1.9)	3.3	(1.1)
	Finland	0.3	(0.2)	31.2	(3.2)	54.5	(3.4)	14.0	(2.1)
	France	4.2	(1.2)	31.6	(3.1)	38.7	(3.8)	25.6	(3.0)
	Germany	0.5	(0.4)	10.4	(2.1)	45.2	(3.2)	43.9	(3.1)
	Greece	45.9	(4.2)	43.2	(4.1)	10.0	(1.8)	0.8	(0.4)
	Hungary	2.0	(0.8)	13.1	(2.2)	26.6	(3.5)	58.3	(3.3)
	Iceland	0.0	c	6.1	(0.2)	54.7	(0.2)	39.2	(0.2)
	Ireland	0.0	c	15.9	(2.8)	45.2	(4.1)	38.9	(3.9)
	Israel	39.1	(3.5)	57.9	(3.6)	2.9	(1.2)	0.0	(0.0)
	Italy	77.5	(1.6)	21.4	(1.6)	0.8	(0.2)	0.2	(0.1)
	Japan	0.5	(0.5)	2.6	(1.2)	4.2	(1.5)	92.7	(1.8)
	Korea	0.0	c	1.6	(1.0)	7.3	(1.8)	91.0	(2.1)
	Luxembourg	0.0	c	8.3	(0.1)	27.3	(0.1)	64.4	(0.1)
	Mexico	15.0	(1.2)	54.0	(1.7)	25.4	(1.4)	5.6	(0.7)
	Netherlands	0.8	(0.7)	9.2	(2.0)	43.0	(4.1)	47.1	(3.7)
	New Zealand	6.0	(1.1)	43.4	(3.8)	41.2	(3.6)	9.5	(2.0)
	Norway	0.1	(0.1)	14.9	(2.5)	52.4	(3.6)	32.6	(3.2)
	Poland	10.0	(2.3)	45.1	(3.8)	29.6	(3.7)	15.3	(2.6)
	Portugal	14.6	(3.2)	67.4	(4.2)	16.5	(3.2)	1.5	(1.3)
	Slovak Republic	3.1	(1.1)	18.4	(2.7)	42.6	(3.7)	35.9	(3.5)
	Slovenia	12.8	(0.4)	47.5	(0.8)	30.4	(0.6)	9.3	(0.8)
	Spain	37.7	(2.8)	50.9	(2.9)	9.7	(1.4)	1.8	(0.3)
	Sweden	4.5	(1.6)	32.7	(3.6)	52.9	(3.5)	9.8	(2.0)
	Switzerland	1.1	(0.5)	8.5	(1.8)	42.2	(3.1)	48.3	(3.2)
	Turkey	86.3	(2.6)	12.8	(2.4)	0.9	(0.5)	0.1	(0.1)
United Kingdom	3.3	(1.0)	41.3	(3.2)	48.8	(3.3)	6.7	(1.8)	
United States	4.1	(1.5)	53.2	(3.7)	39.8	(3.5)	2.9	(1.4)	
OECD average	12.9	(0.3)	29.9	(0.5)	30.7	(0.5)	26.6	(0.4)	
Partners	Albania	2.3	(1.0)	47.8	(3.7)	44.5	(3.9)	5.3	(1.3)
	Argentina	89.4	(2.1)	9.4	(2.0)	1.2	(1.0)	0.0	c
	Brazil	8.9	(1.1)	51.5	(2.3)	35.1	(2.5)	4.5	(1.0)
	Bulgaria	31.7	(3.0)	39.3	(3.9)	24.3	(3.3)	4.6	(1.5)
	Colombia	1.3	(0.7)	23.3	(3.5)	51.4	(4.1)	24.0	(3.5)
	Costa Rica	67.5	(3.6)	28.5	(3.5)	4.0	(1.6)	0.0	c
	Croatia	12.1	(1.8)	41.1	(3.3)	39.1	(3.4)	7.7	(2.1)
	Cyprus*	29.1	(0.1)	56.6	(0.1)	13.7	(0.1)	0.7	(0.0)
	Hong Kong-China	0.0	c	0.2	(0.0)	19.0	(3.0)	80.7	(3.0)
	Indonesia	8.7	(2.0)	51.1	(4.0)	35.7	(3.7)	4.4	(1.3)
	Jordan	71.8	(3.2)	27.3	(3.1)	0.9	(0.7)	0.0	c
	Kazakhstan	10.8	(2.3)	42.4	(4.1)	31.3	(3.6)	15.5	(2.4)
	Latvia	87.7	(2.4)	11.0	(2.4)	1.2	(0.7)	0.1	(0.1)
	Liechtenstein	0.0	c	0.0	c	19.2	(1.1)	80.8	(1.1)
	Lithuania	23.4	(3.1)	52.8	(3.5)	18.9	(2.9)	4.9	(1.4)
	Macao-China	0.9	(0.0)	3.2	(0.0)	31.2	(0.1)	64.7	(0.1)
	Malaysia	33.9	(3.8)	53.6	(4.1)	10.1	(2.2)	2.4	(1.3)
	Montenegro	20.4	(0.1)	65.6	(0.2)	13.8	(0.1)	0.2	(0.0)
	Peru	1.9	(0.8)	29.6	(3.1)	48.3	(3.6)	20.2	(3.0)
	Qatar	9.3	(0.1)	48.6	(0.1)	40.9	(0.1)	1.1	(0.0)
	Romania	70.4	(3.6)	25.5	(3.4)	3.6	(1.4)	0.5	(0.4)
	Russian Federation	21.5	(2.8)	57.3	(3.0)	15.7	(2.3)	5.5	(1.2)
	Serbia	9.9	(2.2)	50.2	(3.9)	31.0	(3.8)	8.9	(2.3)
	Shanghai-China	0.0	c	0.0	c	5.8	(1.8)	94.2	(1.8)
	Singapore	1.4	(0.0)	32.3	(0.2)	58.8	(0.2)	7.4	(0.1)
	Chinese Taipei	0.5	(0.6)	9.3	(1.9)	31.0	(3.9)	59.2	(3.8)
	Thailand	16.3	(2.0)	48.9	(3.4)	29.4	(3.0)	5.4	(1.7)
	Tunisia	13.9	(3.0)	59.6	(4.3)	24.4	(3.6)	2.1	(1.3)
	United Arab Emirates	52.8	(2.3)	41.0	(2.4)	6.1	(1.0)	0.2	(0.1)
	Uruguay	12.4	(2.3)	64.6	(3.1)	18.1	(2.3)	4.9	(1.4)
Viet Nam	1.2	(0.6)	10.2	(2.6)	38.2	(4.0)	50.4	(4.2)	

\* See notes at the beginning of this Annex.

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[Part 1/2]  
Index of teacher-student relations and mathematics performance

Table IV.5.5 Results based on students' self-reports

	Index of teacher-student relations										Variability in this index	School variability in the distribution of this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter				
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Standard deviation	S.E.	Percentage of the index variance between schools
<b>OECD</b>	0.15	(0.01)	-0.96	(0.01)	-0.12	(0.01)	0.23	(0.02)	1.45	(0.02)	0.95	(0.01)	10.29
Australia	-0.14	(0.03)	-1.40	(0.03)	-0.59	(0.04)	0.17	(0.02)	1.27	(0.03)	1.05	(0.01)	6.56
Austria	-0.11	(0.02)	-1.16	(0.02)	-0.37	(0.02)	0.01	(0.01)	1.09	(0.02)	0.91	(0.01)	5.39
Belgium	0.28	(0.01)	-0.90	(0.02)	-0.06	(0.01)	0.45	(0.02)	1.64	(0.02)	1.00	(0.01)	4.11
Canada	0.19	(0.02)	-1.10	(0.03)	-0.21	(0.02)	0.48	(0.03)	1.60	(0.03)	1.06	(0.01)	3.57
Chile	-0.16	(0.03)	-1.23	(0.03)	-0.46	(0.04)	0.01	(0.02)	1.05	(0.04)	0.92	(0.01)	6.95
Czech Republic	0.15	(0.02)	-0.95	(0.02)	-0.12	(0.02)	0.27	(0.04)	1.40	(0.03)	0.92	(0.01)	8.22
Denmark	-0.08	(0.02)	-1.13	(0.02)	-0.33	(0.03)	0.05	(0.02)	1.10	(0.04)	0.89	(0.02)	6.10
Estonia	-0.09	(0.02)	-1.17	(0.02)	-0.31	(0.03)	0.01	(0.02)	1.10	(0.03)	0.90	(0.01)	5.58
Finland	-0.17	(0.02)	-1.29	(0.03)	-0.55	(0.03)	0.03	(0.02)	1.11	(0.04)	0.96	(0.02)	4.88
France	-0.22	(0.02)	-1.44	(0.03)	-0.62	(0.02)	0.06	(0.04)	1.13	(0.04)	1.02	(0.01)	11.44
Germany	-0.13	(0.02)	-1.30	(0.02)	-0.54	(0.04)	0.09	(0.02)	1.22	(0.03)	1.00	(0.01)	7.37
Greece	-0.02	(0.02)	-1.19	(0.03)	-0.33	(0.03)	0.15	(0.02)	1.32	(0.04)	0.99	(0.02)	9.02
Hungary	0.21	(0.02)	-1.03	(0.03)	-0.11	(0.02)	0.28	(0.03)	1.71	(0.04)	1.06	(0.02)	8.69
Iceland	0.03	(0.02)	-1.08	(0.03)	-0.26	(0.02)	0.13	(0.02)	1.33	(0.04)	0.95	(0.01)	5.68
Ireland	0.08	(0.03)	-1.28	(0.03)	-0.33	(0.03)	0.34	(0.04)	1.60	(0.05)	1.13	(0.02)	6.22
Israel	-0.16	(0.01)	-1.34	(0.01)	-0.55	(0.02)	0.09	(0.01)	1.16	(0.02)	1.00	(0.01)	6.84
Italy	-0.17	(0.02)	-1.38	(0.03)	-0.51	(0.03)	0.01	(0.02)	1.19	(0.04)	1.02	(0.02)	4.43
Japan	-0.12	(0.03)	-1.16	(0.02)	-0.35	(0.04)	-0.02	(0.00)	1.06	(0.06)	0.89	(0.02)	6.05
Korea	-0.05	(0.02)	-1.38	(0.03)	-0.44	(0.03)	0.21	(0.02)	1.41	(0.03)	1.10	(0.01)	2.54
Luxembourg	0.47	(0.01)	-0.79	(0.02)	0.04	(0.01)	0.79	(0.01)	1.85	(0.02)	1.03	(0.01)	8.57
Mexico	-0.15	(0.02)	-1.08	(0.03)	-0.32	(0.03)	-0.02	(0.00)	0.81	(0.04)	0.78	(0.01)	9.11
Netherlands	0.11	(0.02)	-0.97	(0.03)	-0.16	(0.02)	0.16	(0.03)	1.40	(0.04)	0.93	(0.01)	7.38
New Zealand	-0.14	(0.02)	-1.33	(0.03)	-0.44	(0.03)	0.03	(0.02)	1.20	(0.04)	1.01	(0.02)	3.42
Norway	-0.42	(0.02)	-1.53	(0.03)	-0.79	(0.02)	-0.19	(0.02)	0.82	(0.04)	0.97	(0.02)	7.77
Poland	0.32	(0.02)	-0.80	(0.04)	-0.02	(0.00)	0.44	(0.04)	1.67	(0.03)	0.96	(0.01)	7.41
Portugal	-0.18	(0.02)	-1.23	(0.03)	-0.48	(0.04)	-0.02	(0.00)	1.01	(0.05)	0.91	(0.01)	9.34
Slovak Republic	-0.24	(0.02)	-1.30	(0.03)	-0.61	(0.01)	-0.06	(0.02)	1.01	(0.04)	0.93	(0.02)	3.68
Slovenia	0.00	(0.02)	-1.20	(0.02)	-0.37	(0.02)	0.19	(0.02)	1.37	(0.02)	1.01	(0.01)	6.80
Spain	0.08	(0.03)	-1.12	(0.04)	-0.23	(0.02)	0.18	(0.03)	1.51	(0.04)	1.03	(0.02)	6.49
Sweden	0.11	(0.02)	-1.15	(0.03)	-0.22	(0.02)	0.39	(0.03)	1.44	(0.03)	1.02	(0.01)	6.94
Switzerland	0.19	(0.02)	-1.12	(0.03)	-0.24	(0.02)	0.50	(0.03)	1.62	(0.03)	1.08	(0.01)	3.80
Turkey	0.15	(0.02)	-0.99	(0.03)	-0.15	(0.02)	0.27	(0.02)	1.47	(0.03)	0.97	(0.01)	7.22
United Kingdom	0.21	(0.03)	-0.94	(0.03)	-0.12	(0.02)	0.34	(0.04)	1.55	(0.04)	0.98	(0.02)	8.70
United States	0.00	(0.00)	-1.16	(0.00)	-0.33	(0.00)	0.18	(0.00)	1.31	(0.01)	0.98	(0.00)	6.87
<b>OECD average</b>													
<b>Partners</b>													
Albania	0.71	(0.02)	-0.51	(0.03)	0.35	(0.03)	1.05	(0.03)	1.95	(0.02)	0.96	(0.01)	2.47
Argentina	0.18	(0.03)	-1.10	(0.03)	-0.21	(0.03)	0.42	(0.03)	1.60	(0.03)	1.06	(0.01)	3.87
Brazil	0.25	(0.02)	-1.00	(0.02)	-0.17	(0.01)	0.47	(0.03)	1.69	(0.03)	1.05	(0.01)	6.62
Bulgaria	0.24	(0.02)	-1.07	(0.03)	-0.17	(0.02)	0.47	(0.04)	1.74	(0.03)	1.09	(0.01)	3.55
Colombia	0.45	(0.02)	-0.82	(0.03)	0.03	(0.02)	0.78	(0.03)	1.82	(0.03)	1.03	(0.01)	6.73
Costa Rica	0.47	(0.02)	-0.86	(0.02)	0.03	(0.04)	0.83	(0.03)	1.88	(0.03)	1.06	(0.02)	8.33
Croatia	-0.15	(0.02)	-1.31	(0.02)	-0.50	(0.03)	0.03	(0.02)	1.20	(0.04)	1.00	(0.01)	8.35
Cyprus*	-0.22	(0.02)	-1.43	(0.03)	-0.59	(0.03)	-0.01	(0.01)	1.16	(0.03)	1.03	(0.02)	0.46
Hong Kong-China	0.03	(0.02)	-1.06	(0.03)	-0.21	(0.02)	0.11	(0.02)	1.29	(0.04)	0.94	(0.01)	1.67
Indonesia	0.42	(0.02)	-0.58	(0.03)	0.00	(0.02)	0.67	(0.02)	1.61	(0.03)	0.87	(0.01)	10.25
Jordan	0.39	(0.02)	-1.08	(0.03)	0.01	(0.03)	0.82	(0.02)	1.81	(0.02)	1.13	(0.01)	5.05
Kazakhstan	0.75	(0.03)	-0.41	(0.03)	0.30	(0.04)	1.09	(0.03)	2.01	(0.02)	0.96	(0.01)	4.80
Latvia	0.16	(0.02)	-0.87	(0.02)	-0.15	(0.02)	0.29	(0.04)	1.36	(0.04)	0.89	(0.01)	6.53
Liechtenstein	0.05	(0.07)	-1.24	(0.11)	-0.37	(0.08)	0.36	(0.10)	1.49	(0.11)	1.09	(0.06)	10.27
Lithuania	0.43	(0.03)	-0.92	(0.03)	0.05	(0.03)	0.81	(0.03)	1.79	(0.03)	1.05	(0.01)	8.81
Macao-China	-0.04	(0.02)	-1.15	(0.02)	-0.31	(0.03)	0.06	(0.01)	1.22	(0.03)	0.95	(0.01)	6.06
Malaysia	0.23	(0.02)	-0.88	(0.02)	-0.14	(0.02)	0.51	(0.04)	1.42	(0.03)	0.91	(0.01)	5.42
Montenegro	0.12	(0.02)	-1.22	(0.03)	-0.23	(0.02)	0.32	(0.03)	1.63	(0.04)	1.11	(0.01)	1.61
Peru	0.38	(0.02)	-0.82	(0.02)	-0.02	(0.03)	0.66	(0.03)	1.71	(0.03)	0.98	(0.01)	3.79
Qatar	0.08	(0.01)	-1.28	(0.02)	-0.33	(0.02)	0.36	(0.02)	1.58	(0.02)	1.13	(0.01)	5.86
Romania	0.37	(0.02)	-0.89	(0.03)	-0.04	(0.03)	0.67	(0.04)	1.76	(0.03)	1.03	(0.01)	4.70
Russian Federation	0.14	(0.03)	-1.03	(0.03)	-0.25	(0.02)	0.32	(0.03)	1.53	(0.05)	1.01	(0.02)	7.03
Serbia	0.08	(0.03)	-1.12	(0.03)	-0.26	(0.02)	0.24	(0.03)	1.48	(0.04)	1.02	(0.02)	7.82
Shanghai-China	0.46	(0.03)	-0.73	(0.03)	-0.02	(0.00)	0.67	(0.05)	1.92	(0.04)	1.04	(0.01)	6.84
Singapore	0.36	(0.02)	-0.74	(0.03)	-0.02	(0.00)	0.50	(0.03)	1.72	(0.02)	0.96	(0.01)	4.20
Chinese Taipei	0.03	(0.02)	-1.19	(0.02)	-0.35	(0.03)	0.13	(0.03)	1.51	(0.03)	1.06	(0.01)	2.54
Thailand	0.30	(0.02)	-0.76	(0.03)	-0.02	(0.00)	0.41	(0.03)	1.57	(0.03)	0.92	(0.01)	4.81
Tunisia	-0.02	(0.03)	-1.37	(0.03)	-0.49	(0.03)	0.32	(0.03)	1.45	(0.03)	1.11	(0.01)	6.97
United Arab Emirates	0.35	(0.02)	-0.99	(0.02)	-0.08	(0.03)	0.71	(0.02)	1.78	(0.02)	1.08	(0.01)	3.18
Uruguay	0.19	(0.03)	-1.03	(0.03)	-0.19	(0.02)	0.41	(0.03)	1.57	(0.04)	1.02	(0.01)	7.08
Viet Nam	0.02	(0.02)	-1.04	(0.02)	-0.30	(0.03)	0.19	(0.02)	1.22	(0.03)	0.89	(0.01)	8.13

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of teacher-student relations and mathematics performance

Table IV.5.5 Results based on students' self-reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)			
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.							
<b>OECD</b>	<b>471</b>	(2.6)	506	(2.8)	513	(3.3)	<b>527</b>	(3.0)	<b>21.8</b>	(1.3)	<b>1.74</b>	(0.1)	4.8	(0.5)	
Austria	503	(4.3)	514	(4.1)	513	(4.6)	503	(4.2)	-0.9	(1.5)	1.06	(0.1)	0.0	(0.0)	
Belgium	508	(3.9)	530	(3.7)	537	(4.1)	512	(3.6)	2.1	(1.9)	<b>1.23</b>	(0.1)	0.0	(0.1)	
Canada	<b>503</b>	(3.4)	521	(2.8)	528	(2.9)	<b>530</b>	(2.9)	<b>10.8</b>	(1.2)	<b>1.43</b>	(0.1)	1.5	(0.4)	
Chile	422	(4.0)	427	(4.3)	426	(4.6)	417	(4.5)	-1.2	(1.5)	0.98	(0.1)	0.0	(0.1)	
Czech Republic	496	(4.8)	503	(5.1)	521	(4.2)	498	(4.4)	1.4	(2.2)	1.21	(0.1)	0.0	(0.1)	
Denmark	<b>480</b>	(3.5)	505	(3.9)	516	(3.8)	<b>520</b>	(4.1)	<b>16.3</b>	(2.0)	<b>1.60</b>	(0.1)	3.4	(0.8)	
Estonia	511	(3.2)	524	(3.4)	527	(4.2)	519	(4.7)	3.5	(2.3)	1.15	(0.1)	0.2	(0.2)	
Finland	<b>505</b>	(2.8)	526	(3.6)	531	(4.3)	<b>529</b>	(3.3)	<b>9.2</b>	(1.5)	<b>1.44</b>	(0.1)	1.0	(0.3)	
France	491	(4.4)	503	(4.1)	508	(5.2)	489	(4.7)	-1.2	(2.1)	1.06	(0.1)	0.0	(0.1)	
Germany	514	(3.9)	529	(4.8)	532	(5.1)	515	(5.1)	-0.1	(2.1)	1.12	(0.1)	0.0	(0.1)	
Greece	<b>457</b>	(4.3)	461	(4.5)	458	(4.2)	<b>445</b>	(4.1)	<b>-4.9</b>	(1.7)	0.88	(0.1)	0.3	(0.2)	
Hungary	473	(6.1)	481	(5.2)	486	(4.9)	472	(4.9)	-2.2	(2.7)	1.03	(0.1)	0.1	(0.2)	
Iceland	<b>474</b>	(4.7)	496	(4.9)	504	(5.2)	<b>512</b>	(4.1)	<b>13.5</b>	(2.2)	<b>1.52</b>	(0.1)	2.4	(0.8)	
Ireland	<b>488</b>	(3.9)	505	(4.3)	507	(4.0)	<b>504</b>	(4.1)	<b>6.2</b>	(1.9)	<b>1.32</b>	(0.1)	0.5	(0.3)	
Israel	473	(5.7)	481	(6.9)	478	(6.6)	463	(7.6)	-4.1	(2.3)	0.94	(0.1)	0.2	(0.3)	
Italy	<b>494</b>	(2.8)	497	(3.1)	488	(3.0)	<b>469</b>	(2.9)	<b>-9.1</b>	(1.3)	<b>0.84</b>	(0.0)	1.0	(0.3)	
Japan	<b>520</b>	(5.2)	543	(4.6)	544	(5.1)	<b>542</b>	(4.3)	<b>8.4</b>	(2.0)	<b>1.39</b>	(0.1)	0.9	(0.4)	
Korea	<b>538</b>	(5.7)	552	(5.0)	546	(6.1)	<b>580</b>	(7.7)	<b>16.4</b>	(3.0)	<b>1.28</b>	(0.1)	2.2	(0.8)	
Luxembourg	484	(3.2)	494	(4.2)	500	(3.8)	482	(3.2)	0.4	(1.5)	1.12	(0.1)	0.0	(0.0)	
Mexico	<b>422</b>	(1.9)	417	(1.9)	411	(2.0)	<b>407</b>	(2.1)	<b>-5.6</b>	(0.8)	<b>0.83</b>	(0.0)	0.6	(0.2)	
Netherlands	<b>512</b>	(4.3)	530	(5.3)	544	(5.2)	<b>526</b>	(6.6)	5.7	(2.9)	<b>1.31</b>	(0.1)	0.3	(0.3)	
New Zealand	<b>475</b>	(4.1)	501	(5.0)	511	(5.4)	<b>511</b>	(4.3)	<b>13.9</b>	(2.4)	<b>1.43</b>	(0.1)	1.7	(0.6)	
Norway	<b>465</b>	(5.5)	496	(4.3)	504	(5.2)	<b>498</b>	(5.1)	<b>13.2</b>	(2.4)	<b>1.56</b>	(0.1)	2.1	(0.8)	
Poland	517	(5.6)	524	(4.7)	526	(6.0)	508	(5.6)	<b>-4.4</b>	(2.0)	1.00	(0.1)	0.2	(0.2)	
Portugal	<b>480</b>	(5.2)	487	(4.7)	497	(5.5)	<b>494</b>	(5.8)	<b>6.2</b>	(2.5)	1.17	(0.1)	0.4	(0.3)	
Slovak Republic	<b>487</b>	(6.4)	492	(5.0)	498	(4.8)	<b>459</b>	(6.4)	<b>-11.7</b>	(3.4)	0.93	(0.1)	1.1	(0.6)	
Slovenia	498	(4.1)	509	(4.8)	511	(4.4)	498	(4.2)	-0.3	(2.1)	1.10	(0.1)	0.0	(0.0)	
Spain	477	(3.0)	492	(3.2)	492	(3.0)	483	(3.0)	1.5	(1.3)	<b>1.23</b>	(0.1)	0.0	(0.1)	
Sweden	<b>465</b>	(3.8)	484	(4.1)	489	(5.0)	<b>492</b>	(4.4)	<b>9.9</b>	(2.1)	<b>1.30</b>	(0.1)	1.3	(0.5)	
Switzerland	521	(4.3)	541	(4.3)	538	(5.0)	527	(4.7)	1.7	(1.6)	1.12	(0.1)	0.0	(0.1)	
Turkey	449	(6.2)	456	(6.5)	449	(5.7)	443	(5.7)	-3.3	(1.8)	1.09	(0.1)	0.2	(0.2)	
United Kingdom	<b>472</b>	(4.6)	504	(4.6)	506	(4.6)	<b>509</b>	(5.2)	<b>13.3</b>	(1.9)	<b>1.51</b>	(0.1)	1.9	(0.5)	
United States	<b>466</b>	(4.1)	479	(4.9)	492	(6.4)	<b>499</b>	(5.1)	<b>13.9</b>	(1.9)	<b>1.41</b>	(0.1)	2.3	(0.6)	
OECD average	<b>486</b>	(0.8)	500	(0.8)	504	(0.8)	<b>497</b>	(0.8)	<b>4.1</b>	(0.4)	<b>1.22</b>	(0.0)	0.9	(0.1)	
<b>Partners</b>	Albania	395	(4.6)	392	(5.0)	397	(4.9)	391	(4.5)	-1.0	(2.0)	0.97	(0.1)	0.0	(0.1)
Argentina	<b>401</b>	(4.6)	395	(4.6)	390	(4.5)	<b>374</b>	(5.2)	<b>-9.6</b>	(1.7)	<b>0.78</b>	(0.1)	1.8	(0.6)	
Brazil	<b>397</b>	(3.0)	399	(3.1)	393	(3.2)	<b>383</b>	(3.1)	<b>-4.6</b>	(1.2)	<b>0.84</b>	(0.1)	0.4	(0.2)	
Bulgaria	<b>456</b>	(4.5)	440	(5.4)	445	(5.1)	<b>424</b>	(5.9)	<b>-10.3</b>	(2.0)	<b>0.68</b>	(0.1)	1.5	(0.6)	
Colombia	<b>390</b>	(4.1)	383	(3.9)	379	(4.2)	<b>372</b>	(4.1)	<b>-7.0</b>	(1.5)	<b>0.81</b>	(0.1)	1.0	(0.4)	
Costa Rica	<b>415</b>	(4.5)	413	(4.2)	406	(4.4)	<b>393</b>	(4.1)	<b>-7.2</b>	(1.4)	<b>0.80</b>	(0.1)	1.3	(0.5)	
Croatia	<b>475</b>	(3.9)	480	(4.6)	475	(4.8)	<b>460</b>	(7.2)	<b>-7.2</b>	(2.6)	0.90	(0.1)	0.7	(0.5)	
Cyprus*	<b>432</b>	(3.3)	446	(3.5)	452	(3.9)	<b>445</b>	(3.1)	<b>5.5</b>	(1.6)	1.15	(0.1)	0.4	(0.2)	
Hong Kong-China	<b>553</b>	(5.1)	565	(4.5)	570	(5.5)	<b>567</b>	(4.9)	4.1	(2.6)	1.16	(0.1)	0.2	(0.2)	
Indonesia	372	(5.7)	372	(4.4)	378	(4.7)	380	(4.7)	2.7	(1.8)	1.13	(0.1)	0.1	(0.1)	
Jordan	387	(4.3)	392	(3.9)	392	(3.8)	383	(4.9)	-0.5	(1.5)	1.07	(0.1)	0.0	(0.1)	
Kazakhstan	430	(4.3)	432	(4.4)	433	(4.2)	434	(4.2)	1.7	(1.8)	1.07	(0.1)	0.1	(0.1)	
Latvia	485	(4.5)	496	(4.8)	496	(4.8)	484	(4.6)	-1.6	(2.7)	1.06	(0.1)	0.0	(0.1)	
Liechtenstein	555	(13.7)	536	(17.6)	533	(18.6)	526	(16.2)	-5.6	(6.5)	0.59	(0.3)	0.5	(1.1)	
Lithuania	<b>469</b>	(3.9)	480	(4.4)	479	(5.0)	<b>485</b>	(4.8)	<b>5.7</b>	(1.8)	1.15	(0.1)	0.5	(0.3)	
Macao-China	<b>533</b>	(2.9)	542	(4.8)	538	(4.4)	<b>546</b>	(3.6)	<b>4.0</b>	(1.8)	1.12	(0.1)	0.2	(0.1)	
Malaysia	423	(4.8)	428	(4.7)	422	(4.0)	414	(4.0)	-3.3	(1.8)	1.10	(0.1)	0.1	(0.2)	
Montenegro	<b>431</b>	(3.9)	420	(3.9)	410	(3.6)	<b>386</b>	(3.2)	<b>-15.5</b>	(1.5)	<b>0.66</b>	(0.1)	4.4	(0.8)	
Peru	<b>379</b>	(5.8)	378	(4.5)	373	(4.6)	<b>364</b>	(5.0)	<b>-6.2</b>	(1.8)	0.91	(0.1)	0.5	(0.3)	
Qatar	<b>371</b>	(2.6)	383	(2.6)	389	(2.9)	<b>385</b>	(2.6)	<b>4.7</b>	(1.2)	<b>1.16</b>	(0.1)	0.3	(0.1)	
Romania	<b>453</b>	(5.7)	446	(4.5)	445	(4.8)	<b>435</b>	(4.3)	<b>-5.8</b>	(1.7)	0.89	(0.1)	0.6	(0.3)	
Russian Federation	479	(3.7)	485	(5.0)	488	(4.9)	479	(4.5)	-0.5	(2.0)	1.01	(0.1)	0.0	(0.1)	
Serbia	<b>457</b>	(4.2)	459	(5.2)	452	(4.9)	<b>429</b>	(5.3)	<b>-10.4</b>	(2.0)	<b>0.79</b>	(0.1)	1.3	(0.5)	
Shanghai-China	<b>585</b>	(5.1)	613	(4.9)	618	(5.2)	<b>635</b>	(5.2)	<b>16.9</b>	(2.2)	<b>1.53</b>	(0.1)	3.0	(0.8)	
Singapore	<b>556</b>	(3.6)	581	(4.3)	587	(4.4)	<b>579</b>	(3.4)	<b>8.3</b>	(1.6)	<b>1.36</b>	(0.1)	0.6	(0.2)	
Chinese Taipei	<b>554</b>	(4.8)	563	(5.7)	555	(5.8)	<b>567</b>	(4.5)	<b>3.9</b>	(1.9)	0.98	(0.1)	0.1	(0.1)	
Thailand	432	(5.2)	425	(4.1)	429	(4.5)	424	(4.4)	-2.8	(1.9)	0.94	(0.1)	0.1	(0.1)	
Tunisia	<b>403</b>	(5.5)	396	(5.3)	383	(5.4)	<b>373</b>	(4.3)	<b>-10.2</b>	(1.6)	<b>0.76</b>	(0.1)	2.2	(0.6)	
United Arab Emirates	432	(3.6)	439	(3.7)	432	(3.7)	439	(3.9)	2.2	(1.3)	1.03	(0.1)	0.1	(0.1)	
Uruguay	<b>426</b>	(3.7)	423	(3.7)	412	(5.0)	<b>387</b>	(4.6)	<b>-13.1</b>	(1.9)	<b>0.71</b>	(0.1)	2.3	(0.7)	
Viet Nam	<b>530</b>	(5.3)	508	(6.6)	507	(6.0)	<b>501</b>	(6.0)	<b>-10.7</b>	(2.0)	<b>0.58</b>	(0.1)	1.2	(0.5)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
Index of disciplinary climate and mathematics performance

Table IV.5.6 Results based on students' self-reports

	Index of disciplinary climate										Variability in this index	School variability in the distribution of this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter				
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Standard deviation	S.E.	Percentage of the index variance between schools
<b>OECD</b>													
Australia	-0.14	(0.02)	-1.45	(0.02)	-0.45	(0.02)	0.18	(0.02)	1.17	(0.02)	1.03	(0.01)	9.59
Austria	0.21	(0.03)	-1.22	(0.04)	-0.15	(0.04)	0.65	(0.04)	1.55	(0.02)	1.08	(0.02)	17.68
Belgium	0.04	(0.03)	-1.27	(0.03)	-0.31	(0.02)	0.37	(0.04)	1.37	(0.03)	1.04	(0.01)	10.95
Canada	0.01	(0.01)	-1.21	(0.02)	-0.28	(0.01)	0.28	(0.02)	1.25	(0.02)	0.97	(0.01)	12.09
Chile	-0.25	(0.03)	-1.35	(0.03)	-0.56	(0.03)	0.00	(0.03)	0.91	(0.02)	0.90	(0.01)	10.03
Czech Republic	0.10	(0.04)	-1.30	(0.04)	-0.27	(0.05)	0.48	(0.04)	1.48	(0.04)	1.09	(0.02)	23.06
Denmark	-0.01	(0.03)	-1.13	(0.04)	-0.27	(0.02)	0.25	(0.03)	1.11	(0.05)	0.89	(0.02)	14.37
Estonia	0.20	(0.03)	-1.02	(0.03)	-0.13	(0.04)	0.52	(0.03)	1.43	(0.03)	0.96	(0.01)	15.74
Finland	-0.33	(0.02)	-1.38	(0.03)	-0.59	(0.02)	-0.09	(0.02)	0.76	(0.03)	0.86	(0.01)	8.49
France	-0.29	(0.03)	-1.59	(0.03)	-0.69	(0.03)	0.03	(0.04)	1.08	(0.03)	1.05	(0.01)	13.77
Germany	-0.02	(0.02)	-1.30	(0.03)	-0.38	(0.03)	0.30	(0.04)	1.29	(0.03)	1.02	(0.01)	9.01
Greece	-0.24	(0.03)	-1.33	(0.03)	-0.54	(0.03)	-0.03	(0.03)	0.92	(0.04)	0.90	(0.02)	12.22
Hungary	0.05	(0.04)	-1.26	(0.04)	-0.26	(0.03)	0.41	(0.05)	1.33	(0.03)	1.02	(0.02)	12.30
Iceland	-0.03	(0.02)	-1.14	(0.03)	-0.25	(0.01)	0.15	(0.02)	1.13	(0.03)	0.91	(0.02)	22.23
Ireland	0.13	(0.03)	-1.31	(0.04)	-0.23	(0.04)	0.55	(0.03)	1.50	(0.03)	1.10	(0.02)	15.52
Israel	0.26	(0.03)	-1.12	(0.04)	-0.11	(0.03)	0.66	(0.04)	1.61	(0.02)	1.07	(0.01)	9.77
Italy	-0.04	(0.02)	-1.30	(0.02)	-0.39	(0.02)	0.30	(0.02)	1.22	(0.01)	0.99	(0.01)	14.37
Japan	0.67	(0.03)	-0.52	(0.04)	0.41	(0.04)	1.02	(0.02)	1.75	(0.02)	0.90	(0.02)	17.16
Korea	0.19	(0.03)	-0.88	(0.03)	-0.13	(0.03)	0.44	(0.03)	1.33	(0.04)	0.87	(0.01)	15.63
Luxembourg	-0.02	(0.02)	-1.40	(0.03)	-0.39	(0.02)	0.32	(0.02)	1.38	(0.02)	1.09	(0.01)	3.95
Mexico	0.06	(0.01)	-1.08	(0.01)	-0.24	(0.01)	0.33	(0.02)	1.22	(0.02)	0.91	(0.01)	1.78
Netherlands	-0.16	(0.03)	-1.27	(0.03)	-0.49	(0.03)	0.08	(0.03)	1.04	(0.04)	0.92	(0.02)	14.24
New Zealand	-0.25	(0.03)	-1.49	(0.04)	-0.56	(0.02)	0.04	(0.04)	1.03	(0.03)	1.00	(0.02)	14.14
Norway	-0.08	(0.03)	-1.14	(0.04)	-0.29	(0.02)	0.12	(0.03)	1.02	(0.04)	0.87	(0.02)	7.82
Poland	0.08	(0.04)	-1.30	(0.06)	-0.23	(0.04)	0.48	(0.04)	1.36	(0.03)	1.05	(0.02)	19.54
Portugal	0.00	(0.03)	-1.22	(0.04)	-0.30	(0.03)	0.28	(0.04)	1.25	(0.03)	0.97	(0.01)	16.56
Slovak Republic	-0.13	(0.03)	-1.29	(0.04)	-0.44	(0.03)	0.14	(0.03)	1.05	(0.04)	0.93	(0.02)	15.94
Slovenia	0.06	(0.02)	-1.26	(0.02)	-0.30	(0.02)	0.43	(0.04)	1.39	(0.03)	1.04	(0.01)	14.67
Spain	-0.04	(0.02)	-1.35	(0.03)	-0.37	(0.02)	0.29	(0.03)	1.26	(0.02)	1.03	(0.01)	14.53
Sweden	-0.20	(0.03)	-1.29	(0.03)	-0.49	(0.03)	0.02	(0.02)	0.96	(0.04)	0.89	(0.01)	11.83
Switzerland	0.07	(0.03)	-1.17	(0.04)	-0.27	(0.02)	0.41	(0.04)	1.32	(0.03)	0.98	(0.01)	6.30
Turkey	-0.09	(0.02)	-1.22	(0.03)	-0.35	(0.02)	0.13	(0.02)	1.08	(0.03)	0.91	(0.01)	10.89
United Kingdom	0.15	(0.02)	-1.24	(0.03)	-0.17	(0.03)	0.55	(0.02)	1.45	(0.03)	1.07	(0.01)	11.52
United States	0.06	(0.03)	-1.19	(0.04)	-0.25	(0.02)	0.36	(0.05)	1.35	(0.03)	1.00	(0.02)	8.38
OECD average	0.00	(0.00)	-1.24	(0.01)	-0.32	(0.00)	0.31	(0.01)	1.25	(0.01)	0.98	(0.00)	13.99
<b>Partners</b>													
Albania	0.39	(0.03)	-0.86	(0.03)	0.09	(0.04)	0.76	(0.04)	1.58	(0.02)	0.96	(0.01)	4.96
Argentina	-0.51	(0.03)	-1.57	(0.03)	-0.80	(0.03)	-0.28	(0.03)	0.63	(0.05)	0.88	(0.02)	7.73
Brazil	-0.34	(0.02)	-1.49	(0.02)	-0.66	(0.02)	-0.10	(0.02)	0.86	(0.03)	0.94	(0.01)	16.04
Bulgaria	-0.20	(0.03)	-1.36	(0.04)	-0.45	(0.04)	0.11	(0.03)	0.90	(0.03)	0.91	(0.01)	17.07
Colombia	-0.05	(0.02)	-1.12	(0.03)	-0.28	(0.02)	0.19	(0.03)	1.01	(0.03)	0.85	(0.02)	10.34
Costa Rica	0.04	(0.03)	-1.04	(0.03)	-0.25	(0.02)	0.28	(0.03)	1.17	(0.05)	0.88	(0.02)	12.14
Croatia	-0.12	(0.03)	-1.43	(0.04)	-0.43	(0.04)	0.21	(0.03)	1.17	(0.04)	1.02	(0.01)	15.84
Cyprus*	-0.19	(0.02)	-1.32	(0.03)	-0.46	(0.02)	0.03	(0.01)	0.99	(0.03)	0.92	(0.01)	9.77
Hong Kong-China	0.29	(0.02)	-0.93	(0.04)	-0.02	(0.02)	0.55	(0.03)	1.55	(0.03)	0.97	(0.01)	6.41
Indonesia	0.12	(0.02)	-0.96	(0.03)	-0.17	(0.02)	0.36	(0.03)	1.27	(0.03)	0.88	(0.01)	13.89
Jordan	-0.23	(0.03)	-1.51	(0.03)	-0.64	(0.03)	0.03	(0.04)	1.20	(0.04)	1.07	(0.01)	15.44
Kazakhstan	0.72	(0.03)	-0.64	(0.04)	0.45	(0.05)	1.20	(0.06)	1.85	(0.00)	0.99	(0.01)	11.06
Latvia	0.08	(0.04)	-1.11	(0.05)	-0.24	(0.03)	0.38	(0.06)	1.30	(0.04)	0.95	(0.02)	22.38
Liechtenstein	0.25	(0.07)	-1.03	(0.12)	-0.07	(0.08)	0.59	(0.11)	1.53	(0.08)	1.01	(0.05)	20.05
Lithuania	0.28	(0.03)	-1.09	(0.03)	-0.09	(0.03)	0.66	(0.04)	1.63	(0.03)	1.06	(0.01)	15.51
Macao-China	0.10	(0.01)	-0.86	(0.02)	-0.14	(0.01)	0.29	(0.02)	1.11	(0.02)	0.79	(0.01)	18.09
Malaysia	-0.21	(0.02)	-1.21	(0.03)	-0.49	(0.02)	0.00	(0.02)	0.85	(0.03)	0.83	(0.01)	12.15
Montenegro	-0.02	(0.02)	-1.31	(0.03)	-0.34	(0.02)	0.35	(0.03)	1.23	(0.02)	1.01	(0.01)	3.58
Peru	-0.04	(0.02)	-1.01	(0.03)	-0.26	(0.02)	0.20	(0.03)	0.93	(0.03)	0.78	(0.01)	9.14
Qatar	-0.32	(0.01)	-1.67	(0.02)	-0.77	(0.02)	-0.01	(0.02)	1.17	(0.02)	1.12	(0.01)	10.78
Romania	0.01	(0.04)	-1.22	(0.04)	-0.36	(0.04)	0.30	(0.05)	1.34	(0.04)	1.00	(0.01)	10.28
Russian Federation	0.35	(0.03)	-0.98	(0.04)	0.01	(0.04)	0.74	(0.04)	1.62	(0.03)	1.02	(0.02)	17.92
Serbia	-0.16	(0.03)	-1.45	(0.04)	-0.46	(0.04)	0.16	(0.03)	1.13	(0.04)	1.02	(0.02)	15.43
Shanghai-China	0.57	(0.03)	-0.64	(0.03)	0.25	(0.03)	0.94	(0.03)	1.75	(0.03)	0.95	(0.01)	14.37
Singapore	0.21	(0.02)	-1.09	(0.03)	-0.09	(0.02)	0.56	(0.02)	1.46	(0.02)	1.00	(0.01)	11.10
Chinese Taipei	-0.01	(0.03)	-1.23	(0.03)	-0.28	(0.02)	0.19	(0.03)	1.28	(0.04)	0.98	(0.01)	10.04
Thailand	0.07	(0.02)	-0.88	(0.03)	-0.14	(0.01)	0.26	(0.02)	1.02	(0.03)	0.77	(0.01)	6.25
Tunisia	-0.43	(0.02)	-1.47	(0.03)	-0.74	(0.02)	-0.23	(0.03)	0.71	(0.03)	0.87	(0.01)	18.00
United Arab Emirates	0.02	(0.02)	-1.29	(0.02)	-0.36	(0.02)	0.37	(0.03)	1.37	(0.02)	1.04	(0.01)	10.97
Uruguay	-0.16	(0.03)	-1.40	(0.03)	-0.48	(0.04)	0.15	(0.03)	1.07	(0.03)	0.98	(0.01)	11.37
Viet Nam	0.36	(0.02)	-0.49	(0.03)	0.11	(0.02)	0.58	(0.02)	1.25	(0.02)	0.70	(0.01)	18.65

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of disciplinary climate and mathematics performance

Table IV.5.6 Results based on students' self-reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>465</b> (2.6)		<b>491</b> (2.7)		<b>515</b> (2.9)		<b>546</b> (3.1)		<b>29.7</b> (1.4)		<b>1.89</b> (0.1)		<b>10.4</b> (0.9)	
Australia	465 (2.6)		491 (2.7)		515 (2.9)		546 (3.1)		29.7 (1.4)		1.89 (0.1)		10.4 (0.9)	
Austria	487 (5.4)		502 (4.2)		513 (4.8)		531 (4.9)		14.6 (2.3)		1.53 (0.1)		3.0 (0.9)	
Belgium	496 (4.0)		518 (3.7)		530 (3.7)		544 (3.9)		17.2 (1.9)		1.52 (0.1)		3.3 (0.7)	
Canada	496 (2.9)		514 (3.5)		528 (3.1)		545 (2.9)		18.0 (1.2)		1.59 (0.1)		4.0 (0.5)	
Chile	412 (5.0)		424 (4.1)		423 (4.0)		432 (4.1)		8.2 (2.1)		1.30 (0.1)		0.8 (0.5)	
Czech Republic	474 (5.5)		494 (4.8)		516 (5.2)		534 (5.4)		20.3 (2.3)		1.81 (0.2)		6.0 (1.3)	
Denmark	489 (3.7)		500 (4.1)		507 (4.2)		524 (3.4)		13.8 (2.0)		1.40 (0.1)		2.2 (0.6)	
Estonia	498 (3.6)		515 (4.5)		529 (3.8)		540 (3.7)		16.8 (1.9)		1.55 (0.1)		4.0 (0.9)	
Finland	509 (3.7)		523 (4.0)		523 (3.4)		534 (3.6)		8.6 (2.0)		1.32 (0.1)		0.8 (0.4)	
France	482 (4.2)		482 (4.9)		503 (4.5)		526 (4.3)		16.4 (1.8)		1.25 (0.1)		3.2 (0.7)	
Germany	499 (5.4)		515 (4.8)		530 (5.8)		548 (4.3)		17.5 (2.1)		1.65 (0.2)		3.8 (0.9)	
Greece	430 (4.1)		446 (4.5)		459 (3.8)		486 (3.9)		21.6 (2.0)		1.75 (0.1)		5.0 (0.9)	
Hungary	451 (4.6)		461 (4.8)		484 (5.6)		517 (6.7)		25.2 (2.7)		1.60 (0.2)		8.0 (1.5)	
Iceland	481 (4.8)		496 (5.0)		501 (4.8)		507 (4.3)		12.4 (2.6)		1.32 (0.1)		1.5 (0.6)	
Ireland	472 (4.6)		493 (4.7)		514 (4.0)		526 (4.2)		19.6 (1.8)		1.82 (0.2)		6.5 (1.1)	
Israel	426 (6.5)		470 (5.8)		497 (6.1)		502 (6.1)		26.2 (2.2)		2.07 (0.1)		7.4 (1.1)	
Italy	464 (2.6)		477 (2.6)		497 (3.0)		511 (3.1)		17.9 (1.3)		1.50 (0.1)		3.7 (0.5)	
Japan	504 (5.6)		539 (5.1)		548 (4.5)		557 (5.1)		22.7 (2.6)		1.84 (0.1)		4.9 (1.0)	
Korea	531 (6.1)		541 (5.0)		563 (6.2)		581 (7.3)		22.2 (3.2)		1.50 (0.1)		3.9 (1.1)	
Luxembourg	469 (3.6)		480 (4.0)		499 (3.3)		513 (3.1)		15.2 (1.4)		1.41 (0.1)		3.1 (0.6)	
Mexico	401 (2.1)		411 (1.6)		417 (1.8)		428 (2.0)		11.3 (1.0)		1.41 (0.1)		1.9 (0.3)	
Netherlands	507 (5.5)		529 (5.6)		534 (5.5)		548 (5.6)		15.5 (2.9)		1.44 (0.1)		2.7 (0.9)	
New Zealand	463 (3.6)		486 (4.9)		507 (4.7)		543 (4.8)		29.8 (2.3)		1.80 (0.2)		9.2 (1.4)	
Norway	470 (4.7)		490 (4.3)		497 (4.9)		507 (4.8)		15.5 (2.2)		1.44 (0.1)		2.2 (0.6)	
Poland	502 (5.2)		513 (4.3)		525 (5.3)		534 (6.7)		11.8 (2.3)		1.35 (0.1)		1.9 (0.7)	
Portugal	475 (5.6)		483 (5.9)		488 (5.4)		513 (4.5)		14.5 (2.3)		1.34 (0.1)		2.3 (0.7)	
Slovak Republic	453 (6.0)		479 (5.7)		495 (5.2)		510 (4.8)		22.7 (2.8)		1.82 (0.1)		4.5 (1.1)	
Slovenia	474 (3.3)		487 (3.7)		519 (5.3)		536 (4.8)		23.5 (1.8)		1.61 (0.1)		7.3 (1.1)	
Spain	467 (3.6)		480 (3.4)		492 (2.6)		505 (3.2)		13.6 (1.6)		1.51 (0.1)		2.6 (0.6)	
Sweden	464 (4.0)		483 (4.5)		484 (4.3)		497 (4.1)		11.5 (2.3)		1.37 (0.1)		1.3 (0.5)	
Switzerland	512 (4.4)		528 (4.0)		539 (4.5)		546 (5.0)		12.6 (2.2)		1.40 (0.1)		1.8 (0.6)	
Turkey	425 (4.9)		435 (5.2)		458 (7.3)		479 (7.7)		21.8 (2.8)		1.45 (0.1)		4.9 (1.1)	
United Kingdom	466 (4.2)		485 (4.6)		513 (4.7)		526 (5.1)		23.0 (1.9)		1.80 (0.1)		6.9 (1.1)	
United States	447 (4.9)		477 (4.8)		499 (5.5)		515 (4.7)		25.3 (1.9)		1.91 (0.1)		8.1 (1.1)	
OECD average	472 (0.8)		490 (0.8)		504 (0.8)		520 (0.8)		18.1 (0.4)		1.57 (0.0)		4.2 (0.2)	
<b>Partners</b>														
Albania	389 (4.6)		399 (4.6)		395 (5.3)		392 (4.9)		0.8 (2.6)		1.09 (0.1)		0.0 (0.1)	
Argentina	380 (4.9)		386 (4.9)		393 (4.5)		403 (5.2)		9.2 (2.5)		1.35 (0.1)		1.2 (0.6)	
Brazil	376 (2.9)		391 (3.0)		397 (2.9)		407 (3.0)		11.6 (1.4)		1.43 (0.1)		2.0 (0.5)	
Bulgaria	407 (5.6)		438 (5.1)		452 (5.5)		469 (6.0)		25.8 (3.1)		1.92 (0.2)		6.4 (1.4)	
Colombia	368 (4.2)		378 (4.3)		381 (4.1)		394 (3.9)		11.6 (1.9)		1.44 (0.1)		1.8 (0.6)	
Costa Rica	400 (3.4)		406 (3.8)		404 (5.9)		416 (5.2)		7.1 (2.6)		1.09 (0.1)		0.8 (0.6)	
Croatia	438 (3.9)		460 (4.6)		480 (5.3)		513 (7.4)		26.7 (2.8)		1.83 (0.1)		9.6 (1.7)	
Cyprus*	423 (3.4)		438 (3.4)		450 (3.3)		465 (3.4)		15.3 (1.9)		1.58 (0.1)		2.4 (0.6)	
Hong Kong-China	542 (5.7)		559 (4.4)		575 (4.4)		578 (4.5)		14.1 (2.3)		1.49 (0.1)		2.1 (0.7)	
Indonesia	360 (5.9)		386 (4.9)		387 (5.5)		369 (4.1)		3.8 (2.1)		1.54 (0.1)		0.2 (0.2)	
Jordan	367 (4.3)		378 (3.9)		400 (4.1)		407 (5.9)		14.4 (2.2)		1.55 (0.1)		4.1 (1.1)	
Kazakhstan	411 (3.8)		429 (4.9)		442 (4.8)		446 (4.5)		14.7 (1.7)		1.65 (0.1)		4.3 (0.9)	
Latvia	478 (4.6)		485 (4.8)		494 (5.5)		503 (5.3)		10.6 (2.1)		1.41 (0.1)		1.5 (0.6)	
Liechtenstein	520 (14.1)		536 (18.5)		536 (15.0)		554 (15.4)		14.4 (6.7)		1.14 (0.4)		2.4 (2.2)	
Lithuania	445 (3.8)		471 (5.1)		491 (4.0)		506 (4.5)		21.1 (2.0)		1.99 (0.1)		6.3 (1.1)	
Macao-China	524 (3.3)		533 (3.5)		544 (3.2)		559 (3.1)		16.2 (2.1)		1.38 (0.1)		1.9 (0.5)	
Malaysia	388 (4.7)		415 (4.5)		432 (4.1)		452 (4.6)		29.4 (2.1)		2.06 (0.2)		9.3 (1.4)	
Montenegro	390 (3.5)		406 (3.2)		420 (3.7)		428 (4.2)		13.3 (1.7)		1.54 (0.1)		2.6 (0.7)	
Peru	359 (5.2)		369 (5.5)		376 (4.7)		382 (4.7)		11.1 (2.7)		1.50 (0.1)		1.1 (0.5)	
Qatar	353 (2.9)		353 (2.3)		399 (2.8)		422 (2.8)		23.1 (1.2)		1.56 (0.1)		6.8 (0.7)	
Romania	424 (5.1)		431 (4.8)		452 (4.9)		474 (5.8)		20.5 (2.2)		1.56 (0.1)		6.5 (1.3)	
Russian Federation	462 (3.6)		478 (5.0)		491 (4.4)		500 (4.7)		14.6 (1.7)		1.52 (0.1)		3.1 (0.7)	
Serbia	422 (5.6)		444 (4.4)		457 (5.6)		475 (5.6)		19.7 (2.3)		1.65 (0.1)		4.8 (1.1)	
Shanghai-China	572 (5.4)		598 (5.8)		631 (4.5)		649 (4.4)		33.4 (2.5)		1.96 (0.1)		9.9 (1.2)	
Singapore	527 (3.6)		564 (3.7)		598 (3.6)		614 (3.3)		33.7 (1.9)		2.38 (0.1)		10.7 (1.1)	
Chinese Taipei	527 (4.9)		551 (5.5)		564 (5.4)		598 (5.9)		26.7 (2.6)		1.61 (0.1)		5.3 (1.0)	
Thailand	404 (4.6)		425 (4.7)		441 (4.3)		440 (4.7)		17.6 (2.2)		1.60 (0.2)		2.8 (0.7)	
Tunisia	382 (4.4)		383 (5.0)		391 (5.3)		400 (5.1)		6.4 (1.9)		1.13 (0.1)		0.5 (0.3)	
United Arab Emirates	402 (3.2)		432 (3.6)		451 (4.3)		458 (4.6)		19.7 (1.8)		1.85 (0.1)		5.5 (0.9)	
Uruguay	386 (3.8)		405 (4.7)		422 (5.1)		435 (4.2)		19.0 (2.2)		1.64 (0.1)		4.5 (1.0)	
Viet Nam	499 (6.4)		513 (5.6)		519 (5.9)		516 (7.2)		8.4 (3.3)		1.25 (0.1)		0.5 (0.4)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
Index of teacher-related factors affecting school climate and mathematics performance

Table IV.5.7 Results based on school principals' reports

	Index of teacher-related factors affecting school climate										Variability in this index			
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.		
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.				
<b>OECD</b>	Australia	-0.15 (0.03)	-1.18 (0.04)	-0.54 (0.03)	-0.07 (0.03)	1.21 (0.09)	0.99 (0.04)	Austria	-0.16 (0.07)	-1.18 (0.09)	-0.48 (0.07)	0.01 (0.08)	1.01 (0.13)	0.88 (0.05)
	Belgium	-0.26 (0.05)	-1.19 (0.04)	-0.62 (0.04)	-0.09 (0.08)	0.89 (0.09)	0.83 (0.04)	Canada	0.10 (0.04)	-0.99 (0.05)	-0.31 (0.04)	0.30 (0.06)	1.40 (0.08)	0.97 (0.04)
	Chile	-0.55 (0.08)	-1.80 (0.13)	-0.84 (0.08)	-0.29 (0.09)	0.74 (0.16)	1.02 (0.07)	Czech Republic	0.19 (0.05)	-0.67 (0.05)	-0.15 (0.06)	0.27 (0.06)	1.31 (0.12)	0.81 (0.04)
	Denmark	0.13 (0.06)	-0.89 (0.06)	-0.32 (0.05)	0.24 (0.10)	1.48 (0.13)	0.94 (0.05)	Estonia	0.14 (0.05)	-0.94 (0.06)	-0.20 (0.06)	0.38 (0.07)	1.31 (0.10)	0.89 (0.04)
	Finland	-0.08 (0.05)	-0.95 (0.04)	-0.43 (0.05)	0.04 (0.08)	1.03 (0.09)	0.78 (0.03)	France	-0.17 (0.06)	-1.14 (0.06)	-0.54 (0.06)	0.00 (0.08)	1.02 (0.11)	0.88 (0.06)
	Germany	-0.31 (0.05)	-1.02 (0.05)	-0.58 (0.04)	-0.27 (0.05)	0.64 (0.14)	0.71 (0.06)	Greece	-0.16 (0.09)	-1.57 (0.13)	-0.56 (0.08)	0.10 (0.10)	1.39 (0.16)	1.19 (0.07)
	Hungary	0.37 (0.07)	-0.64 (0.06)	0.01 (0.07)	0.54 (0.08)	1.57 (0.15)	0.89 (0.06)	Iceland	0.05 (0.01)	-0.99 (0.00)	-0.35 (0.01)	0.28 (0.01)	1.28 (0.01)	0.92 (0.01)
	Ireland	0.10 (0.08)	-1.02 (0.08)	-0.31 (0.07)	0.30 (0.12)	1.44 (0.16)	0.99 (0.07)	Israel	-0.37 (0.08)	-1.60 (0.13)	-0.67 (0.08)	-0.09 (0.09)	0.88 (0.14)	1.02 (0.08)
	Italy	-0.29 (0.04)	-1.35 (0.05)	-0.62 (0.04)	-0.15 (0.04)	0.98 (0.09)	0.95 (0.04)	Japan	-0.31 (0.06)	-1.15 (0.06)	-0.59 (0.05)	-0.23 (0.05)	0.74 (0.14)	0.81 (0.06)
	Korea	0.04 (0.10)	-1.14 (0.17)	-0.35 (0.06)	0.04 (0.08)	1.60 (0.23)	1.14 (0.12)	Luxembourg	-0.29 (0.00)	-1.10 (0.00)	-0.65 (0.00)	-0.10 (0.00)	0.68 (0.00)	0.73 (0.00)
	Mexico	-0.27 (0.04)	-1.39 (0.05)	-0.63 (0.04)	-0.10 (0.04)	1.05 (0.05)	0.99 (0.02)	Netherlands	-0.85 (0.04)	-1.50 (0.06)	-1.03 (0.05)	-0.72 (0.05)	-0.17 (0.08)	0.53 (0.04)
	New Zealand	-0.16 (0.07)	-1.03 (0.06)	-0.53 (0.07)	-0.02 (0.11)	0.92 (0.11)	0.79 (0.05)	Norway	-0.45 (0.06)	-1.22 (0.05)	-0.80 (0.04)	-0.38 (0.06)	0.61 (0.15)	0.80 (0.07)
	Poland	0.47 (0.06)	-0.51 (0.07)	0.08 (0.07)	0.69 (0.10)	1.62 (0.08)	0.86 (0.04)	Portugal	0.11 (0.09)	-0.96 (0.14)	-0.23 (0.08)	0.27 (0.10)	1.37 (0.14)	0.95 (0.07)
	Slovak Republic	0.04 (0.06)	-0.82 (0.04)	-0.28 (0.06)	0.18 (0.08)	1.08 (0.11)	0.76 (0.04)	Slovenia	-0.08 (0.01)	-1.06 (0.02)	-0.42 (0.01)	0.00 (0.01)	1.17 (0.02)	0.92 (0.01)
	Spain	-0.19 (0.05)	-1.28 (0.05)	-0.56 (0.06)	0.01 (0.06)	1.06 (0.12)	0.94 (0.05)	Sweden	-0.09 (0.07)	-1.18 (0.08)	-0.48 (0.06)	-0.02 (0.08)	1.31 (0.15)	1.02 (0.07)
	Switzerland	0.01 (0.05)	-0.87 (0.06)	-0.29 (0.05)	0.19 (0.07)	1.02 (0.08)	0.77 (0.04)	Turkey	-0.23 (0.08)	-1.48 (0.09)	-0.68 (0.09)	0.00 (0.12)	1.25 (0.11)	1.12 (0.05)
	United Kingdom	0.38 (0.07)	-0.72 (0.05)	-0.12 (0.06)	0.45 (0.09)	1.90 (0.14)	1.05 (0.05)	United States	0.13 (0.10)	-1.09 (0.10)	-0.39 (0.07)	0.20 (0.13)	1.80 (0.20)	1.16 (0.08)
	OECD average	-0.09 (0.01)	-1.11 (0.01)	-0.46 (0.01)	0.06 (0.01)	1.13 (0.02)	0.91 (0.01)							
<b>Partners</b>	Albania	0.55 (0.08)	-0.70 (0.12)	0.18 (0.08)	0.79 (0.10)	1.94 (0.15)	1.06 (0.07)	Argentina	-0.39 (0.07)	-1.47 (0.07)	-0.79 (0.08)	-0.20 (0.12)	0.92 (0.10)	0.93 (0.04)
	Brazil	-0.33 (0.06)	-1.78 (0.09)	-0.78 (0.07)	-0.15 (0.06)	1.41 (0.13)	1.27 (0.06)	Bulgaria	0.37 (0.10)	-1.29 (0.10)	-0.13 (0.12)	0.76 (0.15)	2.13 (0.13)	1.33 (0.05)
	Colombia	-0.53 (0.08)	-1.89 (0.12)	-0.89 (0.08)	-0.26 (0.09)	0.92 (0.14)	1.13 (0.06)	Costa Rica	-0.45 (0.06)	-1.45 (0.06)	-0.78 (0.06)	-0.33 (0.08)	0.76 (0.15)	0.91 (0.08)
	Croatia	-0.31 (0.08)	-1.25 (0.08)	-0.68 (0.06)	-0.18 (0.10)	0.89 (0.14)	0.87 (0.05)	Cyprus*	-0.43 (0.00)	-1.36 (0.00)	-0.70 (0.00)	-0.25 (0.00)	0.59 (0.00)	0.83 (0.00)
	Hong Kong-China	-0.37 (0.07)	-1.23 (0.06)	-0.69 (0.04)	-0.33 (0.06)	0.76 (0.18)	0.86 (0.08)	Indonesia	0.30 (0.08)	-0.83 (0.09)	-0.04 (0.08)	0.49 (0.09)	1.60 (0.17)	0.99 (0.07)
	Jordan	-0.48 (0.09)	-2.00 (0.15)	-0.92 (0.07)	-0.23 (0.11)	1.22 (0.17)	1.28 (0.08)	Kazakhstan	-0.57 (0.13)	-2.51 (0.12)	-1.37 (0.18)	0.01 (0.20)	1.59 (0.15)	1.61 (0.07)
	Latvia	0.13 (0.07)	-0.87 (0.09)	-0.25 (0.06)	0.33 (0.10)	1.30 (0.13)	0.89 (0.05)	Liechtenstein	-0.12 (0.01)	c c	c c	c c	c c	0.66 (0.01)
	Lithuania	0.54 (0.05)	-0.38 (0.07)	0.29 (0.06)	0.72 (0.06)	1.54 (0.09)	0.76 (0.04)	Macao-China	-0.09 (0.00)	-1.52 (0.00)	-0.60 (0.00)	-0.01 (0.00)	1.77 (0.00)	1.31 (0.00)
	Malaysia	0.05 (0.08)	-1.07 (0.12)	-0.30 (0.08)	0.24 (0.10)	1.33 (0.14)	0.98 (0.07)	Montenegro	0.08 (0.00)	-0.84 (0.00)	-0.15 (0.00)	0.18 (0.00)	1.14 (0.00)	0.79 (0.00)
	Peru	-0.32 (0.06)	-1.61 (0.11)	-0.70 (0.08)	-0.05 (0.07)	1.06 (0.12)	1.08 (0.06)	Qatar	0.45 (0.00)	-1.21 (0.00)	0.13 (0.00)	0.85 (0.00)	2.03 (0.00)	1.33 (0.00)
	Romania	0.58 (0.08)	-0.53 (0.08)	0.23 (0.07)	0.72 (0.09)	1.92 (0.15)	0.99 (0.05)	Russian Federation	-0.27 (0.08)	-1.94 (0.11)	-0.64 (0.10)	0.17 (0.08)	1.32 (0.14)	1.27 (0.07)
	Serbia	-0.01 (0.09)	-1.09 (0.08)	-0.41 (0.07)	0.10 (0.10)	1.35 (0.19)	0.98 (0.07)	Shanghai-China	-0.64 (0.12)	-2.60 (0.15)	-1.15 (0.21)	-0.04 (0.11)	1.25 (0.18)	1.52 (0.08)
	Singapore	0.06 (0.00)	-1.00 (0.00)	-0.45 (0.00)	0.05 (0.01)	1.64 (0.01)	1.09 (0.01)	Chinese Taipei	0.02 (0.11)	-1.49 (0.16)	-0.44 (0.09)	0.26 (0.12)	1.74 (0.17)	1.28 (0.07)
	Thailand	-0.08 (0.07)	-1.10 (0.08)	-0.35 (0.07)	0.13 (0.08)	0.98 (0.12)	0.83 (0.05)	Tunisia	-0.70 (0.07)	-1.62 (0.09)	-0.98 (0.05)	-0.58 (0.07)	0.37 (0.15)	0.81 (0.07)
	United Arab Emirates	0.04 (0.06)	-1.65 (0.10)	-0.39 (0.09)	0.44 (0.07)	1.76 (0.11)	1.38 (0.05)	Uruguay	-0.67 (0.06)	-1.88 (0.10)	-1.01 (0.07)	-0.37 (0.07)	0.59 (0.13)	1.01 (0.07)
	Viet Nam	-0.10 (0.06)	-0.96 (0.08)	-0.35 (0.08)	0.05 (0.05)	0.87 (0.09)	0.72 (0.04)							

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of teacher-related factors affecting school climate and mathematics performance

Table IV.5.7 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>480</b> (3.3)		502 (4.2)		514 (4.5)		<b>522</b> (3.9)		<b>15.9</b> (1.9)		<b>1.51</b> (0.1)		2.7 (0.7)	
Austria	493 (9.8)		498 (8.2)		512 (10.0)		517 (10.1)		9.1 (5.3)		1.16 (0.2)		0.7 (0.9)	
Belgium	<b>474</b> (8.0)		521 (8.4)		535 (8.7)		<b>531</b> (7.9)		<b>24.4</b> (4.9)		<b>1.92</b> (0.2)		3.9 (1.6)	
Canada	<b>510</b> (5.0)		516 (3.6)		520 (4.6)		<b>527</b> (4.1)		<b>6.1</b> (2.5)		<b>1.19</b> (0.1)		0.4 (0.4)	
Chile	<b>392</b> (5.8)		416 (7.0)		433 (7.6)		<b>451</b> (7.4)		<b>21.4</b> (3.8)		<b>1.78</b> (0.2)		7.4 (2.2)	
Czech Republic	<b>486</b> (8.5)		502 (8.9)		500 (9.8)		<b>511</b> (8.5)		7.6 (4.5)		1.25 (0.2)		0.4 (0.5)	
Denmark	<b>485</b> (4.7)		501 (5.4)		507 (5.7)		<b>510</b> (6.2)		<b>8.6</b> (2.4)		<b>1.47</b> (0.1)		1.0 (0.5)	
Estonia	<b>512</b> (4.4)		514 (3.5)		521 (5.7)		<b>532</b> (6.1)		<b>8.2</b> (2.9)		1.15 (0.1)		0.8 (0.6)	
Finland	514 (3.9)		520 (3.5)		521 (4.7)		520 (3.9)		1.9 (2.3)		1.07 (0.1)		0.0 (0.1)	
France	<b>468</b> (9.1)		489 (8.9)		521 (8.9)		<b>508</b> (8.6)		<b>16.0</b> (6.0)		<b>1.61</b> (0.2)		2.1 (1.5)	
Germany	<b>485</b> (8.3)		530 (9.5)		527 (11.0)		<b>512</b> (10.1)		12.1 (6.8)		<b>1.57</b> (0.2)		0.8 (0.9)	
Greece	<b>440</b> (6.6)		443 (7.6)		467 (6.9)		<b>462</b> (7.3)		3.8 (2.7)		1.28 (0.2)		0.3 (0.4)	
Hungary	<b>452</b> (8.0)		488 (10.1)		473 (9.4)		<b>499</b> (9.1)		<b>19.5</b> (5.7)		<b>1.48</b> (0.3)		3.4 (2.3)	
Iceland	488 (3.1)		498 (3.7)		490 (3.5)		496 (3.2)		-0.5 (1.6)		1.07 (0.1)		0.0 (0.0)	
Ireland	<b>485</b> (7.6)		503 (6.9)		502 (5.7)		<b>518</b> (6.1)		<b>11.2</b> (3.3)		<b>1.47</b> (0.2)		1.7 (1.0)	
Israel	459 (12.1)		470 (11.0)		473 (11.1)		470 (11.8)		6.7 (6.3)		1.17 (0.2)		0.4 (0.8)	
Italy	482 (5.9)		495 (5.0)		488 (5.9)		488 (5.3)		0.8 (3.2)		1.10 (0.1)		0.0 (0.1)	
Japan	<b>511</b> (8.0)		529 (11.2)		542 (8.8)		<b>563</b> (9.6)		<b>22.2</b> (6.0)		<b>1.50</b> (0.2)		3.7 (2.0)	
Korea	544 (8.9)		560 (9.4)		541 (10.9)		568 (12.2)		7.4 (4.7)		1.23 (0.2)		0.7 (1.0)	
Luxembourg	<b>494</b> (2.0)		474 (2.2)		512 (2.1)		<b>486</b> (2.6)		<b>2.7</b> (1.4)		<b>0.86</b> (0.1)		0.0 (0.0)	
Mexico	<b>404</b> (2.8)		412 (3.1)		419 (2.5)		<b>419</b> (3.4)		<b>6.3</b> (1.6)		<b>1.19</b> (0.1)		0.7 (0.4)	
Netherlands	515 (10.7)		523 (12.5)		520 (11.0)		520 (13.7)		-10.0 (12.4)		0.99 (0.2)		0.3 (0.8)	
New Zealand	<b>474</b> (7.4)		510 (6.8)		513 (8.9)		<b>509</b> (8.5)		<b>16.0</b> (5.0)		<b>1.55</b> (0.2)		1.6 (1.0)	
Norway	<b>476</b> (6.5)		489 (5.2)		493 (5.1)		<b>503</b> (6.0)		<b>15.8</b> (3.3)		<b>1.26</b> (0.1)		2.0 (0.9)	
Poland	513 (6.2)		521 (7.3)		514 (6.0)		522 (9.5)		5.2 (6.0)		1.04 (0.1)		0.2 (0.6)	
Portugal	477 (10.4)		485 (12.3)		483 (8.2)		500 (8.2)		<b>11.8</b> (4.3)		1.17 (0.2)		1.4 (1.1)	
Slovak Republic	482 (9.2)		484 (9.6)		476 (13.1)		484 (9.1)		4.3 (7.5)		0.92 (0.1)		0.1 (0.5)	
Slovenia	<b>476</b> (2.9)		515 (4.0)		519 (3.2)		<b>509</b> (2.9)		<b>17.6</b> (1.3)		<b>1.55</b> (0.1)		3.2 (0.5)	
Spain	<b>471</b> (4.1)		486 (5.2)		485 (4.0)		<b>498</b> (3.4)		<b>10.2</b> (1.8)		<b>1.36</b> (0.1)		1.2 (0.5)	
Sweden	477 (5.9)		471 (5.5)		477 (5.5)		489 (5.7)		<b>6.0</b> (2.5)		1.05 (0.1)		0.5 (0.4)	
Switzerland	520 (8.5)		533 (6.3)		537 (9.4)		542 (8.5)		10.6 (5.4)		1.33 (0.2)		0.7 (0.8)	
Turkey	<b>431</b> (7.9)		432 (9.6)		450 (12.5)		<b>481</b> (15.2)		<b>19.5</b> (6.6)		1.21 (0.2)		5.8 (3.6)	
United Kingdom	<b>479</b> (7.9)		499 (6.3)		487 (9.9)		<b>515</b> (8.9)		<b>12.6</b> (4.8)		1.26 (0.2)		1.9 (1.5)	
United States	<b>451</b> (7.0)		491 (8.4)		489 (8.8)		<b>498</b> (7.6)		<b>13.0</b> (3.0)		<b>1.78</b> (0.2)		2.8 (1.2)	
OECD average	<b>479</b> (1.2)		495 (1.3)		499 (1.4)		<b>505</b> (1.4)		<b>10.1</b> (0.8)		<b>1.31</b> (0.0)		1.6 (0.2)	
<b>Partners</b>														
Albania	395 (4.3)		395 (4.5)		396 (5.8)		392 (5.1)		-0.9 (2.1)		1.04 (0.1)		0.0 (0.1)	
Argentina	<b>372</b> (7.4)		382 (7.9)		392 (9.8)		<b>396</b> (9.3)		<b>13.5</b> (4.0)		1.29 (0.2)		2.7 (1.7)	
Brazil	<b>380</b> (3.5)		385 (4.1)		388 (4.8)		<b>413</b> (7.1)		<b>11.0</b> (2.7)		1.10 (0.1)		3.3 (1.6)	
Bulgaria	429 (9.9)		438 (9.6)		437 (10.0)		447 (9.8)		6.6 (4.1)		1.19 (0.2)		0.9 (1.1)	
Colombia	<b>367</b> (5.2)		375 (5.9)		370 (5.9)		<b>391</b> (6.9)		<b>7.9</b> (3.1)		1.15 (0.2)		1.5 (1.1)	
Costa Rica	<b>395</b> (5.4)		405 (6.6)		405 (7.2)		<b>422</b> (9.0)		<b>13.4</b> (4.2)		1.19 (0.2)		3.2 (2.0)	
Croatia	463 (7.9)		462 (9.2)		481 (8.7)		478 (11.7)		7.5 (6.3)		1.13 (0.2)		0.5 (0.9)	
Cyprus*	<b>436</b> (2.6)		444 (2.8)		433 (2.8)		<b>448</b> (2.3)		<b>6.7</b> (1.4)		1.07 (0.1)		0.4 (0.1)	
Hong Kong-China	<b>532</b> (9.3)		553 (10.5)		575 (8.4)		<b>585</b> (9.7)		<b>22.7</b> (5.4)		<b>1.66</b> (0.3)		4.1 (2.0)	
Indonesia	374 (9.1)		354 (8.7)		385 (8.6)		386 (10.2)		7.7 (4.9)		0.91 (0.2)		1.2 (1.4)	
Jordan	<b>376</b> (6.9)		374 (6.3)		391 (8.8)		<b>405</b> (8.4)		<b>7.3</b> (3.0)		1.22 (0.1)		1.4 (1.1)	
Kazakhstan	428 (6.3)		434 (7.8)		435 (7.6)		427 (6.3)		-1.2 (1.9)		1.09 (0.1)		0.1 (0.3)	
Latvia	493 (5.3)		489 (5.0)		483 (7.1)		495 (8.6)		2.3 (4.3)		0.87 (0.1)		0.1 (0.3)	
Liechtenstein	c	c	c	c	c	c	c	c	-6.0 (5.7)		0.90 (0.3)		0.2 (0.4)	
Lithuania	<b>465</b> (5.9)		475 (6.2)		479 (6.5)		<b>496</b> (5.8)		<b>15.4</b> (4.5)		1.22 (0.1)		1.7 (1.0)	
Macao-China	<b>524</b> (2.0)		538 (1.7)		539 (2.0)		<b>552</b> (2.2)		<b>11.7</b> (0.8)		<b>1.22</b> (0.1)		2.7 (0.3)	
Malaysia	<b>408</b> (4.7)		420 (7.8)		411 (9.0)		<b>444</b> (7.1)		<b>13.2</b> (3.5)		1.25 (0.1)		2.5 (1.3)	
Montenegro	<b>394</b> (2.0)		401 (2.8)		408 (3.0)		<b>436</b> (2.7)		<b>20.3</b> (1.3)		<b>1.25</b> (0.1)		3.8 (0.5)	
Peru	<b>347</b> (5.7)		364 (7.0)		383 (10.1)		<b>379</b> (8.2)		<b>9.0</b> (3.3)		<b>1.34</b> (0.2)		1.3 (1.0)	
Qatar	<b>361</b> (1.7)		362 (1.6)		399 (1.8)		<b>384</b> (1.7)		<b>8.5</b> (0.6)		1.06 (0.1)		1.3 (0.2)	
Romania	441 (7.6)		447 (8.7)		440 (8.3)		451 (8.4)		6.1 (4.2)		1.07 (0.2)		0.5 (0.8)	
Russian Federation	476 (6.2)		473 (6.2)		492 (7.8)		485 (5.4)		4.1 (2.3)		1.10 (0.1)		0.4 (0.4)	
Serbia	434 (10.1)		451 (9.6)		445 (12.2)		463 (11.5)		10.4 (6.1)		1.28 (0.2)		1.3 (1.5)	
Shanghai-China	608 (8.9)		597 (11.3)		610 (12.0)		636 (10.9)		5.6 (3.8)		1.09 (0.2)		0.7 (1.1)	
Singapore	<b>553</b> (2.4)		566 (3.1)		562 (3.3)		<b>607</b> (2.9)		<b>19.0</b> (1.1)		<b>1.25</b> (0.1)		3.9 (0.5)	
Chinese Taipei	<b>536</b> (8.7)		556 (12.2)		559 (10.2)		<b>583</b> (9.3)		<b>13.5</b> (3.9)		1.25 (0.2)		2.3 (1.3)	
Thailand	<b>401</b> (4.8)		428 (7.8)		439 (8.1)		<b>439</b> (9.2)		<b>17.4</b> (4.5)		<b>1.56</b> (0.2)		3.1 (1.5)	
Tunisia	379 (7.2)		393 (7.5)		397 (11.0)		371 (9.6)		-8.1 (4.6)		1.07 (0.2)		0.8 (1.0)	
United Arab Emirates	<b>413</b> (5.2)		428 (4.6)		433 (5.6)		<b>463</b> (5.8)		<b>12.6</b> (1.9)		<b>1.36</b> (0.1)		3.8 (1.0)	
Uruguay	<b>385</b> (6.8)		401 (8.3)		400 (7.9)		<b>451</b> (8.5)		<b>26.8</b> (3.7)		<b>1.39</b> (0.2)		9.3 (2.5)	
Viet Nam	515 (10.4)		512 (8.5)		511 (9.2)		507 (10.2)		-7.5 (7.7)		0.96 (0.2)		0.4 (0.8)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
Index of student-related factors affecting school climate and mathematics performance

Table IV.5.8 Results based on school principals' reports

	Index of student-related factors affecting school climate										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	-0.18	(0.04)	-1.39	(0.04)	-0.51	(0.04)	0.04	(0.04)	1.14	(0.08)	1.02	(0.03)
Austria	-0.30	(0.08)	-1.49	(0.13)	-0.60	(0.07)	0.07	(0.10)	0.83	(0.11)	0.95	(0.06)
Belgium	-0.08	(0.06)	-1.29	(0.06)	-0.44	(0.06)	0.09	(0.06)	1.30	(0.13)	1.04	(0.05)
Canada	-0.47	(0.04)	-1.42	(0.05)	-0.78	(0.04)	-0.31	(0.04)	0.64	(0.07)	0.85	(0.03)
Chile	0.03	(0.09)	-1.52	(0.15)	-0.36	(0.07)	0.40	(0.12)	1.62	(0.14)	1.24	(0.08)
Czech Republic	0.20	(0.06)	-0.96	(0.08)	-0.17	(0.08)	0.47	(0.09)	1.49	(0.10)	0.96	(0.05)
Denmark	0.07	(0.07)	-1.04	(0.10)	-0.18	(0.06)	0.26	(0.07)	1.25	(0.12)	0.91	(0.06)
Estonia	-0.05	(0.05)	-1.12	(0.05)	-0.38	(0.06)	0.18	(0.07)	1.10	(0.08)	0.88	(0.03)
Finland	-0.50	(0.04)	-1.30	(0.05)	-0.74	(0.05)	-0.29	(0.08)	0.33	(0.05)	0.65	(0.03)
France	0.01	(0.06)	-1.16	(0.08)	-0.32	(0.05)	0.15	(0.08)	1.40	(0.11)	1.01	(0.05)
Germany	-0.18	(0.04)	-1.03	(0.07)	-0.40	(0.05)	-0.01	(0.05)	0.72	(0.07)	0.69	(0.03)
Greece	0.03	(0.08)	-1.37	(0.16)	-0.16	(0.08)	0.38	(0.07)	1.26	(0.10)	1.05	(0.07)
Hungary	0.13	(0.05)	-1.22	(0.10)	-0.09	(0.09)	0.47	(0.05)	1.38	(0.11)	1.04	(0.06)
Iceland	0.31	(0.01)	-0.63	(0.01)	-0.08	(0.01)	0.48	(0.01)	1.49	(0.01)	0.86	(0.00)
Ireland	-0.09	(0.06)	-1.15	(0.10)	-0.40	(0.06)	0.09	(0.07)	1.11	(0.12)	0.91	(0.06)
Israel	-0.15	(0.08)	-1.46	(0.12)	-0.40	(0.09)	0.11	(0.08)	1.13	(0.15)	1.04	(0.07)
Italy	0.01	(0.04)	-1.15	(0.05)	-0.31	(0.05)	0.31	(0.04)	1.19	(0.07)	0.94	(0.03)
Japan	0.31	(0.07)	-0.81	(0.11)	0.04	(0.06)	0.52	(0.07)	1.50	(0.11)	0.94	(0.06)
Korea	0.07	(0.09)	-1.32	(0.13)	-0.27	(0.09)	0.35	(0.08)	1.53	(0.18)	1.13	(0.07)
Luxembourg	-0.27	(0.00)	-1.11	(0.00)	-0.43	(0.00)	-0.09	(0.00)	0.53	(0.00)	0.67	(0.00)
Mexico	0.01	(0.03)	-1.18	(0.06)	-0.28	(0.05)	0.33	(0.03)	1.17	(0.05)	0.95	(0.03)
Netherlands	-0.40	(0.05)	-1.28	(0.08)	-0.59	(0.05)	-0.21	(0.06)	0.48	(0.09)	0.70	(0.04)
New Zealand	-0.25	(0.06)	-1.25	(0.10)	-0.47	(0.07)	-0.12	(0.04)	0.85	(0.15)	0.91	(0.07)
Norway	-0.12	(0.05)	-0.96	(0.06)	-0.35	(0.06)	0.00	(0.05)	0.84	(0.11)	0.74	(0.05)
Poland	0.05	(0.06)	-0.89	(0.06)	-0.31	(0.08)	0.24	(0.10)	1.17	(0.09)	0.84	(0.04)
Portugal	-0.14	(0.09)	-1.39	(0.12)	-0.59	(0.10)	0.11	(0.12)	1.29	(0.14)	1.07	(0.06)
Slovak Republic	-0.22	(0.06)	-1.24	(0.06)	-0.58	(0.07)	0.01	(0.10)	0.94	(0.10)	0.85	(0.05)
Slovenia	-0.38	(0.01)	-1.28	(0.01)	-0.73	(0.01)	-0.22	(0.01)	0.72	(0.02)	0.80	(0.01)
Spain	0.19	(0.05)	-0.98	(0.07)	-0.12	(0.05)	0.43	(0.07)	1.43	(0.07)	0.96	(0.04)
Sweden	-0.19	(0.05)	-1.15	(0.07)	-0.44	(0.08)	-0.03	(0.03)	0.85	(0.11)	0.81	(0.05)
Switzerland	-0.04	(0.06)	-0.96	(0.07)	-0.26	(0.06)	0.17	(0.06)	0.89	(0.10)	0.76	(0.05)
Turkey	-0.30	(0.07)	-1.57	(0.11)	-0.66	(0.10)	0.07	(0.09)	0.97	(0.12)	1.01	(0.06)
United Kingdom	0.40	(0.06)	-0.53	(0.06)	0.00	(0.03)	-0.47	(0.08)	1.65	(0.12)	0.91	(0.05)
United States	-0.14	(0.08)	-1.22	(0.08)	-0.46	(0.10)	-0.03	(0.05)	1.16	(0.16)	0.94	(0.06)
OECD average	-0.08	(0.01)	-1.17	(0.01)	-0.38	(0.01)	0.14	(0.01)	1.10	(0.02)	0.91	(0.01)
<b>Partners</b>												
Albania	0.91	(0.07)	-0.23	(0.11)	0.63	(0.08)	1.14	(0.09)	2.11	(0.11)	0.93	(0.05)
Argentina	0.21	(0.10)	-1.28	(0.12)	-0.19	(0.12)	0.59	(0.12)	1.72	(0.14)	1.16	(0.06)
Brazil	-0.49	(0.06)	-1.88	(0.08)	-0.92	(0.07)	-0.23	(0.07)	1.08	(0.11)	1.17	(0.05)
Bulgaria	0.12	(0.10)	-1.50	(0.14)	-0.20	(0.12)	0.57	(0.10)	1.61	(0.14)	1.24	(0.06)
Colombia	-0.59	(0.06)	-1.82	(0.09)	-0.94	(0.06)	-0.39	(0.09)	0.77	(0.12)	1.03	(0.06)
Costa Rica	-0.66	(0.06)	-1.75	(0.06)	-1.08	(0.07)	-0.47	(0.08)	0.68	(0.13)	0.98	(0.05)
Croatia	-0.53	(0.07)	-1.70	(0.07)	-0.87	(0.09)	-0.27	(0.09)	0.73	(0.14)	0.96	(0.06)
Cyprus*	-0.12	(0.00)	-1.28	(0.00)	-0.32	(0.00)	0.03	(0.00)	1.10	(0.00)	0.99	(0.00)
Hong Kong-China	0.37	(0.06)	-0.65	(0.09)	0.06	(0.06)	0.57	(0.07)	1.48	(0.13)	0.88	(0.06)
Indonesia	0.78	(0.06)	-0.05	(0.10)	0.52	(0.06)	0.97	(0.06)	1.68	(0.09)	0.71	(0.05)
Jordan	-0.12	(0.10)	-1.92	(0.15)	-0.54	(0.12)	0.34	(0.10)	1.63	(0.17)	1.38	(0.08)
Kazakhstan	-0.61	(0.13)	-2.54	(0.12)	-1.54	(0.19)	0.02	(0.23)	1.64	(0.12)	1.66	(0.06)
Latvia	-0.19	(0.06)	-1.29	(0.08)	-0.48	(0.08)	0.08	(0.07)	0.95	(0.10)	0.89	(0.04)
Liechtenstein	0.12	(0.02)	c	c	c	c	c	c	c	c	0.63	(0.02)
Lithuania	0.27	(0.05)	-0.61	(0.08)	-0.01	(0.03)	0.40	(0.06)	1.30	(0.12)	0.80	(0.06)
Macao-China	0.53	(0.00)	-1.22	(0.00)	0.02	(0.00)	1.17	(0.00)	2.15	(0.00)	1.41	(0.00)
Malaysia	0.00	(0.09)	-1.34	(0.10)	-0.38	(0.13)	0.27	(0.07)	1.46	(0.14)	1.11	(0.06)
Montenegro	-0.01	(0.00)	-0.93	(0.00)	-0.44	(0.00)	0.20	(0.00)	1.11	(0.01)	0.81	(0.01)
Peru	0.30	(0.06)	-0.93	(0.08)	-0.01	(0.10)	0.64	(0.07)	1.48	(0.09)	0.95	(0.04)
Qatar	0.53	(0.00)	-0.80	(0.00)	0.24	(0.00)	0.69	(0.00)	2.00	(0.00)	1.15	(0.00)
Romania	0.60	(0.07)	-0.56	(0.10)	0.33	(0.09)	0.85	(0.06)	1.77	(0.13)	0.93	(0.05)
Russian Federation	-0.19	(0.11)	-2.11	(0.16)	-0.60	(0.12)	0.39	(0.12)	1.55	(0.14)	1.44	(0.06)
Serbia	-0.50	(0.06)	-1.48	(0.07)	-0.82	(0.06)	-0.29	(0.10)	0.58	(0.10)	0.81	(0.05)
Shanghai-China	0.26	(0.13)	-2.19	(0.11)	-0.44	(0.25)	1.13	(0.21)	2.54	(0.10)	1.82	(0.07)
Singapore	0.47	(0.01)	-0.45	(0.01)	0.09	(0.00)	0.38	(0.01)	1.87	(0.02)	0.97	(0.00)
Chinese Taipei	0.72	(0.11)	-0.99	(0.18)	0.26	(0.12)	1.14	(0.16)	2.47	(0.11)	1.35	(0.07)
Thailand	0.02	(0.06)	-1.05	(0.07)	-0.25	(0.09)	0.28	(0.07)	1.08	(0.10)	0.84	(0.05)
Tunisia	-0.73	(0.08)	-1.86	(0.09)	-1.04	(0.11)	-0.42	(0.07)	0.43	(0.12)	0.90	(0.05)
United Arab Emirates	0.39	(0.06)	-1.35	(0.14)	0.18	(0.06)	0.85	(0.05)	1.89	(0.06)	1.31	(0.05)
Uruguay	0.00	(0.08)	-1.48	(0.11)	-0.56	(0.08)	0.37	(0.11)	1.69	(0.13)	1.26	(0.06)
Viet Nam	0.03	(0.06)	-0.82	(0.08)	-0.21	(0.07)	0.23	(0.07)	0.93	(0.08)	0.69	(0.04)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]


## Index of student-related factors affecting school climate and mathematics performance

Table IV.5.8 Results based on school principals' reports

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index	Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
	Bottom quarter		Second quarter		Third quarter		Top quarter			Score dif.	S.E.	Ratio	S.E.	% S.E.
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.						
<b>OECD</b>	<b>468</b>	(2.9)	<b>493</b>	(4.5)	<b>517</b>	(3.7)	<b>540</b>	(3.7)	<b>25.8</b>	(1.4)	<b>1.80</b>	(0.1)	<b>7.5</b>	(0.7)
Austria	482	(7.9)	514	(10.5)	508	(9.9)	518	(8.4)	15.5	(4.2)	1.52	(0.2)	2.6	(1.4)
Belgium	453	(7.7)	511	(9.9)	534	(6.1)	563	(6.7)	37.9	(3.9)	2.68	(0.3)	14.8	(2.7)
Canada	497	(3.6)	509	(4.2)	523	(4.1)	543	(3.8)	22.4	(2.0)	1.43	(0.1)	4.6	(0.9)
Chile	389	(6.3)	404	(5.4)	441	(8.0)	458	(6.9)	21.4	(2.9)	1.85	(0.3)	10.8	(2.5)
Czech Republic	464	(10.3)	499	(9.1)	504	(8.8)	532	(6.6)	23.6	(4.0)	1.96	(0.3)	5.8	(1.9)
Denmark	480	(4.0)	496	(5.2)	512	(5.2)	514	(5.4)	15.1	(2.2)	1.54	(0.1)	2.7	(0.8)
Estonia	513	(3.9)	517	(4.6)	527	(4.5)	525	(5.0)	7.3	(2.3)	1.14	(0.1)	0.6	(0.4)
Finland	509	(3.8)	514	(4.7)	523	(4.3)	528	(3.8)	11.5	(2.7)	1.19	(0.1)	0.8	(0.4)
France	469	(8.2)	490	(8.3)	500	(8.8)	526	(8.7)	23.4	(4.2)	1.53	(0.2)	5.8	(2.1)
Germany	481	(9.9)	501	(7.6)	518	(7.2)	555	(8.0)	42.0	(5.9)	1.72	(0.3)	8.9	(2.6)
Greece	439	(6.1)	442	(6.2)	467	(6.1)	464	(6.0)	5.5	(3.5)	1.27	(0.2)	0.4	(0.5)
Hungary	410	(7.2)	498	(7.2)	503	(10.0)	501	(10.0)	33.3	(4.2)	3.24	(0.4)	13.6	(3.5)
Iceland	486	(3.5)	500	(3.4)	493	(3.3)	495	(3.2)	5.4	(1.8)	1.17	(0.1)	0.3	(0.2)
Ireland	476	(5.9)	500	(6.4)	516	(6.0)	519	(4.0)	19.8	(2.7)	1.80	(0.2)	4.6	(1.2)
Israel	454	(11.6)	457	(9.9)	471	(10.8)	482	(12.3)	12.3	(5.4)	1.21	(0.2)	1.5	(1.3)
Italy	449	(4.1)	481	(4.7)	498	(4.5)	524	(5.7)	31.0	(2.4)	1.92	(0.1)	9.8	(1.6)
Japan	497	(10.3)	530	(9.4)	552	(9.1)	567	(7.0)	27.5	(6.1)	2.15	(0.3)	7.6	(3.2)
Korea	514	(9.9)	544	(10.4)	570	(8.4)	588	(9.2)	25.5	(4.3)	2.02	(0.3)	8.5	(2.7)
Luxembourg	465	(1.9)	497	(2.5)	482	(2.2)	522	(2.2)	32.1	(1.4)	1.55	(0.1)	5.1	(0.4)
Mexico	400	(2.3)	416	(3.0)	418	(2.9)	419	(3.7)	8.5	(1.7)	1.29	(0.1)	1.2	(0.5)
Netherlands	473	(10.9)	530	(9.5)	527	(10.2)	549	(9.0)	35.5	(7.1)	2.30	(0.4)	7.1	(2.9)
New Zealand	459	(5.7)	495	(9.6)	531	(5.9)	521	(6.3)	29.1	(3.5)	2.06	(0.2)	7.1	(1.4)
Norway	478	(5.5)	487	(4.6)	492	(5.4)	503	(6.5)	18.1	(3.8)	1.17	(0.1)	2.2	(0.9)
Poland	513	(6.9)	507	(5.7)	527	(6.4)	523	(9.6)	6.9	(7.0)	1.04	(0.1)	0.4	(0.8)
Portugal	466	(9.4)	485	(7.2)	487	(6.9)	508	(8.2)	14.2	(3.8)	1.44	(0.2)	2.6	(1.3)
Slovak Republic	440	(9.5)	490	(9.4)	499	(11.2)	498	(7.7)	22.6	(5.2)	1.87	(0.2)	3.7	(1.7)
Slovenia	468	(2.7)	494	(4.7)	522	(4.4)	530	(2.9)	30.8	(1.7)	1.92	(0.1)	7.3	(0.8)
Spain	461	(4.2)	481	(4.8)	488	(4.0)	509	(3.6)	18.4	(2.0)	1.59	(0.1)	4.0	(0.9)
Sweden	464	(5.2)	475	(4.7)	482	(4.9)	493	(4.8)	14.4	(3.6)	1.32	(0.1)	1.6	(0.8)
Switzerland	515	(7.3)	531	(7.8)	533	(7.9)	549	(7.7)	14.1	(5.5)	1.32	(0.2)	1.3	(1.0)
Turkey	426	(4.9)	409	(6.6)	463	(10.2)	495	(15.9)	30.7	(6.4)	1.20	(0.1)	11.7	(4.5)
United Kingdom	477	(6.3)	484	(9.0)	498	(7.4)	521	(9.0)	20.2	(5.1)	1.37	(0.1)	3.7	(1.8)
United States	447	(5.7)	476	(11.4)	502	(5.7)	504	(9.3)	18.5	(4.9)	1.88	(0.2)	3.8	(1.8)
OECD average	467	(1.2)	490	(1.2)	504	(1.2)	517	(1.3)	21.2	(0.7)	1.66	(0.0)	5.1	(0.3)
<b>Partners</b>														
Albania	398	(3.8)	396	(4.9)	391	(6.0)	392	(5.0)	-2.4	(2.1)	0.97	(0.1)	0.1	(0.1)
Argentina	351	(7.8)	380	(7.0)	396	(8.0)	415	(7.4)	20.2	(3.1)	2.06	(0.3)	9.5	(2.7)
Brazil	381	(3.8)	376	(3.2)	384	(4.8)	424	(6.4)	15.0	(2.6)	1.09	(0.1)	5.1	(1.6)
Bulgaria	410	(8.4)	426	(10.6)	441	(10.7)	478	(8.6)	19.4	(3.7)	1.58	(0.2)	6.4	(2.5)
Colombia	361	(6.1)	378	(6.6)	367	(6.4)	397	(6.9)	13.3	(3.1)	1.39	(0.2)	3.5	(1.7)
Costa Rica	387	(4.4)	393	(6.2)	408	(7.4)	440	(7.3)	22.6	(3.5)	1.51	(0.2)	10.5	(3.0)
Croatia	451	(9.8)	455	(7.5)	472	(9.9)	507	(9.3)	20.8	(5.2)	1.45	(0.2)	5.1	(2.5)
Cyprus*	437	(2.7)	438	(3.0)	434	(3.4)	449	(2.1)	3.3	(1.2)	1.03	(0.1)	0.1	(0.1)
Hong Kong-China	542	(9.4)	548	(8.5)	563	(11.0)	591	(9.0)	23.6	(5.2)	1.45	(0.2)	4.7	(2.1)
Indonesia	370	(6.2)	360	(7.3)	376	(8.0)	392	(9.7)	15.9	(7.1)	1.03	(0.2)	2.5	(2.2)
Jordan	380	(7.4)	379	(6.4)	387	(6.2)	400	(10.3)	6.7	(3.3)	1.16	(0.2)	1.4	(1.3)
Kazakhstan	426	(5.5)	440	(7.7)	431	(8.2)	429	(6.5)	-0.5	(2.1)	1.12	(0.1)	0.0	(0.3)
Latvia	478	(5.1)	489	(6.9)	501	(5.1)	493	(7.3)	6.4	(3.4)	1.24	(0.1)	0.5	(0.5)
Liechtenstein	c	c	c	c	c	c	c	c	17.4	(6.7)	2.98	(0.7)	1.4	(1.0)
Lithuania	462	(5.9)	466	(5.4)	490	(6.1)	497	(6.2)	18.6	(4.4)	1.39	(0.1)	2.8	(1.2)
Macao-China	506	(2.1)	530	(2.2)	541	(1.8)	575	(2.2)	17.5	(0.7)	1.77	(0.1)	6.8	(0.5)
Malaysia	399	(5.5)	410	(5.4)	417	(8.6)	456	(7.7)	18.6	(3.1)	1.45	(0.1)	6.6	(2.0)
Montenegro	392	(2.6)	419	(2.7)	400	(2.2)	427	(2.5)	13.4	(1.9)	1.46	(0.1)	1.7	(0.5)
Peru	350	(4.9)	353	(7.1)	375	(9.2)	395	(8.8)	18.9	(4.1)	1.21	(0.2)	4.5	(1.8)
Qatar	358	(1.4)	397	(1.8)	357	(1.6)	394	(1.6)	8.7	(0.6)	1.25	(0.0)	1.0	(0.1)
Romania	416	(6.7)	449	(7.9)	450	(9.0)	463	(7.7)	17.3	(4.0)	1.65	(0.2)	3.9	(1.8)
Russian Federation	471	(6.6)	466	(7.1)	486	(5.0)	502	(7.0)	8.8	(2.3)	1.15	(0.1)	2.2	(1.2)
Serbia	422	(8.3)	443	(8.3)	452	(8.4)	476	(10.1)	22.8	(5.7)	1.53	(0.2)	4.2	(2.0)
Shanghai-China	589	(10.0)	604	(13.1)	604	(12.8)	656	(8.8)	11.7	(2.8)	1.45	(0.2)	4.5	(2.1)
Singapore	544	(2.6)	567	(3.1)	555	(3.1)	633	(2.4)	38.4	(1.2)	1.40	(0.1)	12.4	(0.7)
Chinese Taipei	527	(6.8)	540	(11.0)	580	(10.4)	591	(11.1)	18.6	(3.5)	1.49	(0.2)	4.7	(1.8)
Thailand	397	(4.7)	435	(9.9)	434	(7.9)	442	(9.2)	19.7	(4.6)	1.65	(0.2)	4.0	(1.7)
Tunisia	401	(7.2)	378	(7.4)	376	(8.0)	385	(10.0)	-5.9	(5.2)	0.63	(0.1)	0.5	(1.1)
United Arab Emirates	414	(5.8)	425	(4.7)	431	(6.4)	467	(5.9)	14.8	(2.0)	1.36	(0.1)	4.7	(1.2)
Uruguay	376	(5.3)	393	(5.5)	416	(7.9)	453	(7.9)	25.1	(2.9)	1.81	(0.2)	12.8	(2.9)
Viet Nam	487	(9.9)	513	(9.0)	523	(7.7)	523	(11.5)	21.3	(8.2)	1.62	(0.3)	3.0	(2.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/1]  
**Principals' views on student truancy**  
*Results based on school principals' reports*

Table IV.5.9

	Percentage of students in schools whose principals reported that the following hinders learning:															
	Students skipping classes					Students arriving late for school										
	Not at all		Very little		To some extent		A lot		Not at all		A lot					
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.				
<b>OECD</b>																
Australia	21.0	(1.6)	54.4	(2.1)	22.2	(1.6)	2.4	(0.6)	8.7	(1.1)	56.9	(1.5)	31.2	(1.4)	3.3	(0.7)
Austria	13.7	(2.6)	45.6	(3.6)	29.5	(3.6)	11.3	(2.6)	8.9	(2.4)	51.1	(3.9)	30.1	(3.6)	9.8	(2.2)
Belgium	24.3	(2.8)	55.6	(3.2)	17.6	(2.3)	2.5	(0.8)	12.8	(2.3)	55.7	(2.8)	25.9	(2.5)	5.7	(1.2)
Canada	6.8	(0.7)	36.4	(2.5)	48.8	(2.7)	8.0	(1.3)	4.5	(0.4)	42.1	(2.2)	47.7	(2.3)	5.7	(1.3)
Chile	39.0	(3.0)	40.3	(3.4)	11.9	(2.4)	8.8	(2.0)	7.6	(2.0)	41.4	(4.0)	35.6	(3.6)	15.4	(2.7)
Czech Republic	12.1	(2.2)	48.1	(4.3)	34.1	(3.7)	5.7	(1.5)	36.8	(3.6)	53.1	(3.6)	10.0	(2.4)	0.1	(0.1)
Denmark	23.8	(3.3)	54.8	(3.6)	19.8	(2.9)	1.6	(0.8)	17.2	(2.7)	56.6	(3.6)	24.5	(3.1)	1.7	(0.8)
Estonia	8.7	(1.7)	54.0	(2.8)	34.5	(2.8)	2.8	(1.1)	17.2	(2.3)	52.7	(2.8)	29.1	(2.6)	1.0	(0.6)
Finland	6.9	(1.9)	58.1	(3.1)	33.0	(2.8)	2.0	(0.8)	2.1	(0.9)	46.9	(3.5)	49.2	(3.3)	1.9	(0.7)
France	23.6	(2.4)	48.1	(3.5)	26.2	(2.9)	2.1	(1.1)	12.0	(2.1)	61.3	(3.3)	24.4	(2.7)	2.3	(1.2)
Germany	18.2	(2.4)	65.3	(3.1)	16.0	(2.5)	0.5	(0.5)	4.2	(1.5)	64.9	(3.4)	30.5	(3.4)	0.4	(0.4)
Greece	19.5	(2.6)	58.3	(3.4)	16.8	(2.7)	5.3	(1.8)	12.5	(2.0)	60.4	(3.8)	21.2	(3.1)	5.8	(2.1)
Hungary	18.4	(2.6)	60.0	(3.7)	16.4	(2.9)	5.1	(1.7)	8.8	(1.7)	58.4	(3.1)	26.3	(3.1)	6.5	(1.7)
Iceland	24.8	(0.2)	66.8	(0.3)	7.9	(0.2)	0.6	(0.0)	20.3	(0.2)	63.2	(0.3)	15.9	(0.2)	0.6	(0.0)
Ireland	19.5	(3.0)	65.9	(3.8)	13.3	(2.7)	1.4	(1.1)	9.6	(2.1)	65.6	(3.9)	22.8	(3.2)	2.0	(1.1)
Israel	10.6	(2.6)	47.3	(3.3)	31.8	(3.4)	10.4	(2.4)	11.2	(2.6)	51.4	(3.7)	30.1	(3.5)	7.3	(2.1)
Italy	8.2	(1.2)	55.2	(2.3)	32.0	(2.1)	4.5	(0.9)	10.1	(1.2)	51.3	(1.8)	34.1	(1.9)	4.5	(1.0)
Japan	37.5	(3.6)	52.5	(3.7)	9.0	(1.8)	0.9	(0.7)	4.6	(1.6)	58.1	(3.3)	33.6	(3.2)	3.7	(1.4)
Korea	41.2	(3.8)	44.1	(4.1)	10.6	(2.5)	4.1	(1.6)	17.0	(3.3)	57.4	(4.1)	21.8	(3.2)	3.8	(1.6)
Luxembourg	9.8	(0.1)	78.5	(0.1)	11.6	(0.1)	0.0	c	3.1	(0.0)	69.4	(0.1)	25.1	(0.1)	2.4	(0.0)
Mexico	13.0	(1.1)	54.3	(1.8)	26.7	(2.0)	6.0	(1.0)	7.3	(1.0)	59.7	(2.0)	26.2	(1.7)	6.8	(0.9)
Netherlands	2.8	(1.2)	67.9	(3.5)	27.3	(3.4)	2.1	(1.2)	3.6	(1.4)	57.3	(4.1)	35.2	(3.7)	3.9	(1.6)
New Zealand	11.1	(1.8)	56.0	(3.7)	28.4	(3.4)	4.5	(1.9)	7.7	(1.9)	61.2	(4.2)	28.0	(3.9)	3.1	(1.6)
Norway	10.5	(2.4)	59.7	(3.4)	27.6	(3.3)	2.2	(1.0)	6.8	(1.9)	68.1	(3.4)	24.6	(3.0)	0.5	(0.5)
Poland	5.1	(1.5)	54.8	(4.2)	38.9	(4.0)	1.3	(0.8)	11.0	(2.3)	62.5	(3.9)	24.4	(3.4)	2.0	(1.1)
Portugal	9.8	(2.5)	48.9	(3.8)	35.3	(3.9)	6.0	(2.7)	19.5	(3.5)	51.7	(4.4)	24.1	(3.7)	4.7	(1.7)
Slovak Republic	2.1	(1.1)	26.1	(2.9)	57.8	(3.4)	14.0	(2.4)	24.7	(3.2)	44.4	(3.4)	27.8	(3.5)	3.1	(1.5)
Slovenia	1.6	(0.1)	32.3	(0.6)	55.7	(0.6)	10.4	(0.3)	5.8	(0.2)	58.8	(0.6)	31.9	(0.6)	3.5	(0.1)
Spain	21.7	(2.3)	52.9	(3.1)	23.3	(2.5)	2.1	(0.7)	24.4	(2.1)	59.6	(2.8)	15.5	(2.0)	0.5	(0.3)
Sweden	3.9	(1.2)	56.0	(3.7)	38.7	(3.6)	1.4	(0.8)	5.6	(1.5)	63.9	(3.5)	29.2	(3.1)	1.3	(1.0)
Switzerland	18.2	(2.3)	64.3	(2.8)	16.7	(2.8)	0.8	(0.4)	10.9	(2.2)	69.3	(3.3)	19.3	(2.9)	0.5	(0.3)
Turkey	7.1	(2.0)	38.8	(3.5)	35.8	(3.8)	18.3	(2.7)	5.6	(2.1)	51.4	(4.6)	32.5	(4.2)	10.5	(2.5)
United Kingdom	32.3	(3.0)	62.2	(3.3)	5.3	(1.5)	0.2	(0.1)	14.5	(2.2)	70.2	(2.9)	14.9	(2.2)	0.3	(0.1)
United States	11.6	(2.5)	57.4	(3.9)	28.0	(3.4)	2.9	(1.4)	5.0	(1.7)	60.9	(4.6)	30.0	(4.0)	4.1	(1.6)
OECD average	15.8	(0.4)	53.6	(0.6)	26.1	(0.5)	4.5	(0.2)	11.2	(0.4)	57.6	(0.6)	27.4	(0.5)	3.8	(0.2)
<b>Partners</b>																
Albania	37.0	(3.3)	53.4	(3.6)	8.3	(1.7)	1.3	(0.9)	32.3	(4.2)	58.7	(4.5)	9.0	(1.8)	0.0	c
Argentina	25.9	(4.2)	38.9	(4.4)	28.8	(3.8)	6.3	(2.1)	26.2	(4.1)	37.5	(4.0)	25.9	(3.8)	10.5	(2.3)
Brazil	16.5	(1.6)	35.6	(2.3)	29.8	(2.4)	18.0	(2.3)	9.9	(1.6)	47.6	(2.9)	33.2	(2.3)	9.4	(1.7)
Bulgaria	14.4	(2.7)	43.5	(4.1)	31.7	(3.6)	10.3	(2.3)	16.4	(2.9)	56.1	(4.2)	23.0	(3.2)	4.4	(1.5)
Colombia	14.7	(2.1)	42.2	(4.0)	29.6	(3.8)	13.4	(2.5)	5.4	(1.4)	39.2	(4.1)	42.0	(4.1)	13.4	(2.4)
Costa Rica	7.3	(1.6)	28.0	(3.5)	34.4	(3.5)	30.3	(3.6)	6.2	(1.7)	33.8	(3.6)	38.6	(4.0)	21.5	(3.3)
Croatia	2.2	(1.1)	22.7	(3.3)	50.1	(4.2)	25.1	(3.4)	9.8	(2.4)	50.0	(3.9)	35.1	(3.5)	5.1	(1.8)
Cyprus*	14.8	(0.1)	54.6	(0.1)	28.0	(0.1)	2.6	(0.1)	9.8	(0.1)	61.5	(0.1)	23.5	(0.1)	5.2	(0.0)
Hong Kong-China	51.2	(3.6)	43.0	(3.6)	4.9	(1.8)	0.9	(0.7)	10.0	(2.4)	65.6	(4.1)	23.8	(3.5)	0.6	(0.6)
Indonesia	37.1	(3.5)	59.9	(3.4)	3.0	(1.5)	0.0	c	15.7	(3.1)	77.8	(3.6)	6.5	(2.1)	0.0	c
Jordan	33.4	(3.5)	29.7	(3.2)	24.3	(2.8)	12.6	(2.7)	24.6	(3.5)	37.0	(3.6)	25.4	(3.4)	13.0	(3.0)
Kazakhstan	9.1	(1.8)	29.4	(4.0)	39.2	(4.0)	22.3	(3.3)	16.1	(2.4)	34.0	(4.2)	40.1	(3.8)	9.8	(2.6)
Latvia	10.0	(2.3)	48.8	(3.6)	34.1	(3.5)	7.1	(1.9)	8.9	(1.8)	49.9	(4.0)	37.0	(3.7)	4.2	(1.3)
Liechtenstein	35.7	(0.9)	57.2	(0.9)	7.1	(0.8)	0.0	c	0.0	c	92.9	(0.8)	7.1	(0.8)	0.0	c
Lithuania	18.2	(2.7)	70.8	(3.5)	10.5	(2.2)	0.5	(0.5)	15.0	(2.2)	73.9	(2.7)	10.8	(2.0)	0.4	(0.4)
Macao-China	46.2	(0.1)	46.8	(0.1)	2.3	(0.0)	4.6	(0.0)	19.0	(0.0)	63.9	(0.1)	14.6	(0.1)	2.6	(0.0)
Malaysia	18.3	(2.9)	49.6	(3.7)	23.6	(3.1)	8.6	(2.1)	19.0	(3.1)	55.6	(3.6)	20.0	(2.7)	5.4	(1.8)
Montenegro	1.2	(0.1)	54.9	(0.2)	39.7	(0.2)	4.3	(0.1)	7.2	(0.1)	70.5	(0.2)	22.3	(0.1)	0.0	c
Peru	27.3	(3.0)	49.5	(3.4)	18.2	(2.3)	4.9	(1.8)	12.8	(2.2)	52.7	(3.2)	25.6	(3.2)	8.9	(2.0)
Qatar	25.0	(0.1)	50.3	(0.1)	19.1	(0.1)	5.6	(0.0)	21.9	(0.1)	49.6	(0.1)	26.0	(0.1)	2.5	(0.0)
Romania	32.9	(3.2)	42.4	(4.0)	23.5	(3.2)	1.3	(0.9)	27.8	(3.7)	58.1	(3.5)	13.4	(2.4)	0.7	(0.7)
Russian Federation	4.7	(1.7)	25.0	(2.6)	46.5	(2.8)	23.8	(2.7)	18.1	(3.0)	37.6	(2.8)	36.2	(3.2)	8.0	(1.8)
Serbia	2.5	(1.2)	30.1	(4.0)	55.3	(4.4)	12.1	(2.5)	5.7	(2.0)	42.0	(4.4)	43.1	(4.3)	9.2	(2.2)
Shanghai-China	43.8	(3.5)	22.6	(3.3)	12.2	(2.6)	21.3	(3.2)	38.0	(4.0)	35.2	(4.1)	24.4	(3.1)	2.4	(1.0)
Singapore	26.8	(0.7)	68.5	(0.6)	4.1	(0.1)	0.6	(0.0)	16.3	(0.6)	71.8	(0.6)	11.4	(0.1)	0.6	(0.0)
Chinese Taipei	52.1	(4.4)	36.7	(4.2)	8.5	(2.3)	2.7	(1.3)	25.0	(3.6)	54.4	(4.4)	20.6	(3.1)	0.0	c
Thailand	9.1	(1.7)	61.2	(4.0)	29.6	(3.6)	0.1	(0.1)	4.0	(1.4)	56.8	(3.9)	37.7	(3.7)	1.4	(0.7)
Tunisia	8.6	(2.4)	38.8	(4.1)	38.6	(4.0)	14.1	(3.2)	1.4	(0.9)	34.6	(3.8)	42.5	(4.5)	21.6	(3.5)
United Arab Emirates	39.6	(2.3)	42.1	(2.8)	11.1	(1.6)	7.2	(1.0)	14.5	(1.5)	59.5	(2.2)	21.2	(1.8)	4.7	(0.7)
Uruguay	28.7	(3.0)	35.6	(3.6)	27.4	(3.3)	8.3	(2.2)	10.6	(2.0)	38.8	(3.5)	35.7	(3.5)	15.0	(2.6)
Viet Nam	10.5	(2.6)	66.2	(3.7)	22.8	(3.5)	0.5	(0.5)	3.4	(1.5)	67.7	(4.0)	27.4	(3.9)	1.6	(0.9)

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Index of teacher morale and mathematics performance**  
 Results based on school principals' reports

Table IV.5.10

	Index of teacher morale										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
Australia	0.14	(0.03)	-0.96	(0.04)	-0.22	(0.05)	0.48	(0.05)	1.28	(0.03)	0.90	(0.02)
Austria	0.54	(0.07)	-0.54	(0.11)	0.26	(0.07)	1.01	(0.16)	1.45	(0.00)	0.81	(0.03)
Belgium	-0.27	(0.06)	-1.27	(0.09)	-0.74	(0.02)	0.01	(0.11)	0.93	(0.10)	0.90	(0.03)
Canada	0.18	(0.04)	-1.02	(0.05)	-0.21	(0.09)	0.59	(0.04)	1.36	(0.05)	0.95	(0.02)
Chile	-0.31	(0.08)	-1.49	(0.15)	-0.74	(0.11)	0.13	(0.12)	0.88	(0.09)	0.98	(0.06)
Czech Republic	-0.10	(0.05)	-1.01	(0.06)	-0.44	(0.12)	0.21	(0.05)	0.84	(0.07)	0.78	(0.03)
Denmark	0.40	(0.06)	-0.86	(0.04)	0.07	(0.14)	0.94	(0.11)	1.45	(0.00)	0.92	(0.03)
Estonia	0.05	(0.05)	-0.96	(0.06)	-0.37	(0.08)	0.32	(0.05)	1.20	(0.07)	0.87	(0.03)
Finland	0.33	(0.06)	-0.83	(0.12)	0.21	(0.06)	0.62	(0.05)	1.31	(0.06)	0.83	(0.04)
France	-0.39	(0.07)	-1.66	(0.14)	-0.74	(0.02)	0.02	(0.12)	0.82	(0.08)	0.98	(0.04)
Germany	0.01	(0.06)	-1.06	(0.09)	-0.47	(0.12)	0.39	(0.09)	1.18	(0.06)	0.92	(0.04)
Greece	-0.41	(0.09)	-1.87	(0.11)	-0.76	(0.09)	0.06	(0.17)	0.95	(0.09)	1.09	(0.05)
Hungary	-0.02	(0.07)	-1.15	(0.08)	-0.35	(0.12)	0.38	(0.07)	1.07	(0.08)	0.90	(0.03)
Iceland	0.53	(0.00)	-0.72	(0.01)	0.27	(0.00)	1.10	(0.01)	1.45	(0.00)	0.91	(0.00)
Ireland	0.49	(0.08)	-0.90	(0.08)	0.25	(0.17)	1.18	(0.12)	1.45	(0.00)	0.96	(0.05)
Israel	0.17	(0.07)	-1.17	(0.12)	0.11	(0.16)	0.56	(0.06)	1.19	(0.07)	0.95	(0.06)
Italy	-0.60	(0.03)	-1.80	(0.03)	-0.81	(0.05)	-0.34	(0.07)	0.56	(0.05)	0.92	(0.02)
Japan	-0.49	(0.07)	-1.60	(0.10)	-0.74	(0.03)	-0.49	(0.15)	0.88	(0.09)	0.94	(0.04)
Korea	-0.32	(0.09)	-1.59	(0.12)	-0.74	(0.00)	-0.05	(0.19)	1.12	(0.12)	1.06	(0.04)
Luxembourg	0.00	(0.00)	-0.85	(0.00)	-0.41	(0.00)	0.35	(0.00)	0.92	(0.00)	0.76	(0.00)
Mexico	-0.05	(0.04)	-1.20	(0.05)	-0.59	(0.07)	0.33	(0.05)	1.27	(0.03)	1.01	(0.02)
Netherlands	-0.19	(0.07)	-1.01	(0.07)	-0.74	(0.00)	-0.01	(0.18)	0.99	(0.11)	0.85	(0.04)
New Zealand	0.36	(0.06)	-0.88	(0.05)	0.04	(0.14)	0.81	(0.12)	1.45	(0.00)	0.91	(0.04)
Norway	0.26	(0.06)	-0.91	(0.06)	-0.10	(0.14)	0.61	(0.09)	1.43	(0.06)	0.91	(0.03)
Poland	-0.14	(0.08)	-1.15	(0.12)	-0.57	(0.13)	0.16	(0.06)	0.99	(0.10)	0.90	(0.06)
Portugal	-0.17	(0.08)	-1.42	(0.13)	-0.51	(0.13)	0.24	(0.06)	1.01	(0.10)	0.98	(0.05)
Slovak Republic	-0.27	(0.06)	-1.28	(0.12)	-0.68	(0.10)	0.14	(0.07)	0.75	(0.06)	0.84	(0.04)
Slovenia	-0.18	(0.01)	-1.22	(0.02)	-0.63	(0.03)	0.24	(0.01)	0.90	(0.01)	0.89	(0.01)
Spain	-0.43	(0.05)	-1.70	(0.08)	-0.74	(0.06)	-0.12	(0.06)	0.86	(0.09)	0.98	(0.03)
Sweden	0.39	(0.07)	-0.81	(0.14)	0.20	(0.06)	0.74	(0.09)	1.45	(0.05)	0.87	(0.04)
Switzerland	0.31	(0.06)	-0.95	(0.10)	0.17	(0.09)	0.68	(0.05)	1.35	(0.07)	0.89	(0.04)
Turkey	-0.23	(0.08)	-1.50	(0.15)	-0.74	(0.03)	0.20	(0.17)	1.12	(0.10)	1.06	(0.05)
United Kingdom	0.45	(0.06)	-0.87	(0.13)	0.30	(0.06)	0.93	(0.11)	1.45	(0.00)	0.92	(0.04)
United States	-0.03	(0.08)	-1.18	(0.10)	-0.53	(0.12)	0.38	(0.06)	1.20	(0.13)	0.99	(0.05)
OECD average	0.00	(0.01)	-1.16	(0.02)	-0.34	(0.02)	0.38	(0.02)	1.13	(0.01)	0.92	(0.01)
<b>Partners</b>												
Albania	0.35	(0.07)	-0.70	(0.13)	0.16	(0.07)	0.60	(0.06)	1.34	(0.07)	0.78	(0.04)
Argentina	-0.07	(0.07)	-1.11	(0.10)	-0.47	(0.13)	0.29	(0.06)	1.01	(0.09)	0.89	(0.04)
Brazil	-0.50	(0.05)	-1.91	(0.07)	-0.75	(0.05)	-0.25	(0.08)	0.90	(0.09)	1.07	(0.04)
Bulgaria	0.21	(0.07)	-0.98	(0.07)	-0.03	(0.17)	0.53	(0.06)	1.30	(0.07)	0.88	(0.04)
Colombia	0.11	(0.07)	-1.03	(0.08)	-0.29	(0.14)	0.45	(0.08)	1.32	(0.07)	0.94	(0.04)
Costa Rica	-0.02	(0.07)	-1.23	(0.10)	-0.53	(0.11)	0.43	(0.10)	1.25	(0.07)	1.02	(0.04)
Croatia	-0.29	(0.07)	-1.31	(0.10)	-0.74	(0.02)	-0.04	(0.13)	0.94	(0.11)	0.92	(0.05)
Cyprus*	-0.07	(0.00)	-1.18	(0.00)	-0.63	(0.00)	0.25	(0.00)	1.28	(0.00)	0.99	(0.00)
Hong Kong-China	-0.42	(0.07)	-1.43	(0.12)	-0.74	(0.00)	-0.29	(0.13)	0.79	(0.13)	0.89	(0.05)
Indonesia	0.59	(0.07)	-0.77	(0.11)	0.39	(0.11)	1.27	(0.09)	1.45	(0.00)	0.91	(0.04)
Jordan	-0.21	(0.08)	-1.51	(0.11)	-0.73	(0.09)	0.25	(0.14)	1.14	(0.11)	1.08	(0.05)
Kazakhstan	0.51	(0.07)	-0.65	(0.16)	0.33	(0.07)	0.92	(0.15)	1.45	(0.00)	0.89	(0.08)
Latvia	0.09	(0.06)	-0.78	(0.03)	-0.30	(0.11)	0.28	(0.08)	1.16	(0.08)	0.78	(0.03)
Liechtenstein	0.08	(0.01)	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	<b>c</b>	0.70	(0.01)
Lithuania	0.34	(0.06)	-0.76	(0.15)	0.26	(0.06)	0.66	(0.05)	1.22	(0.06)	0.83	(0.06)
Macao-China	-0.50	(0.00)	-1.35	(0.00)	-0.74	(0.00)	-0.49	(0.00)	0.56	(0.00)	0.83	(0.00)
Malaysia	0.46	(0.08)	-0.86	(0.15)	0.16	(0.08)	1.11	(0.16)	1.45	(0.00)	0.95	(0.05)
Montenegro	0.10	(0.00)	-0.96	(0.00)	-0.49	(0.01)	0.52	(0.00)	1.34	(0.00)	0.94	(0.00)
Peru	-0.17	(0.07)	-1.28	(0.11)	-0.73	(0.08)	0.19	(0.11)	1.15	(0.10)	0.99	(0.04)
Qatar	0.77	(0.00)	-0.54	(0.00)	0.73	(0.00)	1.45	(0.00)	1.45	(0.00)	0.87	(0.00)
Romania	-0.04	(0.07)	-1.16	(0.10)	-0.27	(0.13)	0.31	(0.06)	0.94	(0.10)	0.87	(0.05)
Russian Federation	-0.04	(0.05)	-1.07	(0.07)	-0.40	(0.10)	0.25	(0.05)	1.05	(0.08)	0.87	(0.03)
Serbia	-0.37	(0.08)	-1.47	(0.14)	-0.74	(0.05)	0.01	(0.15)	0.70	(0.09)	0.87	(0.05)
Shanghai-China	-0.01	(0.07)	-1.07	(0.09)	-0.53	(0.13)	0.33	(0.10)	1.24	(0.06)	0.95	(0.04)
Singapore	0.13	(0.01)	-1.00	(0.00)	-0.26	(0.02)	0.38	(0.02)	1.40	(0.01)	0.95	(0.00)
Chinese Taipei	-0.14	(0.08)	-1.06	(0.09)	-0.74	(0.00)	0.01	(0.19)	1.25	(0.12)	0.97	(0.05)
Thailand	0.06	(0.08)	-1.24	(0.12)	-0.25	(0.11)	0.47	(0.11)	1.28	(0.07)	1.01	(0.05)
Tunisia	-0.66	(0.09)	-2.09	(0.13)	-1.02	(0.11)	-0.41	(0.12)	0.90	(0.14)	1.16	(0.05)
United Arab Emirates	0.39	(0.05)	-0.96	(0.03)	0.04	(0.11)	1.02	(0.09)	1.45	(0.00)	0.99	(0.02)
Uruguay	-0.28	(0.07)	-1.49	(0.13)	-0.64	(0.11)	0.13	(0.05)	0.90	(0.09)	0.96	(0.05)
Viet Nam	-0.30	(0.06)	-1.15	(0.10)	-0.74	(0.00)	-0.16	(0.11)	0.84	(0.11)	0.85	(0.05)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 2/2]  
**Index of teacher morale and mathematics performance**

Table IV.5.10 *Results based on school principals' reports*

	Performance on the mathematics scale by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>	<b>490</b>	(3.1)	496	(2.7)	511	(3.8)	<b>520</b>	(3.9)	<b>14.3</b>	(1.7)	<b>1.30</b>	(0.1)	1.8	(0.4)
Australia	497	(8.3)	518	(9.2)	499	(9.5)	509	(7.7)	3.3	(6.5)	1.10	(0.2)	0.1	(0.4)
Austria	<b>485</b>	(6.9)	515	(6.8)	528	(7.8)	<b>536</b>	(9.1)	<b>23.9</b>	(5.7)	<b>1.66</b>	(0.2)	4.5	(2.2)
Belgium	<b>508</b>	(4.0)	514	(3.6)	520	(3.7)	<b>531</b>	(4.5)	<b>9.0</b>	(2.1)	<b>1.19</b>	(0.1)	0.9	(0.4)
Canada	<b>395</b>	(6.0)	412	(6.2)	435	(7.1)	<b>448</b>	(7.1)	<b>20.5</b>	(3.8)	<b>1.66</b>	(0.2)	6.2	(2.0)
Chile	498	(7.4)	495	(7.9)	501	(7.5)	506	(8.0)	4.9	(5.4)	1.00	(0.1)	0.2	(0.4)
Czech Republic	<b>493</b>	(3.9)	497	(6.4)	500	(7.1)	<b>512</b>	(5.4)	<b>7.4</b>	(2.5)	<b>1.15</b>	(0.1)	0.7	(0.5)
Denmark	<b>512</b>	(3.7)	512	(4.5)	526	(4.5)	<b>531</b>	(4.4)	<b>10.1</b>	(2.3)	1.18	(0.1)	1.2	(0.5)
Estonia	518	(3.7)	515	(4.7)	520	(4.0)	522	(4.4)	2.4	(2.2)	1.00	(0.1)	0.1	(0.1)
Finland	<b>478</b>	(9.3)	477	(8.5)	500	(10.6)	<b>532</b>	(8.2)	<b>19.6</b>	(4.8)	1.31	(0.2)	3.9	(1.8)
France	<b>489</b>	(7.5)	516	(9.5)	526	(8.6)	<b>522</b>	(9.2)	<b>14.9</b>	(4.8)	<b>1.41</b>	(0.2)	2.0	(1.4)
Germany	<b>439</b>	(6.5)	451	(7.2)	461	(7.4)	<b>461</b>	(7.7)	<b>8.5</b>	(3.6)	<b>1.35</b>	(0.2)	1.1	(1.0)
Greece	<b>453</b>	(10.8)	474	(7.1)	485	(8.9)	<b>500</b>	(10.3)	<b>19.5</b>	(7.2)	<b>1.74</b>	(0.3)	3.6	(2.7)
Hungary	<b>487</b>	(4.0)	496	(3.6)	491	(5.1)	<b>499</b>	(3.6)	<b>5.7</b>	(1.8)	1.17	(0.1)	0.3	(0.2)
Iceland	493	(7.1)	503	(5.7)	506	(5.5)	509	(5.5)	6.1	(3.6)	1.28	(0.2)	0.5	(0.6)
Ireland	<b>443</b>	(10.9)	466	(7.5)	479	(9.8)	<b>476</b>	(11.9)	<b>16.5</b>	(7.1)	1.41	(0.3)	2.2	(2.1)
Israel	<b>474</b>	(4.9)	486	(4.2)	492	(4.2)	<b>497</b>	(4.9)	<b>9.4</b>	(3.2)	<b>1.25</b>	(0.1)	0.9	(0.6)
Italy	<b>496</b>	(8.2)	544	(7.0)	542	(8.3)	<b>564</b>	(10.7)	<b>26.8</b>	(4.4)	<b>1.82</b>	(0.2)	7.3	(2.4)
Japan	<b>519</b>	(11.7)	549	(8.2)	563	(8.2)	<b>583</b>	(9.1)	<b>23.7</b>	(5.0)	<b>1.93</b>	(0.3)	6.4	(2.8)
Korea	<b>469</b>	(2.8)	488	(2.4)	503	(2.7)	<b>500</b>	(2.4)	<b>21.0</b>	(1.4)	<b>1.38</b>	(0.1)	2.8	(0.4)
Luxembourg	<b>408</b>	(2.5)	413	(2.5)	410	(3.3)	<b>422</b>	(3.7)	<b>4.9</b>	(1.9)	1.10	(0.1)	0.4	(0.3)
Mexico	524	(7.3)	512	(8.9)	516	(10.4)	527	(10.0)	3.2	(7.0)	0.90	(0.1)	0.1	(0.5)
Netherlands	<b>487</b>	(5.1)	491	(7.1)	512	(7.3)	<b>517</b>	(7.6)	<b>15.6</b>	(3.7)	1.20	(0.1)	2.0	(1.0)
New Zealand	<b>478</b>	(5.8)	485	(6.2)	495	(4.9)	<b>503</b>	(5.8)	<b>11.4</b>	(3.8)	<b>1.24</b>	(0.1)	1.3	(0.9)
Norway	<b>506</b>	(5.4)	515	(6.0)	521	(8.9)	<b>528</b>	(6.1)	<b>10.9</b>	(3.0)	1.20	(0.1)	1.2	(0.7)
Poland	<b>471</b>	(8.5)	483	(7.0)	487	(8.2)	<b>505</b>	(7.5)	<b>13.3</b>	(4.2)	1.29	(0.2)	1.9	(1.2)
Portugal	480	(8.2)	486	(8.4)	479	(8.6)	481	(10.5)	-0.2	(6.6)	0.99	(0.1)	0.0	(0.3)
Slovak Republic	<b>500</b>	(3.9)	495	(4.1)	506	(3.9)	<b>513</b>	(4.9)	<b>5.7</b>	(1.8)	0.99	(0.1)	0.3	(0.2)
Slovenia	<b>467</b>	(4.5)	478	(4.4)	492	(4.1)	<b>500</b>	(4.9)	<b>12.1</b>	(2.6)	<b>1.39</b>	(0.1)	1.8	(0.8)
Spain	<b>465</b>	(5.1)	477	(4.8)	484	(5.3)	<b>487</b>	(5.1)	<b>9.4</b>	(3.2)	<b>1.31</b>	(0.1)	0.8	(0.5)
Sweden	537	(6.2)	529	(5.6)	526	(5.7)	537	(8.0)	-1.4	(4.1)	0.85	(0.1)	0.0	(0.2)
Switzerland	<b>427</b>	(8.1)	429	(6.4)	456	(10.1)	<b>481</b>	(13.5)	<b>20.5</b>	(4.9)	1.31	(0.2)	5.7	(2.7)
Turkey	<b>470</b>	(10.0)	497	(7.4)	506	(6.6)	<b>504</b>	(6.7)	<b>16.7</b>	(4.4)	<b>1.57</b>	(0.2)	2.6	(1.4)
United Kingdom	<b>465</b>	(6.9)	472	(6.5)	492	(5.7)	<b>500</b>	(9.4)	<b>14.4</b>	(4.9)	<b>1.49</b>	(0.2)	2.5	(1.6)
United States	<b>480</b>	(1.2)	491	(1.1)	499	(1.2)	<b>508</b>	(1.3)	<b>11.9</b>	(0.7)	<b>1.30</b>	(0.0)	2.0	(0.2)
OECD average														
<b>Partners</b>	394	(5.1)	396	(5.3)	393	(4.0)	394	(4.5)	-0.9	(2.8)	1.00	(0.1)	0.0	(0.1)
Albania	<b>381</b>	(6.4)	384	(6.3)	387	(7.5)	<b>406</b>	(5.9)	10.3	(5.3)	1.29	(0.2)	1.5	(1.4)
Argentina	<b>382</b>	(2.8)	382	(4.1)	389	(5.2)	<b>413</b>	(5.4)	<b>12.8</b>	(1.8)	1.04	(0.1)	3.1	(0.9)
Brazil	<b>413</b>	(8.3)	434	(8.6)	452	(10.1)	<b>456</b>	(10.2)	<b>20.0</b>	(5.5)	<b>1.47</b>	(0.2)	3.5	(2.0)
Bulgaria	<b>369</b>	(4.5)	367	(6.0)	375	(6.2)	<b>395</b>	(5.7)	<b>10.3</b>	(2.7)	1.17	(0.1)	1.7	(0.9)
Colombia	<b>395</b>	(5.6)	401	(5.6)	409	(8.0)	<b>423</b>	(7.3)	<b>10.9</b>	(3.4)	1.31	(0.2)	2.6	(1.8)
Costa Rica	<b>456</b>	(5.9)	478	(6.9)	467	(7.1)	<b>483</b>	(11.9)	<b>10.5</b>	(5.3)	<b>1.38</b>	(0.1)	1.2	(1.2)
Croatia	<b>424</b>	(2.5)	432	(4.1)	450	(2.9)	<b>451</b>	(2.3)	<b>12.1</b>	(1.1)	<b>1.26</b>	(0.1)	1.6	(0.3)
Cyprus*	<b>535</b>	(7.5)	564	(7.9)	563	(8.7)	<b>583</b>	(9.8)	<b>21.2</b>	(5.0)	<b>1.58</b>	(0.2)	3.9	(1.9)
Hong Kong-China	<b>361</b>	(8.8)	368	(8.4)	384	(7.6)	<b>387</b>	(6.0)	<b>11.9</b>	(4.5)	1.32	(0.2)	2.3	(1.7)
Indonesia	<b>373</b>	(6.7)	379	(6.5)	389	(6.9)	<b>402</b>	(8.9)	<b>11.3</b>	(3.9)	<b>1.32</b>	(0.1)	2.4	(1.6)
Jordan	431	(5.4)	432	(6.7)	436	(6.2)	428	(5.9)	-1.0	(3.4)	0.96	(0.1)	0.0	(0.2)
Kazakhstan	490	(5.5)	487	(5.0)	485	(6.4)	493	(6.9)	0.6	(4.4)	0.94	(0.1)	0.0	(0.1)
Latvia	c	c	c	c	c	c	c	c	-0.3	(5.4)	1.40	(0.3)	0.0	(0.2)
Liechtenstein	<b>454</b>	(5.8)	476	(6.4)	491	(5.1)	<b>494</b>	(5.3)	<b>18.1</b>	(3.7)	<b>1.62</b>	(0.2)	2.8	(1.0)
Lithuania	<b>520</b>	(2.9)	535	(2.6)	538	(3.5)	<b>559</b>	(2.8)	<b>21.6</b>	(1.2)	<b>1.37</b>	(0.1)	3.6	(0.4)
Macao-China	422	(7.1)	421	(5.8)	416	(6.7)	423	(6.5)	1.5	(3.8)	0.98	(0.1)	0.0	(0.2)
Malaysia	<b>401</b>	(2.7)	389	(2.3)	404	(2.2)	<b>445</b>	(2.4)	<b>17.0</b>	(1.2)	1.16	(0.1)	3.7	(0.5)
Montenegro	<b>350</b>	(5.2)	355	(5.5)	373	(9.1)	<b>394</b>	(9.0)	<b>17.7</b>	(4.3)	1.23	(0.1)	4.3	(2.0)
Peru	<b>369</b>	(1.4)	374	(1.8)	381	(2.6)	<b>382</b>	(2.4)	<b>6.1</b>	(0.8)	1.04	(0.1)	0.3	(0.1)
Qatar	<b>429</b>	(6.6)	443	(5.9)	451	(7.4)	<b>455</b>	(8.2)	<b>13.1</b>	(4.9)	1.32	(0.2)	2.0	(1.4)
Romania	<b>462</b>	(4.2)	480	(5.9)	490	(5.8)	<b>496</b>	(7.0)	<b>17.2</b>	(3.1)	<b>1.41</b>	(0.1)	3.0	(1.1)
Russian Federation	<b>439</b>	(9.0)	437	(9.2)	447	(9.8)	<b>468</b>	(10.0)	<b>13.8</b>	(6.7)	1.16	(0.2)	1.8	(1.7)
Serbia	<b>591</b>	(8.7)	609	(7.8)	620	(8.4)	<b>631</b>	(9.5)	<b>16.0</b>	(5.7)	<b>1.49</b>	(0.2)	2.3	(1.5)
Shanghai-China	<b>553</b>	(2.9)	565	(4.1)	579	(4.0)	<b>602</b>	(2.8)	<b>21.0</b>	(1.4)	<b>1.21</b>	(0.1)	3.5	(0.5)
Singapore	<b>540</b>	(7.1)	545	(8.8)	569	(10.5)	<b>586</b>	(13.5)	<b>21.1</b>	(6.7)	<b>1.30</b>	(0.1)	3.1	(2.1)
Chinese Taipei	<b>403</b>	(5.1)	416	(6.2)	441	(9.1)	<b>447</b>	(8.0)	<b>16.1</b>	(3.2)	<b>1.47</b>	(0.2)	4.0	(1.5)
Thailand	381	(6.8)	387	(6.5)	390	(7.5)	394	(10.6)	4.0	(4.0)	1.03	(0.2)	0.3	(0.7)
Tunisia	<b>414</b>	(4.9)	427	(5.9)	443	(4.5)	<b>455</b>	(5.0)	<b>16.7</b>	(2.9)	<b>1.42</b>	(0.1)	3.4	(1.1)
United Arab Emirates	<b>385</b>	(5.0)	395	(6.4)	421	(6.6)	<b>436</b>	(8.5)	<b>21.6</b>	(3.7)	<b>1.39</b>	(0.1)	5.5	(1.9)
Uruguay	<b>503</b>	(7.0)	508	(8.4)	506	(9.4)	<b>529</b>	(9.5)	9.6	(5.9)	1.17	(0.2)	0.9	(1.1)
Viet Nam														

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]

## Correlation between learning environment indicators at the school level

Table IV.5.11 Results based on students' and school principals' reports

		Correlation between:																					
		Percentage of students who arrived late for school at least once in the two weeks prior to the PISA test (at the school level) and...						Percentage of students who skipped a day or a class at least once in the two weeks prior to the PISA test (at the school level) and...															
		Percentage of students who skipped a day or a class at least once in the two weeks prior to the PISA test (at the school level)	School average index of teacher-student relations	School average index of disciplinary climate	Index of student-related factors affecting school climate	Index of teacher-related factors affecting school climate	Index of teacher morale	School average index of teacher-student relations	School average index of disciplinary climate	Index of student-related factors affecting school climate	Index of teacher-related factors affecting school climate	Index of teacher morale											
Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.												
OECD	Australia	0.23	(0.03)	<b>-0.09</b>	(0.04)	<b>-0.15</b>	(0.04)	<b>-0.16</b>	(0.04)	-0.06	(0.04)	-0.04	(0.03)	<b>-0.22</b>	(0.03)	<b>-0.20</b>	(0.04)	<b>-0.29</b>	(0.03)	<b>-0.19</b>	(0.05)	<b>-0.17</b>	(0.04)
	Austria	0.62	(0.06)	<b>-0.23</b>	(0.08)	<b>-0.27</b>	(0.07)	-0.11	(0.07)	0.06	(0.08)	-0.04	(0.08)	<b>-0.30</b>	(0.08)	-0.14	(0.07)	-0.07	(0.07)	0.05	(0.08)	-0.04	(0.08)
	Belgium	0.63	(0.04)	0.08	(0.06)	<b>-0.24</b>	(0.05)	<b>-0.30</b>	(0.04)	<b>-0.15</b>	(0.06)	<b>-0.19</b>	(0.06)	0.09	(0.06)	<b>-0.31</b>	(0.05)	<b>-0.25</b>	(0.05)	<b>-0.18</b>	(0.06)	<b>-0.31</b>	(0.06)
	Canada	0.39	(0.05)	<b>-0.23</b>	(0.05)	<b>-0.13</b>	(0.04)	<b>-0.27</b>	(0.04)	<b>-0.11</b>	(0.04)	-0.09	(0.05)	<b>-0.17</b>	(0.05)	<b>-0.12</b>	(0.04)	<b>-0.22</b>	(0.05)	-0.06	(0.05)	-0.06	(0.04)
	Chile	0.45	(0.06)	-0.07	(0.07)	<b>-0.29</b>	(0.07)	<b>-0.24</b>	(0.06)	<b>-0.12</b>	(0.06)	<b>-0.15</b>	(0.06)	<b>-0.22</b>	(0.08)	<b>-0.21</b>	(0.07)	<b>-0.31</b>	(0.06)	<b>-0.25</b>	(0.07)	<b>-0.28</b>	(0.07)
	Czech Republic	0.33	(0.07)	<b>-0.25</b>	(0.06)	<b>-0.26</b>	(0.05)	<b>-0.22</b>	(0.05)	-0.07	(0.05)	0.08	(0.06)	<b>-0.16</b>	(0.06)	-0.11	(0.07)	-0.10	(0.07)	-0.03	(0.06)	0.04	(0.06)
	Denmark	0.50	(0.05)	-0.06	(0.09)	<b>-0.25</b>	(0.08)	<b>-0.23</b>	(0.06)	<b>-0.18</b>	(0.07)	-0.07	(0.06)	-0.06	(0.09)	<b>-0.19</b>	(0.06)	<b>-0.15</b>	(0.07)	<b>-0.13</b>	(0.06)	-0.04	(0.06)
	Estonia	0.50	(0.05)	-0.04	(0.07)	-0.06	(0.07)	0.04	(0.06)	0.02	(0.07)	-0.04	(0.06)	<b>-0.21</b>	(0.07)	<b>-0.17</b>	(0.06)	<b>-0.21</b>	(0.06)	-0.10	(0.06)	-0.11	(0.05)
	Finland	0.34	(0.04)	<b>-0.13</b>	(0.06)	<b>-0.29</b>	(0.06)	<b>-0.21</b>	(0.06)	-0.01	(0.05)	<b>0.15</b>	(0.07)	<b>-0.20</b>	(0.06)	<b>-0.13</b>	(0.05)	<b>-0.14</b>	(0.06)	0.00	(0.05)	-0.10	(0.06)
	France	0.59	(0.04)	0.00	(0.06)	<b>-0.33</b>	(0.05)	<b>-0.34</b>	(0.05)	<b>-0.25</b>	(0.06)	<b>-0.21</b>	(0.07)	-0.05	(0.06)	<b>-0.39</b>	(0.06)	<b>-0.41</b>	(0.05)	<b>-0.30</b>	(0.07)	<b>-0.19</b>	(0.07)
	Germany	0.31	(0.09)	-0.06	(0.07)	<b>-0.20</b>	(0.10)	<b>-0.24</b>	(0.07)	-0.03	(0.07)	-0.05	(0.07)	<b>-0.22</b>	(0.09)	<b>-0.25</b>	(0.06)	<b>-0.25</b>	(0.06)	0.00	(0.07)	-0.05	(0.07)
	Greece	0.39	(0.06)	<b>-0.29</b>	(0.08)	<b>-0.21</b>	(0.09)	<b>-0.16</b>	(0.08)	-0.10	(0.08)	-0.06	(0.09)	<b>-0.20</b>	(0.06)	<b>-0.28</b>	(0.08)	<b>-0.24</b>	(0.08)	<b>-0.23</b>	(0.07)	<b>-0.23</b>	(0.09)
	Hungary	0.57	(0.06)	-0.09	(0.07)	<b>-0.42</b>	(0.06)	<b>-0.39</b>	(0.06)	<b>-0.16</b>	(0.06)	<b>-0.19</b>	(0.08)	-0.05	(0.06)	<b>-0.48</b>	(0.05)	<b>-0.51</b>	(0.06)	<b>-0.25</b>	(0.05)	<b>-0.31</b>	(0.07)
	Iceland	0.28	(0.01)	<b>-0.05</b>	(0.01)	<b>-0.12</b>	(0.01)	<b>-0.29</b>	(0.01)	<b>-0.13</b>	(0.01)	<b>-0.03</b>	(0.01)	<b>-0.23</b>	(0.01)	<b>-0.25</b>	(0.00)	<b>-0.23</b>	(0.01)	<b>-0.07</b>	(0.01)	<b>-0.06</b>	(0.01)
	Ireland	0.46	(0.06)	0.07	(0.09)	<b>-0.32</b>	(0.06)	<b>-0.28</b>	(0.07)	-0.14	(0.08)	-0.05	(0.08)	-0.06	(0.07)	<b>-0.22</b>	(0.07)	<b>-0.18</b>	(0.07)	-0.13	(0.07)	-0.13	(0.09)
	Israel	0.21	(0.09)	-0.05	(0.07)	0.01	(0.08)	-0.09	(0.08)	0.03	(0.09)	-0.08	(0.09)	-0.08	(0.08)	-0.08	(0.07)	-0.16	(0.08)	-0.06	(0.08)	-0.01	(0.07)
	Italy	0.50	(0.03)	<b>0.14</b>	(0.04)	<b>-0.21</b>	(0.04)	<b>-0.23</b>	(0.04)	-0.04	(0.05)	-0.04	(0.05)	<b>0.12</b>	(0.05)	<b>-0.18</b>	(0.03)	<b>-0.29</b>	(0.04)	-0.01	(0.05)	<b>-0.10</b>	(0.05)
	Japan	0.47	(0.07)	-0.15	(0.08)	<b>-0.36</b>	(0.06)	<b>-0.30</b>	(0.07)	<b>-0.14</b>	(0.06)	-0.10	(0.06)	-0.13	(0.07)	<b>-0.35</b>	(0.07)	-0.23	(0.14)	-0.03	(0.12)	-0.07	(0.07)
	Korea	0.47	(0.05)	<b>-0.32</b>	(0.06)	<b>-0.48</b>	(0.07)	<b>-0.45</b>	(0.05)	<b>-0.13</b>	(0.06)	<b>-0.29</b>	(0.08)	<b>-0.31</b>	(0.07)	<b>-0.51</b>	(0.05)	<b>-0.40</b>	(0.06)	-0.11	(0.06)	<b>-0.28</b>	(0.07)
	Luxembourg	0.70	(0.00)	<b>0.10</b>	(0.00)	<b>-0.20</b>	(0.00)	<b>-0.10</b>	(0.00)	<b>0.01</b>	(0.00)	<b>-0.20</b>	(0.00)	<b>0.08</b>	(0.00)	<b>-0.25</b>	(0.00)	<b>-0.25</b>	(0.00)	<b>-0.04</b>	(0.00)	<b>-0.07</b>	(0.00)
	Mexico	0.45	(0.03)	<b>-0.22</b>	(0.04)	<b>-0.13</b>	(0.03)	<b>-0.21</b>	(0.04)	-0.08	(0.04)	<b>-0.10</b>	(0.04)	<b>-0.17</b>	(0.04)	<b>-0.22</b>	(0.03)	<b>-0.21</b>	(0.04)	<b>-0.11</b>	(0.03)	-0.07	(0.04)
	Netherlands	0.38	(0.06)	<b>-0.15</b>	(0.07)	<b>-0.29</b>	(0.09)	<b>-0.20</b>	(0.07)	-0.07	(0.08)	-0.01	(0.08)	<b>-0.21</b>	(0.08)	-0.09	(0.09)	-0.14	(0.07)	-0.04	(0.09)	-0.03	(0.08)
	New Zealand	0.50	(0.05)	-0.02	(0.08)	<b>-0.28</b>	(0.06)	<b>-0.40</b>	(0.05)	<b>-0.18</b>	(0.08)	-0.09	(0.08)	-0.11	(0.08)	<b>-0.42</b>	(0.07)	<b>-0.42</b>	(0.06)	<b>-0.17</b>	(0.07)	-0.05	(0.08)
	Norway	0.48	(0.06)	-0.03	(0.08)	<b>-0.14</b>	(0.06)	<b>-0.20</b>	(0.06)	-0.06	(0.07)	0.03	(0.07)	<b>-0.24</b>	(0.06)	<b>-0.28</b>	(0.07)	<b>-0.17</b>	(0.07)	-0.07	(0.08)	0.01	(0.07)
	Poland	0.64	(0.04)	<b>-0.33</b>	(0.07)	<b>-0.33</b>	(0.06)	<b>-0.18</b>	(0.07)	0.01	(0.08)	0.03	(0.09)	<b>-0.25</b>	(0.06)	<b>-0.30</b>	(0.07)	<b>-0.14</b>	(0.08)	-0.04	(0.09)	-0.16	(0.09)
	Portugal	0.46	(0.06)	<b>-0.37</b>	(0.08)	<b>-0.20</b>	(0.08)	-0.12	(0.07)	-0.12	(0.07)	0.00	(0.09)	<b>-0.34</b>	(0.07)	<b>-0.24</b>	(0.07)	<b>-0.27</b>	(0.07)	-0.15	(0.07)	-0.15	(0.08)
	Slovak Republic	0.46	(0.07)	-0.08	(0.07)	<b>-0.37</b>	(0.05)	<b>-0.27</b>	(0.06)	-0.06	(0.06)	0.06	(0.06)	<b>0.00</b>	(0.07)	<b>-0.44</b>	(0.05)	<b>-0.19</b>	(0.07)	-0.01	(0.07)	0.07	(0.06)
	Slovenia	0.56	(0.04)	<b>-0.23</b>	(0.06)	<b>-0.35</b>	(0.02)	<b>-0.24</b>	(0.02)	<b>-0.06</b>	(0.01)	<b>-0.04</b>	(0.02)	<b>-0.19</b>	(0.04)	<b>-0.45</b>	(0.03)	<b>-0.33</b>	(0.02)	<b>-0.14</b>	(0.01)	0.01	(0.01)
	Spain	0.32	(0.05)	<b>-0.19</b>	(0.04)	<b>-0.13</b>	(0.06)	<b>-0.20</b>	(0.05)	-0.10	(0.06)	-0.11	(0.05)	0.01	(0.06)	-0.08	(0.05)	<b>-0.25</b>	(0.04)	<b>-0.13</b>	(0.07)	<b>-0.22</b>	(0.05)
Sweden	0.41	(0.06)	-0.13	(0.07)	-0.12	(0.07)	-0.07	(0.06)	0.03	(0.07)	-0.03	(0.07)	-0.13	(0.08)	<b>-0.26</b>	(0.07)	<b>-0.16</b>	(0.07)	0.00	(0.07)	<b>-0.18</b>	(0.08)	
Switzerland	0.52	(0.05)	<b>-0.30</b>	(0.05)	<b>-0.26</b>	(0.05)	<b>-0.22</b>	(0.06)	0.00	(0.06)	<b>-0.22</b>	(0.06)	<b>-0.37</b>	(0.05)	<b>-0.28</b>	(0.05)	<b>-0.18</b>	(0.06)	-0.04	(0.06)	<b>-0.22</b>	(0.06)	
Turkey	0.32	(0.07)	0.10	(0.07)	<b>-0.29</b>	(0.07)	<b>-0.18</b>	(0.08)	-0.08	(0.07)	-0.05	(0.08)	0.11	(0.06)	-0.01	(0.10)	-0.05	(0.09)	-0.06	(0.08)	0.12	(0.08)	
United Kingdom	0.23	(0.06)	<b>-0.11</b>	(0.05)	-0.07	(0.06)	-0.08	(0.06)	-0.05	(0.06)	-0.09	(0.07)	0.01	(0.08)	<b>-0.16</b>	(0.06)	-0.02	(0.08)	-0.06	(0.09)	-0.05	(0.07)	
United States	0.35	(0.06)	<b>-0.25</b>	(0.07)	<b>-0.34</b>	(0.08)	<b>-0.21</b>	(0.08)	<b>-0.19</b>	(0.06)	<b>-0.18</b>	(0.09)	<b>-0.34</b>	(0.07)	<b>-0.36</b>	(0.07)	<b>-0.12</b>	(0.06)	-0.09	(0.07)	-0.02	(0.08)	
OECD average	0.44	(0.01)	<b>-0.12</b>	(0.01)	<b>-0.24</b>	(0.01)	<b>-0.22</b>	(0.01)	<b>-0.08</b>	(0.01)	<b>-0.08</b>	(0.01)	<b>-0.14</b>	(0.01)	<b>-0.25</b>	(0.01)	<b>-0.22</b>	(0.01)	<b>-0.09</b>	(0.01)	<b>-0.10</b>	(0.01)	
Partners	Albania	0.29	(0.06)	-0.04	(0.07)	<b>-0.22</b>	(0.08)	<b>-0.08</b>	(0.07)	-0.05	(0.07)	0.03	(0.07)	<b>-0.14</b>	(0.06)	<b>-0.20</b>	(0.07)	-0.04	(0.07)	-0.10	(0.07)	0.09	(0.08)
	Argentina	0.43	(0.06)	-0.02	(0.08)	<b>-0.16</b>	(0.08)	<b>-0.33</b>	(0.08)	-0.08	(0.07)	-0.12	(0.07)	-0.03	(0.07)	<b>-0.32</b>	(0.08)	<b>-0.38</b>	(0.05)	<b>-0.22</b>	(0.06)	-0.13	(0.08)
	Brazil	0.20	(0.05)	-0.03	(0.05)	-0.05	(0.05)	-0.01	(0.07)	<b>0.13</b>	(0.06)	0.05	(0.05)	<b>-0.04</b>	(0.05)	<b>-0.15</b>	(0.04)	-0.03	(0.05)	0.00	(0.05)	-0.03	(0.05)
	Bulgaria	0.63	(0.04)	0.11	(0.08)	<b>-0.35</b>	(0.08)	<b>-0.24</b>	(0.08)	-0.10	(0.08)	<b>-0.13</b>	(0.07)	<b>-0.16</b>	(0.07)	<b>-0.42</b>	(0.06)	<b>-0.34</b>	(0.07)	-0.10	(0.07)	<b>-0.19</b>	(0.07)
	Colombia	0.35	(0.07)	-0.15	(0.10)	<b>-0.26</b>	(0.07)	<b>-0.12</b>	(0.06)	0.05	(0.09)	-0.07	(0.07)	-0.09	(0.09)	<b>-0.22</b>	(0.08)	-0.11	(0.07)	0.04	(0.08)	-0.02	(0.08)
	Costa Rica	0.24	(0.06)	<b>-0.16</b>	(0.07)	<b>-0.24</b>	(0.06)	<b>-0.28</b>	(0.08)	<b>-0.15</b>	(0.07)	-0.05	(0.08)	-0.06	(0.07)	<b>-0.27</b>	(0.08)	<b>-0.32</b>	(0.08)	<b>-0.24</b>	(0.09)	<b>-0.19</b>	(0.07)
	Croatia	0.61	(0.04)	<b>-0.17</b>	(0.08)	<b>-0.35</b>	(0.06)	<b>-0.37</b>	(0.07)	0.04	(0.10)	-0.04	(0.07)	-0.03	(0.09)	<b>-0.55</b>	(0.05)	<b>-0.35</b>	(0.06)	-0.07	(0.07)	-0.12	(0.07)
	Cyprus*	0.25	(0.00)	<b>-0.37</b>	(0.00)	<b>-0.37</b>	(0.00)	<b>-0.14</b>	(0.00)	<b>-0.02</b>	(0.00)	<b>-0.08</b>	(0.00)	<b>-0.18</b>	(0.01)	<b>-0.20</b>	(0.00)	<b>-0.15</b>	(0.00)	<b>0.07</b>	(0.00)	<b>0.02</b>	(0.00)
	Hong Kong-China	0.35	(0.07)	-0.04	(0.07)	<b>-0.17</b>	(0.08)	<b>-0.19</b>	(0.08)	-0.06	(0.07)	-0.15	(0.08)	0.02	(0.09)	-0.13	(0.07)	<b>-0.16</b>	(0.07)	-0.13	(0.07)	<b>-0.16</b>	(0.06)
	Indonesia	0.40	(0.06)	0.05	(0.07)	-0.12	(0.07)	-0.08	(0.08)	0.02	(0.06)	-0.12	(0.09)	-0.08	(0.08)	<b>-0.22</b>	(0.08)	-0.12	(0.07)	0.01	(0.08)	-0.14	(0.08)
	Jordan	0.07	(0.08)	0.02	(0.07)	<b>-0.29</b>	(0.07)	<b>-0.23</b>	(0.07)	-0.08	(0.07)	-0.08	(0.08)	-0.07									





[Part 2/2]  
**Correlation between learning environment indicators at the school level**  
 Results based on students' and school principals' reports

Table IV.5.11

		Correlation between:											
		School average index of teacher-student relations and...				School average index of disciplinary climate and...				Index of student-related factors affecting school climate and...			Index of teacher-related factors affecting school climate and...
		School average index of disciplinary climate	Index of student-related factors affecting school climate	Index of teacher-related factors affecting school climate	Index of teacher morale	Index of student-related factors affecting school climate	Index of teacher-related factors affecting school climate	Index of teacher morale	Index of student-related factors affecting school climate	Index of teacher morale	Index of teacher morale	Index of teacher morale	
													Corr.
OECD	Australia	<b>0.39</b> (0.04)	<b>0.36</b> (0.03)	<b>0.19</b> (0.04)	<b>0.26</b> (0.03)	<b>0.34</b> (0.03)	<b>0.16</b> (0.04)	<b>0.21</b> (0.04)	<b>0.66</b> (0.03)	<b>0.39</b> (0.03)	<b>0.46</b> (0.03)		
	Austria	<b>0.19</b> (0.08)	0.13 (0.07)	0.05 (0.07)	<b>0.21</b> (0.08)	<b>0.14</b> (0.06)	0.06 (0.06)	0.08 (0.08)	<b>0.48</b> (0.07)	<b>0.37</b> (0.07)	<b>0.44</b> (0.06)		
	Belgium	0.04 (0.07)	-0.09 (0.07)	-0.09 (0.07)	<b>-0.17</b> (0.06)	<b>0.21</b> (0.06)	-0.02 (0.07)	0.07 (0.07)	<b>0.59</b> (0.04)	<b>0.28</b> (0.05)	<b>0.42</b> (0.05)		
	Canada	<b>0.19</b> (0.05)	<b>0.23</b> (0.05)	0.10 (0.06)	<b>0.12</b> (0.04)	<b>0.14</b> (0.05)	-0.03 (0.04)	<b>0.15</b> (0.05)	<b>0.47</b> (0.04)	<b>0.27</b> (0.04)	<b>0.42</b> (0.05)		
	Chile	<b>0.22</b> (0.07)	<b>0.19</b> (0.08)	<b>0.19</b> (0.06)	<b>0.21</b> (0.08)	<b>0.16</b> (0.08)	0.10 (0.07)	0.13 (0.08)	<b>0.75</b> (0.03)	<b>0.47</b> (0.06)	<b>0.56</b> (0.06)		
	Czech Republic	<b>0.26</b> (0.06)	<b>0.21</b> (0.07)	0.09 (0.07)	-0.02 (0.06)	<b>0.24</b> (0.07)	0.11 (0.07)	<b>0.13</b> (0.06)	<b>0.59</b> (0.05)	<b>0.35</b> (0.06)	<b>0.44</b> (0.05)		
	Denmark	<b>0.37</b> (0.05)	<b>0.17</b> (0.08)	<b>0.16</b> (0.08)	0.07 (0.07)	<b>0.31</b> (0.06)	<b>0.16</b> (0.08)	<b>0.16</b> (0.05)	<b>0.57</b> (0.10)	<b>0.39</b> (0.06)	<b>0.55</b> (0.04)		
	Estonia	<b>0.13</b> (0.06)	<b>0.16</b> (0.06)	0.14 (0.07)	0.05 (0.06)	0.10 (0.05)	<b>0.16</b> (0.06)	0.05 (0.06)	<b>0.59</b> (0.04)	<b>0.31</b> (0.05)	<b>0.39</b> (0.05)		
	Finland	<b>0.17</b> (0.06)	<b>0.17</b> (0.05)	0.06 (0.06)	0.05 (0.06)	<b>0.17</b> (0.07)	0.05 (0.06)	-0.09 (0.07)	<b>0.45</b> (0.05)	<b>0.22</b> (0.06)	<b>0.45</b> (0.05)		
	France	0.00 (0.07)	-0.03 (0.08)	0.02 (0.06)	0.04 (0.07)	<b>0.34</b> (0.06)	<b>0.26</b> (0.07)	<b>0.21</b> (0.07)	<b>0.59</b> (0.05)	<b>0.44</b> (0.05)	<b>0.44</b> (0.07)		
	Germany	0.09 (0.07)	0.02 (0.08)	0.07 (0.06)	-0.01 (0.08)	<b>0.35</b> (0.06)	<b>0.19</b> (0.07)	0.10 (0.07)	<b>0.44</b> (0.05)	<b>0.28</b> (0.06)	<b>0.40</b> (0.05)		
	Greece	0.13 (0.08)	<b>0.17</b> (0.08)	<b>0.22</b> (0.07)	0.04 (0.08)	<b>0.24</b> (0.07)	0.13 (0.07)	<b>0.20</b> (0.08)	<b>0.71</b> (0.04)	<b>0.40</b> (0.08)	<b>0.39</b> (0.07)		
	Hungary	0.13 (0.08)	0.06 (0.07)	0.02 (0.06)	0.10 (0.07)	<b>0.38</b> (0.08)	<b>0.15</b> (0.07)	<b>0.14</b> (0.07)	<b>0.52</b> (0.06)	<b>0.36</b> (0.06)	<b>0.47</b> (0.06)		
	Iceland	<b>0.31</b> (0.01)	<b>-0.03</b> (0.01)	<b>-0.03</b> (0.01)	<b>0.09</b> (0.00)	<b>0.13</b> (0.01)	<b>0.03</b> (0.01)	<b>0.23</b> (0.01)	<b>0.69</b> (0.00)	<b>0.23</b> (0.00)	<b>0.37</b> (0.00)		
	Ireland	0.11 (0.07)	<b>0.25</b> (0.08)	0.11 (0.07)	<b>0.19</b> (0.08)	<b>0.33</b> (0.08)	<b>0.22</b> (0.08)	0.04 (0.08)	<b>0.55</b> (0.07)	<b>0.36</b> (0.07)	<b>0.47</b> (0.05)		
	Israel	0.05 (0.08)	-0.06 (0.08)	0.07 (0.08)	<b>0.16</b> (0.07)	0.15 (0.08)	<b>0.25</b> (0.08)	<b>0.27</b> (0.07)	<b>0.71</b> (0.04)	<b>0.36</b> (0.06)	<b>0.44</b> (0.06)		
	Italy	0.04 (0.04)	-0.02 (0.05)	<b>0.13</b> (0.05)	<b>0.03</b> (0.04)	<b>0.27</b> (0.04)	-0.03 (0.05)	0.08 (0.04)	<b>0.46</b> (0.04)	<b>0.33</b> (0.04)	<b>0.32</b> (0.04)		
	Japan	<b>0.33</b> (0.09)	0.15 (0.08)	<b>0.20</b> (0.06)	0.14 (0.08)	<b>0.42</b> (0.08)	<b>0.28</b> (0.06)	<b>0.21</b> (0.07)	<b>0.61</b> (0.05)	<b>0.21</b> (0.07)	<b>0.49</b> (0.06)		
	Korea	<b>0.46</b> (0.09)	<b>0.34</b> (0.07)	<b>0.20</b> (0.07)	<b>0.17</b> (0.08)	<b>0.44</b> (0.07)	0.12 (0.07)	<b>0.38</b> (0.08)	<b>0.65</b> (0.06)	<b>0.51</b> (0.07)	<b>0.39</b> (0.10)		
	Luxembourg	<b>0.10</b> (0.00)	<b>0.35</b> (0.00)	<b>0.44</b> (0.00)	<b>0.03</b> (0.00)	<b>0.10</b> (0.00)	0.01 (0.00)	<b>-0.12</b> (0.00)	<b>0.69</b> (0.00)	<b>0.51</b> (0.00)	<b>0.50</b> (0.00)		
	Mexico	<b>0.15</b> (0.03)	<b>0.11</b> (0.04)	<b>0.11</b> (0.03)	<b>0.09</b> (0.03)	<b>0.14</b> (0.03)	<b>0.10</b> (0.03)	0.06 (0.03)	<b>0.67</b> (0.02)	<b>0.38</b> (0.03)	<b>0.54</b> (0.03)		
	Netherlands	<b>0.24</b> (0.08)	0.07 (0.09)	0.12 (0.08)	0.09 (0.08)	<b>0.27</b> (0.07)	0.14 (0.09)	<b>0.14</b> (0.07)	<b>0.52</b> (0.06)	<b>0.30</b> (0.07)	<b>0.33</b> (0.08)		
	New Zealand	<b>0.32</b> (0.07)	<b>0.24</b> (0.07)	<b>0.23</b> (0.07)	<b>0.16</b> (0.07)	<b>0.42</b> (0.06)	<b>0.26</b> (0.06)	0.05 (0.06)	<b>0.61</b> (0.07)	<b>0.30</b> (0.07)	<b>0.37</b> (0.07)		
	Norway	<b>0.28</b> (0.08)	<b>0.17</b> (0.06)	0.13 (0.08)	<b>0.17</b> (0.06)	<b>0.20</b> (0.08)	<b>0.16</b> (0.07)	0.12 (0.08)	<b>0.61</b> (0.07)	<b>0.44</b> (0.05)	<b>0.49</b> (0.06)		
	Poland	<b>0.26</b> (0.07)	0.13 (0.08)	0.01 (0.07)	-0.02 (0.08)	0.09 (0.07)	-0.03 (0.07)	-0.02 (0.08)	<b>0.63</b> (0.03)	<b>0.29</b> (0.06)	<b>0.46</b> (0.07)		
	Portugal	<b>0.35</b> (0.06)	0.16 (0.09)	0.13 (0.09)	0.10 (0.08)	<b>0.28</b> (0.08)	<b>0.23</b> (0.08)	<b>0.28</b> (0.07)	<b>0.58</b> (0.06)	<b>0.31</b> (0.08)	<b>0.42</b> (0.07)		
	Slovak Republic	0.04 (0.08)	-0.09 (0.08)	-0.10 (0.07)	0.02 (0.08)	<b>0.25</b> (0.08)	-0.02 (0.08)	-0.05 (0.06)	<b>0.56</b> (0.06)	<b>0.35</b> (0.08)	<b>0.56</b> (0.05)		
	Slovenia	<b>0.11</b> (0.03)	<b>0.17</b> (0.01)	<b>0.08</b> (0.02)	0.00 (0.02)	<b>0.37</b> (0.01)	<b>0.27</b> (0.01)	<b>0.15</b> (0.01)	<b>0.53</b> (0.01)	<b>0.23</b> (0.01)	<b>0.40</b> (0.01)		
	Spain	<b>0.20</b> (0.07)	<b>0.19</b> (0.04)	<b>0.23</b> (0.04)	<b>0.20</b> (0.05)	<b>0.26</b> (0.05)	<b>0.16</b> (0.06)	0.06 (0.06)	<b>0.60</b> (0.03)	<b>0.37</b> (0.05)	<b>0.45</b> (0.05)		
	Sweden	<b>0.37</b> (0.05)	0.07 (0.07)	0.04 (0.06)	0.13 (0.07)	<b>0.31</b> (0.06)	<b>0.26</b> (0.07)	<b>0.24</b> (0.06)	<b>0.67</b> (0.05)	<b>0.40</b> (0.06)	<b>0.54</b> (0.04)		
	Switzerland	<b>0.32</b> (0.05)	0.10 (0.06)	0.10 (0.06)	<b>0.23</b> (0.06)	<b>0.18</b> (0.08)	0.07 (0.07)	0.09 (0.07)	<b>0.53</b> (0.04)	<b>0.31</b> (0.05)	<b>0.31</b> (0.05)		
	Turkey	0.15 (0.06)	0.10 (0.07)	0.05 (0.08)	0.04 (0.09)	<b>0.36</b> (0.06)	<b>0.17</b> (0.06)	0.13 (0.08)	<b>0.64</b> (0.04)	<b>0.26</b> (0.09)	<b>0.41</b> (0.08)		
United Kingdom	<b>0.35</b> (0.06)	<b>0.14</b> (0.06)	<b>0.19</b> (0.08)	<b>0.27</b> (0.06)	<b>0.18</b> (0.06)	0.09 (0.08)	0.08 (0.08)	<b>0.68</b> (0.04)	<b>0.43</b> (0.05)	<b>0.48</b> (0.04)			
United States	<b>0.42</b> (0.06)	<b>0.40</b> (0.07)	<b>0.36</b> (0.08)	<b>0.31</b> (0.09)	<b>0.44</b> (0.05)	<b>0.29</b> (0.07)	<b>0.31</b> (0.07)	<b>0.76</b> (0.04)	<b>0.50</b> (0.07)	<b>0.50</b> (0.08)			
OECD average	<b>0.21</b> (0.01)	<b>0.14</b> (0.01)	<b>0.12</b> (0.01)	<b>0.10</b> (0.01)	<b>0.26</b> (0.01)	<b>0.13</b> (0.01)	<b>0.13</b> (0.01)	<b>0.60</b> (0.01)	<b>0.35</b> (0.01)	<b>0.44</b> (0.01)			
Partners	Albania	<b>0.24</b> (0.07)	-0.02 (0.07)	0.06 (0.06)	0.01 (0.06)	-0.01 (0.07)	-0.02 (0.07)	-0.07 (0.06)	<b>0.48</b> (0.07)	<b>0.36</b> (0.07)	<b>0.32</b> (0.09)		
	Argentina	<b>0.19</b> (0.07)	0.04 (0.07)	0.07 (0.07)	<b>0.15</b> (0.06)	<b>0.34</b> (0.08)	<b>0.28</b> (0.07)	0.14 (0.08)	<b>0.55</b> (0.05)	<b>0.44</b> (0.07)	<b>0.52</b> (0.06)		
	Brazil	0.10 (0.05)	<b>0.15</b> (0.05)	<b>0.14</b> (0.05)	<b>0.16</b> (0.05)	<b>0.13</b> (0.06)	0.10 (0.06)	<b>0.13</b> (0.05)	<b>0.70</b> (0.03)	<b>0.34</b> (0.05)	<b>0.51</b> (0.05)		
	Bulgaria	0.04 (0.09)	-0.03 (0.08)	0.00 (0.08)	-0.01 (0.07)	<b>0.26</b> (0.07)	0.13 (0.08)	0.07 (0.06)	<b>0.65</b> (0.05)	<b>0.32</b> (0.07)	<b>0.34</b> (0.07)		
	Colombia	<b>0.13</b> (0.07)	0.08 (0.05)	0.09 (0.06)	0.01 (0.09)	<b>0.19</b> (0.09)	0.08 (0.08)	0.09 (0.07)	<b>0.65</b> (0.06)	<b>0.40</b> (0.06)	<b>0.39</b> (0.06)		
	Costa Rica	0.00 (0.07)	-0.10 (0.06)	-0.04 (0.06)	0.00 (0.07)	<b>0.19</b> (0.09)	<b>0.19</b> (0.08)	0.06 (0.08)	<b>0.60</b> (0.05)	<b>0.42</b> (0.07)	<b>0.51</b> (0.05)		
	Croatia	0.01 (0.10)	<b>0.24</b> (0.06)	<b>0.18</b> (0.09)	<b>0.26</b> (0.07)	<b>0.28</b> (0.08)	0.13 (0.08)	0.13 (0.07)	<b>0.54</b> (0.06)	<b>0.32</b> (0.07)	<b>0.41</b> (0.08)		
	Cyprus*	<b>0.20</b> (0.01)	<b>0.39</b> (0.00)	<b>0.16</b> (0.00)	<b>0.12</b> (0.00)	<b>0.07</b> (0.00)	<b>0.01</b> (0.01)	<b>0.12</b> (0.00)	<b>0.70</b> (0.00)	<b>0.30</b> (0.00)	<b>0.34</b> (0.00)		
	Hong Kong-China	<b>0.23</b> (0.08)	0.04 (0.09)	-0.03 (0.09)	-0.11 (0.08)	0.09 (0.09)	0.05 (0.10)	-0.03 (0.08)	<b>0.63</b> (0.06)	<b>0.25</b> (0.07)	<b>0.56</b> (0.07)		
	Indonesia	0.05 (0.06)	0.11 (0.06)	0.01 (0.07)	0.06 (0.07)	0.11 (0.07)	0.03 (0.07)	<b>-0.15</b> (0.07)	<b>0.46</b> (0.06)	<b>0.27</b> (0.08)	<b>0.20</b> (0.10)		
	Jordan	0.11 (0.06)	0.01 (0.08)	0.02 (0.08)	0.01 (0.08)	<b>0.19</b> (0.07)	0.13 (0.07)	0.11 (0.08)	<b>0.71</b> (0.04)	<b>0.24</b> (0.08)	<b>0.36</b> (0.07)		
	Kazakhstan	<b>0.51</b> (0.06)	0.06 (0.08)	0.05 (0.08)	0.06 (0.07)	0.02 (0.07)	0.01 (0.08)	0.09 (0.07)	<b>0.85</b> (0.02)	<b>0.17</b> (0.08)	<b>0.18</b> (0.09)		
	Latvia	<b>0.28</b> (0.06)	<b>0.18</b> (0.08)	0.12 (0.06)	0.08 (0.06)	<b>0.17</b> (0.07)	0.13 (0.07)	<b>0.21</b> (0.07)	<b>0.56</b> (0.05)	<b>0.28</b> (0.06)	<b>0.41</b> (0.07)		
	Liechtenstein	<b>0.25</b> (0.07)	-0.06 (0.03)	<b>0.24</b> (0.04)	<b>0.32</b> (0.06)	<b>-0.33</b> (0.02)	<b>-0.21</b> (0.03)	<b>-0.32</b> (0.02)	<b>0.57</b> (0.01)	<b>0.55</b> (0.01)	<b>0.76</b> (0.01)		
	Lithuania	<b>0.37</b> (0.05)	<b>0.16</b> (0.07)	0.09 (0.06)	<b>0.17</b> (0.06)	<b>0.31</b> (0.05)	<b>0.14</b> (0.06)	<b>0.19</b> (0.07)	<b>0.46</b> (0.06)	<b>0.31</b> (0.07)	<b>0.41</b> (0.08)		
	Macao-China	<b>0.14</b> (0.00)	<b>0.03</b> (0.00)	<b>0.03</b> (0.00)	<b>0.39</b> (0.00)	<b>0.40</b> (0.00)	<b>0.29</b> (0.00)	<b>0.05</b> (0.00)	<b>0.74</b> (0.00)	<b>0.24</b> (0.00)	<b>0.41</b> (0.00)		
	Malaysia	<b>0.21</b> (0.08)	-0.15 (0.08)	0.03 (0.08)	0.12 (0.09)	<b>0.21</b> (0.09)	<b>0.15</b> (0.07)	0.09 (0.08)	<b>0.63</b> (0.05)	<b>0.26</b> (0.06)	<b>0.38</b> (0.07)		
	Montenegro	<b>-0.06</b> (0.01)	<b>-0.20</b> (0.01)	<b>-0.19</b> (0.00)	<b>-0.21</b> (0.00)	<b>0.08</b> (0.01)	<b>0.15</b> (0.00)	<b>0.18</b> (0.01)	<b>0.68</b> (0.00)	<b>0.41</b> (0.00)	<b>0.36</b> (0.00)		
	Peru	<b>0.15</b> (0.07)	0.04 (0.07)	0.08 (0.06)	0.09 (0.06)	0.13 (0.08)	-0.01 (0.07)	0.04 (0.06)	<b>0.62</b> (0.05)	<b>0.42</b> (0.07)	<b>0.41</b> (0.08)		
	Qatar	<b>0.13</b> (0.00)	<b>0.26</b> (0.00)	<b>0.29</b> (0.00)	<b>0.35</b> (0.00)	<b>0.13</b> (0.00)	<b>0.10</b> (0.00)	<b>0.02</b> (0.00)	<b>0.75</b> (0.00)	<b>0.32</b> (0.00)	<b>0.34</b> (0.00)		
	Romania	<b>0.22</b> (0.08)	<b>-0.17</b> (0.06)	-0.06 (0.08)	-0.13 (0.07)	<b>0.17</b> (0.07)	-0.04 (0.06)	0.05 (0.06)	<b>0.37</b> (0.07)	<b>0.08</b> (0.09)	0.15 (0.09)		
	Russian Federation	<b>0.25</b> (0.07)	-0.10 (0.07)	0.03 (0.09)	0.10 (0.07)	0.06 (0.06)	-0.04 (0.06)	<b>0.19</b> (0.08)	<b>0.74</b> (0.03)	<b>0.27</b> (0.07)	<b>0.28</b> (0.07)		
	Serbia	-0.13 (0.09)	-0.05 (0.07)	-0.04 (0.08)	0.00 (0.09)	<b>0.24</b> (0.07)	0.10 (0.07)	<b>0.22</b> (0.08)	<b>0.61</b> (0.06)	<b>0.42</b> (0.07)	<b>0.51</b> (0.06)		
	Shanghai-China	<b>0.58</b> (0.04)	<b>0.15</b> (0.07)	0.01 (0.08)	<b>0.20</b> (0.08)	<b>0.36</b> (0.07)	0.14 (0.08)	<b>0.24</b> (0.06)	<b>0.80</b> (0.03)	<b>0.30</b> (0.07)</			

[Part 1/1]


**Correlation between learning environment indicators and school average socio-economic status at the school level**

Table IV.5.12 Results based on students' and school principals' reports

		Correlation between:													
		School average PISA index of economic, social and cultural status (ESCS) and...													
		Percentage of students who arrived late for school at least once in the two weeks prior to the PISA test (at the school level)		Percentage of students who skipped a day or a class at least once in the two weeks prior to the PISA test (at the school level)		School average index of teacher-student relations		School average index of disciplinary climate		Index of student-related factors affecting school climate		Index of teacher-related factors affecting school climate		Index of teacher morale	
		Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.
OECD	Australia	-0.11	(0.04)	-0.36	(0.03)	<b>0.38</b>	(0.03)	<b>0.34</b>	(0.03)	<b>0.52</b>	(0.02)	<b>0.38</b>	(0.04)	<b>0.31</b>	(0.03)
	Austria	0.13	(0.07)	0.13	(0.07)	-0.13	(0.06)	<b>0.34</b>	(0.07)	<b>0.23</b>	(0.07)	0.16	(0.08)	0.09	(0.08)
	Belgium	<b>-0.34</b>	(0.06)	<b>-0.41</b>	(0.05)	-0.06	(0.06)	<b>0.35</b>	(0.06)	<b>0.56</b>	(0.04)	<b>0.30</b>	(0.05)	<b>0.30</b>	(0.05)
	Canada	-0.09	(0.06)	<b>-0.14</b>	(0.06)	<b>0.13</b>	(0.05)	<b>0.13</b>	(0.04)	<b>0.36</b>	(0.05)	<b>0.21</b>	(0.06)	<b>0.17</b>	(0.05)
	Chile	<b>-0.30</b>	(0.05)	<b>-0.27</b>	(0.06)	-0.10	(0.06)	<b>0.19</b>	(0.06)	<b>0.45</b>	(0.05)	<b>0.33</b>	(0.06)	<b>0.33</b>	(0.06)
	Czech Republic	<b>-0.28</b>	(0.06)	<b>-0.18</b>	(0.07)	-0.07	(0.06)	<b>0.25</b>	(0.06)	<b>0.31</b>	(0.06)	<b>0.12</b>	(0.06)	<b>0.14</b>	(0.07)
	Denmark	-0.03	(0.07)	<b>-0.15</b>	(0.06)	<b>0.21</b>	(0.06)	<b>0.31</b>	(0.06)	<b>0.35</b>	(0.05)	<b>0.22</b>	(0.06)	<b>0.25</b>	(0.05)
	Estonia	0.09	(0.05)	-0.01	(0.06)	0.03	(0.07)	-0.03	(0.05)	0.09	(0.05)	0.04	(0.05)	<b>0.10</b>	(0.04)
	Finland	<b>0.16</b>	(0.05)	-0.06	(0.06)	0.10	(0.06)	0.06	(0.07)	0.01	(0.06)	0.04	(0.05)	<b>0.15</b>	(0.06)
	France	<b>-0.29</b>	(0.06)	<b>-0.28</b>	(0.05)	<b>-0.20</b>	(0.08)	<b>0.39</b>	(0.04)	<b>0.34</b>	(0.05)	<b>0.24</b>	(0.08)	<b>0.29</b>	(0.06)
	Germany	0.03	(0.08)	<b>-0.15</b>	(0.07)	<b>-0.20</b>	(0.06)	<b>0.22</b>	(0.07)	<b>0.29</b>	(0.06)	0.12	(0.07)	<b>0.19</b>	(0.07)
	Greece	0.16	(0.09)	<b>-0.13</b>	(0.06)	<b>-0.22</b>	(0.05)	<b>0.39</b>	(0.06)	<b>0.14</b>	(0.05)	<b>0.15</b>	(0.05)	<b>0.22</b>	(0.09)
	Hungary	<b>-0.39</b>	(0.08)	<b>-0.60</b>	(0.05)	-0.09	(0.08)	<b>0.50</b>	(0.06)	<b>0.47</b>	(0.06)	<b>0.22</b>	(0.06)	<b>0.20</b>	(0.09)
	Iceland	<b>0.03</b>	(0.01)	<b>-0.21</b>	(0.01)	<b>0.28</b>	(0.01)	<b>0.03</b>	(0.01)	-0.01	(0.01)	<b>0.01</b>	(0.01)	<b>0.25</b>	(0.01)
	Ireland	<b>-0.28</b>	(0.07)	-0.04	(0.07)	-0.05	(0.08)	<b>0.28</b>	(0.06)	<b>0.42</b>	(0.06)	<b>0.27</b>	(0.07)	<b>0.24</b>	(0.09)
	Israel	-0.09	(0.07)	<b>0.18</b>	(0.06)	<b>-0.16</b>	(0.08)	<b>0.22</b>	(0.08)	0.14	(0.07)	0.03	(0.08)	<b>0.17</b>	(0.08)
	Italy	<b>-0.28</b>	(0.04)	<b>-0.34</b>	(0.03)	<b>-0.23</b>	(0.05)	<b>0.34</b>	(0.04)	<b>0.41</b>	(0.04)	0.03	(0.05)	<b>0.18</b>	(0.04)
	Japan	<b>-0.24</b>	(0.08)	<b>-0.43</b>	(0.06)	<b>0.30</b>	(0.07)	<b>0.47</b>	(0.07)	<b>0.34</b>	(0.08)	<b>0.26</b>	(0.07)	<b>0.38</b>	(0.06)
	Korea	<b>-0.33</b>	(0.07)	<b>-0.31</b>	(0.06)	<b>0.23</b>	(0.08)	<b>0.36</b>	(0.07)	<b>0.25</b>	(0.07)	0.06	(0.09)	<b>0.32</b>	(0.07)
	Luxembourg	<b>-0.02</b>	(0.00)	<b>-0.35</b>	(0.00)	<b>-0.18</b>	(0.00)	<b>0.16</b>	(0.00)	<b>0.47</b>	(0.00)	<b>0.13</b>	(0.00)	<b>0.34</b>	(0.00)
	Mexico	<b>0.17</b>	(0.04)	<b>0.25</b>	(0.03)	<b>-0.15</b>	(0.04)	0.04	(0.04)	<b>0.12</b>	(0.03)	<b>0.13</b>	(0.03)	<b>0.14</b>	(0.04)
	Netherlands	<b>-0.23</b>	(0.06)	0.04	(0.08)	0.01	(0.09)	<b>0.18</b>	(0.08)	<b>0.21</b>	(0.07)	-0.06	(0.09)	-0.01	(0.09)
	New Zealand	<b>-0.37</b>	(0.07)	<b>-0.59</b>	(0.05)	<b>0.18</b>	(0.06)	<b>0.43</b>	(0.07)	<b>0.53</b>	(0.05)	<b>0.30</b>	(0.07)	<b>0.27</b>	(0.07)
	Norway	0.10	(0.07)	0.06	(0.06)	0.08	(0.08)	0.00	(0.07)	<b>0.28</b>	(0.06)	<b>0.20</b>	(0.07)	<b>0.29</b>	(0.07)
	Poland	<b>0.43</b>	(0.05)	<b>0.17</b>	(0.06)	<b>-0.22</b>	(0.08)	-0.09	(0.08)	0.04	(0.09)	0.07	(0.08)	<b>0.19</b>	(0.07)
	Portugal	-0.02	(0.07)	<b>-0.20</b>	(0.08)	0.00	(0.08)	0.01	(0.09)	<b>0.17</b>	(0.09)	0.13	(0.10)	0.17	(0.09)
	Slovak Republic	<b>-0.20</b>	(0.08)	<b>-0.37</b>	(0.05)	<b>-0.36</b>	(0.07)	<b>0.36</b>	(0.06)	<b>0.25</b>	(0.05)	0.05	(0.07)	0.01	(0.08)
	Slovenia	<b>-0.16</b>	(0.03)	<b>-0.38</b>	(0.03)	<b>-0.14</b>	(0.03)	<b>0.52</b>	(0.02)	<b>0.27</b>	(0.01)	<b>0.05</b>	(0.01)	<b>0.06</b>	(0.01)
	Spain	-0.11	(0.06)	<b>-0.27</b>	(0.04)	-0.05	(0.04)	<b>0.20</b>	(0.04)	<b>0.45</b>	(0.04)	<b>0.27</b>	(0.04)	<b>0.33</b>	(0.06)
	Sweden	-0.01	(0.08)	<b>-0.16</b>	(0.07)	0.11	(0.07)	<b>0.32</b>	(0.07)	<b>0.43</b>	(0.06)	<b>0.33</b>	(0.06)	<b>0.30</b>	(0.06)
	Switzerland	<b>0.32</b>	(0.06)	<b>0.23</b>	(0.05)	-0.02	(0.06)	<b>0.03</b>	(0.07)	<b>0.08</b>	(0.07)	0.09	(0.07)	-0.07	(0.06)
	Turkey	<b>-0.22</b>	(0.06)	<b>0.24</b>	(0.07)	-0.12	(0.08)	<b>0.36</b>	(0.06)	<b>0.31</b>	(0.07)	<b>0.34</b>	(0.08)	<b>0.36</b>	(0.08)
	United Kingdom	<b>-0.19</b>	(0.05)	<b>-0.16</b>	(0.06)	<b>0.20</b>	(0.07)	<b>0.20</b>	(0.09)	<b>0.35</b>	(0.06)	<b>0.23</b>	(0.08)	<b>0.25</b>	(0.07)
United States	<b>-0.47</b>	(0.06)	<b>-0.46</b>	(0.06)	<b>0.32</b>	(0.09)	<b>0.44</b>	(0.05)	<b>0.42</b>	(0.06)	<b>0.35</b>	(0.07)	<b>0.26</b>	(0.09)	
OECD average	<b>-0.10</b>	(0.01)	<b>-0.17</b>	(0.01)	-0.01	(0.01)	<b>0.24</b>	(0.01)	<b>0.30</b>	(0.01)	<b>0.18</b>	(0.01)	<b>0.21</b>	(0.01)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>-0.25</b>	(0.08)	<b>-0.20</b>	(0.10)	<b>-0.48</b>	(0.06)	0.03	(0.09)	<b>0.33</b>	(0.08)	<b>0.20</b>	(0.07)	0.13	(0.08)
	Brazil	0.10	(0.05)	-0.03	(0.06)	-0.06	(0.05)	<b>0.12</b>	(0.05)	<b>0.38</b>	(0.04)	<b>0.31</b>	(0.05)	<b>0.32</b>	(0.05)
	Bulgaria	<b>-0.32</b>	(0.07)	<b>-0.44</b>	(0.05)	<b>-0.38</b>	(0.06)	<b>0.34</b>	(0.09)	<b>0.23</b>	(0.06)	0.10	(0.08)	<b>0.18</b>	(0.07)
	Colombia	-0.03	(0.07)	0.06	(0.06)	<b>-0.19</b>	(0.05)	0.11	(0.06)	<b>0.25</b>	(0.06)	<b>0.21</b>	(0.07)	<b>0.26</b>	(0.06)
	Costa Rica	-0.02	(0.08)	<b>-0.23</b>	(0.08)	<b>-0.36</b>	(0.06)	0.07	(0.10)	<b>0.43</b>	(0.07)	<b>0.19</b>	(0.08)	<b>0.19</b>	(0.08)
	Croatia	0.03	(0.06)	<b>-0.39</b>	(0.05)	<b>-0.25</b>	(0.10)	<b>0.49</b>	(0.05)	<b>0.20</b>	(0.08)	<b>0.17</b>	(0.08)	<b>0.16</b>	(0.08)
	Cyprus*	<b>-0.19</b>	(0.00)	<b>-0.05</b>	(0.00)	<b>0.23</b>	(0.01)	<b>0.21</b>	(0.00)	<b>0.15</b>	(0.00)	<b>0.19</b>	(0.00)	<b>0.18</b>	(0.00)
	Hong Kong-China	<b>-0.22</b>	(0.07)	-0.11	(0.08)	-0.14	(0.09)	0.08	(0.09)	<b>0.21</b>	(0.09)	<b>0.25</b>	(0.09)	<b>0.26</b>	(0.08)
	Indonesia	0.11	(0.10)	0.06	(0.07)	<b>0.13</b>	(0.06)	<b>-0.24</b>	(0.07)	<b>0.17</b>	(0.08)	0.09	(0.08)	<b>0.24</b>	(0.05)
	Jordan	0.09	(0.07)	-0.03	(0.07)	-0.02	(0.08)	0.01	(0.09)	<b>0.06</b>	(0.08)	<b>0.15</b>	(0.08)	<b>0.19</b>	(0.07)
	Kazakhstan	-0.14	(0.09)	<b>-0.25</b>	(0.07)	0.01	(0.08)	<b>0.22</b>	(0.08)	-0.04	(0.07)	-0.02	(0.07)	0.09	(0.07)
	Latvia	0.01	(0.08)	0.03	(0.07)	<b>-0.32</b>	(0.06)	-0.04	(0.07)	0.01	(0.08)	-0.03	(0.08)	-0.03	(0.08)
	Liechtenstein	<b>-0.35</b>	(0.02)	<b>0.10</b>	(0.03)	<b>-0.08</b>	(0.02)	<b>0.08</b>	(0.02)	<b>0.45</b>	(0.02)	<b>0.20</b>	(0.02)	<b>0.41</b>	(0.02)
	Lithuania	-0.02	(0.06)	<b>-0.22</b>	(0.07)	0.08	(0.06)	<b>0.24</b>	(0.06)	<b>0.24</b>	(0.06)	<b>0.21</b>	(0.06)	<b>0.24</b>	(0.06)
	Macao-China	<b>-0.02</b>	(0.00)	<b>0.14</b>	(0.00)	<b>0.16</b>	(0.00)	<b>0.13</b>	(0.00)	<b>0.26</b>	(0.00)	<b>0.35</b>	(0.00)	<b>0.34</b>	(0.00)
	Malaysia	<b>-0.31</b>	(0.07)	0.09	(0.09)	<b>-0.26</b>	(0.06)	<b>0.24</b>	(0.08)	<b>0.41</b>	(0.06)	<b>0.25</b>	(0.09)	0.10	(0.09)
	Montenegro	<b>-0.16</b>	(0.01)	<b>-0.11</b>	(0.01)	<b>-0.80</b>	(0.00)	<b>0.23</b>	(0.01)	<b>0.20</b>	(0.01)	<b>0.28</b>	(0.00)	<b>0.30</b>	(0.01)
	Peru	-0.14	(0.08)	<b>-0.43</b>	(0.06)	<b>-0.17</b>	(0.07)	0.07	(0.08)	<b>0.29</b>	(0.06)	<b>0.14</b>	(0.07)	<b>0.29</b>	(0.07)
	Qatar	<b>0.05</b>	(0.00)	<b>0.23</b>	(0.00)	<b>-0.15</b>	(0.00)	<b>0.29</b>	(0.00)	<b>-0.02</b>	(0.00)	<b>0.02</b>	(0.00)	<b>-0.05</b>	(0.00)
	Romania	-0.14	(0.08)	<b>-0.26</b>	(0.08)	<b>-0.30</b>	(0.06)	<b>0.39</b>	(0.06)	<b>0.27</b>	(0.06)	0.12	(0.08)	<b>0.19</b>	(0.07)
	Russian Federation	0.04	(0.07)	-0.01	(0.07)	<b>-0.20</b>	(0.06)	0.08	(0.07)	<b>0.21</b>	(0.09)	0.04	(0.08)	<b>0.30</b>	(0.07)
	Serbia	0.02	(0.08)	-0.20	(0.11)	<b>-0.38</b>	(0.06)	<b>0.38</b>	(0.07)	<b>0.24</b>	(0.08)	0.14	(0.10)	<b>0.19</b>	(0.09)
	Shanghai-China	<b>-0.29</b>	(0.07)	-0.10	(0.08)	<b>0.47</b>	(0.05)	<b>0.41</b>	(0.06)	<b>0.17</b>	(0.07)	0.02	(0.09)	<b>0.20</b>	(0.07)
	Singapore	<b>-0.32</b>	(0.01)	<b>-0.15</b>	(0.00)	<b>0.10</b>	(0.01)	<b>0.46</b>	(0.01)	<b>0.47</b>	(0.01)	<b>0.25</b>	(0.01)	<b>0.18</b>	(0.02)
	Chinese Taipei	<b>-0.22</b>	(0.08)	<b>-0.53</b>	(0.05)	0.12	(0.08)	<b>0.54</b>	(0.07)	<b>0.36</b>	(0.07)	<b>0.22</b>	(0.06)	<b>0.28</b>	(0.09)
	Thailand	-0.05	(0.05)	-0.10	(0.06)	<b>-0.14</b>	(0.06)	-0.09	(0.06)	<b>0.12</b>	(0.06)	<b>0.20</b>	(0.07)	<b>0.29</b>	(0.05)
	Tunisia	<b>0.17</b>	(0.07)	-0.10	(0.07)	<b>-0.41</b>	(0.08)	<b>-0.29</b>	(0.09)	-0.08	(0.08)	-0.14	(0.09)	0.03	(0.09)
	United Arab Emirates	0.04	(0.04)	<b>-0.26</b>	(0.05)	<b>-0.20</b>	(0.04)	<b>0.31</b>	(0.05)	<b>0.11</b>	(0.04)	<b>0.20</b>	(0.04)	<b>0.09</b>	(0.05)
	Uruguay	-0.13	(0.08)	<b>-0.43</b>	(0.05)	<b>-0.48</b>	(0.07)	<b>0.27</b>	(0.07)	<b>0.54</b>	(0.05)	<b>0.51</b>	(0.06)	<b>0.34</b>	(0.06)
Viet Nam	<b>-0.24</b>	(0.06)	<b>-0.38</b>	(0.05)	<b>-0.27</b>	(0.07)	<b>-0.19</b>	(0.09)	<b>0.20</b>	(0.08)	-0.06	(0.09)	0.11	(0.07)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Relationship between disciplinary climate and school features**

Table IV.5.13 Results based on students' and school principals' reports

		Regression model estimating the average index of disciplinary climate at the school level <sup>1</sup>													
		Intercept		School average PISA index of economic, social and cultural status (ESCS) (1 unit increase)		School size (per 100 students)		School size (per 100 students) (squared)		School in a small town or village (15 000 or less people)		School in a city or a large city (100 000 or more people)		Private school	
		Intercept	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	Australia	-0.21	(0.13)	<b>0.25</b>	(0.06)	0.00	(0.01)	0.00	(0.00)	0.03	(0.06)	0.05	(0.04)	<b>0.13</b>	(0.05)
	Austria	0.15	(0.28)	<b>0.29</b>	(0.10)	<b>0.04</b>	(0.02)	0.00	(0.00)	0.17	(0.09)	-0.01	(0.10)	-0.02	(0.17)
	Belgium	-0.01	(0.25)	<b>0.24</b>	(0.07)	0.02	(0.04)	0.00	(0.00)	-0.04	(0.06)	-0.03	(0.07)	<b>0.20</b>	(0.06)
	Canada	-0.18	(0.17)	0.04	(0.05)	<b>-0.04</b>	(0.01)	<b>0.00</b>	(0.00)	-0.06	(0.05)	0.03	(0.04)	0.10	(0.06)
	Chile	-0.12	(0.24)	<b>0.10</b>	(0.05)	0.02	(0.01)	0.00	(0.00)	0.09	(0.09)	-0.05	(0.08)	0.03	(0.06)
	Czech Republic	0.42	(0.29)	<b>0.46</b>	(0.14)	-0.03	(0.07)	0.00	(0.01)	-0.09	(0.10)	-0.20	(0.10)	-0.15	(0.16)
	Denmark	-0.72	(0.26)	<b>0.31</b>	(0.07)	0.01	(0.04)	0.00	(0.00)	-0.10	(0.07)	0.00	(0.06)	<b>0.31</b>	(0.10)
	Estonia	0.40	(0.26)	0.06	(0.10)	-0.06	(0.04)	0.00	(0.00)	-0.09	(0.07)	-0.06	(0.07)	-0.03	(0.19)
	Finland	-0.45	(0.25)	<b>0.21</b>	(0.09)	-0.08	(0.05)	0.01	(0.00)	0.04	(0.06)	<b>-0.08</b>	(0.04)	<b>0.28</b>	(0.08)
	France	-0.20	(0.25)	<b>0.41</b>	(0.08)	-0.03	(0.03)	0.00	(0.00)	0.09	(0.06)	-0.03	(0.07)	0.01	(0.09)
	Germany	-0.24	(0.26)	<b>0.18</b>	(0.08)	0.01	(0.03)	0.00	(0.00)	0.04	(0.08)	-0.01	(0.07)	-0.04	(0.12)
	Greece	-0.34	(0.21)	<b>0.23</b>	(0.08)	-0.03	(0.05)	0.00	(0.00)	0.09	(0.08)	0.02	(0.06)	c	c
	Hungary	0.44	(0.21)	<b>0.39</b>	(0.06)	0.02	(0.02)	<b>0.00</b>	(0.00)	-0.04	(0.09)	-0.05	(0.09)	-0.02	(0.13)
	Iceland	0.00	(0.06)	-0.01	(0.01)	<b>0.02</b>	(0.01)	<b>0.00</b>	(0.00)	<b>0.11</b>	(0.01)	<b>0.12</b>	(0.01)	c	c
	Ireland	0.09	(0.32)	<b>0.30</b>	(0.09)	-0.07	(0.04)	0.00	(0.00)	0.13	(0.09)	-0.13	(0.11)	<b>0.16</b>	(0.07)
	Israel	0.51	(0.34)	0.10	(0.14)	0.01	(0.03)	0.00	(0.00)	-0.08	(0.09)	0.08	(0.07)	c	c
	Italy	-0.03	(0.17)	<b>0.31</b>	(0.04)	0.01	(0.01)	0.00	(0.00)	-0.04	(0.05)	<b>-0.10</b>	(0.05)	-0.13	(0.10)
	Japan	1.16	(0.27)	<b>0.66</b>	(0.11)	-0.02	(0.02)	0.00	(0.00)	c	c	-0.06	(0.07)	<b>-0.24</b>	(0.08)
	Korea	0.53	(0.30)	<b>0.37</b>	(0.09)	<b>-0.10</b>	(0.03)	<b>0.00</b>	(0.00)	<b>-0.47</b>	(0.11)	-0.02	(0.08)	<b>0.16</b>	(0.06)
	Luxembourg	0.10	(0.01)	<b>-0.05</b>	(0.00)	0.00	(0.00)	<b>0.00</b>	(0.00)	<b>0.09</b>	(0.00)	c	c	<b>0.13</b>	(0.00)
	Mexico	0.28	(0.10)	0.01	(0.02)	<b>0.01</b>	(0.00)	0.00	(0.00)	0.00	(0.04)	<b>-0.10</b>	(0.03)	0.01	(0.06)
	Netherlands	-0.12	(0.26)	0.11	(0.11)	-0.03	(0.02)	0.00	(0.00)	-0.11	(0.09)	<b>-0.19</b>	(0.06)	-0.07	(0.05)
	New Zealand	-0.17	(0.29)	<b>0.35</b>	(0.09)	-0.01	(0.02)	0.00	(0.00)	0.10	(0.07)	0.00	(0.08)	0.32	(0.23)
	Norway	0.33	(0.29)	-0.04	(0.12)	-0.07	(0.08)	0.01	(0.01)	0.06	(0.08)	0.12	(0.08)	c	c
	Poland	-0.12	(0.39)	0.05	(0.15)	<b>-0.12</b>	(0.06)	<b>0.01</b>	(0.01)	0.17	(0.12)	-0.07	(0.13)	-0.14	(0.21)
	Portugal	0.01	(0.26)	0.00	(0.06)	-0.03	(0.02)	0.00	(0.00)	0.00	(0.07)	<b>-0.16</b>	(0.07)	<b>0.31</b>	(0.11)
	Slovak Republic	0.00	(0.19)	<b>0.40</b>	(0.08)	-0.07	(0.05)	0.00	(0.00)	0.14	(0.07)	-0.15	(0.08)	0.06	(0.12)
	Slovenia	-0.14	(0.18)	<b>0.54</b>	(0.03)	0.01	(0.02)	0.00	(0.00)	0.07	(0.04)	0.01	(0.02)	<b>0.10</b>	(0.03)
	Spain	-0.23	(0.18)	<b>0.11</b>	(0.04)	0.00	(0.01)	0.00	(0.00)	-0.01	(0.06)	-0.03	(0.05)	<b>0.18</b>	(0.07)
	Sweden	-0.08	(0.19)	<b>0.27</b>	(0.08)	0.00	(0.03)	0.00	(0.00)	-0.03	(0.06)	-0.02	(0.07)	0.12	(0.07)
	Switzerland	0.50	(0.16)	0.02	(0.06)	0.00	(0.02)	0.00	(0.00)	0.09	(0.05)	<b>-0.16</b>	(0.07)	-0.09	(0.13)
	Turkey	0.03	(0.21)	<b>0.19</b>	(0.05)	-0.01	(0.01)	0.00	(0.00)	0.18	(0.10)	-0.07	(0.06)	c	c
United Kingdom	0.44	(0.25)	0.15	(0.13)	-0.06	(0.03)	0.00	(0.00)	-0.10	(0.06)	-0.04	(0.08)	-0.01	(0.08)	
United States	0.19	(0.31)	<b>0.28</b>	(0.06)	-0.01	(0.01)	0.00	(0.00)	-0.10	(0.08)	-0.01	(0.07)	0.22	(0.15)	
OECD average	0.06	(0.04)	<b>0.21</b>	(0.01)	<b>-0.02</b>	(0.01)	<b>0.00</b>	(0.00)	0.01	(0.01)	<b>-0.04</b>	(0.01)	<b>0.07</b>	(0.02)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	-1.10	(0.22)	-0.01	(0.08)	<b>-0.06</b>	(0.03)	<b>0.00</b>	(0.00)	0.15	(0.09)	0.05	(0.08)	0.01	(0.09)
	Brazil	-0.52	(0.19)	0.03	(0.04)	-0.01	(0.00)	0.00	(0.00)	0.00	(0.05)	-0.04	(0.04)	<b>0.20</b>	(0.08)
	Bulgaria	0.08	(0.20)	0.07	(0.07)	<b>0.08</b>	(0.03)	<b>0.00</b>	(0.00)	0.03	(0.08)	<b>-0.17</b>	(0.06)	c	c
	Colombia	0.24	(0.22)	0.02	(0.03)	0.00	(0.01)	0.00	(0.00)	-0.03	(0.08)	<b>-0.08</b>	(0.07)	0.15	(0.08)
	Costa Rica	-0.06	(0.26)	-0.11	(0.07)	0.00	(0.01)	0.00	(0.00)	-0.04	(0.07)	0.01	(0.08)	<b>0.50</b>	(0.19)
	Croatia	0.66	(0.27)	<b>0.66</b>	(0.09)	<b>0.13</b>	(0.05)	<b>-0.01</b>	(0.00)	-0.01	(0.08)	<b>-0.29</b>	(0.09)	c	c
	Cyprus*	-0.59	(0.03)	<b>0.20</b>	(0.01)	<b>-0.04</b>	(0.00)	<b>0.00</b>	(0.00)	<b>0.03</b>	(0.00)	<b>-0.11</b>	(0.00)	<b>0.05</b>	(0.00)
	Hong Kong-China	1.17	(0.33)	-0.07	(0.05)	0.05	(0.05)	0.00	(0.00)	c	c	c	c	0.12	(0.11)
	Indonesia	0.52	(0.27)	-0.08	(0.05)	0.00	(0.02)	0.00	(0.00)	0.03	(0.07)	0.00	(0.07)	-0.10	(0.06)
	Jordan	0.12	(0.24)	<b>-0.23</b>	(0.10)	-0.03	(0.02)	0.00	(0.00)	0.04	(0.07)	0.14	(0.08)	<b>0.32</b>	(0.15)
	Kazakhstan	0.89	(0.32)	<b>0.38</b>	(0.10)	-0.03	(0.02)	0.00	(0.00)	0.01	(0.13)	-0.08	(0.12)	-0.16	(0.14)
	Latvia	0.21	(0.28)	0.09	(0.11)	-0.08	(0.05)	<b>0.01</b>	(0.00)	0.16	(0.14)	-0.14	(0.11)	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	0.24	(0.30)	<b>0.36</b>	(0.10)	-0.04	(0.05)	0.00	(0.00)	-0.01	(0.11)	-0.01	(0.09)	c	c
	Macao-China	2.32	(0.01)	<b>0.21</b>	(0.00)	<b>0.03</b>	(0.00)	<b>0.00</b>	(0.00)	c	c	c	c	c	c
	Malaysia	0.02	(0.25)	<b>0.15</b>	(0.05)	-0.01	(0.01)	0.00	(0.00)	-0.04	(0.06)	0.01	(0.07)	0.00	(0.16)
	Montenegro	-0.78	(0.06)	<b>0.25</b>	(0.01)	<b>-0.06</b>	(0.00)	<b>0.00</b>	(0.00)	<b>0.02</b>	(0.00)	<b>-0.23</b>	(0.00)	c	c
	Peru	0.18	(0.21)	0.03	(0.04)	0.00	(0.01)	0.00	(0.00)	-0.04	(0.07)	-0.03	(0.06)	-0.11	(0.08)
	Qatar	-0.33	(0.01)	<b>0.05</b>	(0.00)	<b>0.00</b>	(0.00)	<b>0.00</b>	(0.00)	<b>-0.05</b>	(0.00)	<b>-0.13</b>	(0.00)	<b>0.45</b>	(0.00)
	Romania	-0.03	(0.26)	<b>0.47</b>	(0.06)	-0.03	(0.02)	0.00	(0.00)	0.13	(0.08)	<b>-0.16</b>	(0.08)	c	c
	Russian Federation	0.56	(0.25)	<b>0.30</b>	(0.11)	<b>-0.06</b>	(0.02)	<b>0.00</b>	(0.00)	<b>0.25</b>	(0.10)	0.07	(0.06)	c	c
	Serbia	-0.39	(0.36)	<b>0.32</b>	(0.12)	0.02	(0.03)	0.00	(0.00)	0.08	(0.11)	-0.02	(0.08)	c	c
	Shanghai-China	0.40	(0.32)	<b>0.39</b>	(0.07)	-0.01	(0.01)	0.00	(0.00)	c	c	c	c	0.01	(0.12)
	Singapore	0.74	(0.02)	<b>0.34</b>	(0.01)	<b>0.03</b>	(0.01)	<b>0.00</b>	(0.00)	c	c	c	c	c	c
	Chinese Taipei	0.40	(0.30)	<b>0.46</b>	(0.09)	<b>-0.01</b>	(0.00)	0.00	(0.00)	-0.02	(0.12)	-0.03	(0.07)	-0.05	(0.07)
	Thailand	-0.03	(0.18)	0.01	(0.03)	0.00	(0.01)	0.00	(0.00)	<b>0.14</b>	(0.06)	-0.02	(0.05)	-0.07	(0.06)
	Tunisia	-0.15	(0.30)	-0.05	(0.04)	0.04	(0.03)	0.00	(0.00)	0.07	(0.07)	-0.01	(0.05)	c	c
	United Arab Emirates	-0.10	(0.22)	<b>0.15</b>	(0.08)	-0.01	(0.01)	0.00	(0.00)	0.02	(0.07)	0.00	(0.07)	<b>0.20</b>	(0.09)
	Uruguay	-0.03	(0.27)	<b>0.15</b>	(0.07)	0.00	(0.01)	0.00	(0.00)	0.09	(0.09)	-0.07	(0.07)	0.09	(0.20)
Viet Nam	0.24	(0.25)	0.00	(0.05)	-0.02	(0.01)	<b>0.00</b>	(0.00)	0.04	(0.08)	-0.15	(0.10)	-0.08	(0.08)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Regression: School average disciplinary climate = Intercept + variables listed in this table.

\* See notes at the beginning of this Annex.

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[Part 2/2]

## Relationship between disciplinary climate and school features


Table IV.5.13 Results based on students' and school principals' reports

		Regression model estimating the average index of disciplinary climate at the school level <sup>1</sup>										Variance accounted for by this model				
		School receives pressure from parents to achieve high academic standards		Index of quality of physical infrastructure (1 unit increase)		Index of quality of schools' educational resources (1 unit increase)		Index of teacher shortage (1 unit increase)		Socio-economic heterogeneity of school intake (standard deviation of ESCS within school)		Academic heterogeneity of school intake (standard deviation of mathematics performance within school)				
		Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	%	S.E.	
OECD	Australia	-0.01	(0.06)	0.01	(0.02)	-0.02	(0.02)	<b>-0.04</b>	(0.02)	0.06	(0.14)	0.00	(0.00)	15.0	(3.0)	
	Austria	-0.10	(0.08)	0.05	(0.03)	-0.01	(0.04)	-0.03	(0.05)	-0.11	(0.24)	0.00	(0.00)	18.4	(7.2)	
	Belgium	-0.05	(0.06)	0.05	(0.03)	-0.04	(0.03)	-0.03	(0.03)	-0.03	(0.24)	0.00	(0.00)	20.3	(5.6)	
	Canada	0.04	(0.05)	-0.01	(0.02)	0.00	(0.02)	-0.02	(0.02)	0.10	(0.12)	0.00	(0.00)	8.9	(2.8)	
	Chile	-0.01	(0.07)	0.05	(0.03)	-0.06	(0.04)	-0.02	(0.02)	0.13	(0.17)	0.00	(0.00)	8.7	(5.1)	
	Czech Republic	0.02	(0.12)	0.03	(0.05)	-0.02	(0.07)	-0.07	(0.07)	-0.38	(0.27)	0.00	(0.00)	11.2	(5.0)	
	Denmark	-0.03	(0.05)	-0.01	(0.04)	-0.01	(0.04)	0.04	(0.04)	0.38	(0.25)	<b>0.00</b>	(0.00)	25.9	(6.1)	
	Estonia	-0.01	(0.06)	-0.05	(0.03)	<b>0.09</b>	(0.03)	<b>-0.07</b>	(0.04)	-0.22	(0.27)	0.00	(0.00)	6.1	(4.1)	
	Finland	0.02	(0.04)	0.00	(0.02)	0.01	(0.03)	-0.03	(0.04)	0.00	(0.19)	0.00	(0.00)	7.7	(3.8)	
	France	-0.03	(0.06)	0.00	(0.04)	-0.02	(0.03)	-0.07	(0.04)	-0.34	(0.23)	0.00	(0.00)	21.7	(6.0)	
	Germany	-0.03	(0.06)	0.02	(0.04)	0.03	(0.04)	-0.05	(0.04)	0.26	(0.23)	0.00	(0.00)	9.4	(5.2)	
	Greece	0.06	(0.06)	0.00	(0.03)	-0.01	(0.05)	-0.01	(0.04)	-0.24	(0.16)	0.00	(0.00)	20.7	(6.3)	
	Hungary	<b>0.28</b>	(0.09)	0.04	(0.06)	-0.05	(0.06)	-0.02	(0.06)	-0.24	(0.22)	0.00	(0.00)	32.9	(6.6)	
	Iceland	<b>0.25</b>	(0.01)	<b>0.04</b>	(0.01)	<b>-0.03</b>	(0.01)	<b>-0.04</b>	(0.00)	<b>-0.28</b>	(0.03)	0.00	(0.00)	13.8	(0.4)	
	Ireland	-0.02	(0.12)	0.00	(0.04)	0.05	(0.05)	0.05	(0.05)	-0.01	(0.28)	0.00	(0.00)	18.8	(6.5)	
	Israel	-0.02	(0.09)	0.00	(0.04)	-0.01	(0.03)	-0.04	(0.03)	-0.32	(0.25)	0.00	(0.00)	10.6	(5.5)	
	Italy	<b>0.09</b>	(0.04)	0.00	(0.02)	0.00	(0.02)	0.00	(0.02)	0.10	(0.15)	0.00	(0.00)	18.5	(2.5)	
	Japan	<b>0.11</b>	(0.05)	<b>0.07</b>	(0.03)	0.00	(0.03)	0.03	(0.04)	0.19	(0.32)	<b>-0.01</b>	(0.00)	39.3	(5.5)	
	Korea	0.00	(0.07)	<b>0.12</b>	(0.04)	-0.04	(0.05)	0.01	(0.04)	-0.45	(0.32)	<b>-0.01</b>	(0.00)	36.8	(7.7)	
	Luxembourg	<b>-0.12</b>	(0.00)	<b>-0.07</b>	(0.00)	<b>0.09</b>	(0.00)	<b>0.02</b>	(0.00)	<b>-0.83</b>	(0.00)	<b>0.01</b>	(0.00)	35.0	(0.2)	
	Mexico	-0.03	(0.03)	0.02	(0.02)	0.01	(0.01)	<b>0.00</b>	(0.01)	<b>-0.16</b>	(0.07)	0.00	(0.00)	2.9	(1.3)	
	Netherlands	0.13	(0.08)	-0.05	(0.04)	0.00	(0.04)	<b>-0.08</b>	(0.04)	-0.17	(0.29)	0.00	(0.00)	15.5	(6.1)	
	New Zealand	-0.12	(0.09)	0.01	(0.04)	-0.03	(0.04)	-0.03	(0.03)	-0.15	(0.20)	0.00	(0.00)	26.3	(8.6)	
	Norway	-0.03	(0.07)	-0.02	(0.03)	<b>0.10</b>	(0.04)	0.01	(0.04)	<b>-0.49</b>	(0.20)	0.00	(0.00)	16.0	(5.6)	
	Poland	0.00	(0.09)	-0.03	(0.06)	-0.01	(0.05)	-0.03	(0.18)	0.06	(0.34)	0.00	(0.00)	7.8	(5.3)	
	Portugal	-0.03	(0.07)	0.02	(0.04)	<b>0.08</b>	(0.04)	0.01	(0.03)	-0.06	(0.20)	0.00	(0.00)	18.9	(5.9)	
	Slovak Republic	0.01	(0.08)	-0.02	(0.03)	-0.03	(0.04)	0.00	(0.04)	-0.28	(0.19)	0.00	(0.00)	21.3	(5.7)	
Slovenia	<b>-0.05</b>	(0.02)	0.02	(0.01)	<b>0.03</b>	(0.01)	<b>0.05</b>	(0.02)	-0.11	(0.16)	<b>0.00</b>	(0.00)	31.3	(2.5)		
Spain	-0.06	(0.05)	<b>-0.07</b>	(0.02)	<b>0.09</b>	(0.03)	0.00	(0.02)	-0.08	(0.14)	0.00	(0.00)	9.5	(3.1)		
Sweden	-0.06	(0.11)	-0.02	(0.03)	-0.01	(0.04)	-0.04	(0.03)	-0.10	(0.21)	0.00	(0.00)	12.9	(6.2)		
Switzerland	-0.06	(0.04)	-0.02	(0.03)	0.02	(0.03)	0.03	(0.03)	<b>-0.35</b>	(0.16)	0.00	(0.00)	9.3	(4.6)		
Turkey	-0.01	(0.05)	0.03	(0.03)	-0.04	(0.03)	0.01	(0.02)	<b>0.32</b>	(0.15)	0.00	(0.00)	29.9	(6.3)		
United Kingdom	0.04	(0.11)	0.02	(0.03)	-0.04	(0.04)	-0.04	(0.04)	-0.42	(0.29)	0.00	(0.00)	10.8	(5.7)		
United States	-0.03	(0.07)	-0.01	(0.05)	-0.01	(0.03)	-0.04	(0.03)	-0.02	(0.24)	0.00	(0.00)	24.9	(6.5)		
OECD average	0.00	(0.01)	0.01	(0.01)	0.00	(0.01)	<b>-0.02</b>	(0.01)	<b>-0.12</b>	(0.04)	0.00	(0.00)	18.2	(0.9)		
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	<b>0.14</b>	(0.07)	0.01	(0.03)	0.03	(0.04)	-0.04	(0.02)	0.07	(0.18)	0.01	(0.00)	13.8	(6.5)	
	Brazil	<b>0.08</b>	(0.03)	-0.01	(0.02)	-0.03	(0.03)	-0.01	(0.02)	0.03	(0.13)	0.00	(0.00)	7.0	(3.0)	
	Bulgaria	<b>0.10</b>	(0.05)	-0.05	(0.03)	0.01	(0.04)	<b>-0.11</b>	(0.05)	<b>-0.39</b>	(0.17)	0.00	(0.00)	27.5	(7.4)	
	Colombia	-0.04	(0.04)	0.00	(0.03)	0.02	(0.03)	0.02	(0.02)	-0.22	(0.17)	0.00	(0.00)	9.2	(4.5)	
	Costa Rica	-0.07	(0.06)	0.00	(0.03)	-0.02	(0.03)	0.04	(0.03)	0.06	(0.16)	0.00	(0.00)	13.2	(6.5)	
	Croatia	-0.06	(0.07)	0.03	(0.04)	-0.01	(0.06)	-0.02	(0.04)	-0.08	(0.35)	0.00	(0.00)	34.4	(6.7)	
	Cyprus*	<b>0.01</b>	(0.00)	<b>0.01</b>	(0.00)	<b>-0.01</b>	(0.00)	<b>0.00</b>	(0.00)	<b>0.57</b>	(0.02)	<b>0.00</b>	(0.00)	14.4	(0.3)	
	Hong Kong-China	-0.03	(0.05)	0.04	(0.04)	-0.04	(0.04)	0.01	(0.03)	<b>-0.55</b>	(0.23)	<b>-0.01</b>	(0.00)	16.2	(5.9)	
	Indonesia	0.04	(0.06)	-0.04	(0.03)	0.05	(0.03)	0.04	(0.04)	<b>-0.31</b>	(0.13)	-0.01	(0.00)	13.8	(6.5)	
	Jordan	0.02	(0.07)	-0.07	(0.04)	0.00	(0.05)	<b>-0.07</b>	(0.03)	<b>-0.59</b>	(0.26)	0.00	(0.00)	20.3	(8.5)	
	Kazakhstan	0.07	(0.06)	0.03	(0.03)	0.04	(0.04)	0.05	(0.03)	0.16	(0.33)	0.00	(0.00)	17.8	(6.8)	
	Latvia	-0.06	(0.08)	0.01	(0.06)	-0.01	(0.06)	-0.04	(0.06)	-0.23	(0.25)	0.00	(0.00)	9.8	(4.5)	
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	0.05	(0.07)	-0.01	(0.04)	0.09	(0.05)	-0.04	(0.06)	-0.05	(0.24)	0.00	(0.00)	10.2	(3.9)	
	Macao-China	<b>-0.10</b>	(0.00)	<b>0.00</b>	(0.00)	<b>-0.05</b>	(0.00)	<b>-0.04</b>	(0.00)	<b>-1.20</b>	(0.00)	<b>-0.01</b>	(0.00)	45.0	(0.1)	
	Malaysia	0.09	(0.06)	0.04	(0.03)	0.04	(0.03)	<b>0.11</b>	(0.04)	0.23	(0.15)	<b>-0.01</b>	(0.00)	27.5	(7.9)	
	Montenegro	<b>0.14</b>	(0.00)	<b>-0.02</b>	(0.00)	<b>0.04</b>	(0.00)	<b>-0.04</b>	(0.00)	<b>1.11</b>	(0.05)	<b>-0.01</b>	(0.00)	40.2	(0.6)	
	Peru	-0.09	(0.05)	0.02	(0.02)	0.03	(0.03)	0.00	(0.02)	-0.11	(0.12)	0.00	(0.00)	6.4	(4.5)	
	Qatar	<b>0.20</b>	(0.00)	<b>-0.03</b>	(0.00)	<b>-0.02</b>	(0.00)	<b>-0.03</b>	(0.00)	<b>-0.28</b>	(0.01)	0.00	(0.00)	39.8	(0.2)	
	Romania	0.10	(0.07)	0.01	(0.06)	-0.05	(0.05)	<b>0.08</b>	(0.04)	0.04	(0.21)	0.00	(0.00)	26.7	(6.2)	
	Russian Federation	-0.02	(0.08)	-0.01	(0.04)	0.00	(0.05)	-0.02	(0.04)	-0.30	(0.25)	0.00	(0.00)	14.1	(4.8)	
	Serbia	0.01	(0.08)	0.07	(0.04)	-0.01	(0.04)	-0.03	(0.05)	<b>0.75</b>	(0.37)	0.00	(0.00)	19.7	(7.7)	
	Shanghai-China	-0.12	(0.10)	0.04	(0.04)	-0.01	(0.04)	0.04	(0.03)	0.55	(0.31)	0.00	(0.00)	33.7	(7.1)	
	Singapore	<b>0.12</b>	(0.01)	<b>0.01</b>	(0.00)	<b>0.06</b>	(0.00)	<b>-0.02</b>	(0.00)	<b>-0.25</b>	(0.01)	<b>0.00</b>	(0.00)	27.2	(0.3)	
	Chinese Taipei	-0.02	(0.13)	0.00	(0.05)	-0.01	(0.04)	-0.01	(0.04)	0.01	(0.34)	0.00	(0.00)	39.1	(8.6)	
	Thailand	0.10	(0.07)	-0.04	(0.02)	0.02	(0.03)	0.02	(0.02)	-0.06	(0.14)	0.00	(0.00)	15.0	(5.3)	
Tunisia	-0.01	(0.05)	0.03	(0.03)	0.01	(0.03)	0.02	(0.03)	0.02	(0.16)	0.00	(0.00)	13.9	(8.1)		
United Arab Emirates	0.01	(0.05)	-0.02	(0.03)	0.03	(0.02)	-0.02	(0.02)	-0.24	(0.19)	0.00	(0.00)	19.6	(4.3)		
Uruguay	-0.08	(0.05)	0.03	(0.02)	-0.03	(0.03)	-0.04	(0.03)	<b>0.44</b>	(0.20)	<b>0.00</b>	(0.00)	17.8	(4.7)		
Viet Nam	-0.01	(0.08)	0.03	(0.02)	-0.01	(0.03)	0.01	(0.02)	0.15	(0.12)	0.00	(0.00)	15.0	(7.7)		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Regression: School average disciplinary climate = Intercept + variables listed in this table.

\* See notes at the beginning of this Annex.

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[Part 1/1]


**Probability of having skipped a class or a day of school, by students having arrived late for school**Table IV.5.14 *Results based on students' self-reports*

	Logistic regression model estimating student having skipped a class or a day of school in the two weeks prior to the PISA test <sup>1</sup>				Probability of a student to have skipped a class or a day of school at least once in the two weeks prior to the PISA test for a student...	
	Intercept		Student having arrived late for school in the two weeks prior to the PISA test		...who did not arrive late for school in the two weeks prior to the PISA test	...who arrived late for school at least once in the two weeks prior to the PISA test
	Intercept	S.E.	Logistic regression coef.	S.E.	Probability	Probability
<b>OECD</b>						
Australia	-0.80	(0.03)	<b>0.82</b>	(0.04)	0.31	0.51
Austria	-2.01	(0.08)	<b>1.57</b>	(0.12)	0.12	0.39
Belgium	-2.72	(0.06)	<b>1.54</b>	(0.08)	0.06	0.23
Canada	-1.13	(0.03)	<b>1.16</b>	(0.05)	0.24	0.51
Chile	-2.02	(0.07)	<b>1.03</b>	(0.09)	0.12	0.27
Czech Republic	-2.65	(0.09)	<b>1.37</b>	(0.10)	0.07	0.22
Denmark	-1.89	(0.07)	<b>1.25</b>	(0.08)	0.13	0.34
Estonia	-1.12	(0.06)	<b>1.16</b>	(0.07)	0.25	0.51
Finland	-2.14	(0.06)	<b>1.42</b>	(0.06)	0.11	0.33
France	-1.94	(0.07)	<b>1.49</b>	(0.08)	0.13	0.39
Germany	-2.49	(0.08)	<b>1.53</b>	(0.11)	0.08	0.28
Greece	-0.54	(0.05)	<b>0.95</b>	(0.06)	0.37	0.60
Hungary	-2.57	(0.09)	<b>1.73</b>	(0.13)	0.07	0.30
Iceland	-2.76	(0.09)	<b>1.60</b>	(0.11)	0.06	0.24
Ireland	-2.18	(0.08)	<b>1.13</b>	(0.11)	0.10	0.26
Israel	-0.63	(0.06)	<b>0.94</b>	(0.07)	0.35	0.58
Italy	0.15	(0.03)	<b>0.95</b>	(0.04)	0.54	0.75
Japan	-3.72	(0.15)	<b>2.22</b>	(0.13)	0.02	0.18
Korea	-4.24	(0.14)	<b>2.14</b>	(0.16)	0.01	0.11
Luxembourg	-2.63	(0.06)	<b>1.36</b>	(0.10)	0.07	0.22
Mexico	-1.13	(0.03)	<b>1.03</b>	(0.04)	0.24	0.47
Netherlands	-2.59	(0.10)	<b>1.43</b>	(0.11)	0.07	0.24
New Zealand	-1.65	(0.05)	<b>1.24</b>	(0.08)	0.16	0.40
Norway	-2.44	(0.08)	<b>1.68</b>	(0.10)	0.08	0.32
Poland	-1.79	(0.07)	<b>1.59</b>	(0.09)	0.14	0.45
Portugal	-1.21	(0.06)	<b>1.05</b>	(0.06)	0.23	0.46
Slovak Republic	-2.13	(0.07)	<b>1.42</b>	(0.10)	0.11	0.33
Slovenia	-1.67	(0.05)	<b>1.78</b>	(0.07)	0.16	0.53
Spain	-0.63	(0.04)	<b>1.04</b>	(0.05)	0.35	0.60
Sweden	-2.11	(0.08)	<b>1.40</b>	(0.09)	0.11	0.33
Switzerland	-2.44	(0.06)	<b>1.43</b>	(0.09)	0.08	0.27
Turkey	0.22	(0.05)	<b>1.06</b>	(0.07)	0.55	0.78
United Kingdom	-1.44	(0.05)	<b>0.94</b>	(0.06)	0.19	0.38
United States	-1.24	(0.05)	<b>0.86</b>	(0.06)	0.23	0.41
OECD average	-1.83	(0.01)	<b>1.33</b>	(0.02)	0.14	0.38
<b>Partners</b>						
Albania	-1.73	(0.05)	<b>1.49</b>	(0.07)	0.15	0.44
Argentina	0.41	(0.06)	<b>0.59</b>	(0.07)	0.60	0.73
Brazil	-1.11	(0.04)	<b>0.72</b>	(0.05)	0.25	0.40
Bulgaria	-1.35	(0.07)	<b>1.44</b>	(0.07)	0.21	0.52
Colombia	-1.83	(0.06)	<b>0.79</b>	(0.08)	0.14	0.26
Costa Rica	-0.16	(0.06)	<b>0.76</b>	(0.07)	0.46	0.65
Croatia	-1.61	(0.06)	<b>1.70</b>	(0.07)	0.17	0.52
Cyprus*	-0.91	(0.05)	<b>1.14</b>	(0.06)	0.29	0.56
Hong Kong-China	-3.07	(0.08)	<b>1.41</b>	(0.14)	0.04	0.16
Indonesia	-1.21	(0.06)	<b>1.22</b>	(0.09)	0.23	0.50
Jordan	0.13	(0.05)	<b>0.45</b>	(0.07)	0.53	0.64
Kazakhstan	-1.50	(0.06)	<b>1.53</b>	(0.08)	0.18	0.51
Latvia	0.22	(0.06)	<b>0.89</b>	(0.07)	0.56	0.75
Liechtenstein	-3.87	(0.50)	<b>2.38</b>	(0.60)	0.02	0.18
Lithuania	-0.97	(0.06)	<b>1.09</b>	(0.07)	0.28	0.53
Macao-China	-2.84	(0.08)	<b>1.46</b>	(0.10)	0.05	0.20
Malaysia	-0.62	(0.06)	<b>0.92</b>	(0.07)	0.35	0.58
Montenegro	-0.96	(0.04)	<b>1.20</b>	(0.07)	0.28	0.56
Peru	-1.90	(0.08)	<b>0.91</b>	(0.07)	0.13	0.27
Qatar	-1.27	(0.03)	<b>0.85</b>	(0.04)	0.22	0.39
Romania	-0.32	(0.06)	<b>1.46</b>	(0.07)	0.42	0.76
Russian Federation	-1.22	(0.06)	<b>1.43</b>	(0.08)	0.23	0.55
Serbia	-1.56	(0.06)	<b>1.45</b>	(0.07)	0.17	0.47
Shanghai-China	-3.88	(0.14)	<b>1.78</b>	(0.18)	0.02	0.11
Singapore	-1.47	(0.04)	<b>0.95</b>	(0.08)	0.19	0.37
Chinese Taipei	-2.76	(0.09)	<b>1.75</b>	(0.11)	0.06	0.27
Thailand	-1.16	(0.05)	<b>1.23</b>	(0.07)	0.24	0.52
Tunisia	-1.20	(0.07)	<b>1.00</b>	(0.08)	0.23	0.45
United Arab Emirates	-0.24	(0.03)	<b>0.83</b>	(0.05)	0.44	0.64
Uruguay	-1.33	(0.06)	<b>1.03</b>	(0.07)	0.21	0.43
Viet Nam	-2.22	(0.07)	<b>1.43</b>	(0.12)	0.10	0.31

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Logistic regression: SKIP = Intercept + LATE; where SKIP (0=did not skip; and 1=skipped) and LATE (0=did not arrive late; and 1=arrived late).

\* See notes at the beginning of this Annex.

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[Part 1/1]

**Students arriving late for school and student gender and immigrant backgrounds**Table IV.5.15 *Results based on students' self-reports*

		Increased likelihood that:			
		Boys reported having arrived late at least once in the two weeks prior to the PISA test		Students with an immigrant background reported having arrived late at least once in the two weeks prior to the PISA test	
		Ratio	S.E.	Ratio	S.E.
OECD	Australia	<b>0.95</b>	(0.03)	1.04	(0.04)
	Austria	0.98	(0.07)	<b>1.93</b>	(0.16)
	Belgium	1.08	(0.04)	<b>1.65</b>	(0.09)
	Canada	1.04	(0.02)	<b>1.18</b>	(0.04)
	Chile	0.96	(0.03)	<b>1.29</b>	(0.12)
	Czech Republic	<b>1.22</b>	(0.07)	1.28	(0.19)
	Denmark	<b>1.19</b>	(0.05)	<b>1.36</b>	(0.06)
	Estonia	<b>1.20</b>	(0.05)	<b>1.31</b>	(0.07)
	Finland	<b>1.16</b>	(0.03)	<b>1.43</b>	(0.06)
	France	1.08	(0.04)	<b>1.55</b>	(0.10)
	Germany	1.03	(0.06)	<b>1.57</b>	(0.13)
	Greece	0.99	(0.03)	0.99	(0.05)
	Hungary	1.10	(0.08)	0.93	(0.27)
	Iceland	<b>1.25</b>	(0.06)	1.23	(0.14)
	Ireland	<b>1.20</b>	(0.08)	1.14	(0.10)
	Israel	0.95	(0.03)	1.06	(0.05)
	Italy	<b>1.10</b>	(0.03)	<b>1.12</b>	(0.06)
	Japan	<b>1.40</b>	(0.13)	c	c
	Korea	1.06	(0.07)	c	c
	Luxembourg	1.03	(0.04)	<b>1.37</b>	(0.06)
	Mexico	1.00	(0.02)	1.04	(0.08)
	Netherlands	1.06	(0.06)	<b>1.39</b>	(0.13)
	New Zealand	0.94	(0.05)	0.97	(0.05)
	Norway	1.07	(0.05)	<b>1.30</b>	(0.08)
	Poland	<b>1.27</b>	(0.05)	c	c
	Portugal	0.97	(0.03)	<b>1.18</b>	(0.06)
	Slovak Republic	<b>1.19</b>	(0.07)	0.79	(0.30)
	Slovenia	0.98	(0.04)	<b>1.19</b>	(0.08)
	Spain	0.96	(0.02)	<b>1.53</b>	(0.06)
	Sweden	<b>1.10</b>	(0.03)	<b>1.28</b>	(0.04)
	Switzerland	1.01	(0.05)	<b>1.40</b>	(0.09)
	Turkey	<b>1.20</b>	(0.04)	1.14	(0.18)
	United Kingdom	1.02	(0.04)	<b>1.23</b>	(0.08)
	United States	1.06	(0.05)	<b>1.27</b>	(0.09)
OECD average	<b>1.08</b>	(0.01)	<b>1.26</b>	(0.02)	
Partners	Albania	1.03	(0.04)	c	c
	Argentina	0.97	(0.04)	<b>1.25</b>	(0.07)
	Brazil	1.01	(0.03)	<b>1.67</b>	(0.23)
	Bulgaria	1.03	(0.03)	c	c
	Colombia	1.06	(0.04)	c	c
	Costa Rica	0.97	(0.03)	0.96	(0.07)
	Croatia	<b>1.25</b>	(0.05)	<b>1.17</b>	(0.07)
	Cyprus*	<b>1.09</b>	(0.03)	1.03	(0.06)
	Hong Kong-China	1.15	(0.08)	0.95	(0.08)
	Indonesia	<b>1.23</b>	(0.07)	c	c
	Jordan	<b>1.24</b>	(0.06)	1.01	(0.06)
	Kazakhstan	<b>1.21</b>	(0.06)	1.00	(0.07)
	Latvia	1.13	(0.04)	0.96	(0.07)
	Liechtenstein	1.44	(0.37)	1.60	(0.38)
	Lithuania	<b>1.31</b>	(0.05)	<b>1.36</b>	(0.14)
	Macao-China	<b>1.12</b>	(0.05)	0.97	(0.05)
	Malaysia	<b>1.20</b>	(0.06)	<b>1.38</b>	(0.18)
	Montenegro	<b>1.13</b>	(0.04)	1.10	(0.09)
	Peru	1.03	(0.03)	c	c
	Qatar	<b>1.11</b>	(0.03)	<b>0.55</b>	(0.01)
	Romania	<b>1.13</b>	(0.04)	c	c
	Russian Federation	<b>1.13</b>	(0.03)	1.12	(0.07)
	Serbia	<b>1.20</b>	(0.05)	0.99	(0.08)
	Shanghai-China	<b>1.27</b>	(0.09)	1.30	(0.41)
	Singapore	<b>1.18</b>	(0.06)	<b>0.85</b>	(0.06)
	Chinese Taipei	<b>1.28</b>	(0.08)	c	c
	Thailand	<b>1.40</b>	(0.05)	0.68	(0.23)
	Tunisia	<b>1.09</b>	(0.04)	c	c
	United Arab Emirates	<b>1.19</b>	(0.06)	<b>0.61</b>	(0.03)
	Uruguay	0.95	(0.03)	c	c
Viet Nam	<b>1.26</b>	(0.08)	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

\* See notes at the beginning of this Annex.

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[Part 1/2]  
**Relationship between student having arrived late for school and student and school features**  
 Table IV.5.16 *Results based on students' and school principals' reports*

		Logistic regression model estimating student having arrived late for school in the two weeks prior to the PISA test <sup>1</sup>													
		Intercept		PISA index of economic, social and cultural status (ESCS) (1 unit increase)		Student is a female		Student's language at home is the same as the language of assessment		Student without an immigrant background		School average PISA index of economic, social and cultural status (1 unit increase)		School size (per 100 students)	
		Intercept	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.
OECD	Australia	-0.85	(0.10)	<b>-0.13</b>	(0.03)	0.09	(0.05)	0.11	(0.08)	0.02	(0.08)	0.06	(0.09)	-0.01	(0.01)
	Austria	-0.42	(0.23)	<b>0.16</b>	(0.07)	-0.11	(0.11)	-0.21	(0.22)	<b>-0.76</b>	(0.21)	<b>0.55</b>	(0.20)	<b>-0.05</b>	(0.02)
	Belgium	-0.42	(0.11)	0.09	(0.05)	-0.02	(0.06)	-0.04	(0.08)	<b>-0.61</b>	(0.10)	-0.10	(0.12)	-0.01	(0.01)
	Canada	-0.24	(0.11)	<b>-0.11</b>	(0.03)	-0.06	(0.04)	<b>0.19</b>	(0.08)	<b>-0.21</b>	(0.08)	0.11	(0.10)	0.00	(0.01)
	Chile	0.44	(0.49)	-0.02	(0.05)	0.11	(0.07)	-0.11	(0.36)	<b>-0.68</b>	(0.30)	<b>-0.19</b>	(0.07)	<b>-0.03</b>	(0.01)
	Czech Republic	-0.90	(0.28)	0.08	(0.08)	<b>-0.21</b>	(0.09)	0.10	(0.38)	-0.34	(0.39)	<b>-0.51</b>	(0.18)	-0.01	(0.03)
	Denmark	-0.07	(0.17)	-0.01	(0.05)	<b>-0.34</b>	(0.07)	-0.14	(0.16)	<b>-0.30</b>	(0.11)	<b>0.41</b>	(0.15)	<b>-0.05</b>	(0.02)
	Estonia	0.18	(0.20)	-0.08	(0.05)	<b>-0.30</b>	(0.07)	0.06	(0.15)	<b>-0.39</b>	(0.12)	-0.11	(0.16)	0.03	(0.02)
	Finland	0.20	(0.14)	<b>-0.16</b>	(0.04)	<b>-0.24</b>	(0.06)	-0.18	(0.13)	<b>-0.27</b>	(0.13)	-0.03	(0.16)	<b>0.08</b>	(0.03)
	France	-0.20	(0.19)	0.05	(0.06)	-0.12	(0.07)	-0.08	(0.17)	<b>-0.54</b>	(0.17)	-0.13	(0.18)	-0.03	(0.02)
	Germany	-1.03	(0.21)	0.04	(0.06)	-0.05	(0.10)	0.10	(0.19)	<b>-0.53</b>	(0.14)	0.23	(0.17)	-0.02	(0.02)
	Greece	0.16	(0.18)	<b>0.11</b>	(0.04)	0.01	(0.06)	0.00	(0.19)	-0.20	(0.14)	0.23	(0.12)	<b>0.12</b>	(0.04)
	Hungary	-1.66	(0.65)	0.04	(0.06)	0.02	(0.11)	-0.19	(0.47)	0.10	(0.41)	<b>-0.66</b>	(0.16)	-0.04	(0.02)
	Iceland	-0.30	(0.26)	<b>-0.15</b>	(0.05)	<b>-0.42</b>	(0.07)	-0.23	(0.32)	-0.12	(0.35)	0.28	(0.15)	0.05	(0.03)
	Ireland	-0.82	(0.22)	-0.08	(0.05)	<b>-0.26</b>	(0.10)	0.08	(0.23)	-0.15	(0.19)	-0.22	(0.16)	-0.05	(0.03)
	Israel	0.14	(0.18)	-0.08	(0.04)	0.07	(0.08)	-0.07	(0.11)	-0.03	(0.12)	0.10	(0.12)	<b>-0.06</b>	(0.01)
	Italy	-0.40	(0.11)	<b>0.08</b>	(0.02)	<b>-0.11</b>	(0.04)	-0.08	(0.06)	-0.09	(0.11)	<b>-0.35</b>	(0.08)	-0.01	(0.01)
	Japan	0.39	(0.64)	-0.07	(0.07)	<b>-0.37</b>	(0.10)	c	c	c	c	-0.07	(0.30)	-0.02	(0.02)
	Korea	2.12	(0.45)	-0.10	(0.06)	0.00	(0.08)	c	c	c	c	-0.23	(0.17)	-0.02	(0.01)
	Luxembourg	-0.87	(0.08)	0.01	(0.04)	-0.01	(0.07)	0.16	(0.12)	<b>-0.30</b>	(0.08)	0.14	(0.08)	<b>0.03</b>	(0.01)
	Mexico	-0.48	(0.22)	<b>0.06</b>	(0.02)	-0.01	(0.03)	<b>0.24</b>	(0.12)	-0.11	(0.13)	-0.05	(0.05)	-0.01	(0.01)
	Netherlands	-0.33	(0.23)	0.11	(0.07)	-0.09	(0.09)	0.08	(0.25)	<b>-0.69</b>	(0.15)	-0.29	(0.20)	0.01	(0.01)
	New Zealand	-0.56	(0.15)	<b>-0.19</b>	(0.05)	0.06	(0.09)	-0.20	(0.12)	<b>0.30</b>	(0.10)	<b>-0.48</b>	(0.17)	0.00	(0.01)
	Norway	-0.54	(0.17)	<b>-0.15</b>	(0.05)	-0.09	(0.08)	-0.28	(0.19)	-0.05	(0.19)	0.24	(0.20)	0.01	(0.04)
	Poland	0.18	(0.91)	-0.04	(0.04)	<b>-0.48</b>	(0.07)	-0.20	(0.68)	c	c	0.23	(0.16)	0.06	(0.05)
	Portugal	0.49	(0.28)	-0.01	(0.03)	0.05	(0.08)	0.31	(0.27)	<b>-0.41</b>	(0.16)	0.04	(0.10)	0.00	(0.01)
	Slovak Republic	-1.29	(0.66)	-0.03	(0.05)	<b>-0.21</b>	(0.08)	<b>-0.52</b>	(0.17)	c	c	-0.14	(0.17)	0.04	(0.03)
	Slovenia	-0.29	(0.18)	<b>0.10</b>	(0.05)	0.11	(0.07)	-0.13	(0.21)	-0.16	(0.19)	-0.16	(0.12)	0.00	(0.01)
	Spain	0.26	(0.12)	<b>-0.06</b>	(0.02)	0.07	(0.05)	<b>-0.20</b>	(0.09)	<b>-0.62</b>	(0.09)	0.07	(0.08)	-0.02	(0.01)
	Sweden	0.74	(0.15)	<b>-0.11</b>	(0.05)	<b>-0.24</b>	(0.07)	0.10	(0.18)	<b>-0.53</b>	(0.16)	0.02	(0.18)	0.03	(0.03)
	Switzerland	-0.79	(0.12)	0.05	(0.04)	-0.04	(0.08)	<b>-0.18</b>	(0.09)	<b>-0.38</b>	(0.08)	<b>0.63</b>	(0.13)	<b>0.04</b>	(0.01)
	Turkey	-0.02	(0.39)	<b>0.06</b>	(0.03)	<b>-0.28</b>	(0.06)	-0.23	(0.16)	-0.20	(0.33)	<b>-0.20</b>	(0.08)	-0.01	(0.01)
United Kingdom	-0.69	(0.16)	<b>-0.14</b>	(0.05)	-0.09	(0.06)	<b>0.36</b>	(0.16)	<b>-0.42</b>	(0.14)	-0.10	(0.10)	-0.01	(0.01)	
United States	-0.99	(0.17)	<b>-0.17</b>	(0.05)	-0.09	(0.06)	0.23	(0.16)	-0.12	(0.14)	-0.29	(0.16)	-0.01	(0.01)	
OECD average	-0.26	(0.06)	<b>-0.03</b>	(0.01)	<b>-0.11</b>	(0.01)	-0.04	(0.04)	<b>-0.29</b>	(0.04)	-0.03	(0.03)	0.00	(0.00)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Argentina	-0.15	(0.27)	-0.02	(0.04)	0.04	(0.07)	0.31	(0.26)	<b>-0.35</b>	(0.14)	<b>-0.24</b>	(0.12)	0.00	(0.02)
	Brazil	0.19	(0.44)	<b>0.09</b>	(0.03)	-0.01	(0.04)	-0.03	(0.20)	<b>-0.87</b>	(0.29)	-0.05	(0.10)	-0.01	(0.01)
	Bulgaria	0.73	(0.60)	<b>-0.12</b>	(0.04)	0.00	(0.06)	0.02	(0.17)	c	c	-0.07	(0.10)	<b>-0.04</b>	(0.02)
	Colombia	-2.25	(0.96)	0.05	(0.04)	-0.09	(0.07)	-0.28	(0.38)	c	c	<b>-0.26</b>	(0.11)	-0.01	(0.01)
	Costa Rica	0.36	(0.42)	<b>0.12</b>	(0.04)	0.11	(0.07)	0.31	(0.38)	-0.06	(0.18)	0.03	(0.13)	0.01	(0.01)
	Croatia	-0.60	(0.37)	0.07	(0.04)	<b>-0.32</b>	(0.07)	-0.05	(0.34)	-0.13	(0.10)	-0.07	(0.16)	<b>-0.04</b>	(0.02)
	Cyprus*	0.01	(0.14)	-0.06	(0.04)	<b>-0.15</b>	(0.06)	-0.15	(0.11)	0.00	(0.13)	-0.16	(0.10)	0.01	(0.02)
	Hong Kong-China	-1.61	(0.29)	-0.04	(0.07)	-0.16	(0.09)	<b>-0.61</b>	(0.16)	0.15	(0.10)	<b>-0.36</b>	(0.14)	-0.02	(0.02)
	Indonesia	0.24	(0.69)	<b>0.11</b>	(0.05)	<b>-0.31</b>	(0.07)	<b>0.22</b>	(0.10)	c	c	-0.02	(0.12)	<b>-0.05</b>	(0.02)
	Jordan	-0.16	(0.20)	-0.03	(0.04)	<b>-0.27</b>	(0.08)	<b>-0.28</b>	(0.14)	0.04	(0.10)	0.04	(0.11)	0.01	(0.01)
	Kazakhstan	0.26	(0.26)	<b>-0.22</b>	(0.05)	<b>-0.27</b>	(0.08)	<b>-0.42</b>	(0.10)	0.10	(0.10)	-0.09	(0.20)	0.01	(0.01)
	Latvia	0.61	(0.21)	-0.01	(0.05)	<b>-0.32</b>	(0.09)	-0.17	(0.14)	0.13	(0.14)	-0.09	(0.16)	0.01	(0.03)
	Liechtenstein	-0.52	(1.02)	-0.26	(0.20)	-0.38	(0.36)	c	c	-0.39	(0.41)	-1.49	(1.00)	0.14	(0.23)
	Lithuania	0.44	(0.33)	0.02	(0.04)	<b>-0.45</b>	(0.06)	0.05	(0.16)	-0.43	(0.26)	-0.21	(0.18)	0.02	(0.03)
	Macao-China	-1.49	(0.23)	<b>-0.11</b>	(0.04)	-0.04	(0.07)	<b>0.77</b>	(0.13)	0.02	(0.07)	<b>0.54</b>	(0.10)	<b>-0.05</b>	(0.01)
	Malaysia	-0.42	(0.30)	-0.01	(0.04)	<b>-0.26</b>	(0.07)	<b>0.23</b>	(0.10)	-0.47	(0.25)	-0.14	(0.10)	0.00	(0.01)
	Montenegro	-0.36	(0.38)	<b>0.11</b>	(0.04)	<b>-0.16</b>	(0.06)	0.00	(0.32)	-0.16	(0.15)	-0.29	(0.15)	-0.02	(0.01)
	Peru	0.05	(0.53)	0.04	(0.04)	-0.05	(0.07)	-0.18	(0.21)	c	c	<b>-0.25</b>	(0.11)	-0.02	(0.01)
	Qatar	-0.59	(0.10)	0.04	(0.03)	<b>-0.18</b>	(0.05)	-0.08	(0.06)	<b>0.86</b>	(0.06)	0.06	(0.07)	-0.01	(0.01)
	Romania	-0.55	(0.95)	-0.01	(0.04)	<b>-0.19</b>	(0.07)	0.18	(0.25)	c	c	<b>-0.30</b>	(0.12)	-0.01	(0.01)
	Russian Federation	0.07	(0.25)	<b>-0.17</b>	(0.06)	<b>-0.22</b>	(0.06)	0.08	(0.20)	-0.11	(0.11)	0.10	(0.19)	<b>0.06</b>	(0.02)
	Serbia	-0.31	(0.29)	<b>0.15</b>	(0.04)	<b>-0.33</b>	(0.08)	-0.05	(0.22)	0.00	(0.15)	-0.07	(0.16)	-0.03	(0.02)
	Shanghai-China	-1.08	(0.56)	0.06	(0.05)	<b>-0.28</b>	(0.09)	-0.12	(0.33)	-0.10	(0.45)	-0.22	(0.11)	0.00	(0.01)
	Singapore	-1.19	(0.11)	<b>-0.16</b>	(0.05)	<b>-0.22</b>	(0.07)	-0.12	(0.09)	0.12	(0.10)	0.12	(0.13)	<b>-0.05</b>	(0.01)
	Chinese Taipei	-0.71	(0.46)	-0.08	(0.05)	<b>-0.24</b>	(0.08)	0.06	(0.11)	c	c	-0.02	(0.17)	-0.01	(0.01)
	Thailand	-1.47	(0.64)	0.06	(0.04)	<b>-0.38</b>	(0.07)	<b>0.21</b>	(0.09)	0.62	(0.61)	<b>-0.28</b>	(0.09)	-0.01	(0.01)
	Tunisia	-0.07	(0.57)	-0.01	(0.03)	<b>-0.18</b>	(0.08)	0.14	(0.36)	c	c	0.00	(0.08)	0.01	(0.01)
	United Arab Emirates	-1.32	(0.18)	0.00	(0.05)	<b>-0.18</b>	(0.07)	0.12	(0.14)	<b>0.75</b>	(0.07)	0.04	(0.11)	-0.01	(0.01)
	Uruguay	-0.52	(0.46)	0.05	(0.04)	0.12	(0.08)	-0.04	(0.24)	c	c	-0.12	(0.13)	0.01	(0.01)
Viet Nam	-1.28	(1.40)	0.01	(0.04)	<b>-0.16</b>	(0.08)	-0.55	(0.31)	c	c	<b>-0.36</b>	(0.13)	<b>-0.04</b>	(0.01)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Logistic regression: LATE = Intercept + variables listed in this table; where LATE (0=did not arrive late; and 1=arrived late).

\* See notes at the beginning of this Annex.

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[Part 2/2]

**Relationship between student having arrived late for school and student and school features**  
*Results based on students' and school principals' reports*


Table IV.5.16

		Logistic regression model estimating student having arrived late for school in the two weeks prior to the PISA test <sup>1</sup>											
		School size (per 100 students) (squared)		School in a small town or village (15 000 or less people)		School in a city or a large city (100 000 or more people)		School average index of disciplinary climate (1 unit increase)		School average index of teacher-student relations (1 unit increase)		Private school	
		Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.	Logistic regression coef.	S.E.
OECD	Australia	0.00	(0.00)	<b>-0.31</b>	(0.09)	<b>0.24</b>	(0.07)	<b>-0.18</b>	(0.07)	-0.10	(0.08)	-0.11	(0.07)
	Austria	0.00	(0.00)	<b>-0.61</b>	(0.23)	0.23	(0.19)	<b>-0.58</b>	(0.21)	-0.25	(0.19)	-0.17	(0.37)
	Belgium	0.00	(0.00)	0.03	(0.11)	<b>0.49</b>	(0.10)	-0.22	(0.13)	0.24	(0.15)	<b>-0.28</b>	(0.09)
	Canada	0.00	(0.00)	-0.13	(0.10)	<b>0.27</b>	(0.08)	<b>-0.23</b>	(0.08)	<b>-0.39</b>	(0.10)	<b>-0.39</b>	(0.12)
	Chile	<b>0.00</b>	(0.00)	-0.10	(0.14)	0.15	(0.11)	<b>-0.43</b>	(0.13)	0.02	(0.15)	0.01	(0.12)
	Czech Republic	0.00	(0.01)	-0.16	(0.12)	0.23	(0.13)	-0.15	(0.10)	<b>-0.56</b>	(0.17)	0.38	(0.20)
	Denmark	0.00	(0.00)	-0.10	(0.12)	<b>0.39</b>	(0.11)	<b>-0.51</b>	(0.16)	0.10	(0.18)	<b>-0.41</b>	(0.18)
	Estonia	<b>-0.01</b>	(0.00)	-0.18	(0.13)	0.21	(0.12)	-0.08	(0.10)	-0.10	(0.16)	<b>0.86</b>	(0.24)
	Finland	<b>-0.03</b>	(0.01)	-0.14	(0.12)	<b>0.28</b>	(0.09)	<b>-0.49</b>	(0.13)	-0.21	(0.15)	<b>0.48</b>	(0.17)
	France	<b>0.00</b>	(0.00)	<b>-0.37</b>	(0.10)	0.06	(0.14)	<b>-0.34</b>	(0.12)	0.07	(0.14)	<b>-0.34</b>	(0.17)
	Germany	0.00	(0.00)	-0.20	(0.14)	0.27	(0.14)	-0.16	(0.16)	-0.08	(0.16)	-0.11	(0.19)
	Greece	-0.01	(0.00)	<b>-0.22</b>	(0.09)	0.15	(0.09)	<b>-0.43</b>	(0.13)	0.13	(0.11)	c	c
	Hungary	0.00	(0.00)	-0.01	(0.15)	<b>0.67</b>	(0.14)	<b>-0.55</b>	(0.16)	-0.07	(0.24)	0.31	(0.21)
	Iceland	-0.02	(0.01)	<b>0.22</b>	(0.10)	0.16	(0.11)	-0.16	(0.10)	0.00	(0.12)	c	c
	Ireland	0.00	(0.00)	-0.03	(0.15)	<b>0.33</b>	(0.15)	<b>-0.41</b>	(0.14)	0.13	(0.20)	-0.04	(0.11)
	Israel	0.00	(0.00)	-0.21	(0.13)	<b>0.29</b>	(0.10)	-0.01	(0.11)	<b>-0.24</b>	(0.11)	c	c
	Italy	0.00	(0.00)	-0.24	(0.14)	<b>0.12</b>	(0.06)	<b>-0.14</b>	(0.07)	<b>0.28</b>	(0.09)	-0.18	(0.15)
	Japan	0.00	(0.00)	c	c	-0.22	(0.16)	<b>-0.64</b>	(0.19)	-0.14	(0.22)	<b>0.35</b>	(0.15)
	Korea	<b>0.01</b>	(0.00)	-0.50	(0.35)	0.17	(0.22)	<b>-0.80</b>	(0.21)	-0.41	(0.23)	<b>-0.14</b>	(0.11)
	Luxembourg	<b>0.00</b>	(0.00)	-0.08	(0.09)	c	c	-0.21	(0.16)	<b>0.46</b>	(0.20)	-0.20	(0.12)
	Mexico	0.00	(0.00)	-0.04	(0.08)	<b>0.22</b>	(0.06)	<b>-0.21</b>	(0.06)	<b>-0.25</b>	(0.08)	-0.02	(0.17)
	Netherlands	0.00	(0.00)	-0.13	(0.16)	0.01	(0.13)	<b>-0.49</b>	(0.18)	-0.40	(0.21)	-0.15	(0.11)
	New Zealand	0.00	(0.00)	<b>-0.39</b>	(0.17)	0.17	(0.13)	-0.18	(0.13)	0.09	(0.17)	-0.26	(0.26)
	Norway	-0.01	(0.02)	-0.25	(0.14)	0.20	(0.12)	-0.17	(0.12)	-0.01	(0.18)	c	c
	Poland	-0.01	(0.01)	<b>-0.40</b>	(0.15)	0.26	(0.18)	<b>-0.31</b>	(0.11)	<b>-0.36</b>	(0.15)	0.27	(0.26)
	Portugal	0.00	(0.00)	0.03	(0.11)	0.03	(0.12)	-0.05	(0.17)	<b>-0.50</b>	(0.19)	-0.13	(0.16)
	Slovak Republic	0.00	(0.01)	-0.25	(0.15)	0.10	(0.19)	<b>-0.51</b>	(0.12)	-0.17	(0.16)	0.19	(0.17)
	Slovenia	0.00	(0.00)	-0.10	(0.11)	0.18	(0.10)	<b>-0.34</b>	(0.07)	<b>-0.27</b>	(0.11)	-0.08	(0.24)
	Spain	0.00	(0.00)	<b>-0.30</b>	(0.10)	-0.11	(0.07)	-0.06	(0.10)	<b>-0.20</b>	(0.09)	<b>-0.24</b>	(0.09)
	Sweden	0.00	(0.00)	<b>-0.30</b>	(0.11)	0.16	(0.12)	-0.21	(0.15)	-0.16	(0.15)	0.07	(0.17)
	Switzerland	<b>0.00</b>	(0.00)	0.02	(0.10)	<b>0.44</b>	(0.15)	<b>-0.37</b>	(0.14)	<b>-0.49</b>	(0.12)	-0.41	(0.26)
	Turkey	0.00	(0.00)	-0.05	(0.14)	0.16	(0.09)	-0.27	(0.14)	<b>0.25</b>	(0.12)	c	c
	United Kingdom	<b>0.00</b>	(0.00)	-0.08	(0.10)	0.03	(0.10)	-0.06	(0.11)	-0.19	(0.14)	0.05	(0.08)
United States	0.00	(0.00)	-0.21	(0.17)	<b>0.34</b>	(0.14)	-0.38	(0.20)	-0.08	(0.23)	-0.32	(0.33)	
OECD average	<b>0.00</b>	(0.00)	<b>-0.18</b>	(0.02)	<b>0.20</b>	(0.02)	<b>-0.30</b>	(0.02)	<b>-0.11</b>	(0.03)	-0.03	(0.04)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina	0.00	(0.00)	-0.31	(0.19)	-0.01	(0.14)	-0.17	(0.15)	-0.25	(0.17)	<b>-0.36</b>	(0.15)
	Brazil	0.00	(0.00)	-0.07	(0.11)	0.05	(0.11)	-0.16	(0.10)	-0.05	(0.10)	0.17	(0.21)
	Bulgaria	<b>0.01</b>	(0.00)	-0.17	(0.14)	0.14	(0.09)	<b>-0.35</b>	(0.13)	0.07	(0.14)	c	c
	Colombia	0.00	(0.00)	-0.14	(0.19)	<b>0.31</b>	(0.16)	<b>-0.55</b>	(0.18)	-0.25	(0.20)	0.13	(0.15)
	Costa Rica	0.00	(0.00)	0.17	(0.12)	0.19	(0.19)	<b>-0.32</b>	(0.15)	<b>-0.45</b>	(0.19)	<b>-0.78</b>	(0.24)
	Croatia	0.01	(0.01)	<b>-0.36</b>	(0.14)	<b>0.45</b>	(0.12)	<b>-0.46</b>	(0.12)	-0.17	(0.16)	c	c
	Cyprus*	0.01	(0.01)	<b>-0.29</b>	(0.08)	<b>0.17</b>	(0.08)	<b>-0.45</b>	(0.12)	<b>-0.26</b>	(0.11)	<b>-0.49</b>	(0.14)
	Hong Kong-China	<b>0.01</b>	(0.00)	c	c	c	c	<b>-0.41</b>	(0.17)	-0.11	(0.25)	0.07	(0.23)
	Indonesia	0.00	(0.00)	-0.06	(0.19)	0.13	(0.28)	-0.29	(0.16)	0.14	(0.23)	-0.16	(0.13)
	Jordan	0.00	(0.00)	<b>-0.28</b>	(0.13)	0.05	(0.11)	<b>-0.30</b>	(0.11)	-0.06	(0.13)	-0.17	(0.12)
	Kazakhstan	0.00	(0.00)	-0.11	(0.22)	0.07	(0.19)	<b>-0.55</b>	(0.21)	<b>-0.70</b>	(0.20)	0.30	(0.26)
	Latvia	0.00	(0.00)	<b>-0.28</b>	(0.14)	-0.08	(0.13)	<b>-0.46</b>	(0.10)	0.08	(0.18)	c	c
	Liechtenstein	0.04	(0.10)	c	c	c	c	-1.45	(0.86)	0.36	(0.39)	c	c
	Lithuania	<b>-0.02</b>	(0.01)	-0.03	(0.13)	<b>0.40</b>	(0.11)	<b>-0.43</b>	(0.10)	-0.12	(0.11)	c	c
	Macao-China	<b>0.00</b>	(0.00)	c	c	c	c	<b>-1.28</b>	(0.19)	-0.11	(0.19)	c	c
	Malaysia	0.00	(0.00)	0.02	(0.12)	-0.04	(0.11)	-0.30	(0.17)	0.29	(0.22)	-0.57	(0.29)
	Montenegro	0.00	(0.00)	-0.13	(0.08)	<b>0.47</b>	(0.10)	-0.25	(0.17)	-0.10	(0.18)	c	c
	Peru	0.00	(0.00)	<b>-0.30</b>	(0.12)	0.16	(0.13)	-0.29	(0.16)	-0.02	(0.13)	0.23	(0.17)
	Qatar	<b>0.00</b>	(0.00)	<b>-0.22</b>	(0.07)	<b>-0.26</b>	(0.07)	-0.05	(0.06)	-0.16	(0.08)	0.11	(0.07)
	Romania	0.00	(0.00)	-0.13	(0.12)	<b>0.46</b>	(0.13)	-0.06	(0.11)	0.12	(0.16)	c	c
	Russian Federation	0.00	(0.00)	0.29	(0.17)	0.10	(0.12)	<b>-0.47</b>	(0.14)	<b>-0.34</b>	(0.17)	c	c
	Serbia	0.00	(0.00)	-0.25	(0.17)	<b>0.36</b>	(0.13)	<b>-0.48</b>	(0.14)	-0.14	(0.19)	c	c
	Shanghai-China	0.00	(0.00)	c	c	c	c	<b>-0.68</b>	(0.17)	0.21	(0.23)	0.10	(0.18)
	Singapore	0.00	(0.00)	c	c	c	c	<b>-0.54</b>	(0.10)	-0.23	(0.14)	c	c
	Chinese Taipei	0.00	(0.00)	-0.08	(0.25)	0.08	(0.14)	<b>-0.51</b>	(0.19)	-0.31	(0.19)	<b>-0.25</b>	(0.12)
	Thailand	0.00	(0.00)	-0.17	(0.14)	0.19	(0.14)	<b>-1.17</b>	(0.21)	-0.12	(0.19)	<b>0.34</b>	(0.14)
	Tunisia	0.00	(0.00)	-0.04	(0.11)	0.15	(0.10)	-0.26	(0.16)	-0.21	(0.15)	c	c
	United Arab Emirates	0.00	(0.00)	-0.10	(0.11)	0.05	(0.12)	<b>-0.31</b>	(0.09)	-0.10	(0.13)	<b>0.41</b>	(0.12)
Uruguay	0.00	(0.00)	-0.01	(0.11)	-0.03	(0.11)	<b>-0.34</b>	(0.16)	-0.18	(0.13)	-0.06	(0.28)	
Viet Nam	<b>0.00</b>	(0.00)	0.00	(0.27)	0.21	(0.30)	<b>-0.74</b>	(0.32)	-0.07	(0.24)	<b>0.53</b>	(0.19)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Logistic regression: LATE = Intercept + variables listed in this table; where LATE (0=did not arrive late; and 1=arrived late).

\* See notes at the beginning of this Annex.

StatLink  <http://dx.doi.org/10.1787/888932957517>



[Part 1/3]  
Change between 2003 and 2012 in teacher-student relations


Table IV.5.17 Results based on students' self-reports

	PISA 2003											
	Index of teacher-student relations		Percentage of students reporting that they agree or strongly agree with the following statements:									
			Students get along well with most teachers		Most teachers are interested in my well-being		Most of my teachers really listen to what I have to say		If I need extra help, I will receive it from my teachers		Most of my teachers treat me fairly	
Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>												
Australia	-0.17	(0.01)	78.0	(0.6)	81.8	(0.5)	71.9	(0.6)	86.6	(0.5)	86.3	(0.4)
Austria	-0.32	(0.02)	72.7	(1.1)	63.9	(1.0)	57.8	(1.1)	67.1	(1.0)	77.6	(0.8)
Belgium	-0.40	(0.01)	68.7	(0.7)	68.6	(0.7)	65.6	(0.7)	80.8	(0.5)	75.7	(0.6)
Canada	-0.16	(0.01)	73.5	(0.5)	78.0	(0.4)	72.5	(0.4)	90.2	(0.3)	84.3	(0.4)
Czech Republic	-0.51	(0.02)	63.7	(1.0)	65.8	(0.9)	55.8	(1.0)	77.7	(0.7)	73.7	(0.7)
Denmark	-0.11	(0.02)	77.7	(0.9)	79.6	(0.7)	71.3	(1.0)	82.0	(0.6)	90.4	(0.5)
Finland	-0.38	(0.02)	72.8	(0.9)	64.3	(0.9)	64.2	(0.8)	85.9	(0.6)	80.9	(0.7)
France	-0.45	(0.02)	62.1	(1.1)	65.6	(1.0)	66.0	(1.0)	81.0	(0.7)	65.6	(0.8)
Germany	-0.38	(0.02)	65.5	(0.9)	59.7	(1.1)	58.0	(0.9)	67.2	(0.9)	75.1	(0.7)
Greece	-0.44	(0.03)	68.2	(1.2)	60.3	(1.2)	66.3	(1.0)	68.0	(1.3)	70.6	(0.9)
Hungary	-0.46	(0.02)	63.2	(1.2)	59.2	(1.0)	74.5	(0.9)	71.8	(0.9)	68.1	(1.0)
Iceland	-0.34	(0.02)	70.2	(0.7)	69.5	(0.7)	65.3	(0.8)	76.8	(0.7)	76.1	(0.7)
Ireland	-0.36	(0.02)	71.6	(1.0)	78.2	(0.9)	59.9	(0.9)	76.8	(0.9)	82.0	(0.7)
Italy	-0.61	(0.02)	59.4	(0.9)	65.2	(0.9)	59.2	(0.9)	58.2	(1.0)	64.7	(0.8)
Japan	-0.71	(0.02)	64.0	(1.1)	44.9	(1.0)	53.7	(1.0)	57.5	(0.8)	67.0	(0.8)
Korea	-0.42	(0.02)	84.4	(0.7)	65.0	(0.9)	54.8	(0.9)	85.3	(0.6)	69.9	(0.7)
Luxembourg	-0.69	(0.02)	56.3	(0.8)	52.5	(0.9)	50.1	(0.8)	53.4	(0.7)	66.9	(0.7)
Mexico	0.12	(0.02)	85.2	(0.6)	85.3	(0.6)	76.9	(0.7)	79.8	(0.8)	83.9	(0.6)
Netherlands	-0.41	(0.02)	69.9	(1.2)	67.6	(1.0)	64.2	(1.2)	84.0	(0.9)	84.2	(0.8)
New Zealand	-0.26	(0.02)	71.9	(0.7)	78.5	(0.7)	67.7	(0.9)	85.0	(0.6)	84.3	(0.6)
Norway	-0.43	(0.02)	74.5	(1.0)	66.5	(1.1)	55.4	(1.0)	75.3	(0.8)	73.9	(0.9)
Poland	-0.60	(0.02)	66.7	(1.0)	47.4	(1.0)	61.8	(1.1)	67.8	(1.1)	68.6	(0.9)
Portugal	-0.14	(0.02)	83.5	(0.8)	80.4	(0.8)	76.4	(0.8)	84.4	(0.7)	84.0	(0.6)
Slovak Republic	-0.57	(0.02)	64.6	(1.0)	47.3	(1.0)	62.0	(1.1)	66.7	(0.8)	76.2	(0.9)
Spain	-0.46	(0.02)	62.5	(1.0)	69.9	(0.8)	65.8	(0.8)	65.4	(0.9)	75.0	(0.7)
Sweden	-0.17	(0.02)	80.5	(0.8)	78.3	(0.7)	71.9	(0.9)	81.1	(0.7)	83.3	(0.6)
Switzerland	-0.08	(0.02)	69.7	(1.1)	74.3	(0.9)	70.2	(0.9)	82.2	(0.6)	81.7	(0.6)
Turkey	-0.19	(0.03)	79.7	(1.1)	60.3	(1.2)	74.0	(0.9)	74.7	(0.8)	66.4	(0.9)
United States	-0.18	(0.02)	71.0	(0.8)	75.3	(0.7)	69.8	(0.8)	88.4	(0.5)	87.2	(0.5)
<b>OECD average 2003</b>	<b>-0.35</b>	<b>(0.00)</b>	<b>70.8</b>	<b>(0.2)</b>	<b>67.4</b>	<b>(0.2)</b>	<b>64.9</b>	<b>(0.2)</b>	<b>75.9</b>	<b>(0.1)</b>	<b>76.7</b>	<b>(0.1)</b>
<b>Partners</b>												
Brazil	0.16	(0.02)	79.6	(0.8)	82.3	(0.8)	79.2	(0.7)	88.1	(0.6)	85.2	(0.6)
Hong Kong-China	-0.30	(0.02)	84.4	(1.0)	65.3	(1.1)	66.2	(1.0)	82.6	(0.7)	75.4	(0.8)
Indonesia	0.22	(0.01)	91.3	(0.5)	93.2	(0.4)	71.6	(0.8)	94.2	(0.4)	91.1	(0.6)
Latvia	-0.33	(0.02)	74.1	(1.0)	76.2	(1.4)	69.7	(1.1)	71.2	(1.0)	78.7	(0.7)
Liechtenstein	-0.33	(0.04)	66.0	(2.4)	65.9	(2.5)	60.4	(2.1)	71.7	(2.5)	78.7	(2.3)
Macao-China	-0.43	(0.03)	80.6	(1.3)	57.7	(1.7)	57.9	(1.7)	75.2	(1.3)	72.6	(1.5)
Russian Federation	-0.36	(0.02)	76.3	(0.8)	58.6	(1.1)	73.6	(0.8)	61.3	(1.4)	77.3	(0.8)
Thailand	0.12	(0.02)	93.5	(0.4)	91.1	(0.5)	83.6	(0.7)	85.6	(0.6)	91.3	(0.5)
Tunisia	-0.05	(0.03)	63.8	(1.0)	59.8	(1.0)	78.1	(0.8)	77.6	(0.9)	75.1	(0.8)
Uruguay	-0.12	(0.02)	81.1	(0.9)	77.2	(1.2)	77.7	(0.7)	76.9	(0.8)	76.5	(0.7)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of teacher-student relations have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

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[Part 2/3]  
**Change between 2003 and 2012 in teacher-student relations**


Table IV.5.17 *Results based on students' self-reports*

	PISA 2012											
	Index of teacher-student relations		Percentage of students reporting that they agree or strongly agree with the following statements:									
			Students get along well with most teachers		Most teachers are interested in my well-being		Most of my teachers really listen to what I have to say		If I need extra help, I will receive it from my teachers		Most of my teachers treat me fairly	
Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>												
Australia	0.15	(0.01)	84.1	(0.4)	87.3	(0.4)	79.5	(0.4)	89.5	(0.3)	86.8	(0.4)
Austria	-0.14	(0.03)	81.1	(1.0)	70.2	(1.1)	61.5	(1.1)	63.8	(1.2)	80.2	(1.1)
Belgium	-0.11	(0.02)	79.8	(0.6)	77.4	(0.7)	74.1	(0.7)	85.1	(0.6)	79.1	(0.6)
Canada	0.28	(0.01)	85.5	(0.5)	86.1	(0.4)	80.7	(0.5)	91.8	(0.3)	89.8	(0.4)
Czech Republic	-0.16	(0.03)	80.8	(1.1)	72.0	(1.2)	68.4	(1.1)	87.4	(0.8)	78.9	(1.1)
Denmark	0.15	(0.02)	88.7	(0.6)	85.3	(0.7)	80.1	(0.8)	84.6	(0.7)	87.4	(0.7)
Finland	-0.09	(0.02)	79.6	(0.9)	73.0	(0.8)	73.8	(0.8)	88.6	(0.7)	83.4	(0.6)
France	-0.17	(0.02)	78.0	(0.7)	70.7	(1.0)	72.2	(0.9)	81.9	(0.7)	69.1	(1.0)
Germany	-0.22	(0.02)	76.3	(1.0)	66.9	(1.1)	66.6	(1.0)	66.3	(1.1)	75.6	(0.8)
Greece	-0.13	(0.02)	74.1	(1.0)	76.5	(0.9)	70.2	(0.9)	74.0	(0.9)	73.3	(0.9)
Hungary	-0.02	(0.02)	83.4	(0.8)	73.0	(0.9)	82.7	(0.8)	76.8	(0.9)	76.7	(0.8)
Iceland	0.21	(0.02)	84.1	(0.7)	85.1	(0.8)	82.0	(0.8)	87.4	(0.7)	84.4	(0.8)
Ireland	0.03	(0.02)	82.2	(0.9)	83.9	(0.8)	73.3	(0.9)	83.8	(0.9)	86.7	(0.6)
Italy	-0.16	(0.01)	74.9	(0.5)	71.4	(0.5)	69.5	(0.5)	70.7	(0.5)	81.4	(0.4)
Japan	-0.17	(0.02)	79.9	(0.8)	58.8	(1.0)	73.0	(0.9)	81.5	(0.7)	79.3	(0.8)
Korea	-0.12	(0.03)	89.9	(0.8)	71.9	(1.0)	68.8	(1.0)	89.0	(0.7)	79.8	(0.8)
Luxembourg	-0.05	(0.02)	85.8	(0.6)	66.2	(0.8)	70.0	(0.8)	72.6	(0.9)	78.0	(0.8)
Mexico	0.47	(0.01)	90.8	(0.3)	89.6	(0.3)	83.9	(0.4)	85.0	(0.4)	88.7	(0.3)
Netherlands	-0.15	(0.02)	83.5	(0.9)	78.3	(0.8)	74.1	(0.9)	82.8	(1.1)	85.5	(0.9)
New Zealand	0.11	(0.02)	84.1	(0.9)	85.1	(0.8)	78.1	(0.9)	88.5	(0.7)	87.6	(0.7)
Norway	-0.14	(0.02)	81.6	(0.8)	74.8	(1.0)	67.2	(1.0)	80.6	(0.9)	77.0	(0.8)
Poland	-0.42	(0.02)	74.1	(1.0)	53.8	(1.1)	62.5	(1.1)	75.5	(1.0)	66.0	(1.0)
Portugal	0.32	(0.02)	90.9	(0.6)	91.6	(0.6)	85.3	(0.7)	91.5	(0.6)	83.7	(0.7)
Slovak Republic	-0.18	(0.02)	76.9	(1.2)	77.6	(1.0)	73.6	(1.0)	75.2	(1.0)	76.7	(1.0)
Spain	0.00	(0.02)	78.4	(0.7)	78.9	(0.6)	73.7	(0.5)	76.3	(0.7)	81.3	(0.5)
Sweden	0.08	(0.03)	84.6	(0.9)	81.5	(0.8)	76.6	(1.1)	83.0	(0.9)	83.1	(0.9)
Switzerland	0.11	(0.02)	81.9	(0.8)	78.3	(0.8)	75.7	(0.7)	84.4	(0.7)	82.5	(0.8)
Turkey	0.19	(0.02)	88.4	(0.6)	75.4	(0.9)	84.0	(0.7)	76.8	(0.9)	71.9	(0.9)
United States	0.21	(0.03)	82.6	(0.8)	86.1	(0.8)	78.3	(1.0)	89.9	(0.6)	89.7	(0.6)
<b>OECD average 2003</b>	<b>0.00</b>	<b>(0.00)</b>	<b>82.3</b>	<b>(0.1)</b>	<b>76.8</b>	<b>(0.2)</b>	<b>74.5</b>	<b>(0.2)</b>	<b>81.5</b>	<b>(0.1)</b>	<b>80.8</b>	<b>(0.1)</b>
<b>Partners</b>												
Brazil	0.25	(0.02)	84.0	(0.7)	81.8	(0.5)	75.8	(0.6)	85.6	(0.4)	85.5	(0.5)
Hong Kong-China	0.03	(0.02)	92.4	(0.5)	78.9	(0.9)	70.5	(1.1)	91.3	(0.6)	82.7	(0.8)
Indonesia	0.42	(0.02)	94.5	(0.5)	94.4	(0.5)	78.1	(0.7)	93.4	(0.5)	88.1	(0.7)
Latvia	0.16	(0.02)	83.9	(0.8)	91.8	(0.6)	74.6	(1.1)	89.9	(0.8)	85.3	(0.8)
Liechtenstein	0.05	(0.07)	81.5	(2.8)	74.4	(3.0)	70.6	(3.2)	78.7	(3.0)	83.7	(2.7)
Macao-China	-0.04	(0.02)	91.4	(0.5)	81.9	(0.7)	65.9	(0.8)	86.5	(0.6)	74.8	(0.9)
Russian Federation	0.14	(0.03)	87.8	(0.7)	66.1	(0.9)	80.3	(0.9)	86.4	(0.9)	83.2	(0.9)
Thailand	0.30	(0.02)	90.2	(0.5)	89.1	(0.6)	86.6	(0.6)	90.4	(0.5)	86.6	(0.6)
Tunisia	-0.02	(0.03)	78.1	(0.9)	64.2	(1.1)	71.9	(1.1)	73.8	(0.8)	71.7	(0.9)
Uruguay	0.19	(0.03)	87.4	(0.8)	83.8	(0.8)	80.1	(0.8)	83.4	(0.8)	75.5	(0.8)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *index of teacher-student relations* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

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[Part 3/3]  
Change between 2003 and 2012 in teacher-student relations


Table IV.5.17 Results based on students' self-reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Index of teacher-student relations		Percentage of students reporting that they agree or strongly agree with the following statements:									
				Students get along well with most teachers		Most teachers are interested in my well-being		Most of my teachers really listen to what I have to say		If I need extra help, I will receive it from my teachers		Most of my teachers treat me fairly	
		Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	0.32	(0.02)	<b>6.1</b>	(0.7)	5.5	(0.6)	7.6	(0.8)	2.9	(0.6)	0.5	(0.6)
	Austria	0.18	(0.04)	<b>8.3</b>	(1.5)	6.3	(1.5)	3.7	(1.6)	-3.3	(1.6)	2.6	(1.3)
	Belgium	0.29	(0.02)	<b>11.1</b>	(1.0)	8.7	(0.9)	8.5	(1.0)	4.3	(0.8)	3.4	(0.9)
	Canada	0.44	(0.02)	<b>12.0</b>	(0.7)	8.0	(0.6)	8.2	(0.7)	1.6	(0.4)	5.5	(0.6)
	Czech Republic	0.34	(0.03)	<b>17.1</b>	(1.5)	6.2	(1.5)	12.6	(1.5)	9.7	(1.1)	5.2	(1.4)
	Denmark	0.26	(0.03)	<b>11.0</b>	(1.1)	5.7	(1.0)	8.8	(1.3)	2.6	(0.9)	-3.0	(0.9)
	Finland	0.28	(0.02)	<b>6.8</b>	(1.3)	8.8	(1.2)	9.7	(1.2)	2.7	(0.9)	2.5	(0.9)
	France	0.28	(0.03)	<b>15.9</b>	(1.3)	5.1	(1.4)	6.3	(1.4)	0.9	(1.0)	3.5	(1.3)
	Germany	0.16	(0.03)	<b>10.8</b>	(1.3)	7.2	(1.5)	8.6	(1.3)	-0.9	(1.4)	0.5	(1.1)
	Greece	0.31	(0.04)	5.8	(1.5)	16.2	(1.5)	3.9	(1.4)	6.0	(1.6)	2.6	(1.3)
	Hungary	0.44	(0.03)	<b>20.3</b>	(1.4)	13.8	(1.4)	8.3	(1.2)	5.0	(1.3)	8.5	(1.3)
	Iceland	0.55	(0.03)	<b>13.9</b>	(1.0)	15.5	(1.1)	16.7	(1.1)	10.5	(1.0)	8.4	(1.1)
	Ireland	0.39	(0.03)	<b>10.6</b>	(1.3)	5.7	(1.2)	13.4	(1.3)	7.0	(1.2)	4.7	(0.9)
	Italy	0.45	(0.02)	15.5	(1.1)	6.2	(1.0)	10.3	(1.0)	12.4	(1.1)	16.8	(0.9)
	Japan	0.54	(0.03)	<b>16.0</b>	(1.3)	13.9	(1.5)	19.3	(1.3)	24.0	(1.1)	12.4	(1.2)
	Korea	0.30	(0.03)	5.5	(1.1)	7.0	(1.4)	14.0	(1.3)	3.7	(0.9)	10.0	(1.1)
	Luxembourg	0.64	(0.03)	<b>29.5</b>	(1.0)	13.6	(1.2)	19.9	(1.2)	19.2	(1.2)	11.1	(1.0)
	Mexico	0.35	(0.02)	5.6	(0.6)	4.3	(0.7)	7.0	(0.8)	5.2	(0.9)	4.7	(0.7)
	Netherlands	0.26	(0.03)	<b>13.7</b>	(1.5)	10.8	(1.3)	9.9	(1.5)	-1.2	(1.4)	1.2	(1.2)
	New Zealand	0.36	(0.03)	<b>12.2</b>	(1.2)	6.6	(1.1)	10.4	(1.3)	3.5	(0.9)	3.2	(0.9)
Norway	0.29	(0.03)	7.1	(1.3)	8.3	(1.5)	11.9	(1.4)	5.3	(1.2)	3.0	(1.2)	
Poland	0.18	(0.03)	7.4	(1.4)	6.4	(1.5)	0.7	(1.5)	7.7	(1.5)	-2.6	(1.3)	
Portugal	0.46	(0.03)	7.5	(1.0)	11.1	(1.0)	8.9	(1.1)	7.1	(1.0)	-0.3	(0.9)	
Slovak Republic	0.39	(0.03)	<b>12.3</b>	(1.6)	30.3	(1.4)	11.6	(1.5)	8.5	(1.3)	0.5	(1.3)	
Spain	0.46	(0.02)	<b>16.0</b>	(1.2)	9.0	(1.0)	7.9	(1.0)	10.8	(1.1)	6.2	(0.9)	
Sweden	0.25	(0.03)	4.1	(1.2)	3.3	(1.0)	4.7	(1.4)	1.9	(1.1)	-0.2	(1.1)	
Switzerland	0.19	(0.03)	<b>12.2</b>	(1.4)	4.1	(1.2)	5.5	(1.1)	2.2	(0.9)	0.9	(1.0)	
Turkey	0.38	(0.03)	8.7	(1.2)	15.1	(1.5)	10.0	(1.1)	2.1	(1.2)	5.4	(1.2)	
United States	0.38	(0.03)	<b>11.6</b>	(1.2)	10.9	(1.1)	8.5	(1.2)	1.4	(0.8)	2.5	(0.8)	
OECD average 2003	0.35	(0.01)	<b>11.5</b>	(0.2)	9.4	(0.2)	9.5	(0.2)	5.6	(0.2)	4.1	(0.2)	
Partners	Brazil	0.08	(0.03)	4.4	(1.0)	-0.5	(0.9)	-3.4	(0.9)	-2.5	(0.7)	0.3	(0.8)
	Hong Kong-China	0.33	(0.03)	8.0	(1.1)	13.7	(1.5)	4.3	(1.5)	8.7	(1.0)	7.2	(1.1)
	Indonesia	0.21	(0.02)	3.2	(0.7)	1.2	(0.6)	6.5	(1.0)	-0.8	(0.6)	-3.0	(0.9)
	Latvia	0.49	(0.03)	9.8	(1.3)	15.6	(1.5)	4.9	(1.5)	18.7	(1.3)	6.6	(1.0)
	Liechtenstein	0.38	(0.08)	15.6	(3.7)	8.5	(3.9)	10.2	(3.8)	6.9	(3.9)	5.0	(3.5)
	Macao-China	0.38	(0.03)	10.8	(1.4)	24.2	(1.8)	8.0	(1.9)	11.3	(1.4)	2.2	(1.7)
	Russian Federation	0.50	(0.04)	11.5	(1.0)	7.5	(1.4)	6.7	(1.2)	25.1	(1.6)	5.9	(1.2)
	Thailand	0.17	(0.03)	-3.3	(0.7)	-1.9	(0.8)	3.0	(0.9)	4.8	(0.8)	-4.7	(0.8)
	Tunisia	0.03	(0.04)	14.3	(1.3)	4.3	(1.5)	-6.2	(1.3)	-3.8	(1.2)	-3.3	(1.2)
	Uruguay	0.31	(0.03)	6.3	(1.2)	6.6	(1.4)	2.4	(1.1)	6.5	(1.2)	-1.0	(1.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of teacher-student relations have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

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[Part 1/3]  
**Change between 2003 and 2012 in disciplinary climate**  
 Results based on students' self-reports


Table IV.5.18

	PISA 2003												
	Index of disciplinary climate		Percentage of students reporting that the following phenomena occur "never or hardly ever" or "some lessons" in their mathematics lessons										
			Students don't listen to what the teacher says		There is noise and disorder		The teacher has to wait a long time for students to quiet down		Students cannot work well		Student don't start working for a long time after the lessons begins		
	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	Australia	-0.16	(0.02)	66.5	(0.7)	58.2	(0.8)	68.1	(0.7)	80.3	(0.7)	73.3	(0.6)
	Austria	0.03	(0.03)	69.1	(1.0)	72.8	(1.1)	67.0	(1.2)	73.3	(1.0)	69.6	(0.9)
	Belgium	-0.12	(0.02)	72.4	(0.7)	62.6	(0.9)	65.9	(0.8)	80.6	(0.6)	66.9	(0.8)
	Canada	-0.14	(0.01)	71.1	(0.5)	61.2	(0.7)	72.2	(0.6)	82.3	(0.4)	69.0	(0.6)
	Czech Republic	-0.17	(0.03)	64.0	(1.2)	66.3	(1.4)	66.4	(1.4)	75.3	(0.9)	75.1	(1.0)
	Denmark	-0.22	(0.02)	67.9	(0.9)	56.8	(1.3)	72.4	(1.2)	80.3	(0.9)	73.1	(0.9)
	Finland	-0.28	(0.02)	63.8	(0.9)	51.8	(1.1)	65.2	(1.1)	81.2	(0.7)	68.0	(0.9)
	France	-0.26	(0.02)	66.9	(0.8)	54.5	(1.1)	62.0	(1.1)	75.1	(0.9)	58.1	(0.9)
	Germany	0.11	(0.02)	77.8	(0.8)	74.7	(1.0)	68.5	(1.1)	74.5	(0.8)	74.4	(0.9)
	Greece	-0.35	(0.02)	65.0	(1.3)	57.0	(1.4)	64.7	(1.3)	71.3	(1.2)	60.7	(1.1)
	Hungary	-0.01	(0.03)	72.3	(1.1)	71.5	(1.1)	70.2	(1.3)	77.7	(0.8)	81.2	(0.9)
	Iceland	-0.28	(0.01)	69.4	(0.7)	59.2	(0.8)	63.9	(0.8)	74.8	(0.7)	73.9	(0.7)
	Ireland	0.08	(0.03)	67.8	(0.9)	68.4	(1.2)	74.6	(1.0)	80.8	(0.9)	78.8	(0.8)
	Italy	-0.24	(0.02)	63.3	(1.0)	58.3	(1.3)	61.4	(1.2)	75.1	(1.0)	67.5	(1.0)
	Japan	0.23	(0.03)	80.9	(0.9)	83.1	(1.0)	86.3	(0.8)	75.2	(1.0)	84.5	(1.0)
	Korea	-0.04	(0.02)	72.7	(0.9)	0.0	c	81.1	(0.7)	82.1	(0.7)	79.1	(0.8)
	Luxembourg	-0.33	(0.01)	64.8	(0.7)	51.6	(0.8)	57.2	(0.8)	60.7	(0.8)	64.7	(0.8)
	Mexico	-0.15	(0.02)	71.5	(0.7)	73.2	(0.8)	73.7	(1.0)	76.0	(0.7)	65.7	(1.0)
	Netherlands	-0.26	(0.02)	72.8	(1.0)	58.4	(1.3)	63.7	(1.3)	80.9	(0.9)	61.5	(1.1)
	New Zealand	-0.30	(0.02)	61.6	(0.7)	52.6	(0.9)	62.9	(0.9)	77.2	(0.7)	68.7	(0.8)
	Norway	-0.36	(0.02)	66.0	(0.9)	58.8	(1.2)	64.1	(1.1)	71.7	(1.0)	63.9	(1.0)
	Poland	-0.07	(0.03)	66.9	(1.2)	73.1	(1.3)	69.6	(1.3)	78.6	(1.0)	77.7	(0.9)
	Portugal	-0.14	(0.02)	71.9	(0.8)	64.9	(1.1)	69.8	(1.0)	77.6	(0.9)	72.8	(1.1)
	Slovak Republic	-0.24	(0.02)	60.9	(0.9)	65.8	(0.9)	65.9	(0.9)	74.9	(0.7)	71.6	(0.7)
	Spain	-0.18	(0.03)	70.4	(1.0)	64.9	(1.2)	64.3	(1.2)	76.1	(1.0)	65.5	(1.1)
	Sweden	-0.19	(0.02)	74.1	(0.9)	64.1	(1.2)	67.3	(1.1)	80.1	(0.9)	71.6	(1.2)
Switzerland	-0.07	(0.03)	72.4	(0.9)	67.3	(1.1)	67.6	(1.0)	74.1	(0.9)	68.9	(0.9)	
Turkey	-0.26	(0.02)	76.1	(1.1)	67.2	(1.1)	64.5	(1.1)	69.1	(1.3)	69.0	(1.3)	
United States	-0.05	(0.02)	68.0	(0.8)	66.0	(0.9)	73.9	(0.8)	81.1	(0.7)	73.1	(0.8)	
OECD average 2003	-0.15	(0.00)	69.3	(0.2)	61.5	(0.2)	68.1	(0.2)	76.5	(0.2)	70.6	(0.2)	
Partners	Brazil	-0.46	(0.02)	65.4	(1.1)	62.0	(1.1)	61.8	(1.0)	70.3	(0.8)	37.0	(1.0)
	Hong Kong-China	-0.02	(0.02)	79.5	(0.8)	82.7	(0.8)	81.1	(0.9)	80.5	(0.8)	80.2	(0.8)
	Indonesia	-0.10	(0.02)	74.8	(0.8)	67.7	(0.9)	62.5	(1.0)	78.4	(0.7)	70.4	(0.8)
	Latvia	0.11	(0.03)	73.3	(1.0)	80.0	(1.2)	79.6	(1.1)	81.7	(1.0)	79.4	(1.1)
	Liechtenstein	0.05	(0.04)	73.8	(2.5)	72.2	(2.1)	67.0	(2.5)	71.8	(2.4)	75.0	(2.1)
	Macao-China	-0.07	(0.02)	81.6	(1.3)	84.5	(1.1)	82.5	(1.1)	79.4	(1.5)	80.3	(1.2)
	Russian Federation	0.27	(0.03)	78.1	(0.9)	84.0	(0.9)	81.5	(1.0)	81.2	(0.8)	84.9	(0.8)
	Thailand	-0.15	(0.02)	77.8	(0.9)	73.3	(0.9)	68.2	(1.0)	76.6	(0.9)	72.1	(1.0)
	Tunisia	-0.22	(0.02)	74.3	(0.7)	63.3	(1.1)	63.6	(1.2)	67.4	(0.9)	48.4	(1.0)
	Uruguay	-0.18	(0.02)	67.9	(1.0)	62.6	(1.3)	68.0	(1.0)	76.0	(1.0)	68.9	(1.0)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *index of disciplinary climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

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[Part 2/3]  
Change between 2003 and 2012 in disciplinary climate

Table IV.5.18 Results based on students' self-reports

	PISA 2012												
	Index of disciplinary climate		Percentage of students reporting that the following phenomena occur "never or hardly ever" or "some lessons" in their mathematics lessons										
			Students don't listen to what the teacher says		There is noise and disorder		The teacher has to wait a long time for students to quiet down		Students cannot work well		Student don't start working for a long time after the lessons begins		
	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>	Australia	-0.14	(0.02)	61.6	(0.7)	56.9	(0.7)	68.2	(0.7)	77.7	(0.6)	72.9	(0.6)
	Austria	0.21	(0.03)	73.2	(1.0)	74.9	(1.1)	72.4	(1.2)	78.2	(1.0)	73.8	(1.1)
	Belgium	0.04	(0.03)	72.3	(0.8)	66.5	(1.0)	70.9	(1.0)	81.1	(0.8)	70.9	(0.9)
	Canada	0.01	(0.01)	71.2	(0.6)	65.8	(0.7)	74.9	(0.6)	81.5	(0.5)	71.8	(0.7)
	Czech Republic	0.10	(0.04)	63.5	(1.4)	70.1	(1.4)	73.2	(1.2)	80.1	(1.1)	77.0	(1.1)
	Denmark	-0.01	(0.03)	69.9	(0.9)	66.8	(1.1)	77.1	(1.0)	81.9	(0.9)	75.4	(1.0)
	Finland	-0.33	(0.02)	57.4	(1.0)	50.9	(1.1)	64.5	(1.2)	77.9	(0.8)	65.0	(1.0)
	France	-0.29	(0.03)	59.7	(1.1)	51.9	(1.1)	60.6	(1.0)	69.5	(1.0)	57.8	(1.1)
	Germany	-0.02	(0.02)	64.4	(1.1)	70.8	(1.0)	68.0	(1.1)	73.0	(1.0)	70.8	(1.0)
	Greece	-0.24	(0.03)	59.2	(1.3)	61.4	(1.4)	67.7	(1.4)	66.4	(1.1)	67.3	(0.9)
	Hungary	0.05	(0.04)	64.4	(1.4)	71.8	(1.4)	72.6	(1.4)	77.5	(1.1)	79.8	(1.3)
	Iceland	-0.03	(0.02)	75.3	(0.8)	65.6	(0.8)	75.3	(0.9)	82.6	(0.7)	77.1	(0.8)
	Ireland	0.13	(0.03)	63.6	(1.2)	69.2	(1.3)	75.1	(1.1)	81.0	(1.0)	77.6	(1.0)
	Italy	-0.04	(0.02)	67.0	(0.7)	63.9	(0.7)	69.1	(0.7)	73.1	(0.6)	73.1	(0.6)
	Japan	0.67	(0.03)	90.5	(0.6)	89.9	(0.7)	92.8	(0.6)	83.7	(0.9)	90.5	(0.7)
	Korea	0.19	(0.03)	81.2	(1.0)	69.7	(1.1)	83.5	(0.8)	85.1	(0.9)	81.0	(0.9)
	Luxembourg	-0.02	(0.02)	64.3	(0.8)	68.5	(0.8)	69.8	(0.9)	72.7	(0.8)	66.9	(0.8)
	Mexico	0.06	(0.01)	71.1	(0.5)	72.6	(0.5)	79.0	(0.4)	79.0	(0.4)	73.7	(0.4)
	Netherlands	-0.16	(0.03)	71.1	(1.2)	63.3	(1.3)	66.1	(1.5)	79.7	(1.0)	56.5	(1.2)
	New Zealand	-0.25	(0.03)	57.2	(1.2)	55.4	(1.2)	65.5	(1.1)	75.0	(0.9)	68.6	(1.0)
	Norway	-0.08	(0.03)	72.0	(1.0)	70.7	(1.1)	75.9	(1.2)	78.8	(1.1)	71.4	(1.2)
	Poland	0.08	(0.04)	63.1	(1.5)	74.3	(1.5)	74.6	(1.4)	78.1	(1.3)	78.3	(1.2)
	Portugal	0.00	(0.03)	67.5	(1.2)	68.0	(1.2)	73.3	(1.1)	78.2	(1.0)	74.1	(1.1)
	Slovak Republic	-0.13	(0.03)	60.9	(1.0)	71.0	(1.1)	68.2	(1.2)	73.8	(1.0)	69.0	(1.1)
	Spain	-0.04	(0.02)	65.7	(0.8)	68.3	(0.9)	66.6	(1.1)	77.4	(0.7)	69.7	(0.8)
	Sweden	-0.20	(0.03)	65.7	(1.2)	61.9	(1.2)	65.8	(1.3)	74.6	(0.9)	67.7	(1.1)
Switzerland	0.07	(0.03)	72.3	(0.9)	69.3	(1.2)	74.7	(1.1)	79.0	(0.8)	72.5	(1.1)	
Turkey	-0.09	(0.02)	75.5	(1.0)	74.6	(1.0)	72.1	(0.9)	67.9	(0.9)	70.6	(0.9)	
United States	0.06	(0.03)	66.6	(1.1)	69.8	(1.0)	75.6	(1.1)	82.2	(1.0)	77.9	(0.9)	
OECD average 2003	-0.01	(0.00)	67.8	(0.2)	67.4	(0.2)	72.2	(0.2)	77.5	(0.2)	72.4	(0.2)	
<b>Partners</b>	Brazil	-0.34	(0.02)	58.2	(0.8)	58.5	(0.8)	62.4	(0.9)	67.9	(0.7)	55.8	(0.8)
	Hong Kong-China	0.29	(0.02)	79.6	(0.8)	81.3	(0.9)	85.7	(0.8)	84.8	(0.7)	82.8	(0.9)
	Indonesia	0.12	(0.02)	83.2	(0.8)	74.5	(1.0)	74.9	(1.0)	84.4	(0.8)	84.3	(0.8)
	Latvia	0.08	(0.04)	64.3	(1.5)	72.8	(1.5)	75.9	(1.4)	78.4	(1.3)	82.6	(1.1)
	Liechtenstein	0.25	(0.07)	75.5	(3.1)	75.4	(2.9)	79.0	(3.0)	80.3	(2.9)	79.8	(2.8)
	Macao-China	0.10	(0.01)	75.6	(0.7)	84.5	(0.6)	85.4	(0.6)	84.2	(0.6)	79.1	(0.7)
	Russian Federation	0.35	(0.03)	73.1	(1.1)	81.6	(1.0)	81.3	(1.0)	82.7	(0.8)	86.0	(0.8)
	Thailand	0.07	(0.02)	84.5	(0.7)	73.9	(0.9)	77.8	(0.8)	84.6	(0.8)	84.6	(0.8)
	Tunisia	-0.43	(0.02)	64.3	(1.0)	52.9	(1.3)	59.6	(1.0)	59.0	(1.3)	49.6	(1.0)
	Uruguay	-0.16	(0.03)	66.0	(1.0)	62.5	(1.2)	60.0	(1.3)	75.6	(0.9)	71.7	(1.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. For comparability over time, PISA 2003 values on the *index of disciplinary climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).  
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[Part 3/3]  
**Change between 2003 and 2012 in disciplinary climate**


Table IV.5.18 *Results based on students' self-reports*

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Index of disciplinary climate		Percentage of students reporting that the following phenomena occur "never or hardly ever" or "some lessons" in their mathematics lessons									
				Students don't listen to what the teacher says		There is noise and disorder		The teacher has to wait a long time for students to quiet down		Students cannot work well		Student don't start working for a long time after the lessons begins	
Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	0.03	(0.02)	<b>-4.9</b>	(1.0)	-1.3	(1.1)	0.1	(1.0)	<b>-2.6</b>	(0.9)	-0.4	(0.9)
	Austria	<b>0.18</b>	(0.04)	<b>4.1</b>	(1.4)	2.1	(1.6)	<b>5.4</b>	(1.7)	<b>4.9</b>	(1.4)	<b>4.2</b>	(1.4)
	Belgium	<b>0.16</b>	(0.03)	-0.1	(1.1)	<b>4.0</b>	(1.4)	<b>5.0</b>	(1.3)	0.6	(1.0)	<b>4.0</b>	(1.2)
	Canada	<b>0.15</b>	(0.02)	0.0	(0.8)	<b>4.6</b>	(0.9)	<b>2.7</b>	(0.8)	-0.7	(0.6)	<b>2.8</b>	(0.9)
	Czech Republic	<b>0.26</b>	(0.05)	-0.5	(1.8)	3.8	(2.0)	<b>6.8</b>	(1.8)	<b>4.8</b>	(1.4)	2.0	(1.4)
	Denmark	<b>0.21</b>	(0.03)	2.0	(1.3)	<b>10.0</b>	(1.7)	<b>4.6</b>	(1.6)	1.6	(1.3)	2.3	(1.3)
	Finland	-0.04	(0.03)	<b>-6.4</b>	(1.3)	-0.9	(1.6)	-0.7	(1.6)	<b>-3.3</b>	(1.0)	<b>-3.0</b>	(1.4)
	France	-0.03	(0.04)	<b>-7.2</b>	(1.4)	-2.6	(1.5)	-1.4	(1.5)	<b>-5.5</b>	(1.3)	-0.3	(1.4)
	Germany	<b>-0.13</b>	(0.03)	<b>-13.5</b>	(1.4)	<b>-3.9</b>	(1.4)	-0.5	(1.5)	-1.5	(1.2)	<b>-3.6</b>	(1.3)
	Greece	<b>0.10</b>	(0.04)	<b>-5.8</b>	(1.8)	<b>4.4</b>	(2.0)	3.0	(1.9)	<b>-4.8</b>	(1.6)	<b>6.6</b>	(1.4)
	Hungary	0.06	(0.04)	<b>-7.9</b>	(1.8)	0.3	(1.7)	2.4	(1.9)	-0.2	(1.3)	-1.4	(1.6)
	Iceland	<b>0.26</b>	(0.02)	<b>5.9</b>	(1.1)	<b>6.3</b>	(1.1)	<b>11.4</b>	(1.2)	<b>7.8</b>	(1.0)	<b>3.2</b>	(1.1)
	Ireland	0.05	(0.04)	<b>-4.2</b>	(1.5)	0.9	(1.7)	0.5	(1.5)	0.1	(1.3)	-1.2	(1.3)
	Italy	<b>0.20</b>	(0.03)	<b>3.7</b>	(1.2)	<b>5.6</b>	(1.4)	<b>7.7</b>	(1.3)	-2.0	(1.2)	<b>5.7</b>	(1.2)
	Japan	<b>0.44</b>	(0.04)	<b>9.7</b>	(1.1)	<b>6.8</b>	(1.2)	<b>6.5</b>	(1.0)	<b>8.5</b>	(1.3)	<b>6.0</b>	(1.2)
	Korea	<b>0.23</b>	(0.03)	<b>8.6</b>	(1.3)	69.7	c	<b>2.4</b>	(1.0)	<b>3.1</b>	(1.1)	2.0	(1.3)
	Luxembourg	<b>0.31</b>	(0.02)	-0.5	(1.1)	<b>16.9</b>	(1.1)	<b>12.7</b>	(1.2)	<b>12.0</b>	(1.1)	<b>2.2</b>	(1.1)
	Mexico	<b>0.21</b>	(0.02)	-0.4	(0.8)	-0.6	(0.9)	<b>5.3</b>	(1.0)	<b>2.9</b>	(0.8)	<b>8.0</b>	(1.1)
	Netherlands	<b>0.10</b>	(0.04)	-1.6	(1.6)	<b>4.9</b>	(1.9)	2.4	(2.0)	-1.2	(1.4)	<b>-5.0</b>	(1.6)
	New Zealand	0.05	(0.03)	<b>-4.4</b>	(1.4)	2.8	(1.5)	2.6	(1.4)	-2.2	(1.1)	0.0	(1.2)
	Norway	<b>0.28</b>	(0.03)	<b>6.1</b>	(1.4)	<b>11.9</b>	(1.6)	<b>11.8</b>	(1.6)	<b>7.0</b>	(1.5)	<b>7.5</b>	(1.6)
	Poland	<b>0.14</b>	(0.05)	<b>-3.8</b>	(1.9)	1.2	(2.0)	<b>4.9</b>	(1.9)	-0.5	(1.6)	0.6	(1.5)
	Portugal	<b>0.15</b>	(0.03)	<b>-4.3</b>	(1.5)	3.1	(1.7)	<b>3.5</b>	(1.5)	0.6	(1.4)	1.3	(1.5)
	Slovak Republic	<b>0.10</b>	(0.03)	-0.1	(1.3)	<b>5.2</b>	(1.4)	2.3	(1.5)	-1.0	(1.3)	<b>-2.7</b>	(1.3)
	Spain	<b>0.14</b>	(0.04)	<b>-4.7</b>	(1.3)	<b>3.4</b>	(1.5)	2.3	(1.6)	1.3	(1.2)	<b>4.2</b>	(1.4)
	Sweden	-0.01	(0.04)	<b>-8.5</b>	(1.5)	-2.2	(1.7)	-1.5	(1.7)	<b>-5.4</b>	(1.3)	<b>-3.8</b>	(1.7)
Switzerland	<b>0.14</b>	(0.04)	-0.1	(1.3)	1.9	(1.6)	<b>7.0</b>	(1.5)	<b>4.9</b>	(1.2)	<b>3.5</b>	(1.4)	
Turkey	<b>0.17</b>	(0.03)	-0.6	(1.5)	<b>7.3</b>	(1.5)	<b>7.5</b>	(1.4)	-1.2	(1.5)	1.6	(1.6)	
United States	<b>0.11</b>	(0.04)	-1.4	(1.4)	<b>3.8</b>	(1.3)	1.7	(1.3)	1.1	(1.2)	<b>4.7</b>	(1.2)	
OECD average 2003	<b>0.14</b>	(0.01)	<b>-1.4</b>	(0.3)	<b>5.8</b>	(0.3)	<b>4.1</b>	(0.3)	<b>1.0</b>	(0.2)	<b>1.8</b>	(0.2)	
Partners	Brazil	<b>0.11</b>	(0.03)	<b>-7.2</b>	(1.3)	<b>-3.5</b>	(1.3)	0.6	(1.4)	<b>-2.3</b>	(1.1)	<b>18.8</b>	(1.2)
	Hong Kong-China	<b>0.31</b>	(0.03)	0.1	(1.2)	-1.4	(1.2)	<b>4.6</b>	(1.2)	<b>4.3</b>	(1.1)	<b>2.6</b>	(1.2)
	Indonesia	<b>0.22</b>	(0.03)	<b>8.4</b>	(1.2)	<b>6.8</b>	(1.3)	<b>12.4</b>	(1.5)	<b>6.0</b>	(1.1)	<b>14.0</b>	(1.1)
	Latvia	-0.03	(0.05)	<b>-9.1</b>	(1.8)	<b>-7.2</b>	(1.9)	<b>-3.6</b>	(1.7)	<b>-3.3</b>	(1.7)	<b>3.2</b>	(1.6)
	Liechtenstein	<b>0.20</b>	(0.09)	1.7	(4.0)	3.2	(3.6)	<b>12.0</b>	(3.9)	<b>8.5</b>	(3.7)	4.8	(3.5)
	Macao-China	<b>0.17</b>	(0.02)	<b>-6.0</b>	(1.5)	0.0	(1.3)	<b>2.9</b>	(1.3)	<b>4.8</b>	(1.6)	-1.3	(1.4)
	Russian Federation	0.08	(0.05)	<b>-5.0</b>	(1.4)	-2.4	(1.4)	-0.3	(1.4)	1.6	(1.2)	1.1	(1.1)
	Thailand	<b>0.22</b>	(0.03)	<b>6.8</b>	(1.2)	0.6	(1.2)	<b>9.6</b>	(1.3)	<b>8.0</b>	(1.2)	<b>12.5</b>	(1.3)
	Tunisia	<b>-0.21</b>	(0.03)	<b>-9.9</b>	(1.2)	<b>-10.4</b>	(1.7)	<b>-4.0</b>	(1.6)	<b>-8.4</b>	(1.5)	1.2	(1.4)
	Uruguay	0.02	(0.03)	-1.9	(1.5)	-0.1	(1.8)	<b>-8.0</b>	(1.6)	-0.4	(1.3)	2.8	(1.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *index of disciplinary climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).

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[Part 1/3]  
**Change between 2003 and 2012 in teacher-related factors affecting school climate**

Table IV.5.19 *Results based on school principals' reports*

	PISA 2003															
	Index of teacher-related factors affecting school climate		Percentage of students in schools whose principals reported that the following phenomena hindered learning "not at all" or "very little"													
			Teachers' low expectations of students		Teachers not meeting individual students' needs		Teacher absenteeism		Staff resisting change		Teacher being too strict with students		Students not being encouraged to achieve their full potential		Poor teacher-student relations	
			Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>																
Australia	-0.48	(0.05)	68.6	(2.8)	51.9	(3.3)	84.2	(2.2)	65.9	(3.0)	92.5	(1.6)	81.4	(2.3)	85.4	(1.9)
Austria	-0.07	(0.08)	84.3	(3.5)	78.6	(2.9)	86.0	(2.9)	83.5	(2.9)	92.8	(2.0)	78.0	(3.6)	90.6	(2.3)
Belgium	-0.01	(0.06)	91.8	(1.6)	78.2	(3.0)	77.7	(2.6)	73.4	(2.6)	96.9	(1.2)	85.0	(2.3)	91.0	(1.7)
Canada	-0.29	(0.05)	89.2	(1.6)	67.2	(2.5)	92.0	(1.4)	67.2	(2.2)	91.6	(1.4)	84.1	(1.8)	87.8	(1.6)
Czech Republic	-0.13	(0.04)	91.2	(1.9)	86.9	(2.1)	77.3	(2.5)	89.8	(2.2)	90.1	(2.0)	79.7	(2.7)	93.0	(1.3)
Denmark	0.12	(0.07)	90.9	(2.0)	81.1	(2.7)	86.0	(2.6)	83.9	(2.8)	97.4	(1.1)	93.1	(2.0)	95.1	(1.7)
Finland	-0.24	(0.06)	93.3	(1.8)	65.4	(3.5)	79.6	(3.2)	86.6	(2.4)	94.2	(1.7)	83.7	(3.2)	86.0	(2.6)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	-0.36	(0.06)	90.5	(2.1)	68.9	(3.4)	76.8	(3.3)	75.4	(3.2)	97.1	(1.2)	77.0	(3.3)	86.1	(2.6)
Greece	-0.61	(0.22)	54.8	(5.1)	57.0	(6.0)	60.1	(5.6)	68.5	(4.9)	76.6	(5.1)	70.9	(5.4)	59.2	(5.6)
Hungary	0.09	(0.09)	90.9	(2.6)	77.0	(3.6)	78.6	(3.5)	95.5	(1.2)	88.0	(2.8)	77.4	(3.8)	83.5	(3.4)
Iceland	0.03	(0.00)	85.6	(0.1)	60.5	(0.2)	67.8	(0.2)	87.1	(0.1)	98.7	(0.1)	88.7	(0.1)	91.8	(0.1)
Ireland	-0.47	(0.08)	70.5	(4.0)	52.6	(4.8)	70.2	(4.0)	72.2	(3.9)	91.3	(2.5)	79.0	(3.8)	84.5	(3.5)
Italy	-0.25	(0.08)	87.6	(2.3)	72.1	(3.3)	89.6	(2.3)	63.3	(3.5)	86.7	(2.5)	75.3	(3.3)	65.7	(3.2)
Japan	-0.53	(0.07)	68.3	(3.6)	66.1	(4.1)	96.3	(1.6)	58.5	(4.4)	79.4	(3.6)	62.9	(3.9)	76.6	(3.4)
Korea	0.08	(0.11)	68.1	(4.0)	72.0	(3.2)	89.1	(2.9)	82.7	(3.2)	92.3	(2.3)	73.0	(4.0)	85.9	(3.2)
Luxembourg	-0.65	(0.00)	91.2	(0.0)	43.8	(0.1)	95.0	(0.0)	81.1	(0.1)	86.2	(0.0)	63.2	(0.1)	71.1	(0.1)
Mexico	-0.57	(0.09)	59.3	(3.6)	64.8	(3.1)	73.4	(3.1)	59.6	(3.4)	72.6	(3.1)	54.3	(3.6)	76.3	(2.9)
Netherlands	-1.02	(0.06)	61.1	(4.8)	44.1	(4.8)	54.4	(3.9)	39.9	(4.6)	81.8	(3.6)	59.6	(4.3)	79.9	(3.5)
New Zealand	-0.49	(0.05)	60.3	(3.2)	53.9	(3.4)	92.1	(1.8)	76.6	(3.3)	93.8	(1.8)	76.2	(2.8)	82.4	(2.9)
Norway	-0.68	(0.06)	79.6	(3.3)	28.5	(3.9)	75.5	(3.5)	64.9	(3.6)	96.5	(1.5)	76.3	(3.5)	77.7	(3.4)
Poland	0.08	(0.09)	87.9	(2.7)	81.1	(3.1)	89.7	(2.5)	90.0	(2.4)	95.1	(1.7)	81.5	(3.4)	89.7	(2.5)
Portugal	-0.69	(0.06)	55.5	(4.6)	55.4	(4.5)	70.5	(4.1)	56.4	(4.7)	98.0	(1.2)	65.0	(4.3)	84.1	(3.0)
Slovak Republic	0.22	(0.05)	83.0	(2.8)	89.8	(1.8)	81.2	(2.9)	92.5	(1.6)	94.2	(1.2)	87.9	(2.2)	93.1	(2.1)
Spain	0.00	(0.08)	78.9	(3.0)	79.4	(3.3)	87.2	(2.6)	73.4	(3.4)	93.1	(2.1)	78.9	(2.6)	90.3	(2.4)
Sweden	-0.19	(0.07)	88.5	(2.6)	67.4	(3.4)	84.3	(2.8)	68.6	(3.4)	97.8	(1.1)	84.0	(3.0)	89.1	(2.2)
Switzerland	0.09	(0.06)	92.2	(1.8)	79.5	(2.8)	95.2	(1.4)	77.4	(3.1)	97.2	(1.0)	88.5	(2.1)	89.2	(2.0)
Turkey	-1.14	(0.14)	39.2	(4.7)	53.7	(4.1)	62.6	(3.9)	53.6	(4.7)	65.7	(4.5)	37.5	(4.7)	41.9	(4.8)
United States	-0.36	(0.06)	75.7	(3.3)	67.9	(3.0)	86.7	(2.3)	66.0	(3.4)	95.0	(1.5)	86.5	(2.5)	85.9	(2.5)
OECD average 2003	-0.30	(0.02)	77.8	(0.6)	65.9	(0.6)	80.7	(0.6)	73.3	(0.6)	90.5	(0.4)	76.0	(0.6)	82.6	(0.5)
<b>Partners</b>																
Brazil	-0.10	(0.10)	72.5	(3.3)	73.1	(3.5)	73.0	(3.5)	75.9	(3.2)	87.2	(2.6)	72.2	(3.4)	81.0	(3.2)
Hong Kong-China	-0.67	(0.10)	56.6	(3.9)	56.3	(3.8)	79.0	(3.5)	68.9	(3.5)	80.4	(3.4)	60.1	(3.5)	76.3	(3.2)
Indonesia	-2.46	(0.11)	24.9	(2.8)	24.4	(3.2)	21.6	(3.1)	39.0	(3.6)	28.2	(3.6)	25.8	(3.0)	26.7	(3.9)
Latvia	-0.04	(0.08)	87.3	(2.7)	75.5	(4.0)	93.2	(1.7)	87.8	(2.9)	93.5	(2.2)	75.9	(4.0)	84.7	(3.5)
Liechtenstein	-0.37	(0.01)	73.4	(0.4)	73.7	(0.3)	100.0	c	46.5	(0.4)	100.0	c	94.4	(0.3)	89.3	(0.4)
Macao-China	-1.18	(0.01)	40.8	(0.3)	39.7	(0.2)	62.6	(0.3)	52.1	(0.3)	54.9	(0.2)	44.0	(0.3)	55.9	(0.3)
Russian Federation	-0.98	(0.09)	47.7	(4.4)	60.2	(3.5)	48.8	(4.2)	61.5	(3.7)	44.5	(3.4)	58.4	(3.7)	55.1	(3.9)
Thailand	-0.30	(0.09)	62.0	(4.0)	63.5	(4.0)	88.2	(2.9)	90.2	(2.3)	74.2	(3.8)	82.9	(3.1)	87.0	(2.7)
Tunisia	-1.66	(0.08)	16.1	(3.1)	25.4	(3.7)	26.3	(3.4)	54.5	(4.0)	54.9	(4.4)	40.3	(3.6)	33.8	(4.0)
Uruguay	-0.78	(0.10)	50.3	(4.3)	66.5	(4.2)	35.9	(3.2)	59.2	(3.8)	79.4	(4.0)	53.2	(4.8)	78.2	(3.6)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. For comparability over time, PISA 2003 values on the *index of teacher-related factors affecting school climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details). StatLink <http://dx.doi.org/10.1787/888932957517>


[Part 2/3]

**Change between 2003 and 2012 in teacher-related factors affecting school climate**Table IV.5.19 *Results based on school principals' reports*

		PISA 2012															
		Index of teacher-related factors affecting school climate		Percentage of students in schools whose principals reported that the following phenomena hindered learning "not at all" or "very little"													
				Teachers' low expectations of students		Teachers not meeting individual students' needs		Teacher absenteeism		Staff resisting change		Teacher being too strict with students		Students not being encouraged to achieve their full potential		Poor teacher-student relations	
				Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	-0.15	(0.03)	80.6	(1.4)	65.0	(1.8)	87.4	(1.4)	63.5	(2.0)	93.9	(0.9)	84.7	(1.4)	91.2	(1.0)
	Austria	-0.16	(0.07)	85.1	(3.0)	80.6	(3.3)	80.3	(3.1)	73.0	(3.4)	88.4	(2.6)	85.5	(2.9)	93.9	(1.9)
	Belgium	-0.26	(0.05)	91.5	(1.6)	84.1	(2.4)	75.0	(2.7)	65.7	(3.0)	85.7	(2.1)	81.6	(2.2)	96.7	(0.9)
	Canada	0.10	(0.04)	94.3	(1.3)	78.1	(1.9)	91.0	(1.5)	65.7	(2.5)	92.0	(1.4)	89.8	(1.5)	94.9	(0.9)
	Czech Republic	0.19	(0.05)	93.2	(2.0)	96.3	(1.4)	90.7	(2.7)	93.4	(1.7)	90.8	(1.9)	81.6	(2.8)	96.0	(1.7)
	Denmark	0.13	(0.06)	91.2	(2.1)	85.8	(2.6)	84.7	(2.7)	83.5	(2.9)	98.8	(0.6)	86.2	(2.6)	97.0	(1.1)
	Finland	-0.08	(0.05)	96.8	(0.8)	80.5	(3.1)	82.7	(3.0)	77.7	(3.1)	95.5	(1.0)	92.8	(1.4)	95.1	(1.3)
	France	-0.17	(0.06)	92.4	(1.6)	65.8	(2.8)	91.3	(1.8)	57.9	(3.4)	76.8	(2.8)	78.1	(2.8)	92.1	(1.8)
	Germany	-0.31	(0.05)	91.7	(2.0)	84.5	(2.8)	70.3	(3.5)	75.5	(2.9)	92.9	(1.9)	86.8	(2.3)	97.9	(1.0)
	Greece	-0.16	(0.09)	69.5	(3.4)	79.5	(3.0)	88.4	(2.6)	77.2	(3.1)	87.0	(2.4)	74.3	(3.1)	85.4	(3.1)
	Hungary	0.37	(0.07)	96.3	(1.5)	86.2	(2.4)	99.5	(0.5)	95.4	(1.7)	91.7	(2.1)	71.2	(3.5)	93.3	(2.1)
	Iceland	0.05	(0.01)	91.5	(0.1)	75.5	(0.2)	85.3	(0.2)	69.1	(0.2)	96.9	(0.1)	85.7	(0.2)	98.5	(0.0)
	Ireland	0.10	(0.08)	86.3	(2.8)	82.1	(3.0)	88.3	(2.7)	81.3	(3.3)	88.5	(2.8)	86.7	(2.9)	98.1	(1.3)
	Italy	-0.29	(0.04)	78.7	(2.1)	75.7	(2.0)	88.9	(1.7)	46.7	(2.1)	79.6	(1.7)	72.1	(2.4)	74.5	(1.8)
	Japan	-0.31	(0.06)	79.7	(3.0)	73.9	(3.3)	97.0	(1.2)	68.9	(3.5)	81.3	(2.7)	71.6	(3.2)	90.4	(2.1)
	Korea	0.04	(0.10)	75.3	(3.8)	73.8	(3.1)	99.1	(0.9)	86.3	(2.9)	83.9	(3.4)	79.8	(3.6)	86.4	(3.0)
	Luxembourg	-0.29	(0.00)	95.8	(0.0)	83.3	(0.1)	93.6	(0.1)	79.9	(0.1)	91.4	(0.0)	78.7	(0.1)	92.2	(0.1)
	Mexico	-0.27	(0.04)	74.1	(2.0)	74.6	(1.9)	82.6	(1.4)	64.6	(1.7)	77.5	(1.6)	60.9	(1.9)	94.0	(0.9)
	Netherlands	-0.85	(0.04)	75.4	(3.5)	28.7	(3.8)	59.8	(4.0)	54.1	(4.6)	89.0	(2.4)	35.5	(3.7)	93.3	(1.7)
	New Zealand	-0.16	(0.07)	85.7	(2.7)	66.9	(4.2)	92.6	(2.4)	73.3	(3.9)	97.2	(1.7)	91.5	(2.5)	96.0	(1.6)
	Norway	-0.45	(0.06)	81.6	(3.3)	56.2	(4.0)	70.0	(3.6)	74.5	(3.4)	98.7	(1.0)	75.2	(3.1)	90.3	(1.9)
	Poland	0.47	(0.06)	95.8	(1.5)	90.3	(2.3)	93.0	(2.2)	89.2	(2.4)	96.6	(1.1)	92.8	(2.1)	98.6	(1.0)
	Portugal	0.11	(0.09)	82.7	(3.8)	87.9	(3.4)	97.8	(1.7)	81.7	(3.7)	97.5	(1.5)	76.4	(3.4)	96.8	(2.0)
	Slovak Republic	0.04	(0.06)	87.8	(2.3)	92.0	(1.9)	92.0	(2.1)	84.1	(3.2)	76.1	(3.1)	78.8	(3.1)	97.5	(1.0)
	Spain	-0.19	(0.05)	77.9	(2.2)	75.9	(2.0)	95.3	(0.8)	68.1	(2.5)	85.4	(1.8)	71.0	(2.4)	93.7	(0.9)
	Sweden	-0.09	(0.07)	81.2	(3.0)	74.5	(3.3)	79.1	(2.7)	79.1	(3.4)	97.3	(1.0)	79.0	(2.8)	93.3	(1.6)
Switzerland	0.01	(0.05)	95.9	(1.5)	87.2	(2.4)	94.6	(1.7)	75.4	(3.2)	93.6	(1.6)	89.4	(2.2)	97.9	(0.7)	
Turkey	-0.23	(0.08)	67.8	(3.4)	46.5	(4.3)	89.0	(2.5)	75.9	(3.2)	93.5	(2.3)	68.0	(3.4)	82.2	(3.2)	
United States	0.13	(0.10)	83.4	(3.3)	75.9	(3.9)	90.6	(2.4)	71.9	(4.1)	94.6	(2.1)	89.0	(2.5)	94.3	(1.8)	
OECD average 2003	-0.09	(0.01)	85.2	(0.5)	76.5	(0.5)	87.1	(0.4)	74.8	(0.6)	90.5	(0.4)	79.2	(0.5)	93.2	(0.3)	
Partners	Brazil	-0.33	(0.06)	60.8	(2.8)	59.4	(2.5)	66.5	(2.5)	63.9	(2.8)	83.2	(2.2)	63.0	(2.5)	81.4	(1.8)
	Hong Kong-China	-0.37	(0.07)	69.6	(3.3)	55.2	(4.0)	88.8	(2.6)	81.5	(3.0)	94.1	(2.0)	63.3	(4.1)	95.5	(1.7)
	Indonesia	0.30	(0.08)	94.1	(1.8)	97.2	(1.3)	97.3	(1.2)	97.6	(1.3)	96.3	(1.6)	58.5	(3.7)	99.2	(0.8)
	Latvia	0.13	(0.07)	85.9	(2.8)	87.0	(2.5)	94.7	(1.6)	90.7	(2.3)	91.0	(2.3)	82.5	(3.0)	93.4	(1.7)
	Liechtenstein	-0.12	(0.01)	100.0	c	93.3	(0.6)	87.8	(1.0)	74.4	(1.2)	93.3	(0.6)	100.0	c	93.3	(0.6)
	Macao-China	-0.09	(0.00)	78.1	(0.0)	56.7	(0.1)	84.1	(0.0)	81.9	(0.0)	84.4	(0.0)	61.6	(0.1)	83.3	(0.0)
	Russian Federation	-0.27	(0.08)	68.2	(2.8)	63.5	(3.8)	74.1	(3.1)	65.0	(3.3)	75.7	(3.2)	45.2	(3.5)	80.1	(2.4)
	Thailand	-0.08	(0.07)	86.7	(2.7)	85.8	(2.5)	89.1	(2.5)	88.7	(2.4)	66.5	(3.9)	92.6	(1.9)	97.3	(1.0)
	Tunisia	-0.70	(0.07)	59.4	(4.1)	65.8	(4.0)	36.1	(3.7)	61.0	(4.5)	70.9	(3.6)	40.7	(3.8)	75.9	(3.6)
	Uruguay	-0.67	(0.06)	63.0	(3.7)	63.4	(3.3)	35.1	(3.0)	65.8	(3.6)	89.4	(2.2)	44.9	(3.4)	86.2	(2.4)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *index of teacher-related factors affecting school climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).StatLink  <http://dx.doi.org/10.1787/888932957517>



[Part 3/3]

**Change between 2003 and 2012 in teacher-related factors affecting school climate**

Table IV.5.19 Results based on school principals' reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)															
		Index of teacher-related factors affecting school climate		Percentage of students in schools whose principals reported that the following phenomena hindered learning "not at all" or "very little"													
				Teachers' low expectations of students		Teachers not meeting individual students' needs		Teacher absenteeism		Staff resisting change		Teacher being too strict with students		Students not being encouraged to achieve their full potential		Poor teacher-student relations	
		Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	<b>0.33</b>	(0.06)	<b>12.1</b>	(3.1)	<b>13.1</b>	(3.7)	3.3	(2.6)	-2.4	(3.6)	1.4	(1.8)	3.3	(2.7)	<b>5.8</b>	(2.2)
	Austria	-0.09	(0.11)	0.8	(4.6)	2.0	(4.4)	-5.7	(4.3)	<b>-10.5</b>	(4.4)	-4.5	(3.3)	7.5	(4.6)	3.3	(3.0)
	Belgium	<b>-0.25</b>	(0.07)	-0.3	(2.3)	5.8	(3.9)	-2.8	(3.8)	-7.7	(4.0)	<b>-11.2</b>	(2.4)	-3.4	(3.2)	<b>5.7</b>	(1.9)
	Canada	<b>0.39</b>	(0.06)	<b>5.1</b>	(2.0)	<b>10.9</b>	(3.2)	-0.9	(2.0)	-1.5	(3.3)	0.4	(1.9)	<b>5.7</b>	(2.3)	<b>7.1</b>	(1.8)
	Czech Republic	<b>0.32</b>	(0.07)	2.0	(2.7)	<b>9.4</b>	(2.5)	<b>13.4</b>	(3.7)	3.6	(2.8)	0.7	(2.7)	2.0	(3.9)	3.0	(2.2)
	Denmark	0.00	(0.09)	0.3	(2.9)	4.7	(3.7)	-1.3	(3.7)	-0.4	(4.0)	1.4	(1.2)	<b>-6.9</b>	(3.3)	2.0	(2.0)
	Finland	<b>0.17</b>	(0.08)	3.5	(2.0)	<b>15.1</b>	(4.7)	3.1	(4.4)	<b>-8.9</b>	(3.9)	1.3	(1.9)	<b>9.1</b>	(3.5)	<b>9.0</b>	(2.9)
	France	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Germany	0.05	(0.08)	1.3	(2.9)	<b>15.6</b>	(4.4)	-6.5	(4.8)	0.0	(4.3)	-4.2	(2.3)	<b>9.8</b>	(4.0)	<b>11.7</b>	(2.7)
	Greece	0.45	(0.24)	<b>14.7</b>	(6.1)	<b>22.6</b>	(6.7)	<b>28.3</b>	(6.2)	8.6	(5.8)	10.4	(5.6)	3.4	(6.2)	<b>26.2</b>	(6.4)
	Hungary	<b>0.28</b>	(0.11)	5.5	(3.0)	<b>9.1</b>	(4.3)	<b>20.9</b>	(3.5)	-0.1	(2.1)	3.7	(3.5)	-6.1	(5.2)	<b>9.8</b>	(4.0)
	Iceland	<b>0.02</b>	(0.01)	<b>5.9</b>	(0.2)	<b>14.9</b>	(0.3)	<b>17.5</b>	(0.3)	<b>-18.0</b>	(0.3)	<b>-1.8</b>	(0.1)	<b>-3.0</b>	(0.2)	<b>6.7</b>	(0.1)
	Ireland	<b>0.58</b>	(0.11)	<b>15.8</b>	(4.9)	<b>29.5</b>	(5.7)	<b>18.1</b>	(4.9)	9.1	(5.1)	-2.8	(3.7)	7.6	(4.7)	<b>13.6</b>	(3.7)
	Italy	-0.04	(0.09)	<b>-8.9</b>	(3.1)	3.7	(3.8)	-0.6	(2.8)	<b>-16.7</b>	(4.1)	<b>-7.0</b>	(3.1)	-3.2	(4.0)	<b>8.8</b>	(3.7)
	Japan	<b>0.22</b>	(0.09)	<b>11.4</b>	(4.7)	7.8	(5.3)	0.7	(2.1)	10.4	(5.6)	1.9	(4.5)	8.7	(5.1)	<b>13.8</b>	(4.0)
	Korea	-0.04	(0.15)	7.3	(5.5)	1.8	(4.5)	<b>10.1</b>	(3.0)	3.6	(4.3)	<b>-8.5</b>	(4.1)	6.8	(5.4)	0.5	(4.4)
	Luxembourg	<b>0.36</b>	(0.00)	<b>4.6</b>	(0.0)	<b>39.5</b>	(0.1)	<b>-1.5</b>	(0.1)	<b>-1.2</b>	(0.1)	<b>5.2</b>	(0.1)	<b>15.5</b>	(0.1)	<b>21.2</b>	(0.1)
	Mexico	<b>0.30</b>	(0.10)	<b>14.8</b>	(4.1)	<b>9.8</b>	(3.7)	<b>9.1</b>	(3.4)	5.0	(3.8)	4.8	(3.5)	6.5	(4.1)	<b>17.7</b>	(3.0)
	Netherlands	<b>0.16</b>	(0.07)	<b>14.3</b>	(6.0)	<b>-15.5</b>	(6.2)	5.4	(5.6)	<b>14.2</b>	(6.5)	7.2	(4.3)	<b>-24.1</b>	(5.7)	<b>13.4</b>	(3.9)
	New Zealand	<b>0.32</b>	(0.08)	<b>25.4</b>	(4.2)	<b>13.0</b>	(5.4)	0.5	(3.0)	-3.3	(5.1)	3.4	(2.5)	<b>15.3</b>	(3.8)	<b>13.6</b>	(3.3)
Norway	<b>0.22</b>	(0.08)	2.0	(4.6)	<b>27.8</b>	(5.6)	-5.6	(5.0)	9.5	(5.0)	2.2	(1.8)	-1.1	(4.6)	<b>12.6</b>	(3.9)	
Poland	<b>0.39</b>	(0.11)	<b>7.9</b>	(3.1)	<b>9.2</b>	(3.8)	3.2	(3.3)	-0.9	(3.4)	1.5	(2.1)	<b>11.3</b>	(4.0)	<b>8.9</b>	(2.7)	
Portugal	<b>0.80</b>	(0.11)	<b>27.2</b>	(5.9)	<b>32.5</b>	(5.6)	<b>27.3</b>	(4.4)	<b>25.3</b>	(6.0)	-0.5	(1.9)	<b>11.4</b>	(5.5)	<b>12.7</b>	(3.6)	
Slovak Republic	<b>-0.18</b>	(0.08)	4.8	(3.7)	2.3	(2.6)	<b>10.9</b>	(3.6)	<b>-8.4</b>	(3.6)	<b>-18.0</b>	(3.3)	<b>-9.1</b>	(3.9)	4.5	(2.3)	
Spain	-0.19	(0.10)	-1.0	(3.8)	-3.5	(3.9)	<b>8.0</b>	(2.8)	-5.3	(4.2)	<b>-7.7</b>	(2.7)	<b>-8.0</b>	(3.5)	3.3	(2.5)	
Sweden	0.10	(0.09)	-7.3	(3.9)	7.0	(4.7)	-5.2	(3.9)	<b>10.5</b>	(4.8)	-0.5	(1.5)	-5.0	(4.1)	4.2	(2.8)	
Switzerland	-0.08	(0.08)	3.7	(2.3)	<b>7.8</b>	(3.7)	-0.6	(2.2)	-2.0	(4.5)	-3.6	(1.8)	0.9	(3.1)	<b>8.7</b>	(2.2)	
Turkey	<b>0.91</b>	(0.16)	<b>28.6</b>	(5.8)	-7.2	(5.9)	<b>26.4</b>	(4.7)	<b>22.3</b>	(5.6)	<b>27.8</b>	(5.1)	<b>30.5</b>	(5.8)	<b>40.3</b>	(5.7)	
United States	<b>0.48</b>	(0.11)	7.8	(4.7)	8.0	(5.0)	3.9	(3.4)	5.9	(5.3)	-0.4	(2.6)	2.5	(3.5)	<b>8.5</b>	(3.1)	
	OECD average 2003	<b>0.21</b>	(0.02)	7.5	(0.8)	<b>10.6</b>	(0.8)	<b>6.4</b>	(0.7)	1.5	(0.8)	0.1	(0.6)	<b>3.1</b>	(0.8)	<b>10.6</b>	(0.6)
Partners	Brazil	-0.23	(0.12)	<b>-11.7</b>	(4.4)	<b>-13.7</b>	(4.3)	-6.5	(4.3)	<b>-12.0</b>	(4.2)	-3.9	(3.4)	<b>-9.3</b>	(4.2)	0.5	(3.7)
	Hong Kong-China	<b>0.30</b>	(0.12)	<b>12.9</b>	(5.2)	-1.1	(5.6)	<b>9.7</b>	(4.4)	<b>12.6</b>	(4.6)	<b>13.7</b>	(4.0)	3.2	(5.4)	<b>19.2</b>	(3.7)
	Indonesia	<b>2.76</b>	(0.14)	<b>69.2</b>	(3.3)	<b>72.8</b>	(3.4)	<b>75.8</b>	(3.3)	<b>58.6</b>	(3.8)	<b>68.1</b>	(4.0)	<b>32.7</b>	(4.8)	<b>72.4</b>	(4.0)
	Latvia	0.16	(0.11)	-1.4	(3.9)	<b>11.6</b>	(4.7)	1.5	(2.3)	2.9	(3.7)	-2.5	(3.2)	6.7	(5.0)	<b>8.7</b>	(3.9)
	Liechtenstein	<b>0.25</b>	(0.02)	26.6	c	<b>19.6</b>	(0.7)	-12.2	c	<b>28.0</b>	(1.3)	-6.7	c	5.6	c	<b>3.9</b>	(0.7)
	Macao-China	<b>1.09</b>	(0.01)	<b>37.3</b>	(0.3)	<b>16.9</b>	(0.2)	<b>21.6</b>	(0.3)	<b>29.8</b>	(0.3)	<b>29.5</b>	(0.2)	<b>17.6</b>	(0.3)	<b>27.4</b>	(0.3)
	Russian Federation	<b>0.71</b>	(0.13)	<b>20.6</b>	(5.2)	3.4	(5.2)	<b>25.3</b>	(5.2)	3.5	(5.0)	<b>31.2</b>	(4.7)	<b>-13.1</b>	(5.1)	<b>25.0</b>	(4.6)
	Thailand	0.22	(0.12)	<b>24.7</b>	(4.8)	<b>22.3</b>	(4.7)	0.9	(3.8)	-1.5	(3.3)	-7.7	(5.5)	<b>9.7</b>	(3.7)	<b>10.3</b>	(2.9)
	Tunisia	<b>0.96</b>	(0.10)	<b>43.3</b>	(5.1)	<b>40.4</b>	(5.4)	<b>9.8</b>	(5.0)	6.5	(6.0)	<b>16.0</b>	(5.7)	0.4	(5.3)	<b>42.1</b>	(5.4)
	Uruguay	0.11	(0.12)	<b>12.7</b>	(5.7)	-3.0	(5.4)	-0.8	(4.4)	6.6	(5.2)	<b>10.0</b>	(4.6)	-8.3	(5.9)	8.0	(4.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of teacher-related factors affecting school climate have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).  
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[Part 1/3]

**Change between 2003 and 2012 in student-related factors affecting school climate**Table IV.5.20 *Results based on school principals' reports*

	PISA 2003											
	Index of student-related factors affecting school climate		Percentage of students in schools whose principals reported that the following phenomena hindered learning "not at all" or "very little"									
			Students skipping classes		Students lacking respect for teachers		Disruption of classes by students		Student use of alcohol or illegal drugs		Students intimidating or bullying other students	
Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>												
Australia	-0.27	(0.05)	80.2	(2.2)	78.2	(2.4)	62.9	(3.0)	94.2	(1.3)	76.2	(2.6)
Austria	-0.27	(0.06)	57.5	(3.8)	82.9	(3.1)	61.6	(4.2)	91.4	(2.2)	85.2	(2.5)
Belgium	0.14	(0.07)	78.8	(2.4)	82.4	(2.3)	73.7	(2.4)	92.7	(1.9)	85.9	(2.4)
Canada	-0.68	(0.04)	42.4	(2.4)	75.2	(2.4)	66.0	(2.7)	68.0	(2.1)	81.9	(2.0)
Czech Republic	-0.07	(0.05)	75.8	(2.8)	83.6	(2.4)	63.8	(2.9)	98.1	(0.9)	97.9	(0.9)
Denmark	0.01	(0.05)	85.6	(2.3)	87.5	(2.3)	58.3	(3.2)	99.2	(0.6)	93.1	(1.7)
Finland	-0.37	(0.05)	65.9	(3.8)	87.6	(2.5)	61.5	(3.8)	96.2	(1.6)	92.6	(2.0)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	-0.33	(0.06)	74.6	(3.1)	77.8	(3.2)	49.3	(3.5)	91.0	(1.8)	76.0	(2.9)
Greece	-0.57	(0.18)	53.5	(5.2)	52.7	(5.4)	47.9	(5.9)	68.7	(5.7)	76.6	(5.3)
Hungary	0.09	(0.08)	74.0	(3.9)	86.0	(3.2)	58.4	(3.8)	94.3	(2.0)	91.8	(2.3)
Iceland	-0.19	(0.00)	72.2	(0.2)	77.9	(0.2)	38.0	(0.2)	94.8	(0.1)	75.4	(0.1)
Ireland	-0.54	(0.09)	78.6	(3.8)	77.2	(4.2)	53.2	(4.2)	75.9	(4.0)	79.2	(3.6)
Italy	-0.25	(0.06)	36.7	(3.2)	83.0	(2.8)	59.2	(3.3)	99.3	(0.3)	92.2	(1.7)
Japan	0.23	(0.07)	77.5	(3.0)	68.3	(3.2)	87.4	(2.6)	99.3	(0.7)	92.7	(2.3)
Korea	0.76	(0.13)	87.1	(2.9)	76.6	(3.6)	82.2	(3.1)	86.9	(3.2)	86.5	(3.2)
Luxembourg	-0.40	(0.00)	74.9	(0.1)	84.2	(0.1)	54.8	(0.1)	91.3	(0.0)	84.8	(0.0)
Mexico	-0.01	(0.07)	67.7	(3.4)	86.5	(1.8)	73.3	(3.3)	92.2	(1.1)	76.0	(3.2)
Netherlands	-0.45	(0.07)	69.9	(4.0)	71.6	(4.3)	56.7	(4.3)	92.9	(2.9)	78.2	(3.9)
New Zealand	-0.65	(0.04)	62.0	(2.9)	75.6	(3.1)	58.7	(3.0)	79.9	(2.4)	85.0	(2.6)
Norway	-0.42	(0.05)	79.7	(3.0)	64.5	(3.8)	26.2	(3.6)	96.6	(1.4)	87.8	(2.7)
Poland	-0.30	(0.06)	55.4	(3.6)	79.2	(3.2)	60.1	(4.2)	90.4	(2.3)	92.5	(2.2)
Portugal	-0.38	(0.07)	50.0	(4.0)	84.0	(3.0)	65.4	(4.1)	97.3	(1.3)	90.7	(2.6)
Slovak Republic	-0.01	(0.05)	c	c	87.6	(1.9)	60.1	(3.6)	96.1	(1.8)	94.9	(1.3)
Spain	-0.26	(0.07)	61.6	(3.2)	66.2	(3.4)	40.7	(2.9)	95.3	(1.4)	86.8	(2.4)
Sweden	-0.35	(0.05)	71.8	(3.3)	74.8	(3.4)	49.6	(3.8)	95.4	(1.6)	83.4	(2.6)
Switzerland	-0.26	(0.08)	89.3	(2.0)	82.6	(3.6)	48.3	(4.2)	80.7	(2.8)	75.6	(3.9)
Turkey	-0.56	(0.14)	55.4	(4.6)	62.9	(5.0)	54.3	(4.9)	77.7	(3.9)	68.0	(4.7)
United States	-0.52	(0.06)	64.3	(3.2)	77.9	(2.8)	72.8	(2.7)	78.7	(3.1)	85.8	(2.4)
OECD average 2003	-0.25	(0.01)	68.2	(0.6)	77.7	(0.6)	58.7	(0.7)	89.8	(0.4)	84.7	(0.5)
<b>Partners</b>												
Brazil	-0.39	(0.10)	55.0	(3.9)	70.3	(3.5)	55.5	(3.6)	79.2	(3.1)	74.0	(3.9)
Hong Kong-China	0.17	(0.13)	79.2	(3.4)	72.2	(3.5)	68.7	(3.7)	82.2	(3.3)	75.2	(3.3)
Indonesia	-1.90	(0.13)	27.8	(3.6)	31.5	(3.5)	21.1	(3.6)	32.6	(4.0)	36.2	(3.8)
Latvia	-0.37	(0.08)	42.8	(4.2)	85.8	(3.1)	75.6	(3.8)	89.3	(2.7)	92.5	(2.3)
Liechtenstein	-0.72	(0.00)	51.8	(0.4)	80.8	(0.2)	6.5	(0.1)	100.0	c	45.6	(0.5)
Macao-China	-0.74	(0.01)	48.8	(0.3)	43.8	(0.2)	45.5	(0.3)	60.8	(0.3)	68.2	(0.3)
Russian Federation	-1.25	(0.11)	14.1	(2.5)	51.2	(4.0)	58.6	(3.7)	58.7	(4.3)	59.3	(4.0)
Thailand	0.05	(0.07)	81.2	(3.3)	92.0	(2.2)	81.2	(2.5)	98.2	(1.0)	95.9	(1.5)
Tunisia	-1.40	(0.11)	33.1	(4.0)	41.9	(4.2)	21.8	(3.3)	54.9	(3.8)	57.4	(4.0)
Uruguay	0.29	(0.07)	58.0	(4.1)	83.3	(2.5)	87.9	(2.5)	92.6	(2.0)	88.5	(2.0)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *index of student-related factors affecting school climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).  
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[Part 2/3]

**Change between 2003 and 2012 in student-related factors affecting school climate**Table IV.5.20 *Results based on school principals' reports*

	PISA 2012											
	Index of student-related factors affecting school climate		Percentage of students in schools whose principals reported that the following phenomena hindered learning "not at all" or "very little"									
			Students skipping classes		Students lacking respect for teachers		Disruption of classes by students		Student use of alcohol or illegal drugs		Students intimidating or bullying other students	
			Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>												
Australia	-0.18	(0.04)	75.4	(1.6)	76.9	(1.5)	67.9	(1.9)	95.5	(0.7)	81.3	(1.3)
Austria	-0.30	(0.08)	59.2	(3.8)	78.4	(3.3)	62.5	(3.7)	94.5	(1.8)	82.8	(3.0)
Belgium	-0.08	(0.06)	79.9	(2.2)	82.0	(2.5)	69.5	(2.4)	94.3	(1.5)	85.2	(1.9)
Canada	-0.47	(0.04)	43.2	(2.5)	89.2	(1.5)	81.2	(2.1)	79.6	(1.9)	84.9	(1.9)
Czech Republic	0.20	(0.06)	60.2	(3.8)	83.9	(2.8)	66.4	(3.5)	97.9	(1.1)	94.9	(1.9)
Denmark	0.07	(0.07)	78.6	(3.0)	81.4	(2.9)	65.8	(3.3)	97.0	(1.1)	94.8	(1.5)
Finland	-0.50	(0.04)	65.0	(2.8)	67.7	(3.3)	41.2	(3.6)	98.1	(0.7)	70.1	(3.3)
France	0.01	(0.06)	71.7	(2.9)	85.7	(2.0)	72.8	(2.6)	87.7	(2.2)	94.6	(1.5)
Germany	-0.18	(0.04)	83.5	(2.6)	82.4	(2.6)	58.1	(3.2)	98.1	(1.1)	85.4	(2.6)
Greece	0.03	(0.08)	77.9	(3.0)	82.4	(2.8)	58.5	(3.9)	92.0	(2.1)	88.7	(2.4)
Hungary	0.13	(0.05)	78.5	(2.6)	82.7	(2.3)	71.9	(2.8)	93.4	(1.9)	94.2	(1.6)
Iceland	0.31	(0.01)	91.6	(0.2)	87.1	(0.2)	64.4	(0.2)	95.9	(0.1)	95.2	(0.2)
Ireland	-0.09	(0.06)	85.4	(3.0)	80.6	(3.0)	77.0	(3.0)	88.9	(2.6)	85.8	(3.0)
Italy	0.01	(0.04)	63.4	(2.1)	84.3	(1.5)	65.9	(2.1)	97.0	(0.7)	94.4	(1.2)
Japan	0.31	(0.07)	90.0	(1.9)	82.2	(2.7)	94.8	(1.7)	98.5	(0.8)	95.7	(1.5)
Korea	0.07	(0.09)	85.3	(2.9)	61.7	(3.8)	69.4	(3.5)	93.1	(1.9)	79.6	(3.5)
Luxembourg	-0.27	(0.00)	88.4	(0.1)	84.1	(0.1)	59.5	(0.1)	99.0	(0.0)	89.3	(0.1)
Mexico	0.01	(0.03)	67.3	(1.9)	89.6	(1.3)	87.4	(1.3)	90.7	(1.2)	86.8	(1.3)
Netherlands	-0.40	(0.05)	70.6	(3.3)	77.6	(3.8)	62.9	(4.2)	88.9	(2.6)	76.4	(2.8)
New Zealand	-0.25	(0.06)	67.1	(3.5)	87.9	(2.7)	77.1	(3.2)	93.3	(2.3)	88.4	(2.4)
Norway	-0.12	(0.05)	70.2	(3.2)	72.3	(3.2)	50.4	(3.7)	100.0	c	91.3	(2.3)
Poland	0.05	(0.06)	59.8	(4.1)	83.6	(3.3)	70.0	(3.9)	99.3	(0.6)	93.3	(2.1)
Portugal	-0.14	(0.09)	58.7	(3.9)	69.3	(4.2)	46.1	(4.2)	92.5	(2.1)	90.8	(2.6)
Slovak Republic	-0.22	(0.06)	28.2	(3.2)	68.2	(3.5)	53.5	(4.0)	98.6	(0.8)	97.6	(0.9)
Spain	0.19	(0.05)	74.6	(2.4)	76.4	(2.1)	62.3	(2.6)	96.2	(1.2)	96.0	(1.0)
Sweden	-0.19	(0.05)	59.9	(3.7)	77.6	(3.2)	66.0	(3.4)	95.3	(1.7)	89.9	(2.3)
Switzerland	-0.04	(0.06)	82.5	(2.8)	84.5	(2.4)	60.5	(3.7)	91.2	(2.0)	91.6	(1.7)
Turkey	-0.30	(0.07)	45.9	(3.4)	79.4	(3.5)	72.1	(4.0)	94.4	(1.8)	90.7	(2.6)
United States	-0.14	(0.08)	69.0	(3.7)	84.7	(3.0)	83.9	(3.3)	82.6	(3.1)	88.0	(2.7)
OECD average 2003	-0.09	(0.01)	70.0	(0.6)	79.9	(0.5)	66.7	(0.6)	94.1	(0.3)	88.7	(0.4)
<b>Partners</b>												
Brazil	-0.49	(0.06)	52.1	(2.6)	58.4	(2.6)	39.8	(2.4)	82.2	(2.0)	77.4	(2.2)
Hong Kong-China	0.37	(0.06)	94.2	(1.9)	85.5	(2.8)	86.6	(2.7)	98.8	(0.9)	94.0	(1.8)
Indonesia	0.78	(0.06)	97.0	(1.5)	97.0	(1.4)	94.3	(1.9)	98.9	(0.9)	99.2	(0.8)
Latvia	-0.19	(0.06)	58.8	(3.3)	79.5	(3.1)	69.4	(3.6)	95.7	(1.5)	97.5	(1.0)
Liechtenstein	0.12	(0.02)	92.9	(0.8)	86.7	(0.9)	38.2	(0.8)	93.3	(0.6)	94.5	(0.9)
Macao-China	0.53	(0.00)	93.1	(0.0)	79.4	(0.0)	76.5	(0.0)	89.5	(0.0)	83.2	(0.0)
Russian Federation	-0.19	(0.11)	29.7	(3.0)	65.4	(2.8)	75.9	(3.2)	79.7	(3.2)	80.5	(3.0)
Thailand	0.02	(0.06)	70.3	(3.6)	91.2	(2.1)	87.2	(2.5)	92.9	(2.1)	93.5	(1.7)
Tunisia	-0.73	(0.08)	47.4	(4.3)	64.4	(3.9)	53.2	(3.6)	94.1	(2.1)	79.9	(3.2)
Uruguay	0.00	(0.08)	64.3	(3.5)	80.5	(2.3)	64.3	(3.0)	94.4	(1.6)	80.9	(2.8)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the *index of student-related factors affecting school climate* have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).  
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[Part 3/3]


## Change between 2003 and 2012 in student-related factors affecting school climate

Table IV.5.20 Results based on school principals' reports

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)											
		Index of student-related factors affecting school climate		Percentage of students in schools whose principals reported that the following phenomena hindered learning "not at all" or "very little"									
				Students skipping classes		Students lacking respect for teachers		Disruption of classes by students		Student use of alcohol or illegal drugs		Students intimidating or bullying other students	
		Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	0.09	(0.06)	-4.9	(2.8)	-1.3	(2.9)	5.0	(3.5)	1.3	(1.4)	5.1	(2.9)
	Austria	-0.03	(0.10)	1.8	(5.3)	-4.5	(4.5)	0.9	(5.5)	3.1	(2.8)	-2.3	(3.9)
	Belgium	<b>-0.22</b>	(0.09)	1.1	(3.3)	-0.4	(3.4)	-4.2	(3.4)	1.6	(2.4)	-0.7	(3.1)
	Canada	<b>0.21</b>	(0.06)	0.8	(3.5)	<b>13.9</b>	(2.8)	<b>15.3</b>	(3.4)	<b>11.5</b>	(2.8)	3.1	(2.8)
	Czech Republic	<b>0.27</b>	(0.08)	<b>-15.6</b>	(4.7)	0.2	(3.6)	2.6	(4.5)	-0.3	(1.4)	-2.9	(2.1)
	Denmark	0.07	(0.08)	-7.0	(3.8)	-6.0	(3.7)	7.5	(4.6)	-2.2	(1.2)	1.7	(2.2)
	Finland	<b>-0.13</b>	(0.06)	-0.9	(4.7)	<b>-20.0</b>	(4.2)	<b>-20.2</b>	(5.2)	1.9	(1.7)	<b>-22.4</b>	(3.9)
	France	m	m	m	m	m	m	m	m	m	m	m	m
	Germany	0.15	(0.08)	<b>8.8</b>	(4.0)	4.6	(4.1)	8.8	(4.8)	<b>7.1</b>	(2.1)	<b>9.4</b>	(3.9)
	Greece	<b>0.60</b>	(0.19)	<b>24.3</b>	(6.0)	<b>29.7</b>	(6.1)	10.6	(7.1)	<b>23.3</b>	(6.0)	<b>12.0</b>	(5.8)
	Hungary	0.04	(0.10)	4.5	(4.7)	-3.3	(4.0)	<b>13.6</b>	(4.7)	-0.9	(2.8)	2.4	(2.8)
	Iceland	<b>0.51</b>	(0.01)	<b>19.4</b>	(0.2)	<b>9.3</b>	(0.2)	<b>26.4</b>	(0.3)	<b>1.1</b>	(0.1)	<b>19.8</b>	(0.2)
	Ireland	<b>0.46</b>	(0.11)	6.8	(4.8)	3.4	(5.2)	<b>23.8</b>	(5.2)	<b>13.0</b>	(4.8)	6.6	(4.7)
	Italy	<b>0.26</b>	(0.07)	<b>26.7</b>	(3.8)	1.3	(3.2)	6.7	(3.9)	<b>-2.3</b>	(0.8)	2.1	(2.1)
	Japan	0.08	(0.10)	<b>12.5</b>	(3.6)	<b>13.9</b>	(4.2)	<b>7.4</b>	(3.1)	-0.8	(1.1)	3.0	(2.7)
	Korea	<b>-0.69</b>	(0.16)	-1.8	(4.1)	<b>-14.9</b>	(5.2)	<b>-12.8</b>	(4.7)	6.2	(3.7)	-6.9	(4.8)
	Luxembourg	<b>0.13</b>	(0.00)	<b>13.4</b>	(0.1)	-0.1	(0.1)	<b>4.8</b>	(0.1)	<b>7.7</b>	(0.0)	<b>4.5</b>	(0.1)
	Mexico	0.02	(0.08)	-0.5	(3.9)	3.1	(2.2)	<b>14.1</b>	(3.5)	-1.5	(1.6)	<b>10.8</b>	(3.4)
	Netherlands	0.05	(0.09)	0.7	(5.2)	6.0	(5.7)	6.3	(6.0)	-4.0	(3.9)	-1.7	(4.8)
	New Zealand	<b>0.40</b>	(0.07)	5.1	(4.5)	<b>12.3</b>	(4.1)	<b>18.5</b>	(4.4)	<b>13.4</b>	(3.3)	3.4	(3.5)
	Norway	<b>0.30</b>	(0.08)	<b>-9.5</b>	(4.4)	7.8	(5.0)	<b>24.2</b>	(5.2)	3.4	c	3.5	(3.5)
	Poland	<b>0.35</b>	(0.09)	4.4	(5.4)	4.4	(4.6)	9.9	(5.7)	<b>8.9</b>	(2.4)	0.8	(3.1)
	Portugal	<b>0.24</b>	(0.12)	8.6	(5.6)	<b>-14.7</b>	(5.2)	<b>-19.3</b>	(5.9)	-4.8	(2.5)	0.1	(3.7)
	Slovak Republic	<b>-0.21</b>	(0.08)	c	c	<b>-19.5</b>	(4.0)	-6.5	(5.4)	2.5	(2.0)	2.8	(1.6)
	Spain	<b>0.45</b>	(0.08)	<b>13.0</b>	(4.0)	<b>10.3</b>	(4.0)	<b>21.5</b>	(3.9)	0.9	(1.9)	<b>9.2</b>	(2.6)
	Sweden	<b>0.15</b>	(0.07)	<b>-11.9</b>	(4.9)	2.8	(4.6)	<b>16.4</b>	(5.0)	-0.2	(2.3)	6.5	(3.4)
Switzerland	<b>0.22</b>	(0.10)	<b>-6.8</b>	(3.4)	1.9	(4.4)	<b>12.2</b>	(5.6)	<b>10.5</b>	(3.4)	<b>16.0</b>	(4.3)	
Turkey	0.26	(0.16)	-9.5	(5.7)	<b>16.5</b>	(6.1)	<b>17.8</b>	(6.3)	<b>16.8</b>	(4.3)	<b>22.7</b>	(5.3)	
United States	<b>0.38</b>	(0.10)	4.7	(4.8)	6.8	(4.1)	<b>11.1</b>	(4.3)	4.0	(4.4)	2.2	(3.6)	
OECD average 2003	<b>0.16</b>	(0.02)	<b>3.3</b>	(0.8)	<b>2.3</b>	(0.8)	<b>7.9</b>	(0.9)	<b>4.3</b>	(0.5)	<b>4.0</b>	(0.7)	
Partners	Brazil	-0.09	(0.12)	-2.8	(4.7)	<b>-11.9</b>	(4.4)	<b>-15.7</b>	(4.3)	3.0	(3.7)	3.4	(4.5)
	Hong Kong-China	0.19	(0.15)	<b>15.0</b>	(3.9)	<b>13.3</b>	(4.5)	<b>17.8</b>	(4.6)	<b>16.6</b>	(3.4)	<b>18.7</b>	(3.8)
	Indonesia	<b>2.68</b>	(0.14)	<b>69.2</b>	(3.9)	<b>65.5</b>	(3.7)	<b>73.2</b>	(4.0)	<b>66.2</b>	(4.1)	<b>63.0</b>	(3.9)
	Latvia	0.18	(0.10)	<b>16.0</b>	(5.3)	-6.3	(4.4)	-6.2	(5.2)	<b>6.4</b>	(3.1)	<b>5.1</b>	(2.5)
	Liechtenstein	<b>0.85</b>	(0.02)	<b>41.2</b>	(0.9)	<b>5.9</b>	(0.9)	<b>31.7</b>	(0.8)	-6.7	c	<b>49.0</b>	(1.0)
	Macao-China	<b>1.28</b>	(0.01)	<b>44.2</b>	(0.3)	<b>35.6</b>	(0.2)	<b>31.0</b>	(0.3)	<b>28.7</b>	(0.3)	<b>15.1</b>	(0.3)
	Russian Federation	<b>1.06</b>	(0.15)	<b>15.6</b>	(3.9)	<b>14.1</b>	(4.9)	<b>17.4</b>	(4.9)	<b>21.0</b>	(5.4)	<b>21.2</b>	(5.0)
	Thailand	-0.04	(0.09)	<b>-10.9</b>	(4.9)	-0.7	(3.0)	5.9	(3.5)	<b>-5.3</b>	(2.3)	-2.5	(2.3)
	Tunisia	<b>0.67</b>	(0.13)	<b>14.3</b>	(5.8)	<b>22.5</b>	(5.7)	<b>31.3</b>	(4.9)	<b>39.2</b>	(4.4)	<b>22.5</b>	(5.2)
	Uruguay	<b>-0.29</b>	(0.11)	6.3	(5.4)	-2.7	(3.4)	<b>-23.6</b>	(3.9)	1.8	(2.6)	<b>-7.6</b>	(3.4)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of student-related factors affecting school climate have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).  
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[Part 1/2]  
Change between 2003 and 2012 in teacher morale  
Results based on school principals' reports

Table IV.5.21

	PISA 2003										PISA 2012																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Index of teacher morale		Percentage of students in schools whose principals agree or strongly agree with the following statements:								Index of teacher morale		Percentage of students in schools whose principals agree or strongly agree with the following statements:																																																																																																																																																																																																																																																																																																																																																																																																																																												
			The morale of teachers in this school is high		Teachers work with enthusiasm		Teachers take pride in this school		Teachers value academic achievement				The morale of teachers in this school is high		Teachers work with enthusiasm		Teachers take pride in this school		Teachers value academic achievement																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																							
<b>OECD</b>	Australia	0.02 (0.06)	90.1 (1.8)	96.9 (1.6)	97.5 (1.0)	99.8 (0.2)	0.14 (0.03)	93.5 (1.0)	97.5 (0.6)	97.8 (0.6)	99.2 (0.3)	Austria	0.31 (0.07)	98.2 (1.0)	98.8 (0.9)	97.1 (1.6)	99.0 (0.8)	0.54 (0.07)	99.9 (0.1)	100.0 c	98.0 (0.9)	98.7 (0.9)	Belgium	-0.54 (0.05)	87.4 (2.1)	93.4 (1.4)	95.0 (1.1)	90.5 (1.6)	-0.27 (0.06)	88.7 (2.0)	95.3 (1.4)	94.5 (1.5)	94.6 (1.5)	Canada	-0.04 (0.05)	87.7 (1.7)	95.3 (1.1)	97.5 (0.7)	99.0 (0.4)	0.18 (0.04)	90.2 (1.3)	96.2 (1.0)	98.9 (0.4)	99.6 (0.2)	Czech Republic	-0.32 (0.05)	96.4 (1.2)	85.7 (2.5)	96.9 (1.1)	99.3 (0.5)	-0.10 (0.05)	99.6 (0.3)	92.0 (1.7)	97.6 (0.9)	99.7 (0.3)	Denmark	0.14 (0.06)	98.8 (0.9)	100.0 c	99.2 (0.5)	97.6 (0.7)	0.40 (0.06)	98.7 (0.7)	99.4 (0.5)	96.4 (1.4)	99.4 (0.4)	Finland	0.14 (0.05)	97.9 (1.1)	96.2 (1.2)	95.9 (1.3)	99.4 (0.6)	0.33 (0.06)	99.2 (0.6)	97.0 (1.2)	93.8 (2.1)	99.6 (0.4)	France	w w	w w	w w	w w	w w	-0.39 (0.07)	79.8 (3.1)	86.5 (2.5)	94.3 (1.7)	91.8 (1.9)	Germany	-0.12 (0.06)	96.6 (1.4)	96.1 (1.2)	89.6 (2.0)	97.4 (1.2)	0.01 (0.06)	96.7 (1.4)	99.1 (0.6)	93.0 (1.9)	95.8 (1.5)	Greece	-0.08 (0.12)	87.1 (3.3)	83.7 (3.6)	87.3 (3.0)	99.3 (0.7)	-0.41 (0.09)	83.5 (2.8)	84.0 (2.7)	85.5 (3.5)	91.8 (2.6)	Hungary	-0.06 (0.08)	96.4 (1.8)	86.6 (3.0)	95.9 (1.6)	100.0 (0.0)	-0.02 (0.07)	96.5 (1.1)	87.6 (2.4)	95.3 (1.5)	99.0 (0.8)	Iceland	0.45 (0.00)	98.7 (0.0)	98.8 (0.0)	98.4 (0.0)	99.0 (0.0)	0.53 (0.00)	97.5 (0.1)	95.3 (0.1)	97.9 (0.1)	99.0 (0.1)	Ireland	0.09 (0.09)	87.6 (2.6)	96.8 (1.6)	95.0 (1.8)	98.8 (0.9)	0.49 (0.08)	93.6 (2.0)	96.5 (1.5)	98.7 (0.9)	100.0 c	Italy	-0.76 (0.05)	75.4 (2.4)	81.2 (2.8)	87.4 (2.0)	94.0 (1.4)	-0.60 (0.03)	73.1 (1.7)	79.8 (1.7)	91.7 (1.1)	96.6 (0.6)	Japan	-0.52 (0.08)	90.1 (2.5)	93.6 (1.9)	79.7 (3.0)	75.4 (3.2)	-0.49 (0.07)	96.6 (1.5)	97.7 (1.3)	89.8 (2.3)	75.6 (2.6)	Korea	-0.56 (0.08)	80.2 (3.4)	93.4 (2.0)	85.2 (3.1)	86.8 (2.7)	-0.32 (0.09)	79.3 (3.0)	96.5 (1.6)	90.8 (2.2)	93.4 (1.8)	Luxembourg	-0.54 (0.00)	92.2 (0.0)	92.2 (0.0)	85.6 (0.0)	100.0 c	0.00 (0.00)	97.2 (0.0)	100.0 c	96.1 (0.1)	100.0 c	Mexico	-0.17 (0.07)	91.1 (1.9)	89.9 (1.9)	87.2 (2.7)	92.4 (1.9)	-0.05 (0.04)	95.0 (0.9)	93.5 (0.9)	94.2 (0.9)	95.3 (0.9)	Netherlands	-0.35 (0.06)	98.2 (1.0)	100.0 c	96.7 (1.6)	96.9 (1.5)	-0.19 (0.07)	97.5 (1.1)	100.0 c	96.0 (1.5)	94.9 (1.6)	New Zealand	-0.01 (0.07)	91.2 (2.0)	97.9 (1.1)	97.8 (1.1)	97.3 (1.2)	0.36 (0.06)	94.3 (1.3)	99.5 (0.5)	98.7 (0.4)	100.0 c	Norway	-0.11 (0.07)	98.2 (1.1)	94.8 (1.7)	91.1 (2.3)	100.0 c	0.26 (0.06)	98.9 (0.8)	97.7 (1.1)	96.1 (1.5)	99.6 (0.5)	Poland	-0.08 (0.07)	81.4 (3.1)	96.9 (1.1)	94.9 (1.8)	99.4 (0.6)	-0.14 (0.08)	86.1 (2.8)	96.5 (1.4)	99.2 (0.7)	98.5 (1.0)	Portugal	-0.57 (0.07)	70.7 (4.1)	84.6 (3.3)	96.6 (1.3)	98.6 (1.0)	-0.17 (0.08)	76.3 (3.3)	89.2 (2.8)	96.4 (2.1)	99.6 (0.2)	Slovak Republic	-0.33 (0.06)	98.0 (0.9)	81.5 (2.4)	94.5 (1.7)	99.0 (0.6)	-0.27 (0.06)	97.9 (1.1)	85.2 (2.7)	96.5 (1.7)	97.6 (1.5)	Spain	-0.51 (0.06)	79.0 (2.9)	89.8 (2.5)	93.4 (1.8)	97.0 (1.1)	-0.43 (0.05)	76.3 (2.0)	85.4 (2.4)	94.3 (1.2)	93.9 (1.6)	Sweden	0.32 (0.06)	99.5 (0.5)	99.5 (0.5)	95.9 (1.5)	99.0 (0.7)	0.39 (0.07)	96.9 (1.3)	96.9 (1.3)	93.9 (1.9)	100.0 c	Switzerland	0.04 (0.07)	94.2 (1.5)	99.3 (0.1)	93.9 (1.7)	98.2 (0.5)	0.31 (0.06)	96.2 (1.3)	98.4 (0.9)	98.6 (0.8)	97.2 (1.3)	Turkey	-0.54 (0.11)	81.6 (3.4)	81.0 (3.9)	84.5 (3.0)	83.7 (3.4)	-0.23 (0.08)	88.4 (2.6)	88.8 (3.0)	86.8 (2.7)	98.2 (1.1)	United States	0.07 (0.07)	88.5 (2.4)	95.3 (1.3)	96.5 (1.1)	99.4 (0.5)	-0.03 (0.08)	81.4 (3.2)	95.2 (1.8)	97.9 (0.9)	99.5 (0.5)	OECD average 2003	-0.17 (0.01)	90.4 (0.4)	92.8 (0.4)	93.1 (0.3)	96.3 (0.3)	0.01 (0.01)	91.7 (0.3)	94.3 (0.3)	95.2 (0.3)	97.0 (0.3)	<b>Partners</b>	Brazil	-0.26 (0.08)	89.9 (2.7)	83.2 (3.2)	93.7 (2.4)	94.1 (2.3)	-0.50 (0.05)	75.6 (2.5)	77.7 (2.3)	92.8 (1.2)	94.5 (1.1)	Hong Kong-China	-0.51 (0.07)	85.9 (2.8)	94.8 (1.8)	87.1 (2.4)	94.9 (1.5)	-0.42 (0.07)	78.2 (3.5)	98.0 (1.1)	88.8 (2.4)	100.0 c	Indonesia	0.41 (0.07)	97.6 (1.1)	93.9 (1.6)	96.1 (1.5)	99.1 (0.6)	0.59 (0.07)	100.0 c	97.9 (0.9)	98.5 (1.0)	100.0 c	Latvia	-0.02 (0.07)	98.9 (0.8)	97.9 (1.1)	98.2 (1.0)	95.8 (1.7)	0.09 (0.06)	100.0 c	98.2 (1.1)	99.6 (0.4)	98.8 (0.7)	Liechtenstein	-0.35 (0.01)	100.0 c	100.0 c	100.0 c	100.0 c	0.08 (0.01)	100.0 c	100.0 c	100.0 c	100.0 c	Macao-China	-0.77 (0.00)	82.4 (0.2)	96.7 (0.1)	83.4 (0.1)	91.7 (0.1)	-0.50 (0.00)	92.7 (0.0)	92.7 (0.0)	88.8 (0.0)	91.4 (0.0)	Russian Federation	-0.37 (0.06)	93.4 (1.8)	86.8 (2.0)	97.4 (1.5)	98.1 (0.8)	-0.04 (0.05)	97.8 (0.9)	91.6 (1.7)	96.8 (1.1)	98.1 (1.0)	Thailand	-0.33 (0.09)	88.8 (2.7)	86.8 (3.1)	92.4 (2.3)	91.0 (2.6)	0.06 (0.08)	90.1 (2.5)	93.9 (1.9)	96.8 (1.4)	95.9 (1.5)	Tunisia	-0.10 (0.08)	93.2 (2.1)	90.3 (2.2)	95.2 (1.5)	91.7 (2.4)	-0.66 (0.09)	74.3 (3.5)	67.7 (3.4)	82.2 (3.3)	92.0 (2.4)	Uruguay	-0.28 (0.06)	98.0 (0.7)	91.3 (2.1)	95.0 (1.4)	98.0 (1.1)	-0.28 (0.07)	91.3 (2.1)	88.0 (2.3)	91.6 (2.1)	93.2 (1.9)
<b>Partners</b>	Brazil	-0.26 (0.08)	89.9 (2.7)	83.2 (3.2)	93.7 (2.4)	94.1 (2.3)	-0.50 (0.05)	75.6 (2.5)	77.7 (2.3)	92.8 (1.2)	94.5 (1.1)	Hong Kong-China	-0.51 (0.07)	85.9 (2.8)	94.8 (1.8)	87.1 (2.4)	94.9 (1.5)	-0.42 (0.07)	78.2 (3.5)	98.0 (1.1)	88.8 (2.4)	100.0 c	Indonesia	0.41 (0.07)	97.6 (1.1)	93.9 (1.6)	96.1 (1.5)	99.1 (0.6)	0.59 (0.07)	100.0 c	97.9 (0.9)	98.5 (1.0)	100.0 c	Latvia	-0.02 (0.07)	98.9 (0.8)	97.9 (1.1)	98.2 (1.0)	95.8 (1.7)	0.09 (0.06)	100.0 c	98.2 (1.1)	99.6 (0.4)	98.8 (0.7)	Liechtenstein	-0.35 (0.01)	100.0 c	100.0 c	100.0 c	100.0 c	0.08 (0.01)	100.0 c	100.0 c	100.0 c	100.0 c	Macao-China	-0.77 (0.00)	82.4 (0.2)	96.7 (0.1)	83.4 (0.1)	91.7 (0.1)	-0.50 (0.00)	92.7 (0.0)	92.7 (0.0)	88.8 (0.0)	91.4 (0.0)	Russian Federation	-0.37 (0.06)	93.4 (1.8)	86.8 (2.0)	97.4 (1.5)	98.1 (0.8)	-0.04 (0.05)	97.8 (0.9)	91.6 (1.7)	96.8 (1.1)	98.1 (1.0)	Thailand	-0.33 (0.09)	88.8 (2.7)	86.8 (3.1)	92.4 (2.3)	91.0 (2.6)	0.06 (0.08)	90.1 (2.5)	93.9 (1.9)	96.8 (1.4)	95.9 (1.5)	Tunisia	-0.10 (0.08)	93.2 (2.1)	90.3 (2.2)	95.2 (1.5)	91.7 (2.4)	-0.66 (0.09)	74.3 (3.5)	67.7 (3.4)	82.2 (3.3)	92.0 (2.4)	Uruguay	-0.28 (0.06)	98.0 (0.7)	91.3 (2.1)	95.0 (1.4)	98.0 (1.1)	-0.28 (0.07)	91.3 (2.1)	88.0 (2.3)	91.6 (2.1)	93.2 (1.9)																																																																																																																																																																																																																																																																																																																																											

Notes: Values that are statistically significant are indicated in bold (see Annex A3). Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown. For comparability over time, PISA 2003 values on the index of teacher morale have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).  
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[Part 2/2]  
**Change between 2003 and 2012 in teacher morale**  
 Results based on school principals' reports


Table IV.5.21

		Change between 2003 and 2012 (PISA 2012 - PISA 2003)									
		Index of teacher morale		Percentage of students in schools whose principals agree or strongly agree with the following statements:							
				The morale of teachers in this school is high		Teachers work with enthusiasm		Teachers take pride in this school		Teachers value academic achievement	
		Dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.		
OECD	Australia	0.13	(0.07)	3.4	(2.1)	0.6	(1.7)	0.3	(1.1)	-0.6	(0.4)
	Austria	<b>0.23</b>	(0.10)	1.7	(1.0)	1.2	c	0.9	(1.8)	-0.3	(1.2)
	Belgium	<b>0.28</b>	(0.08)	1.3	(2.9)	1.8	(2.0)	-0.4	(1.9)	4.1	(2.2)
	Canada	<b>0.22</b>	(0.06)	2.5	(2.1)	1.0	(1.4)	1.4	(0.8)	0.6	(0.5)
	Czech Republic	<b>0.22</b>	(0.07)	<b>3.1</b>	(1.2)	<b>6.3</b>	(3.0)	0.8	(1.4)	0.4	(0.5)
	Denmark	<b>0.26</b>	(0.09)	0.0	(1.1)	-0.6	c	-2.8	(1.5)	<b>1.8</b>	(0.8)
	Finland	<b>0.19</b>	(0.08)	1.3	(1.2)	0.8	(1.7)	-2.1	(2.4)	0.2	(0.7)
	France	m	m	m	m	m	m	m	m	m	m
	Germany	0.13	(0.09)	0.0	(2.0)	<b>3.0</b>	(1.4)	3.4	(2.8)	-1.5	(1.9)
	Greece	<b>-0.33</b>	(0.15)	-3.6	(4.3)	0.3	(4.5)	-1.9	(4.6)	<b>-7.5</b>	(2.7)
	Hungary	0.04	(0.10)	0.2	(2.1)	0.9	(3.8)	-0.6	(2.2)	-1.0	(0.8)
	Iceland	<b>0.08</b>	(0.01)	<b>-1.2</b>	(0.1)	<b>-3.5</b>	(0.1)	<b>-0.6</b>	(0.1)	-0.1	(0.1)
	Ireland	<b>0.41</b>	(0.12)	5.9	(3.3)	-0.3	(2.1)	3.7	(2.1)	1.2	c
	Italy	<b>0.16</b>	(0.06)	-2.3	(3.0)	-1.4	(3.2)	4.3	(2.3)	2.6	(1.6)
	Japan	0.04	(0.11)	<b>6.4</b>	(2.9)	4.1	(2.3)	<b>10.1</b>	(3.8)	0.2	(4.1)
	Korea	<b>0.24</b>	(0.12)	-0.9	(4.5)	3.1	(2.6)	5.5	(3.8)	<b>6.6</b>	(3.2)
	Luxembourg	<b>0.55</b>	(0.00)	<b>5.0</b>	(0.0)	7.8	c	<b>10.6</b>	(0.1)	0.0	c
	Mexico	0.12	(0.08)	3.9	(2.1)	3.6	(2.1)	<b>7.0</b>	(2.8)	2.9	(2.1)
	Netherlands	0.16	(0.09)	-0.8	(1.5)	0.0	c	-0.8	(2.2)	-2.1	(2.2)
	New Zealand	<b>0.36</b>	(0.09)	3.1	(2.4)	1.7	(1.2)	0.9	(1.2)	2.7	c
	Norway	<b>0.37</b>	(0.09)	0.7	(1.4)	2.9	(2.1)	5.1	(2.7)	-0.4	c
	Poland	-0.06	(0.10)	4.7	(4.2)	-0.3	(1.8)	<b>4.3</b>	(1.9)	-0.8	(1.2)
	Portugal	<b>0.40</b>	(0.11)	5.6	(5.3)	4.6	(4.4)	-0.2	(2.4)	1.0	(1.0)
	Slovak Republic	0.07	(0.09)	0.0	(1.4)	3.7	(3.6)	2.0	(2.4)	-1.4	(1.6)
	Spain	0.08	(0.08)	-2.6	(3.5)	-4.4	(3.4)	0.9	(2.1)	-3.1	(2.0)
	Sweden	0.07	(0.09)	-2.6	(1.4)	-2.6	(1.4)	-2.0	(2.4)	1.0	c
	Switzerland	<b>0.27</b>	(0.09)	2.0	(2.0)	-0.9	(0.9)	<b>4.7</b>	(1.9)	-0.9	(1.4)
	Turkey	<b>0.31</b>	(0.14)	6.8	(4.3)	7.8	(4.9)	2.2	(4.0)	<b>14.4</b>	(3.6)
United States	-0.10	(0.10)	-7.0	(4.1)	-0.1	(2.2)	1.4	(1.4)	0.1	(0.7)	
OECD average 2003	<b>0.18</b>	(0.02)	<b>1.3</b>	(0.5)	<b>1.5</b>	(0.5)	<b>2.1</b>	(0.5)	0.7	(0.4)	
Partners	Brazil	<b>-0.24</b>	(0.10)	<b>-14.2</b>	(3.7)	-5.5	(3.9)	-0.9	(2.7)	0.4	(2.5)
	Hong Kong-China	0.09	(0.10)	-7.7	(4.4)	3.2	(2.2)	1.7	(3.4)	5.1	c
	Indonesia	0.18	(0.10)	2.4	c	<b>4.0</b>	(1.9)	2.4	(1.8)	0.9	c
	Latvia	0.11	(0.09)	1.1	c	0.3	(1.6)	1.3	(1.1)	3.0	(1.8)
	Liechtenstein	<b>0.42</b>	(0.01)	0.0	c	0.0	c	0.0	c	0.0	c
	Macao-China	<b>0.26</b>	(0.00)	<b>10.3</b>	(0.2)	<b>-4.0</b>	(0.1)	<b>5.4</b>	(0.2)	<b>-0.3</b>	(0.1)
	Russian Federation	<b>0.33</b>	(0.08)	<b>4.4</b>	(2.0)	4.9	(2.7)	-0.6	(1.9)	0.0	(1.2)
	Thailand	<b>0.40</b>	(0.12)	1.3	(3.7)	7.0	(3.6)	4.4	(2.7)	4.9	(3.0)
	Tunisia	<b>-0.55</b>	(0.12)	<b>-19.0</b>	(4.1)	<b>-22.6</b>	(4.0)	<b>-13.0</b>	(3.7)	0.3	(3.4)
	Uruguay	0.01	(0.09)	<b>-6.7</b>	(2.2)	-3.3	(3.2)	-3.4	(2.5)	<b>-4.8</b>	(2.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.

For comparability over time, PISA 2003 values on the index of teacher morale have been rescaled to the PISA 2012 scale of the index. PISA 2003 results reported in this table may thus differ from those presented in *Learning for Tomorrow's World: First Results from PISA 2003* (OECD, 2004) (see Annex A5 for more details).


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[Part 1/1]  
**Change between 2003 and 2012 in arriving late for school**  
 Results based on students' self-reports

Table IV.5.22

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)			
	Percentage of students who reported having arrived late for school in the two weeks prior to the PISA test:				Percentage of students who reported having arrived late for school in the two weeks prior to the PISA test:				Percentage of students who reported having arrived late for school in the two weeks prior to the PISA test:			
	Not at all	One or two times	Three or four times	Five or more times	Not at all	One or two times	Three or four times	Five or more times	Not at all	One or two times	Three or four times	Five or more times
	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.
<b>OECD</b>	63.5 (0.7)	25.5 (0.5)	6.5 (0.3)	4.5 (0.2)	64.5 (0.6)	25.4 (0.5)	6.6 (0.3)	3.5 (0.2)	1.0 (0.9)	-0.1 (0.7)	0.1 (0.4)	<b>-0.9</b> (0.3)
Australia	76.9 (1.1)	16.5 (0.8)	3.6 (0.3)	2.9 (0.3)	79.1 (0.9)	15.6 (0.7)	3.2 (0.3)	2.0 (0.3)	2.2 (1.4)	-0.9 (1.1)	-0.4 (0.4)	<b>-0.9</b> (0.4)
Austria	71.9 (0.8)	20.1 (0.6)	4.3 (0.3)	3.8 (0.3)	72.7 (0.7)	20.8 (0.6)	3.7 (0.3)	2.8 (0.2)	0.7 (1.1)	0.7 (0.8)	-0.6 (0.5)	<b>-0.9</b> (0.4)
Belgium	56.2 (0.6)	27.8 (0.5)	9.3 (0.3)	6.8 (0.3)	56.9 (0.7)	28.6 (0.5)	9.2 (0.4)	5.4 (0.3)	0.7 (0.9)	0.8 (0.7)	-0.1 (0.5)	<b>-1.4</b> (0.4)
Canada	76.9 (0.7)	17.6 (0.6)	3.0 (0.3)	2.5 (0.2)	73.0 (0.8)	20.7 (0.7)	3.3 (0.3)	3.0 (0.3)	<b>-3.9</b> (1.1)	<b>3.2</b> (0.9)	0.3 (0.4)	0.5 (0.4)
Czech Republic	56.9 (1.3)	26.8 (0.8)	9.6 (0.6)	6.7 (0.6)	61.5 (1.1)	26.3 (0.7)	7.5 (0.4)	4.6 (0.4)	<b>4.6</b> (1.7)	-0.5 (1.1)	<b>-2.0</b> (0.8)	<b>-2.1</b> (0.7)
Denmark	55.5 (1.1)	29.7 (0.7)	8.9 (0.5)	5.9 (0.4)	57.0 (0.9)	30.8 (0.7)	8.2 (0.5)	4.0 (0.3)	1.5 (1.5)	1.1 (1.0)	-0.7 (0.7)	<b>-1.9</b> (0.5)
Finland	67.6 (1.2)	24.1 (0.9)	4.9 (0.4)	3.5 (0.3)	67.7 (0.9)	24.4 (0.7)	5.0 (0.4)	2.8 (0.3)	0.2 (1.5)	0.3 (1.2)	0.2 (0.5)	-0.6 (0.4)
France	78.6 (1.0)	15.5 (0.7)	3.4 (0.3)	2.4 (0.3)	77.3 (0.8)	17.8 (0.7)	3.0 (0.3)	1.9 (0.2)	-1.3 (1.2)	<b>2.3</b> (0.9)	-0.5 (0.5)	-0.6 (0.4)
Germany	51.8 (1.1)	30.4 (0.8)	9.4 (0.4)	8.3 (0.5)	50.7 (1.0)	29.3 (0.7)	10.5 (0.5)	9.4 (0.4)	-1.1 (1.4)	-1.1 (1.1)	1.1 (0.6)	1.1 (0.6)
Greece	72.4 (1.0)	20.7 (0.8)	3.8 (0.3)	3.2 (0.4)	75.9 (1.2)	18.6 (1.0)	2.9 (0.4)	2.6 (0.3)	<b>3.5</b> (1.6)	-2.1 (1.3)	-0.8 (0.5)	-0.6 (0.5)
Hungary	54.4 (0.9)	29.3 (0.8)	9.9 (0.5)	6.4 (0.4)	65.0 (0.8)	26.8 (0.8)	5.7 (0.4)	2.5 (0.2)	<b>10.6</b> (1.2)	<b>-2.5</b> (1.1)	<b>-4.2</b> (0.6)	<b>-4.0</b> (0.5)
Iceland	71.3 (1.0)	21.0 (0.8)	4.3 (0.4)	3.4 (0.4)	72.6 (1.0)	20.1 (0.7)	4.8 (0.4)	2.5 (0.3)	1.4 (1.5)	-0.9 (1.1)	0.4 (0.6)	-0.9 (0.5)
Ireland	55.4 (1.0)	29.6 (0.8)	7.9 (0.4)	7.1 (0.4)	64.8 (0.6)	26.3 (0.5)	5.4 (0.3)	3.5 (0.2)	<b>9.4</b> (1.2)	<b>-3.3</b> (0.9)	<b>-2.5</b> (0.5)	<b>-3.7</b> (0.5)
Italy	83.7 (1.0)	11.7 (0.6)	2.6 (0.4)	2.0 (0.3)	91.1 (0.6)	7.5 (0.5)	1.0 (0.1)	0.5 (0.1)	<b>7.4</b> (1.1)	<b>-4.1</b> (0.8)	<b>-1.7</b> (0.4)	<b>-1.5</b> (0.3)
Japan	73.0 (1.0)	17.8 (0.7)	5.3 (0.4)	3.8 (0.3)	74.9 (1.0)	17.3 (0.7)	4.6 (0.4)	3.2 (0.3)	1.9 (1.5)	-0.5 (1.0)	-0.7 (0.5)	-0.7 (0.5)
Korea	64.3 (0.6)	24.5 (0.6)	5.5 (0.4)	5.7 (0.4)	70.9 (0.5)	21.4 (0.5)	4.6 (0.3)	3.1 (0.2)	<b>6.6</b> (0.8)	<b>-3.1</b> (0.8)	<b>-0.9</b> (0.5)	<b>-2.6</b> (0.4)
Luxembourg	54.5 (1.0)	33.5 (0.9)	7.4 (0.3)	4.5 (0.3)	60.1 (0.6)	31.9 (0.5)	5.9 (0.2)	2.1 (0.1)	<b>5.6</b> (1.2)	-1.6 (1.0)	<b>-1.6</b> (0.4)	<b>-2.4</b> (0.3)
Mexico	55.5 (1.1)	31.5 (0.8)	7.3 (0.5)	5.7 (0.6)	69.7 (1.0)	23.4 (0.8)	3.7 (0.3)	3.2 (0.3)	<b>14.2</b> (1.5)	<b>-8.1</b> (1.1)	<b>-3.6</b> (0.6)	<b>-2.4</b> (0.6)
Netherlands	54.3 (1.1)	28.1 (0.8)	9.3 (0.4)	8.3 (0.6)	57.9 (1.3)	28.0 (0.8)	8.9 (0.6)	5.2 (0.3)	<b>3.7</b> (1.7)	-0.1 (1.2)	-0.4 (0.7)	<b>-3.2</b> (0.6)
New Zealand	64.4 (0.9)	24.3 (0.7)	6.0 (0.4)	5.3 (0.4)	70.8 (1.0)	21.2 (0.7)	4.9 (0.4)	3.1 (0.3)	<b>6.4</b> (1.3)	<b>-3.1</b> (1.0)	<b>-1.1</b> (0.5)	<b>-2.2</b> (0.5)
Norway	63.5 (0.9)	23.2 (0.7)	7.3 (0.5)	6.0 (0.4)	57.6 (1.2)	28.2 (0.7)	8.0 (0.5)	6.2 (0.5)	<b>-5.9</b> (1.5)	<b>5.0</b> (1.0)	0.6 (0.7)	0.2 (0.7)
Poland	46.0 (1.1)	39.4 (0.8)	9.0 (0.6)	5.5 (0.4)	44.8 (1.0)	39.0 (0.7)	10.2 (0.5)	6.0 (0.4)	-1.3 (1.5)	-0.4 (1.1)	1.2 (0.8)	0.5 (0.5)
Portugal	77.1 (1.0)	17.9 (0.7)	3.0 (0.3)	2.0 (0.2)	73.8 (0.9)	20.1 (0.8)	3.7 (0.3)	2.5 (0.3)	<b>-3.4</b> (1.3)	<b>2.2</b> (1.1)	0.7 (0.4)	0.4 (0.4)
Slovak Republic	58.8 (0.9)	26.3 (0.6)	7.2 (0.4)	7.7 (0.5)	64.7 (0.8)	24.3 (0.6)	6.5 (0.2)	4.4 (0.2)	<b>5.9</b> (1.2)	<b>-1.9</b> (0.9)	-0.7 (0.4)	<b>-3.3</b> (0.5)
Spain	49.2 (1.2)	29.0 (0.9)	11.8 (0.6)	10.1 (0.5)	44.4 (1.0)	34.3 (0.7)	12.9 (0.5)	8.4 (0.5)	<b>-4.8</b> (1.6)	<b>5.4</b> (1.2)	1.1 (0.8)	<b>-1.6</b> (0.7)
Sweden	73.4 (0.8)	20.4 (0.7)	3.5 (0.2)	2.6 (0.2)	75.7 (0.8)	19.4 (0.6)	3.4 (0.3)	1.5 (0.1)	2.2 (1.2)	-1.0 (0.9)	-0.1 (0.4)	<b>-1.1</b> (0.3)
Switzerland	73.3 (1.1)	20.1 (0.7)	4.0 (0.4)	2.6 (0.4)	56.2 (1.0)	30.1 (0.7)	8.4 (0.5)	5.3 (0.4)	<b>-17.1</b> (1.5)	<b>10.0</b> (1.0)	<b>4.4</b> (0.6)	<b>2.8</b> (0.6)
Turkey	65.4 (1.0)	23.3 (0.8)	6.3 (0.4)	5.0 (0.4)	69.9 (1.2)	21.8 (0.8)	5.1 (0.4)	3.2 (0.4)	<b>4.5</b> (1.5)	-1.5 (1.1)	-1.1 (0.6)	<b>-1.9</b> (0.6)
United States	64.3 (0.2)	24.3 (0.1)	6.4 (0.1)	5.0 (0.1)	66.2 (0.2)	24.1 (0.1)	5.9 (0.1)	3.7 (0.1)	<b>1.9</b> (0.2)	-0.2 (0.2)	<b>-0.5</b> (0.1)	<b>-1.2</b> (0.1)
OECD average 2003												
<b>Partners</b>	63.0 (1.2)	25.8 (0.8)	7.0 (0.5)	4.2 (0.4)	66.3 (0.8)	24.8 (0.6)	5.5 (0.3)	3.4 (0.2)	<b>3.3</b> (1.5)	-0.9 (1.0)	<b>-1.6</b> (0.6)	-0.8 (0.5)
Brazil	83.0 (0.8)	13.4 (0.6)	2.1 (0.2)	1.4 (0.2)	85.4 (0.6)	12.5 (0.5)	1.3 (0.2)	0.8 (0.1)	<b>2.3</b> (1.0)	-0.9 (0.8)	<b>-0.8</b> (0.3)	<b>-0.6</b> (0.3)
Hong Kong-China	64.0 (1.1)	28.4 (0.8)	4.9 (0.4)	2.7 (0.3)	73.0 (1.0)	22.2 (0.8)	3.0 (0.3)	1.7 (0.3)	<b>9.0</b> (1.5)	<b>-6.2</b> (1.1)	<b>-1.9</b> (0.5)	<b>-0.9</b> (0.4)
Indonesia	51.8 (1.5)	30.0 (1.0)	9.9 (0.5)	8.3 (0.7)	43.7 (1.2)	35.0 (0.9)	12.7 (0.6)	8.6 (0.7)	<b>-8.0</b> (1.9)	<b>5.0</b> (1.4)	<b>2.8</b> (0.8)	0.3 (1.0)
Latvia	79.3 (2.4)	14.0 (2.1)	4.9 (1.1)	1.8 (0.8)	81.3 (2.3)	16.5 (2.1)	1.0 (0.6)	1.1 (0.6)	2.1 (3.3)	2.5 (2.9)	<b>-3.9</b> (1.2)	-0.7 (1.0)
Liechtenstein	81.4 (1.1)	14.4 (1.1)	3.2 (0.5)	1.0 (0.2)	74.9 (0.5)	20.9 (0.5)	2.7 (0.2)	1.5 (0.2)	<b>-6.5</b> (1.2)	<b>6.5</b> (1.2)	-0.5 (0.6)	0.5 (0.3)
Macao-China	59.4 (1.2)	27.2 (1.1)	7.1 (0.5)	6.3 (0.4)	53.3 (1.3)	30.9 (0.8)	8.2 (0.5)	7.6 (0.5)	<b>-6.1</b> (1.8)	<b>3.7</b> (1.4)	1.1 (0.7)	<b>1.3</b> (0.6)
Russian Federation	66.0 (1.2)	23.7 (0.8)	5.7 (0.5)	4.6 (0.4)	65.9 (1.2)	24.0 (0.8)	6.3 (0.5)	3.8 (0.3)	-0.1 (1.7)	0.2 (1.1)	0.6 (0.7)	-0.7 (0.5)
Thailand	62.1 (1.1)	27.5 (0.9)	5.7 (0.4)	4.6 (0.4)	48.2 (0.9)	38.4 (0.8)	7.6 (0.4)	5.8 (0.5)	<b>-13.9</b> (1.4)	<b>10.9</b> (1.2)	<b>1.9</b> (0.5)	1.1 (0.7)
Tunisia	43.5 (1.1)	36.2 (0.8)	11.7 (0.6)	8.6 (0.4)	40.7 (0.9)	38.1 (0.7)	12.6 (0.5)	8.6 (0.5)	-2.8 (1.4)	1.9 (1.1)	0.9 (0.8)	0.0 (0.7)
Uruguay												


Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
 Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
 StatLink  <http://dx.doi.org/10.1787/888932957517>

[Part 1/1]

## Change between 2003 and 2012 in the concentration of students arriving late for school

Table IV.5.23 Results based on students' self-reports

	PISA 2003				PISA 2012				Change between 2003 and 2012 (PISA 2012 - PISA 2003)							
	Percentage of students who are in schools where, in the two weeks prior to the PISA test...				Percentage of students who are in schools where, in the two weeks prior to the PISA test...				Percentage of students who are in schools where, in the two weeks prior to the PISA test...							
	Over 50% of students arrived late at least once		More than 25% but 50% of students or fewer arrived late at least once		More than 10% but 25% of students or fewer arrived late at least once		10% of students or fewer arrived late at least once		Over 50% of students arrived late at least once		More than 25% but 50% of students or fewer arrived late at least once		More than 10% but 25% of students or fewer arrived late at least once		10% of students or fewer arrived late at least once	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>																
Australia	13.3 (1.9)		71.2 (2.8)		15.5 (2.3)		0.0 c	17.1 (1.4)	57.1 (1.9)	25.8 (1.7)	0.0 (0.0)	3.8 (2.4)	<b>-14.1</b> (3.4)	<b>10.3</b> (2.8)	0.0 c	
Austria	6.2 (1.7)		33.0 (3.3)		57.4 (3.6)		3.4 (1.0)	6.1 (1.9)	28.5 (3.2)	59.6 (3.7)	5.8 (1.7)	-0.1 (2.6)	-4.5 (4.6)	2.2 (5.2)	2.5 (1.9)	
Belgium	10.2 (1.7)		41.4 (3.2)		48.0 (3.1)		0.4 (0.4)	6.7 (1.3)	46.1 (3.0)	46.9 (2.8)	0.3 (0.2)	-3.5 (2.2)	4.7 (4.4)	-1.1 (4.2)	-0.1 (0.4)	
Canada	32.1 (2.2)		55.4 (2.3)		11.8 (1.3)		0.7 (0.4)	31.5 (2.3)	53.7 (2.7)	14.5 (1.4)	0.2 (0.1)	-0.6 (3.2)	-1.7 (3.5)	2.7 (1.9)	-0.5 (0.5)	
Czech Republic	1.2 (0.6)		38.9 (3.4)		57.7 (3.5)		2.2 (0.9)	8.6 (1.7)	39.3 (2.8)	47.2 (2.8)	4.9 (1.3)	<b>7.4</b> (1.8)	0.5 (4.4)	<b>-10.6</b> (4.5)	2.7 (1.6)	
Denmark	32.7 (3.0)		51.7 (3.0)		15.5 (2.6)		0.1 (0.1)	23.0 (2.8)	52.0 (3.3)	23.9 (2.9)	1.1 (0.8)	<b>-9.7</b> (4.1)	0.3 (4.5)	<b>8.4</b> (3.9)	1.0 (0.8)	
Finland	38.7 (3.9)		50.9 (4.1)		10.4 (1.9)		0.0 (0.0)	33.3 (3.3)	52.6 (3.7)	13.5 (2.4)	0.5 (0.4)	-5.3 (5.1)	1.7 (5.5)	3.1 (3.1)	0.5 (0.4)	
France	9.8 (2.4)		56.2 (4.0)		33.4 (3.9)		0.6 (0.5)	13.9 (2.3)	47.5 (3.3)	37.3 (3.0)	1.2 (0.7)	4.1 (3.3)	-8.7 (5.2)	3.9 (4.9)	0.6 (0.8)	
Germany	3.4 (1.3)		28.7 (3.1)		64.8 (3.3)		3.1 (1.1)	4.2 (1.3)	35.2 (3.4)	57.2 (3.3)	3.4 (1.2)	0.8 (1.8)	6.5 (4.6)	-7.6 (4.7)	0.3 (1.7)	
Greece	44.1 (4.7)		51.3 (4.6)		4.4 (1.2)		0.2 (0.1)	51.1 (4.0)	44.9 (4.1)	3.6 (1.4)	0.4 (0.2)	7.1 (6.1)	-6.4 (6.2)	-0.8 (1.8)	0.1 (0.3)	
Hungary	9.0 (1.9)		43.2 (3.2)		43.3 (3.4)		4.4 (1.5)	10.2 (1.9)	28.9 (3.5)	55.5 (3.6)	5.4 (1.1)	1.2 (2.7)	<b>-14.4</b> (4.8)	<b>12.2</b> (5.0)	1.0 (1.9)	
Iceland	45.3 (0.2)		44.6 (0.2)		8.1 (0.1)		1.9 (0.1)	12.2 (0.1)	65.9 (0.2)	19.6 (0.2)	2.3 (0.1)	<b>-33.1</b> (0.2)	<b>21.3</b> (0.3)	<b>11.4</b> (0.2)	<b>0.4</b> (0.1)	
Ireland	8.9 (2.3)		41.2 (4.5)		49.8 (4.4)		0.0 c	5.6 (1.7)	43.3 (3.5)	51.1 (3.6)	0.0 c	-3.3 (2.9)	2.0 (5.6)	1.3 (5.7)	0.0 c	
Italy	34.2 (3.4)		55.7 (3.2)		9.9 (1.9)		0.2 (0.2)	17.7 (1.6)	56.8 (2.0)	24.8 (1.7)	0.7 (0.3)	<b>-16.5</b> (3.7)	1.1 (3.7)	<b>14.9</b> (2.6)	0.5 (0.3)	
Japan	2.3 (1.2)		20.2 (3.3)		71.4 (3.5)		6.1 (1.9)	0.2 (0.2)	6.2 (1.7)	80.8 (2.9)	12.7 (2.4)	-2.1 (1.2)	<b>-14.0</b> (3.7)	<b>9.5</b> (4.6)	<b>6.6</b> (3.1)	
Korea	5.0 (1.9)		48.1 (4.5)		46.8 (4.2)		0.2 (0.1)	5.1 (1.5)	45.5 (3.6)	47.4 (3.5)	2.0 (1.2)	0.1 (2.4)	-2.5 (5.8)	0.5 (5.5)	1.9 (1.2)	
Luxembourg	10.2 (0.0)		77.6 (0.1)		12.1 (0.1)		0.0 c	3.5 (0.1)	51.9 (0.1)	44.6 (0.1)	0.0 c	<b>-6.8</b> (0.1)	<b>-25.7</b> (0.1)	<b>32.5</b> (0.1)	0.0 c	
Mexico	36.8 (3.1)		53.5 (3.3)		7.8 (1.6)		1.9 (0.8)	27.1 (1.7)	54.3 (1.8)	17.8 (1.4)	0.8 (0.1)	<b>-9.7</b> (3.5)	0.8 (3.8)	<b>10.0</b> (2.2)	-1.1 (0.8)	
Netherlands	40.9 (3.7)		45.2 (4.1)		13.9 (2.8)		0.0 c	11.9 (2.3)	44.4 (3.8)	43.7 (3.7)	0.0 c	<b>-29.1</b> (4.4)	<b>-0.8</b> (5.5)	<b>29.8</b> (4.6)	0.0 c	
New Zealand	34.5 (3.0)		56.7 (2.9)		8.8 (1.9)		0.0 (0.0)	30.1 (3.5)	57.2 (4.1)	12.7 (2.8)	0.1 (0.1)	-4.4 (4.6)	0.4 (5.0)	3.9 (3.4)	0.1 (0.1)	
Norway	12.6 (2.6)		67.3 (3.5)		18.2 (2.9)		2.0 (0.7)	7.6 (2.0)	55.0 (3.6)	35.5 (3.6)	1.8 (0.7)	-4.9 (3.2)	<b>-12.3</b> (5.0)	<b>17.4</b> (4.6)	-0.1 (1.0)	
Poland	17.6 (3.0)		58.3 (3.6)		23.9 (2.8)		0.2 (0.1)	33.3 (3.5)	45.0 (4.0)	21.1 (2.9)	0.5 (0.3)	<b>15.7</b> (4.6)	<b>-13.3</b> (5.3)	-2.7 (4.0)	0.3 (0.3)	
Portugal	65.2 (3.5)		31.2 (3.2)		3.6 (1.6)		0.0 c	64.7 (4.0)	34.2 (4.0)	1.0 (0.8)	0.1 (0.1)	-0.5 (5.3)	3.0 (5.1)	-2.6 (1.8)	0.1 c	
Slovak Republic	2.2 (0.9)		38.4 (3.2)		55.3 (3.4)		4.0 (1.2)	6.0 (1.2)	43.1 (3.7)	46.5 (4.0)	4.5 (1.1)	<b>3.8</b> (1.5)	4.6 (4.9)	-8.8 (5.2)	0.5 (1.6)	
Spain	33.9 (2.9)		51.3 (3.2)		14.8 (2.2)		0.0 (0.0)	17.5 (2.0)	55.2 (3.2)	27.2 (2.9)	0.1 (0.0)	<b>-16.4</b> (3.5)	3.9 (4.6)	<b>12.4</b> (3.6)	0.0 (0.0)	
Sweden	48.2 (3.7)		45.7 (3.7)		5.9 (1.6)		0.2 (0.2)	65.5 (3.4)	32.1 (3.2)	2.1 (1.1)	0.3 (0.2)	<b>17.2</b> (5.0)	<b>-13.6</b> (4.9)	<b>-3.8</b> (1.9)	0.1 (0.2)	
Switzerland	8.0 (1.3)		38.0 (4.0)		51.0 (4.0)		3.0 (0.5)	5.1 (1.3)	36.1 (2.8)	55.7 (3.0)	3.1 (0.9)	-2.9 (1.8)	-1.9 (4.9)	4.7 (5.0)	0.1 (1.1)	
Turkey	5.6 (1.9)		44.7 (4.6)		49.6 (4.4)		0.1 (0.1)	24.9 (3.8)	68.5 (3.9)	6.6 (1.8)	0.1 (0.0)	<b>19.3</b> (4.3)	<b>23.7</b> (6.1)	<b>-42.9</b> (4.8)	-0.1 (0.1)	
United States	19.4 (2.2)		47.8 (3.4)		31.5 (2.7)		1.3 (0.6)	9.5 (2.2)	49.2 (4.3)	40.8 (4.2)	0.5 (0.2)	<b>-9.9</b> (3.1)	1.3 (5.5)	9.4 (5.0)	-0.7 (0.6)	
OECD average 2003	21.8 (0.5)		47.8 (0.6)		29.1 (0.5)		1.2 (0.1)	19.1 (0.4)	45.9 (0.6)	33.2 (0.5)	1.8 (0.2)	<b>-2.7</b> (0.6)	<b>-2.0</b> (0.9)	<b>4.1</b> (0.7)	<b>0.6</b> (0.2)	
<b>Partners</b>																
Brazil	19.8 (3.1)		55.1 (3.9)		24.3 (3.3)		0.8 (0.4)	14.8 (1.8)	50.9 (2.7)	34.0 (2.4)	0.3 (0.1)	-5.0 (3.5)	-4.2 (4.7)	<b>9.7</b> (4.1)	-0.5 (0.4)	
Hong Kong-China	0.6 (0.6)		24.8 (3.1)		72.0 (3.2)		2.6 (1.3)	0.2 (0.0)	11.3 (2.4)	84.6 (2.5)	3.8 (1.3)	-0.4 (0.6)	<b>-13.5</b> (3.9)	<b>12.6</b> (4.0)	1.3 (1.8)	
Indonesia	14.8 (2.4)		65.3 (3.5)		19.2 (2.9)		0.6 (0.6)	9.0 (1.9)	39.2 (3.5)	50.0 (3.2)	1.7 (1.0)	-5.8 (3.0)	<b>-26.1</b> (4.9)	<b>30.9</b> (4.4)	1.1 (1.2)	
Latvia	44.3 (4.2)		45.6 (4.5)		8.9 (2.5)		1.2 (0.7)	65.9 (3.4)	29.7 (3.2)	4.0 (1.4)	0.4 (0.2)	<b>21.6</b> (5.4)	<b>-15.9</b> (5.6)	-4.9 (2.9)	-0.8 (0.8)	
Liechtenstein	0.0 c		15.1 (0.5)		84.9 (0.5)		0.0 c	1.0 (0.6)	18.8 (0.9)	80.2 (1.1)	0.0 c	1.0 c	<b>3.8</b> (1.0)	<b>-4.7</b> (1.2)	0.0 c	
Macao-China	5.1 (0.1)		14.0 (0.2)		80.9 (0.3)		0.0 c	8.2 (0.1)	34.0 (0.0)	57.8 (0.1)	0.0 c	<b>3.1</b> (0.2)	<b>20.0</b> (0.2)	<b>-23.1</b> (0.3)	0.0 c	
Russian Federation	27.3 (3.6)		60.4 (4.0)		10.9 (2.8)		1.4 (0.5)	39.7 (4.0)	48.6 (4.5)	9.9 (2.5)	1.9 (0.4)	<b>12.4</b> (5.4)	-11.8 (6.1)	-1.0 (3.7)	0.5 (0.6)	
Thailand	17.5 (2.7)		47.7 (4.1)		34.5 (3.6)		0.4 (0.3)	21.1 (2.6)	42.8 (3.7)	34.7 (4.0)	1.4 (0.8)	3.6 (3.8)	-4.9 (5.6)	0.2 (5.3)	1.0 (0.8)	
Tunisia	19.2 (3.2)		64.9 (3.8)		15.9 (2.8)		0.0 c	55.9 (4.0)	43.2 (4.1)	0.9 (0.8)	0.0 c	<b>36.7</b> (5.1)	<b>-21.7</b> (5.6)	<b>-15.0</b> (2.9)	0.0 c	
Uruguay	63.4 (3.7)		35.6 (3.7)		0.7 (0.3)		0.3 (0.3)	79.8 (2.7)	18.0 (2.5)	2.2 (1.2)	0.0 c	<b>16.4</b> (4.6)	<b>-17.6</b> (4.5)	1.5 (1.2)	-0.3 c	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).  
Only countries and economies with comparable data from PISA 2003 and PISA 2012 are shown.  
StatLink  <http://dx.doi.org/10.1787/888932957517>





## ANNEX B2

## RESULTS FOR REGIONS WITHIN COUNTRIES

[Part 1/2]

## Grade repetition, by region

Table B2.IV.1 Results based on students' self-reports

		Percentage of students reporting that they have repeated a grade in:																			
		Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary or upper secondary school										
		Never		Twice or more	Never		Twice or more	Never		Twice or more	Primary, lower secondary or upper secondary school										
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.								
OECD	<b>Australia</b>																				
	Australian capital territory	94.4	(0.8)	5.6	(0.8)	0.0	c	99.6	(0.3)	0.4	(0.3)	0.0	c	100.0	c	0.0	c	6.1	(0.9)		
	New South Wales	94.0	(0.4)	5.7	(0.4)	0.3	(0.1)	99.0	(0.2)	1.0	(0.2)	0.0	(0.0)	100.0	c	0.0	c	6.7	(0.5)		
	Northern territory	90.9	(1.5)	8.4	(1.6)	0.7	(0.3)	98.1	(0.4)	1.5	(0.4)	0.5	(0.2)	97.1	(1.8)	0.0	c	2.9	(1.8)	10.5	(1.5)
	Queensland	91.8	(0.5)	7.9	(0.5)	0.3	(0.1)	98.6	(0.3)	1.3	(0.3)	0.2	(0.1)	99.7	(0.2)	0.3	(0.2)	0.0	c	9.2	(0.6)
	South Australia	90.6	(0.8)	8.8	(0.7)	0.6	(0.2)	98.7	(0.3)	1.1	(0.3)	0.2	(0.1)	100.0	c	0.0	c	0.0	c	9.9	(0.8)
	Tasmania	94.3	(0.8)	5.3	(0.8)	0.5	(0.3)	98.0	(0.5)	1.8	(0.5)	0.3	(0.2)	c	c	c	c	c	6.7	(0.9)	
	Victoria	93.5	(0.5)	6.3	(0.5)	0.2	(0.1)	98.8	(0.3)	1.2	(0.3)	0.0	c	100.0	c	0.0	c	0.0	c	7.2	(0.6)
	Western Australia	95.2	(0.5)	4.6	(0.5)	0.2	(0.1)	98.2	(0.4)	1.7	(0.4)	0.1	(0.1)	99.5	(0.3)	0.5	(0.3)	0.0	c	6.1	(0.6)
		<b>Belgium</b>																			
	Flemish community*	82.4	(0.8)	16.5	(0.7)	1.1	(0.2)	91.4	(0.6)	8.2	(0.6)	0.4	(0.1)	94.9	(0.4)	5.1	(0.4)	0.1	(0.0)	27.4	(0.8)
	French community	75.3	(1.2)	19.7	(1.0)	4.9	(0.5)	72.1	(1.1)	25.7	(1.1)	2.2	(0.3)	84.5	(0.8)	15.3	(0.8)	0.1	(0.1)	47.8	(1.1)
	German-speaking community	85.6	(1.0)	12.9	(1.0)	1.5	(0.3)	85.2	(1.2)	14.0	(1.2)	0.8	(0.3)	91.6	(0.9)	8.4	(0.9)	0.0	c	31.7	(1.1)
	<b>Canada</b>																				
	Alberta	94.8	(0.9)	5.0	(0.9)	0.1	(0.1)	98.2	(0.7)	1.7	(0.6)	0.1	(0.1)	99.4	(0.2)	0.6	(0.2)	0.1	(0.1)	6.6	(1.2)
	British Columbia	98.7	(0.4)	1.2	(0.3)	0.1	(0.1)	98.5	(0.3)	1.2	(0.3)	0.3	(0.2)	99.2	(0.2)	0.6	(0.2)	0.2	(0.1)	2.8	(0.5)
	Manitoba	95.1	(0.9)	4.7	(1.0)	0.2	(0.1)	97.6	(0.3)	2.1	(0.3)	0.2	(0.1)	98.5	(0.3)	1.2	(0.3)	0.3	(0.1)	7.1	(0.9)
	New Brunswick	92.8	(0.6)	7.1	(0.6)	0.1	(0.1)	97.1	(0.5)	2.8	(0.5)	0.1	(0.1)	99.0	(0.3)	0.7	(0.3)	0.3	(0.2)	9.6	(0.7)
	Newfoundland and Labrador	97.6	(0.7)	2.4	(0.7)	0.1	(0.1)	99.2	(0.4)	0.7	(0.4)	0.1	(0.1)	99.7	(0.1)	0.2	(0.1)	0.1	(0.1)	3.1	(0.5)
	Nova Scotia	95.8	(2.0)	4.0	(2.0)	0.2	(0.1)	96.3	(2.0)	3.5	(2.0)	0.2	(0.1)	99.9	(0.1)	0.0	c	0.1	(0.1)	6.9	(3.3)
	Ontario	97.5	(0.4)	2.3	(0.4)	0.2	(0.1)	98.6	(0.2)	1.2	(0.2)	0.2	(0.1)	99.0	(0.2)	0.7	(0.2)	0.3	(0.1)	3.7	(0.4)
	Prince Edward Island	95.5	(0.4)	4.4	(0.4)	0.1	(0.1)	99.1	(0.3)	0.9	(0.3)	0.0	c	99.6	(0.2)	0.3	(0.2)	0.1	(0.1)	5.0	(0.4)
	Quebec	91.5	(0.8)	7.5	(0.7)	1.0	(0.3)	86.0	(0.9)	11.8	(0.8)	2.2	(0.4)	99.1	(0.3)	0.7	(0.2)	0.1	(0.1)	20.4	(1.1)
	Saskatchewan	96.2	(0.4)	3.6	(0.4)	0.3	(0.1)	98.3	(0.3)	1.5	(0.3)	0.2	(0.0)	99.3	(0.2)	0.5	(0.2)	0.2	(0.1)	5.2	(0.6)
	<b>Italy</b>																				
	Abruzzo	99.7	(0.2)	0.1	(0.1)	0.2	(0.1)	92.6	(0.9)	6.8	(0.7)	0.7	(0.3)	91.6	(0.9)	8.1	(0.9)	0.3	(0.2)	14.8	(1.4)
	Basilicata	99.5	(0.2)	0.5	(0.2)	0.0	(0.0)	96.3	(0.8)	3.5	(0.7)	0.2	(0.2)	92.6	(0.9)	7.4	(0.9)	0.0	c	10.9	(1.0)
	Bolzano	97.8	(0.6)	2.1	(0.6)	0.1	(0.1)	91.9	(1.1)	7.5	(0.8)	0.6	(0.3)	86.2	(0.7)	13.8	(0.7)	0.0	(0.0)	21.3	(0.9)
	Calabria	98.5	(0.5)	1.3	(0.5)	0.3	(0.1)	93.7	(1.1)	4.9	(1.1)	1.3	(0.4)	95.4	(0.8)	4.6	(0.8)	0.0	c	10.9	(1.3)
	Campania	99.5	(0.3)	0.2	(0.1)	0.4	(0.3)	95.4	(1.0)	3.6	(0.8)	0.9	(0.6)	91.4	(1.0)	8.6	(1.0)	0.0	c	12.2	(1.3)
	Emilia Romagna	98.1	(0.3)	1.8	(0.3)	0.1	(0.1)	91.2	(0.8)	7.6	(0.7)	1.2	(0.5)	87.7	(0.9)	12.3	(0.9)	0.1	(0.1)	20.6	(1.2)
	Friuli Venezia Giulia	98.7	(0.5)	1.2	(0.5)	0.1	(0.1)	90.2	(1.6)	7.7	(1.0)	2.0	(2.0)	89.0	(0.9)	10.9	(0.9)	0.1	(0.1)	20.4	(2.1)
	Lazio	98.9	(0.3)	0.8	(0.3)	0.2	(0.1)	93.0	(1.0)	5.0	(0.7)	2.0	(0.7)	90.4	(1.0)	9.5	(1.1)	0.1	(0.1)	16.3	(1.5)
	Liguria	97.8	(0.6)	2.0	(0.6)	0.2	(0.1)	89.4	(1.6)	8.7	(1.5)	1.9	(0.6)	90.0	(1.6)	9.9	(1.6)	0.1	(0.1)	20.3	(2.5)
	Lombardia	99.4	(0.2)	0.6	(0.2)	0.0	c	94.1	(0.8)	5.3	(0.8)	0.6	(0.2)	87.2	(1.3)	12.8	(1.3)	0.0	c	17.9	(1.6)
	Marche	98.7	(0.5)	1.1	(0.5)	0.2	(0.1)	91.6	(1.2)	6.8	(1.0)	1.6	(0.7)	90.2	(1.4)	9.3	(1.3)	0.4	(0.2)	17.4	(2.0)
	Molise	99.5	(0.2)	0.5	(0.2)	0.1	(0.1)	93.9	(0.7)	5.3	(0.7)	0.8	(0.1)	93.4	(0.8)	6.5	(0.8)	0.1	(0.1)	12.2	(0.8)
	Piemonte	99.0	(0.4)	0.9	(0.3)	0.1	(0.1)	89.4	(1.0)	8.7	(0.8)	1.9	(0.3)	88.7	(1.0)	11.3	(1.0)	0.0	c	21.1	(1.6)
	Puglia	99.3	(0.3)	0.6	(0.3)	0.0	(0.0)	95.5	(0.7)	3.6	(0.6)	0.9	(0.5)	93.2	(0.9)	6.7	(0.9)	0.0	(0.0)	10.7	(1.1)
	Sardegna	99.1	(0.3)	0.6	(0.3)	0.3	(0.2)	86.0	(2.0)	8.9	(1.8)	5.1	(1.1)	84.2	(2.2)	15.4	(2.0)	0.4	(0.3)	26.9	(2.9)
	Sicilia	98.7	(0.5)	1.2	(0.5)	0.1	(0.0)	90.7	(1.7)	6.2	(1.0)	3.1	(0.9)	90.8	(1.0)	8.9	(1.0)	0.3	(0.1)	17.7	(1.9)
	Toscana	98.7	(0.2)	1.2	(0.2)	0.0	(0.0)	91.2	(1.2)	7.6	(1.2)	1.1	(0.3)	87.0	(1.1)	13.0	(1.1)	0.0	c	20.7	(1.5)
	Trento	99.1	(0.4)	0.9	(0.4)	0.0	c	93.8	(1.0)	6.1	(1.0)	0.1	(0.1)	88.8	(1.0)	11.2	(1.0)	0.0	c	16.8	(1.5)
	Umbria	99.0	(0.5)	0.9	(0.5)	0.1	(0.1)	92.6	(1.4)	6.4	(1.2)	1.0	(0.4)	93.2	(0.8)	6.8	(0.8)	0.0	c	14.0	(1.5)
	Valle d'Aosta	96.8	(0.7)	2.6	(0.6)	0.6	(0.2)	82.4	(1.1)	13.8	(1.2)	3.8	(0.5)	81.7	(1.2)	18.3	(1.2)	0.0	c	33.9	(1.1)
	Veneto	98.7	(0.4)	1.2	(0.5)	0.1	(0.1)	91.5	(1.9)	7.9	(1.8)	0.6	(0.2)	89.1	(1.3)	10.9	(1.3)	0.0	(0.0)	19.1	(2.3)
	<b>Mexico</b>																				
	Aguascalientes	87.1	(3.9)	11.8	(3.5)	1.1	(0.5)	96.0	(1.4)	3.6	(1.2)	0.5	(0.4)	99.4	(0.3)	0.6	(0.3)	0.0	c	15.9	(4.4)
	Baja California	89.3	(2.3)	10.1	(2.4)	0.6	(0.2)	98.3	(0.6)	1.7	(0.6)	0.0	c	98.2	(0.8)	1.8	(0.8)	0.0	c	12.9	(2.1)
	Baja California Sur	87.3	(2.5)	11.6	(2.2)	1.0	(0.5)	96.5	(0.9)	3.2	(1.0)	0.2	(0.2)	99.4	(0.3)	0.5	(0.2)	0.1	(0.1)	15.1	(2.7)
	Campeche	76.8	(2.2)	19.3	(2.1)	4.0	(0.7)	94.1	(1.4)	5.6	(1.4)	0.4	(0.3)	98.8	(0.5)	0.9	(0.4)	0.3	(0.3)	26.6	(2.0)
	Chiapas	80.5	(3.1)	16.5	(2.9)	3.0	(0.6)	96.6	(1.0)	2.9	(0.8)	0.5	(0.3)	98.2	(0.9)	1.5	(0.6)	0.3	(0.3)	22.0	(3.3)
	Chihuahua	83.5	(2.5)	15.1	(2.3)	1.4	(0.3)	96.0	(0.8)	3.8	(0.9)	0.1	(0.1)	98.7	(0.6)	1.3	(0.6)	0.0	c	19.9	(2.3)
	Coahuila	93.7	(1.7)	6.1	(1.6)	0.2	(0.2)	97.3	(1.0)	2.5	(1.0)	0.2	(0.2)	98.4	(0.7)	1.5	(0.7)	0.1	(0.1)	9.5	(2.2)
	Colima	82.3	(2.1)	15.1	(1.8)	2.6	(0.4)	94.3	(1.4)	4.8	(1.1)	0.9	(0.4)	99.4	(0.2)	0.6	(0.2)	0.0	c	21.5	(2.0)
	Distrito Federal	94.7	(1.8)	4.7	(1.5)	0.7	(0.4)	94.6	(0.5)	5.0	(0.6)	0.3	(0.2)	99.2	(0.4)	0.8	(0.4)	0.0	c	10.9	(1.9)
	Durango	89.7	(2.3)	9.1	(1.9)	1.1	(0.7)	97.6	(1.2)	1.8	(1.1)	0.6	(0.5)	99.2	(0.6)	0.8	(0.6)	0.0	c	12.3	(2.5)
	Guanajuato	84.9	(2.6)	13.1	(2.2)	1.9	(0.7)	98.6	(0.5)	1.2	(0.6)	0.2	(0.2)	99.2	(0.4)	0.7	(0.3)	0.1	(0.1)	16.2	(2.7)
	Guerrero	76.8	(2.7)	19.7	(2.2)	3.5	(0.8)	95.5	(1.2)	3.2	(0.9)	1.3	(0.5)	97.3	(1.2)	2.2	(1.1)	0.6	(0.3)	26.0	(2.8)
	Hidalgo	82.6	(3.0)	14.5	(2.6)	3.0	(0.7)	97.3	(0.9)	2.3	(0.8)	0.3	(0.3)	98.4	(0.5)	1.6	(0.5)	0.0	c	20.1	(3.3)
	Jalisco	87.4	(2.1)	11.0	(1.8)	1.6	(0.4)	97.0	(0.7)	2.8	(0.7)	0.2	(0.2)	98.2	(0.5)	1.6	(0.5)	0.2	(0.0)	15.5	(2.0)
	Mexico	90.5	(2.2)	9.3																	


[Part 2/2]  
Grade repetition, by region

Table B2.IV.1 Results based on students' self-reports

	Percentage of students reporting that they have repeated a grade in:												
	Primary school			Lower secondary school			Upper secondary school			Primary, lower secondary or upper secondary school			
	Never	Once	Twice or more	Never	Once	Twice or more	Never	Once	Twice or more				
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
<b>OECD</b>													
<b>Portugal</b>													
Alentejo	79.1 (4.3)	15.5 (3.2)	5.4 (1.2)	83.3 (3.5)	15.0 (3.0)	1.8 (0.8)	100.0	c	0.0	c	0.0	c	29.9 (5.5)
<b>Spain</b>													
Andalusia*	83.9 (1.4)	14.8 (1.2)	1.2 (0.4)	69.1 (1.6)	27.3 (1.4)	3.7 (0.8)	100.0	c	0.0	c	0.0	c	36.7 (1.4)
Aragon*	83.6 (1.4)	15.4 (1.4)	1.1 (0.2)	69.4 (1.7)	27.9 (1.4)	2.7 (0.6)	100.0	c	0.0	c	0.0	c	36.1 (1.9)
Asturias*	88.9 (1.0)	10.6 (1.0)	0.5 (0.2)	76.6 (1.5)	22.4 (1.4)	0.9 (0.3)	c	c	c	c	c	c	27.4 (1.5)
Balearic Islands*	79.2 (1.4)	19.6 (1.4)	1.1 (0.3)	69.1 (1.7)	28.1 (1.5)	2.8 (0.6)	c	c	c	c	c	c	39.1 (1.8)
Basque Country*	90.9 (0.6)	8.5 (0.5)	0.6 (0.1)	84.0 (0.7)	15.0 (0.7)	1.0 (0.2)	100.0	c	0.0	c	0.0	c	20.8 (0.9)
Cantabria*	86.3 (1.2)	13.1 (1.1)	0.6 (0.2)	72.4 (1.8)	26.2 (1.6)	1.4 (0.3)	100.0	c	0.0	c	0.0	c	32.3 (1.9)
Castile and Leon*	86.7 (1.1)	12.3 (0.9)	1.0 (0.3)	69.7 (1.8)	27.5 (1.6)	2.8 (0.5)	100.0	c	0.0	c	0.0	c	34.5 (1.7)
Catalonia*	93.6 (1.0)	6.0 (1.0)	0.3 (0.1)	83.0 (1.9)	16.3 (1.9)	0.7 (0.2)	c	c	c	c	c	c	20.6 (2.0)
Extremadura*	82.1 (1.4)	16.4 (1.4)	1.4 (0.4)	61.5 (1.6)	34.1 (1.5)	4.4 (0.6)	c	c	c	c	c	c	42.9 (1.6)
Galicia*	86.8 (1.2)	12.1 (1.1)	1.1 (0.2)	71.8 (1.8)	25.5 (1.5)	2.8 (0.5)	100.0	c	0.0	c	0.0	c	33.0 (1.9)
La Rioja*	90.1 (0.7)	9.0 (0.8)	0.9 (0.3)	68.9 (0.7)	27.9 (0.8)	3.2 (0.5)	c	c	c	c	c	c	34.0 (0.6)
Madrid*	86.9 (1.3)	12.6 (1.3)	0.6 (0.2)	71.6 (1.5)	25.8 (1.4)	2.7 (0.4)	100.0	c	0.0	c	0.0	c	32.4 (1.6)
Murcia*	77.3 (1.3)	21.6 (1.2)	1.1 (0.3)	64.5 (1.3)	32.2 (1.1)	3.3 (0.7)	100.0	c	0.0	c	0.0	c	42.5 (1.3)
Navarre*	88.4 (0.9)	11.3 (0.9)	0.3 (0.2)	80.1 (1.3)	19.1 (1.2)	0.7 (0.2)	c	c	c	c	c	c	25.3 (1.2)
<b>United Kingdom</b>													
England	98.0 (0.3)	1.9 (0.2)	0.1 (0.1)	99.2 (0.1)	0.7 (0.1)	0.1 (0.0)	99.4 (0.1)	0.4 (0.1)	0.1 (0.1)	0.1 (0.1)	2.7 (0.3)		
Northern Ireland	98.2 (0.3)	1.6 (0.4)	0.2 (0.2)	99.0 (0.3)	0.8 (0.2)	0.2 (0.1)	99.1 (0.2)	0.8 (0.2)	0.1 (0.1)	0.1 (0.1)	2.7 (0.5)		
Scotland*	98.2 (0.2)	1.6 (0.2)	0.2 (0.1)	99.1 (0.2)	0.6 (0.1)	0.2 (0.1)	99.2 (0.2)	0.6 (0.2)	0.2 (0.1)	0.2 (0.1)	2.8 (0.3)		
Wales	98.0 (0.3)	1.8 (0.3)	0.2 (0.1)	99.2 (0.2)	0.6 (0.1)	0.2 (0.1)	99.4 (0.2)	0.4 (0.1)	0.2 (0.1)	0.2 (0.1)	2.7 (0.3)		
<b>United States</b>													
Connecticut*	90.6 (1.0)	9.0 (0.9)	0.4 (0.2)	96.3 (0.6)	3.6 (0.6)	0.1 (0.1)	98.4 (0.3)	1.6 (0.3)	0.1 (0.1)	0.1 (0.1)	11.4 (1.2)		
Florida*	80.9 (1.2)	17.8 (1.0)	1.3 (0.3)	94.3 (0.6)	5.4 (0.5)	0.3 (0.2)	98.0 (0.3)	2.0 (0.3)	0.0	c	22.0 (1.1)		
Massachusetts*	95.5 (0.6)	4.4 (0.6)	0.1 (0.1)	96.4 (0.6)	3.5 (0.5)	0.2 (0.1)	98.1 (0.4)	1.8 (0.4)	0.1 (0.1)	0.1 (0.1)	6.6 (0.7)		
<b>Partners</b>													
<b>Argentina</b>													
Ciudad Autónoma de Buenos Aires*	88.7 (1.6)	9.4 (1.4)	1.9 (0.5)	80.4 (2.2)	17.4 (1.9)	2.1 (0.6)	97.9 (0.5)	1.5 (0.5)	0.6 (0.3)	0.6 (0.3)	25.4 (2.8)		
<b>Brazil</b>													
Acre	69.8 (3.4)	26.7 (2.7)	3.5 (1.0)	90.1 (2.0)	8.6 (1.5)	1.3 (0.6)	96.4 (1.4)	3.6 (1.4)	0.0	c	35.7 (3.5)		
Alagoas	63.3 (3.1)	26.0 (1.8)	10.7 (2.4)	75.1 (3.9)	17.1 (2.0)	7.7 (2.4)	93.5 (1.3)	6.5 (1.3)	0.0	c	50.1 (3.7)		
Amapá	69.0 (4.2)	25.1 (2.6)	5.9 (1.9)	86.6 (2.6)	11.6 (2.1)	1.7 (0.7)	95.7 (1.1)	4.3 (1.1)	0.0	c	37.3 (3.7)		
Amazonas	70.7 (3.0)	23.2 (2.5)	6.1 (0.9)	77.1 (3.2)	17.6 (2.7)	5.3 (1.2)	94.5 (1.6)	4.1 (1.0)	1.4 (0.8)	42.7 (3.8)			
Bahia	67.7 (3.9)	24.9 (2.9)	7.5 (2.2)	77.5 (5.8)	20.2 (5.4)	2.4 (1.1)	95.4 (1.6)	4.4 (1.5)	0.2 (0.2)	46.3 (4.6)			
Ceará	76.2 (3.5)	20.7 (3.4)	3.1 (0.7)	83.4 (2.3)	12.7 (1.9)	3.9 (0.9)	92.9 (1.5)	6.8 (1.4)	0.3 (0.3)	36.4 (4.0)			
Espírito Santo	85.2 (2.3)	11.5 (2.3)	3.3 (0.8)	79.0 (2.8)	15.5 (2.4)	5.5 (1.3)	87.8 (1.9)	12.2 (1.9)	0.0	c	36.0 (3.0)		
Federal District	77.5 (3.6)	15.0 (2.2)	7.5 (2.2)	79.9 (2.0)	15.1 (1.6)	5.0 (0.7)	92.7 (1.1)	7.1 (1.0)	0.2 (0.2)	37.9 (3.2)			
Goiás	80.3 (3.7)	13.4 (2.3)	6.3 (2.5)	79.0 (3.7)	14.9 (2.6)	6.1 (1.4)	93.1 (1.2)	6.4 (1.3)	0.5 (0.3)	37.0 (4.7)			
Maranhão	75.0 (3.7)	21.0 (3.3)	3.9 (1.5)	78.1 (4.2)	17.7 (3.7)	4.1 (1.3)	91.9 (1.9)	7.6 (1.8)	0.5 (0.4)	39.9 (4.5)			
Mato Grosso	74.1 (3.0)	20.8 (2.5)	5.2 (1.5)	85.2 (2.8)	11.7 (1.7)	3.1 (1.4)	89.7 (1.5)	10.1 (1.5)	0.2 (0.2)	37.5 (3.2)			
Mato Grosso do Sul	77.2 (3.1)	15.9 (2.1)	6.9 (1.3)	74.1 (3.3)	17.1 (1.6)	8.8 (2.0)	88.3 (1.8)	11.7 (1.8)	0.0	c	43.7 (3.7)		
Minas Gerais	78.6 (3.1)	16.2 (2.6)	5.2 (1.3)	78.4 (3.2)	16.4 (2.1)	5.2 (1.4)	95.9 (1.0)	3.9 (1.0)	0.2 (0.2)	36.9 (4.1)			
Pará	67.4 (4.0)	25.0 (2.9)	7.6 (1.6)	74.6 (2.8)	19.4 (2.4)	5.9 (1.6)	97.1 (0.8)	2.9 (0.8)	0.0	c	44.7 (4.1)		
Paraíba	80.4 (2.2)	15.5 (1.8)	4.1 (0.9)	79.1 (3.1)	15.3 (2.3)	5.6 (1.2)	92.5 (1.3)	7.3 (1.3)	0.2 (0.2)	36.7 (2.6)			
Paraná	76.2 (3.0)	18.1 (2.0)	5.7 (1.2)	76.6 (2.8)	15.3 (2.2)	8.1 (1.5)	88.8 (1.9)	11.0 (2.0)	0.2 (0.2)	42.0 (3.4)			
Pernambuco	67.7 (2.3)	26.4 (2.2)	5.9 (1.5)	77.8 (1.9)	17.3 (2.0)	4.9 (1.0)	93.6 (1.0)	6.1 (1.1)	0.3 (0.3)	45.8 (2.7)			
Piauí	75.4 (2.7)	20.6 (2.6)	4.0 (1.0)	75.4 (2.8)	20.5 (2.5)	4.1 (0.8)	93.6 (0.9)	6.4 (0.9)	0.0	c	41.4 (2.8)		
Rio de Janeiro	86.0 (2.9)	11.1 (2.4)	2.8 (0.8)	78.3 (3.5)	16.5 (3.0)	5.2 (1.6)	92.8 (1.1)	6.7 (1.2)	0.5 (0.4)	32.4 (4.1)			
Rio Grande do Norte	70.1 (3.3)	22.3 (2.5)	7.6 (1.6)	68.7 (4.2)	19.6 (2.2)	11.8 (2.4)	92.5 (1.4)	6.2 (1.5)	1.3 (0.7)	49.2 (4.4)			
Rio Grande do Sul	78.4 (3.5)	13.9 (1.9)	7.7 (1.9)	76.6 (3.6)	15.2 (1.5)	8.2 (2.6)	87.2 (2.3)	12.5 (2.3)	0.2 (0.2)	40.5 (3.4)			
Rondônia	73.2 (2.8)	20.2 (2.2)	6.5 (1.2)	66.6 (3.9)	23.0 (2.9)	10.4 (1.5)	92.1 (1.2)	7.9 (1.2)	0.0	c	48.3 (3.5)		
Roraima	71.2 (4.2)	20.6 (3.4)	8.2 (1.4)	73.6 (1.8)	18.7 (1.5)	7.7 (1.0)	91.2 (1.7)	8.0 (1.6)	0.8 (0.5)	45.8 (3.3)			
Santa Catarina	79.7 (3.4)	13.8 (2.2)	6.4 (1.5)	80.0 (2.4)	15.7 (2.2)	4.3 (0.9)	93.1 (1.2)	6.3 (1.2)	0.5 (0.3)	35.1 (3.7)			
São Paulo	87.5 (1.3)	10.1 (0.9)	2.4 (0.7)	87.7 (1.3)	9.3 (0.9)	3.0 (0.6)	91.7 (1.0)	7.8 (1.0)	0.4 (0.2)	25.9 (2.0)			
Sergipe	72.5 (4.4)	18.2 (2.5)	9.4 (2.6)	67.8 (4.8)	21.2 (3.2)	11.0 (2.0)	93.0 (1.8)	7.0 (1.8)	0.0	c	49.4 (5.1)		
Tocantins	79.0 (2.4)	16.5 (1.7)	4.6 (1.5)	78.9 (2.9)	15.2 (2.2)	5.9 (1.4)	89.4 (1.6)	9.0 (1.6)	1.7 (0.5)	36.4 (3.1)			
<b>Colombia</b>													
Bogota	83.9 (1.2)	13.9 (1.2)	2.2 (0.5)	71.3 (1.8)	21.3 (1.4)	7.4 (0.8)	94.2 (0.8)	5.4 (0.8)	0.4 (0.2)	0.4 (0.2)	37.4 (1.7)		
Cali	79.2 (1.9)	17.4 (1.7)	3.3 (0.6)	75.1 (1.6)	21.1 (1.3)	3.9 (0.6)	97.7 (0.6)	2.2 (0.6)	0.1 (0.1)	0.1 (0.1)	35.8 (2.0)		
Manizales	77.4 (1.5)	17.9 (1.5)	4.7 (0.8)	71.8 (1.5)	21.5 (1.5)	6.8 (0.9)	94.2 (0.8)	5.8 (0.8)	0.0	c	41.0 (1.7)		
Medellin	81.9 (2.3)	14.2 (1.9)	3.9 (0.8)	70.9 (2.3)	21.8 (1.9)	7.4 (1.1)	95.6 (0.7)	4.0 (0.6)	0.4 (0.3)	0.4 (0.3)	38.4 (2.5)		
<b>Russian Federation</b>													
Perm Territory region*	97.3 (0.5)	2.6 (0.5)	0.1 (0.1)	98.4 (0.3)	1.0 (0.3)	0.6 (0.2)	100.0	c	0.0	c	0.0	c	3.8 (0.7)
<b>United Arab Emirates</b>													
Abu Dhabi*	91.1 (0.7)	7.9 (0.7)	1.0 (0.2)	92.4 (0.7)	6.4 (0.6)	1.3 (0.2)	98.2 (0.3)	1.4 (0.3)	0.4 (0.1)	0.4 (0.1)	13.3 (0.9)		
Ajman	88.7 (4.6)	9.6 (3.8)	1.7 (0.8)	92.5 (3.5)	6.9 (3.3)	0.6 (0.3)	97.9 (0.8)	1.8 (0.7)	0.3 (0.2)	0.3 (0.2)	15.6 (6.5)		
Dubai*	94.1 (0.3)	5.2 (0.3)	0.7 (0.1)	95.1 (0.3)	4.5 (0.2)	0.4 (0.1)	98.8 (0.2)	1.1 (0.2)	0.1 (0.1)	0.1 (0.1)	9.8 (0.4)		
Fujairah	88.8 (1.7)	10.1 (1.5)	1.1 (0.5)	94.3 (1.3)	4.3 (1.0)	1.4 (0.5)	98.0 (0.9)	1.2 (0.7)	0.7 (0.4)	0.7 (0.4)	13.9 (2.1)		
Ras Al Khaimah	91.7 (2.1)	7.0 (1.9)	1.3 (0.4)	92.2 (2.7)	6.6 (2.3)	1.3 (0.4)	98.0 (0.4)	1.7 (0.5)	0.3 (0.2)	0.3 (0.2)	14.3 (3.3)		
Sharjah	93.0 (2.4)	6.2 (2.1)	0.8 (0.4)	96.7 (1.4)	2.9 (1.2)	0.4 (0.3)	98.4 (0.4)	1.4 (0.3)	0.2 (0.2)	0.2 (0.2)	9.7 (3.1)		
Umm Al Quwain	82.7 (1.6)	13.7 (1.5)	3.6 (0.9)	85.9 (1.4)	11.3 (1.5)	2.8 (0.6)	98.0 (0.9)	1.7 (0.9)	0.3 (0.3)	0.3 (0.3)	23.9 (1.5)		

\* PISA adjudicated region.

Note: See Table IV.2.2 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>



[Part 1/6]  
**School admissions policies, by region**  
 Results based on school principals' reports

Table B2.IV.2

		Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:																	
		Residence in a particular area				Students' records of academic performance				Recommendations of feeder schools									
		Never		Sometimes		Always		Never		Sometimes		Always							
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.						
OECD	<b>Australia</b>																		
	Australian capital territory	24.9	(0.8)	22.3	(0.8)	52.8	(0.9)	33.2	(0.9)	42.3	(1.1)	24.5	(0.9)	43.8	(1.1)	38.6	(1.2)	17.6	(0.8)
	New South Wales	28.8	(2.9)	17.4	(2.9)	53.8	(2.8)	26.3	(3.6)	32.5	(3.1)	41.2	(3.6)	18.1	(3.1)	39.9	(4.4)	42.1	(3.8)
	Northern territory	54.3	(3.4)	6.0	(0.7)	39.7	(3.0)	31.3	(5.5)	44.8	(9.8)	23.9	(8.9)	24.5	(5.9)	52.4	(9.9)	23.2	(8.8)
	Queensland	49.1	(3.7)	24.1	(3.8)	26.8	(3.4)	28.3	(3.7)	41.5	(3.9)	30.3	(4.0)	28.0	(3.2)	47.1	(4.1)	24.9	(3.6)
	South Australia	36.3	(4.1)	22.7	(4.0)	41.0	(3.0)	30.9	(4.0)	40.7	(4.9)	28.3	(4.8)	24.0	(4.4)	41.8	(5.3)	34.2	(4.7)
	Tasmania	32.9	(1.1)	13.5	(0.9)	53.6	(1.3)	64.0	(2.1)	16.3	(1.3)	19.8	(1.8)	31.2	(1.9)	40.3	(1.7)	28.6	(1.5)
	Victoria	29.1	(3.4)	22.2	(3.4)	48.8	(3.9)	19.4	(3.6)	52.0	(4.9)	28.6	(3.6)	21.3	(3.1)	47.7	(4.1)	31.0	(3.8)
	Western Australia	44.2	(3.9)	13.8	(3.1)	42.1	(3.6)	28.0	(4.4)	40.9	(4.2)	31.0	(4.2)	28.8	(4.8)	42.7	(5.0)	28.6	(4.2)
	<b>Belgium</b>																		
	Flemish community*	91.9	(2.6)	6.5	(2.3)	1.5	(1.2)	36.7	(3.6)	30.9	(3.8)	32.4	(3.7)	48.6	(3.8)	42.8	(4.0)	8.7	(2.2)
	French community	69.0	(4.7)	29.7	(4.6)	1.4	(0.8)	57.3	(4.8)	26.6	(4.3)	16.2	(3.2)	66.6	(4.2)	31.4	(4.2)	2.0	(1.4)
	German-speaking community	71.1	(0.3)	27.6	(0.2)	1.3	(0.3)	20.3	(0.2)	42.5	(0.3)	37.2	(0.2)	34.5	(0.3)	52.1	(0.3)	13.3	(0.2)
	<b>Canada</b>																		
	Alberta	18.8	(4.3)	20.0	(4.2)	61.1	(5.0)	40.9	(6.0)	39.0	(5.3)	20.1	(4.5)	30.3	(4.9)	43.8	(5.4)	25.9	(4.9)
	British Columbia	26.4	(4.2)	9.7	(3.7)	63.9	(4.7)	47.4	(5.8)	34.1	(5.8)	18.5	(4.7)	34.7	(5.8)	39.5	(6.1)	25.8	(5.8)
	Manitoba	10.8	(2.3)	15.7	(2.8)	73.5	(3.0)	38.9	(2.8)	44.0	(3.1)	17.1	(2.1)	27.8	(3.2)	48.1	(3.3)	24.1	(2.2)
	New Brunswick	15.2	(3.4)	17.9	(1.3)	66.9	(3.0)	69.5	(3.1)	19.3	(1.6)	11.1	(3.3)	58.0	(2.9)	27.1	(1.7)	14.9	(3.2)
	Newfoundland and Labrador	43.6	(3.0)	5.4	(0.3)	51.1	(2.8)	69.0	(4.3)	4.2	(0.7)	26.8	(4.3)	49.7	(4.5)	23.1	(1.9)	27.3	(3.7)
	Nova Scotia	22.6	(11.3)	4.7	(1.3)	72.6	(10.6)	47.2	(8.0)	20.6	(4.5)	32.2	(10.2)	40.9	(7.6)	24.2	(5.3)	34.9	(9.6)
	Ontario	8.0	(2.7)	5.3	(2.3)	86.7	(3.5)	41.6	(5.4)	30.1	(4.5)	28.3	(4.2)	31.8	(5.4)	28.7	(4.4)	39.5	(5.5)
	Prince Edward Island	30.7	(0.4)	3.8	(0.1)	65.5	(0.4)	62.4	(0.4)	4.9	(0.2)	32.7	(0.4)	32.0	(0.5)	24.2	(0.4)	43.9	(0.4)
	Quebec	26.0	(3.6)	22.3	(3.4)	51.7	(4.0)	32.9	(4.3)	32.2	(3.9)	34.9	(2.7)	38.1	(4.5)	42.9	(4.3)	19.0	(3.2)
	Saskatchewan	38.1	(3.3)	32.5	(2.4)	29.4	(3.6)	45.9	(3.4)	34.8	(2.2)	19.3	(2.6)	36.2	(3.8)	37.7	(2.8)	26.1	(2.8)
	<b>Italy</b>																		
	Abruzzo	41.4	(6.2)	32.3	(6.1)	26.3	(5.7)	13.6	(4.8)	12.4	(4.8)	74.0	(6.2)	18.2	(4.4)	31.0	(5.6)	50.7	(6.4)
	Basilicata	39.1	(6.1)	38.6	(5.3)	22.2	(5.3)	23.4	(4.3)	22.0	(4.4)	54.6	(5.0)	25.8	(5.3)	36.9	(5.1)	37.3	(4.5)
Bolzano	62.0	(0.8)	25.8	(0.7)	12.2	(1.3)	69.9	(1.0)	14.8	(0.5)	15.4	(1.1)	77.0	(0.6)	13.8	(0.4)	9.1	(0.4)	
Calabria	27.1	(8.0)	35.9	(7.9)	37.0	(6.7)	24.9	(6.0)	25.8	(5.5)	49.3	(6.9)	28.1	(7.7)	34.9	(6.3)	36.9	(8.6)	
Campania	44.2	(9.4)	27.8	(9.4)	28.0	(6.8)	20.3	(5.8)	23.4	(6.6)	56.3	(9.1)	29.8	(6.1)	32.8	(7.3)	37.4	(9.0)	
Emilia Romagna	45.7	(7.3)	26.3	(7.3)	28.0	(6.6)	19.6	(6.9)	17.7	(6.5)	62.6	(8.7)	12.1	(5.6)	13.4	(4.4)	74.5	(6.4)	
Friuli Venezia Giulia	38.0	(5.8)	31.7	(4.6)	30.4	(5.9)	10.7	(4.2)	31.0	(5.9)	58.3	(6.7)	12.3	(4.6)	25.0	(4.9)	62.7	(5.1)	
Lazio	34.0	(8.7)	25.6	(7.1)	40.4	(6.8)	17.6	(6.1)	12.1	(3.6)	70.3	(6.8)	21.9	(6.8)	36.2	(6.8)	41.9	(6.7)	
Liguria	37.2	(5.7)	43.5	(6.5)	19.2	(5.6)	23.3	(6.4)	22.6	(5.5)	54.1	(6.9)	17.5	(4.1)	46.3	(6.3)	36.2	(6.5)	
Lombardia	23.2	(6.7)	43.3	(7.7)	33.4	(5.4)	25.4	(5.8)	27.7	(7.5)	46.9	(7.6)	18.2	(5.7)	19.9	(7.4)	62.0	(7.7)	
Marche	42.4	(7.3)	36.8	(6.8)	20.8	(5.6)	17.1	(4.2)	27.1	(5.2)	55.8	(6.6)	13.8	(2.9)	35.1	(6.1)	51.1	(6.3)	
Molise	41.5	(0.9)	29.2	(0.8)	29.3	(0.8)	7.9	(0.6)	31.8	(0.9)	60.3	(0.9)	20.0	(0.9)	44.8	(1.0)	35.2	(0.9)	
Piemonte	36.8	(6.2)	46.4	(6.6)	16.8	(5.6)	29.8	(9.3)	22.6	(6.8)	47.6	(8.6)	15.2	(5.1)	34.0	(6.9)	50.7	(8.4)	
Puglia	32.1	(5.7)	39.3	(5.7)	28.7	(6.3)	17.8	(5.4)	24.7	(6.4)	57.5	(7.8)	24.9	(6.5)	38.2	(7.2)	36.9	(5.2)	
Sardegna	33.9	(6.6)	34.6	(7.7)	31.5	(7.0)	26.5	(5.5)	10.0	(4.2)	63.4	(6.5)	31.1	(5.8)	29.8	(7.7)	39.1	(6.6)	
Sicilia	40.8	(7.0)	34.3	(6.0)	24.9	(4.8)	23.6	(5.1)	19.2	(6.1)	57.1	(6.2)	20.2	(5.0)	36.1	(6.9)	43.6	(7.7)	
Toscana	36.5	(6.1)	39.6	(6.3)	23.9	(7.0)	26.2	(6.7)	22.9	(5.5)	50.9	(7.9)	19.1	(6.1)	29.9	(8.0)	51.0	(8.2)	
Trento	38.1	(4.3)	34.5	(4.3)	27.4	(4.6)	31.7	(3.8)	28.1	(4.7)	40.2	(4.1)	12.8	(2.9)	31.2	(4.1)	56.0	(4.9)	
Umbria	31.7	(5.7)	40.4	(6.1)	27.9	(6.4)	11.1	(4.2)	32.1	(5.6)	56.8	(5.2)	9.0	(2.9)	41.6	(5.4)	49.3	(5.3)	
Valle d'Aosta	56.0	(1.1)	35.2	(1.0)	8.7	(0.6)	51.1	(0.9)	11.9	(0.6)	36.9	(0.9)	22.7	(0.8)	53.4	(0.8)	24.0	(1.9)	
Veneto	45.1	(7.4)	42.9	(7.5)	12.0	(4.5)	13.1	(4.8)	17.7	(6.2)	69.2	(6.4)	12.5	(5.4)	31.1	(7.5)	56.4	(8.4)	
<b>Mexico</b>																			
Aguascalientes	55.8	(5.3)	27.3	(6.8)	17.0	(4.9)	14.0	(5.2)	19.9	(6.7)	66.1	(6.8)	30.9	(5.7)	58.0	(6.5)	11.1	(4.7)	
Baja California	43.9	(8.4)	29.1	(9.1)	27.0	(4.8)	22.7	(12.2)	30.7	(14.1)	46.6	(7.0)	40.7	(11.0)	53.9	(11.3)	5.5	(2.8)	
Baja California Sur	47.8	(5.7)	27.2	(7.9)	24.9	(7.9)	35.9	(8.8)	13.7	(4.9)	50.3	(7.7)	57.2	(9.3)	30.5	(7.8)	12.3	(5.0)	
Campeche	69.9	(7.9)	28.1	(7.6)	2.0	(2.0)	41.3	(7.0)	15.7	(7.6)	43.0	(9.0)	66.1	(8.1)	13.8	(7.7)	20.1	(4.9)	
Chiapas	81.4	(8.0)	14.2	(7.6)	4.4	(3.1)	29.9	(7.2)	33.4	(6.0)	36.7	(8.9)	65.2	(8.8)	18.0	(6.6)	16.8	(6.4)	
Chihuahua	49.2	(10.9)	45.8	(11.5)	5.0	(3.6)	25.3	(8.0)	34.3	(9.6)	40.4	(6.5)	51.3	(11.5)	36.3	(9.3)	12.4	(7.0)	
Coahuila	75.7	(8.5)	16.0	(6.7)	8.3	(6.0)	20.0	(6.2)	19.4	(7.5)	60.5	(9.3)	52.6	(9.5)	25.9	(8.3)	21.5	(7.6)	
Colima	63.3	(5.9)	21.9	(6.1)	14.8	(5.6)	19.8	(4.9)	23.0	(6.3)	57.2	(6.2)	80.5	(5.3)	16.6	(5.2)	2.8	(2.0)	
Distrito Federal	59.3	(9.0)	32.4	(10.1)	8.3	(6.9)	37.8	(8.4)	24.0	(8.0)	38.2	(8.1)	69.0	(8.7)	22.3	(6.8)	8.7	(5.4)	
Durango	66.5	(9.7)	14.6	(3.3)	18.9	(10.7)	17.4	(6.5)	23.8	(8.2)	58.9	(7.9)	53.9	(9.2)	32.8	(7.8)	13.3	(6.3)	
Guanajuato	70.1	(6.8)	28.0	(7.0)	1.9	(1.8)	36.8	(6.5)	7.6	(2.6)	55.7	(6.7)	61.4	(9.0)	24.3	(7.7)	14.3	(5.8)	
Guerrero	60.7	(9.8)	31.5	(8.5)	7.8	(5.7)	30.5	(8.8)	24.8	(7.8)	44.8	(7.4)	56.9	(8.7)	28.7	(9.0)	14.4	(5.0)	
Hidalgo	80.4	(5.5)	13.9	(4.8)	5.7	(2.8)	26.4	(6.4)	15.3	(5.2)	58.3	(7.1)	66.6	(8.5)	26.1	(7.6)	7.3	(4.0)	
Jalisco	54.9	(7.7)	37.3	(8.1)	7.8	(3.8)	41.4	(7.6)	8.6	(4.3)	50.0	(6.5)	77.1	(6.1)	14.0	(2.7)	8.9	(5.0)	
Mexico	72.8	(7.8)	22.4	(7.0)	4.8	(3.7)	31.3	(8.0)	22.7	(6.4)	46.1	(8.2)	79.6	(5.0)	16.6	(6.0)	3.8	(2.8)	
Morelos	63.5	(5.0)	19.7	(4.9)	16.8	(5.4)	22.8	(7.2)	20.0	(7.0)	57.1	(8.1)	50.6	(9.4)	21.7	(6.9)	27.7	(8.4)	
Nayarit	58.2	(5.8)	24.1	(5.3)	17.6	(6.0)	32.3	(4.5)	14.1	(3.6)	53.6	(5.8)	55.2	(6.6)	36.9	(6.9)	7.8	(3.3)	
Nuevo León	63.5	(9.0)	23.1	(8.3)	13.4	(5.2)	36.5	(9.7)	8.2	(4.0)	55.2	(9.5)	62.1	(10.2)	27.7	(7.7)	10.2	(6.6)	
Puebla	74.5	(7.7)	22.4	(7.2)	3.1	(3.0)	33.4	(6.1)	26.9	(6.5)	39.7	(4.2)	59.6	(7.8)	23.3	(6.9)	17.1	(4.6)	
Querétaro	40.2	(10.8)	31.1	(10.3)	28.8	(6.6)	26.6	(8.7)	13.7	(3.2)	59.7	(10.0)	70.3	(8.3)	19.2	(7.5)	10.5	(3.1)	
Quintana Roo	55.7	(8.2)	24.9	(8.8)	19.4	(7.5)	24.3	(4.0)	27.8	(4.6)	47.9	(7.0)	40.6	(7.6)	46.5	(7.0)	13.0	(4.7)</	

[Part 2/6]  
**School admissions policies, by region**  
 Table B2.IV.2 Results based on school principals' reports

		Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:																	
		Residence in a particular area						Students' records of academic performance				Recommendations of feeder schools							
		Never		Sometimes		Always		Never		Sometimes		Always		Never		Sometimes		Always	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	<b>Portugal</b>																		
	Alentejo	16.4	(9.0)	44.1	(12.3)	39.6	(10.7)	56.5	(13.1)	22.8	(10.6)	20.8	(7.7)	83.1	(6.6)	10.7	(5.6)	6.2	(4.5)
	<b>Spain</b>																		
	Andalusia*	19.5	(5.7)	12.3	(4.1)	68.1	(6.5)	94.1	(3.4)	5.9	(3.4)	0.0	c	84.8	(4.6)	7.4	(3.7)	7.8	(3.9)
	Aragon*	36.3	(7.6)	19.6	(5.8)	44.2	(7.8)	95.5	(3.1)	4.5	(3.1)	0.0	c	93.4	(3.8)	4.5	(3.1)	2.1	(2.1)
	Asturias*	16.3	(5.3)	26.7	(5.6)	57.0	(6.3)	91.1	(4.4)	8.9	(4.4)	0.0	c	91.9	(2.5)	8.1	(2.5)	0.0	c
	Balearic Islands*	20.3	(5.3)	18.3	(5.3)	61.4	(6.5)	92.3	(3.9)	4.4	(3.1)	3.3	(2.4)	92.3	(3.6)	5.9	(3.1)	1.9	(1.9)
	Basque Country*	23.8	(3.2)	22.2	(3.0)	54.0	(3.7)	82.4	(3.0)	14.0	(2.7)	3.7	(1.5)	66.0	(4.0)	22.3	(3.5)	11.7	(2.3)
	Cantabria*	19.2	(4.7)	22.3	(5.2)	58.6	(5.5)	95.8	(3.0)	1.9	(2.0)	2.3	(2.2)	93.9	(3.6)	3.9	(2.8)	2.3	(2.2)
	Castile and Leon*	22.8	(5.8)	25.4	(6.6)	51.8	(6.8)	93.1	(3.7)	6.0	(3.5)	1.0	(1.0)	90.0	(4.1)	10.0	(4.1)	0.0	c
	Catalonia*	20.6	(6.5)	8.1	(4.1)	71.3	(7.2)	93.3	(4.0)	6.7	(4.0)	0.0	c	93.0	(2.3)	7.0	(2.3)	0.0	c
	Extremadura*	35.8	(7.4)	12.3	(4.9)	51.9	(7.7)	93.7	(3.6)	4.3	(3.0)	2.0	(2.0)	94.0	(3.5)	3.9	(2.8)	2.1	(2.1)
	Galicia*	24.9	(5.5)	8.9	(4.1)	66.2	(5.8)	96.8	(2.3)	0.0	c	3.2	(2.3)	94.5	(3.3)	5.5	(3.3)	0.0	c
	La Rioja*	10.9	(0.3)	29.2	(0.5)	59.9	(0.6)	76.9	(0.4)	22.2	(0.4)	0.9	(0.1)	89.5	(0.3)	9.6	(0.3)	0.9	(0.1)
	Madrid*	17.9	(6.1)	18.7	(5.9)	63.5	(5.8)	77.1	(6.7)	21.1	(6.4)	1.8	(1.8)	87.4	(5.1)	10.7	(4.8)	1.9	(1.9)
Murcia*	14.7	(4.8)	24.3	(5.7)	61.0	(5.7)	92.5	(3.8)	7.5	(3.8)	0.0	c	85.4	(4.6)	12.7	(4.2)	1.9	(1.9)	
Navarre*	31.1	(5.0)	34.8	(5.6)	34.2	(6.5)	85.4	(3.3)	14.6	(3.3)	0.0	c	87.1	(4.5)	9.3	(3.6)	3.7	(2.6)	
<b>United Kingdom</b>																			
England	20.4	(2.7)	31.7	(4.2)	47.9	(3.8)	68.4	(3.2)	9.1	(2.8)	22.5	(2.6)	57.8	(4.0)	22.6	(4.1)	19.6	(2.9)	
Northern Ireland	29.4	(5.7)	37.1	(4.9)	33.5	(5.3)	38.9	(4.0)	8.7	(2.2)	52.3	(3.5)	43.5	(5.1)	26.9	(5.2)	29.6	(4.5)	
Scotland*	22.0	(3.6)	17.2	(4.0)	60.8	(4.7)	76.4	(3.8)	4.3	(2.0)	19.4	(3.9)	59.7	(5.0)	17.1	(3.9)	23.1	(4.1)	
Wales	27.5	(3.6)	26.4	(3.5)	46.1	(3.6)	74.7	(3.8)	7.1	(2.2)	18.2	(3.1)	58.3	(4.0)	19.4	(3.4)	22.4	(3.5)	
<b>United States</b>																			
Connecticut*	28.0	(7.2)	5.7	(3.3)	66.3	(7.8)	48.7	(6.2)	0.0	c	51.3	(6.2)	48.4	(6.6)	19.1	(6.2)	32.4	(7.0)	
Florida*	8.0	(3.3)	8.8	(4.1)	83.2	(5.3)	36.7	(8.0)	34.7	(7.6)	28.6	(7.1)	48.0	(7.3)	34.7	(6.7)	17.3	(5.9)	
Massachusetts*	30.9	(6.1)	8.2	(4.2)	61.0	(7.4)	55.2	(8.0)	8.9	(4.1)	36.0	(7.5)	52.4	(8.6)	19.3	(5.4)	28.3	(7.7)	
Partners	<b>Argentina</b>																		
	Ciudad Autónoma de Buenos Aires*	57.6	(8.3)	19.4	(7.3)	23.0	(7.1)	33.3	(6.5)	35.0	(7.6)	31.8	(7.6)	42.0	(7.6)	39.5	(7.5)	18.5	(6.2)
	<b>Brazil</b>																		
	Acre	34.6	(13.3)	21.0	(9.0)	44.4	(13.6)	67.2	(11.0)	6.4	(4.7)	26.4	(11.1)	76.7	(8.2)	13.2	(5.1)	10.0	(6.2)
	Alagoas	59.1	(9.8)	20.3	(7.2)	20.5	(9.8)	46.6	(12.5)	9.5	(6.9)	43.9	(13.1)	73.0	(10.8)	15.1	(7.9)	11.9	(7.8)
	Amapá	20.4	(8.0)	36.1	(6.8)	43.5	(10.0)	49.0	(9.3)	25.5	(10.1)	25.5	(11.2)	43.9	(11.0)	41.8	(9.7)	14.3	(8.1)
	Amazonas	19.9	(9.4)	31.6	(9.9)	48.5	(7.8)	67.5	(9.5)	20.2	(8.8)	12.2	(2.6)	70.6	(9.5)	23.5	(9.9)	5.9	(4.1)
	Bahia	47.6	(9.8)	14.4	(9.0)	38.0	(8.9)	73.0	(13.2)	14.9	(10.6)	12.2	(7.8)	48.1	(11.3)	25.2	(11.1)	26.7	(13.3)
	Ceará	34.4	(10.3)	29.4	(10.2)	36.2	(10.3)	51.1	(7.0)	20.0	(7.9)	28.9	(7.7)	77.2	(8.5)	15.7	(7.9)	7.1	(2.0)
	Espírito Santo	26.3	(14.9)	31.0	(15.3)	42.6	(8.8)	92.4	(6.9)	7.6	(6.9)	0.0	c	74.8	(6.9)	19.7	(8.9)	5.6	(3.9)
	Federal District	28.1	(6.8)	40.7	(9.8)	31.2	(11.0)	70.4	(10.1)	17.5	(7.6)	12.1	(6.8)	90.5	(5.8)	2.1	(2.1)	7.4	(5.2)
	Goiás	36.8	(8.3)	26.0	(9.7)	37.3	(9.6)	71.6	(7.8)	1.4	(1.4)	27.0	(7.5)	65.8	(9.1)	29.5	(10.0)	4.7	(4.6)
	Maranhão	32.0	(12.3)	34.4	(9.5)	33.6	(13.7)	50.3	(10.8)	14.2	(8.5)	35.5	(11.4)	57.6	(14.4)	38.5	(14.3)	3.8	(4.0)
	Mato Grosso	48.3	(10.7)	39.9	(10.0)	11.8	(3.3)	55.2	(11.7)	23.8	(10.5)	21.0	(8.2)	61.4	(8.4)	26.0	(8.7)	12.6	(7.5)
	Mato Grosso do Sul	23.4	(8.8)	40.6	(10.4)	36.0	(7.5)	79.2	(6.7)	6.6	(5.1)	14.2	(7.1)	67.8	(9.2)	25.4	(9.6)	6.9	(4.9)
Minas Gerais	48.2	(9.9)	16.0	(6.8)	35.9	(9.6)	70.9	(7.8)	9.5	(5.0)	19.5	(6.5)	73.4	(8.1)	19.3	(7.9)	7.3	(4.9)	
Pará	32.5	(6.0)	40.9	(11.2)	26.5	(11.5)	49.7	(9.3)	36.9	(6.9)	13.4	(6.9)	69.7	(8.1)	21.3	(5.1)	9.0	(6.4)	
Paraíba	46.6	(11.3)	31.1	(9.6)	22.3	(5.8)	71.6	(6.7)	13.7	(7.1)	14.7	(7.1)	65.2	(12.9)	23.4	(10.7)	11.4	(5.9)	
Paraná	13.6	(8.8)	36.5	(11.0)	49.9	(8.7)	82.3	(9.5)	11.7	(8.5)	6.0	(4.4)	69.7	(10.8)	21.8	(8.0)	8.5	(8.3)	
Pernambuco	33.5	(11.4)	39.9	(12.4)	26.6	(10.2)	50.8	(11.3)	5.3	(5.2)	44.0	(12.3)	69.4	(9.6)	28.5	(9.2)	2.2	(2.2)	
Piauí	30.9	(9.4)	50.2	(12.0)	19.0	(6.0)	19.6	(7.7)	29.9	(9.9)	50.5	(10.0)	36.7	(13.1)	49.7	(13.6)	13.6	(5.1)	
Rio de Janeiro	39.4	(9.3)	36.0	(8.7)	24.6	(9.1)	69.5	(9.2)	10.9	(4.2)	19.6	(9.2)	73.0	(9.4)	27.0	(9.4)	0.0	c	
Rio Grande do Norte	36.8	(9.7)	27.2	(8.1)	36.0	(12.5)	62.0	(10.5)	23.4	(8.4)	14.6	(8.1)	67.5	(10.8)	29.1	(10.2)	3.4	(3.5)	
Rio Grande do Sul	37.5	(10.8)	31.3	(11.1)	31.3	(10.1)	75.1	(8.7)	4.8	(3.5)	20.1	(8.1)	92.9	(4.9)	3.9	(3.9)	3.2	(3.1)	
Rondônia	21.5	(7.0)	49.0	(11.9)	29.5	(10.2)	70.6	(9.1)	8.3	(5.8)	21.1	(7.9)	69.0	(6.9)	18.5	(5.4)	12.6	(4.4)	
Roraima	17.3	(8.4)	42.6	(8.5)	40.1	(8.2)	61.7	(9.5)	20.9	(6.0)	17.4	(9.8)	70.8	(5.5)	16.1	(5.4)	13.1	(4.5)	
Santa Catarina	36.9	(8.0)	34.8	(8.4)	28.4	(7.1)	91.4	(5.2)	8.6	(5.2)	0.0	c	87.1	(6.2)	10.8	(5.9)	2.0	(2.1)	
São Paulo	23.6	(4.1)	21.1	(5.8)	55.2	(5.3)	78.8	(5.4)	12.1	(4.3)	9.2	(3.4)	68.9	(6.5)	25.4	(5.7)	5.7	(3.3)	
Sergipe	34.1	(11.0)	40.8	(12.7)	25.0	(12.4)	45.5	(10.0)	20.5	(12.5)	33.9	(12.9)	71.3	(9.1)	20.2	(11.0)	8.5	(10.5)	
Tocantins	44.1	(8.6)	44.1	(9.0)	11.8	(6.8)	33.3	(8.3)	18.1	(6.4)	48.7	(8.5)	65.3	(7.2)	24.3	(6.4)	10.5	(5.6)	
<b>Colombia</b>																			
Bogota	47.2	(7.0)	21.2	(5.8)	31.7	(4.8)	55.0	(5.9)	20.9	(5.5)	24.1	(5.0)	76.9	(3.9)	20.6	(4.9)	2.5	(2.6)	
Cali	44.8	(6.0)	30.4	(7.0)	24.9	(6.2)	26.4	(5.8)	30.7	(6.9)	42.9	(7.0)	37.3	(6.2)	41.7	(7.5)	21.0	(5.4)	
Manizales	48.8	(8.2)	31.7	(6.8)	19.6	(5.0)	24.3	(6.5)	28.4	(7.4)	47.3	(8.4)	43.3	(8.7)	42.0	(8.3)	14.7	(5.3)	
Medellin	52.5	(8.2)	30.2	(7.5)	17.3	(5.6)	32.1	(6.9)	36.0	(8.2)	32.0	(6.7)	49.0	(7.5)	34.6	(7.4)	16.3	(4.8)	
<b>Russian Federation</b>																			
Perm Territory region*	23.8	(5.6)	18.0	(5.0)	58.2	(7.0)	43.4	(5.8)	37.4	(6.5)	19.2	(5.6)	43.0	(5.7)	44.8	(6.6)	12.2	(4.6)	
<b>United Arab Emirates</b>																			
Abu Dhabi*	33.0	(3.5)	15.9	(2.9)	51.2	(3.1)	14.0	(2.9)	28.4	(3.6)	57.6	(3.4)	26.2	(3.7)	40.5	(3.7)	33.3	(3.8)	
Ajman	16.2	(4.7)	28.7	(8.5)	55.2	(7.4)	0.0	c	36.9	(6.6)	63.1	(6.6)	17.3	(8.5)	42.1	(7.3)	40.6	(5.7)	
Dubai*	43.8	(0.3)	35.0	(0.3)	21.2	(0.2)	2.5	(0.0)	12.2	(0.1)	85.3	(0.1)	13.2	(0.2)	48.5	(0.2)	38.3	(0.2)	
Fujairah	44.0	(2.1)	12.9	(3.3)	43.1	(4.2)	15.2	(4.7)	25.0	(5.8)	59.8	(6.1)	16.6	(5.8)	39.1	(6.3)	44.3	(3.8)	
Ras Al Khaimah	24.8	(7.4)	6.0	(3.7)	69.2	(8.4)	22.2	(7.0)	38.4	(8.5)	39.4	(8.5)	34.3	(10.4)	43.1	(9.5)	22.6	(8.5)	
Sharjah	37.4	(10.6)	30.9	(7.7)	31.7	(8.9)	4.1	(5.7)	26.0	(6.1)	69.9	(7.6)	21.1	(9.2)	50.7	(8.6)	28.2	(8.8)	
Umm Al Quwain	7.7	(0.5)	24.9	(0.4)	67.3	(0.5)	43.3	(0.2)	10.7	(0.3)	46.0	(0.3)	22.9	(0.3)	69.7	(0.3)	7.4	(0.1)	

\* PISA adjudicated region.

Note: See Table IV.2.7 for national data.

StatLink



[Part 3/6]  
School admissions policies, by region

Table B2.IV.2 Results based on school principals' reports

	Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:																	
	Parents' endorsement of the instructional or religious philosophy of the school						Whether the student requires or is interested in a special programme						Preference given to family members of current or former students					
	Never		Sometimes		Always		Never		Sometimes		Always		Never	Sometimes	Always			
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
<b>OECD</b>																		
<b>Australia</b>																		
Australian capital territory	33.1	(1.0)	37.6	(1.0)	29.3	(1.0)	17.5	(0.7)	66.9	(0.8)	15.6	(0.7)	3.6	(0.3)	31.2	(0.9)	65.2	(0.9)
New South Wales	49.9	(3.0)	17.3	(2.8)	32.9	(2.4)	26.2	(3.2)	47.1	(3.1)	26.6	(3.0)	26.6	(3.4)	39.2	(4.0)	34.2	(4.0)
Northern territory	42.7	(4.9)	24.6	(2.5)	32.7	(3.2)	24.0	(5.9)	49.1	(4.4)	26.9	(2.6)	63.2	(3.7)	13.4	(8.5)	23.4	(9.7)
Queensland	44.7	(3.7)	25.6	(3.7)	29.7	(3.6)	15.7	(3.1)	57.7	(4.4)	26.5	(4.1)	39.4	(2.7)	18.1	(3.3)	42.5	(3.4)
South Australia	44.6	(3.6)	26.8	(4.4)	28.7	(4.5)	14.8	(2.9)	59.2	(5.2)	26.0	(4.7)	22.6	(2.9)	29.3	(4.9)	48.1	(4.5)
Tasmania	51.2	(1.2)	18.2	(1.0)	30.5	(1.1)	29.8	(1.4)	44.3	(1.7)	25.8	(1.0)	27.6	(1.7)	30.3	(1.1)	42.1	(1.6)
Victoria	44.0	(3.6)	24.8	(3.6)	31.2	(2.9)	21.4	(3.6)	63.3	(3.9)	15.3	(3.3)	20.3	(3.3)	31.0	(4.2)	48.7	(3.9)
Western Australia	47.5	(5.3)	23.3	(4.4)	29.2	(4.7)	13.9	(3.6)	60.9	(4.5)	25.2	(3.6)	22.2	(3.8)	35.9	(5.1)	41.9	(4.6)
<b>Belgium</b>																		
Flemish community*	59.5	(4.1)	15.9	(2.9)	24.6	(3.8)	41.3	(4.1)	54.9	(4.2)	3.8	(1.6)	54.9	(3.9)	20.7	(3.5)	24.4	(3.4)
French community	18.6	(4.1)	17.5	(3.8)	63.8	(4.8)	30.1	(4.7)	52.7	(5.2)	17.2	(3.7)	37.4	(4.5)	32.1	(4.9)	30.5	(4.8)
German-speaking community	29.2	(0.3)	46.1	(0.3)	24.7	(0.3)	0.0	c	49.6	(0.3)	50.4	(0.3)	89.8	(0.0)	10.2	(0.0)	0.0	c
<b>Canada</b>																		
Alberta	47.5	(5.2)	29.3	(4.4)	23.2	(4.7)	15.9	(4.2)	60.5	(5.0)	23.6	(4.5)	43.4	(4.5)	36.9	(4.3)	19.7	(4.1)
British Columbia	69.4	(5.1)	22.4	(5.2)	8.1	(2.6)	20.2	(5.0)	65.9	(5.3)	13.9	(4.2)	37.0	(5.0)	36.0	(5.8)	27.0	(4.9)
Manitoba	78.4	(2.4)	12.2	(2.3)	9.4	(0.9)	21.8	(2.9)	55.2	(3.4)	23.0	(2.2)	56.4	(2.6)	36.9	(2.8)	6.7	(0.9)
New Brunswick	91.7	(1.2)	8.2	(1.2)	0.1	(0.1)	47.8	(2.4)	40.8	(2.2)	11.4	(3.2)	88.8	(1.6)	11.2	(1.6)	0.1	(0.1)
Newfoundland and Labrador	87.7	(1.9)	6.0	(1.2)	6.3	(1.4)	50.6	(4.3)	34.1	(4.1)	15.3	(2.2)	73.8	(1.4)	15.5	(1.0)	10.7	(1.2)
Nova Scotia	72.1	(10.7)	25.5	(11.0)	2.4	(0.4)	24.0	(5.9)	45.9	(8.1)	30.2	(10.1)	83.5	(3.5)	15.9	(3.4)	0.6	(0.5)
Ontario	65.1	(4.8)	21.2	(4.2)	13.7	(3.6)	17.5	(3.9)	50.4	(5.5)	32.1	(5.1)	60.1	(5.2)	28.5	(4.8)	11.4	(3.3)
Prince Edward Island	73.8	(0.3)	24.7	(0.3)	1.4	(0.2)	16.9	(0.4)	59.2	(0.5)	24.0	(0.4)	82.6	(0.3)	17.4	(0.3)	0.0	c
Quebec	73.9	(3.3)	16.7	(3.2)	9.4	(2.1)	18.4	(3.1)	57.9	(4.4)	23.7	(3.9)	51.4	(3.8)	30.7	(4.0)	17.9	(3.3)
Saskatchewan	56.7	(2.4)	23.9	(2.3)	19.4	(1.4)	36.2	(3.8)	44.1	(2.7)	19.7	(2.4)	88.4	(1.6)	8.7	(1.5)	3.0	(1.7)
<b>Italy</b>																		
Abruzzo	28.1	(6.0)	25.8	(6.1)	46.1	(6.0)	7.5	(3.8)	38.5	(5.6)	54.0	(6.3)	25.2	(5.3)	34.7	(6.0)	40.1	(6.1)
Basilicata	33.9	(5.8)	22.6	(3.2)	43.5	(5.6)	16.7	(4.9)	45.8	(4.9)	37.4	(4.7)	20.0	(5.9)	63.4	(7.4)	16.6	(5.0)
Bolzano	77.0	(0.7)	19.0	(0.7)	4.1	(0.2)	37.1	(1.2)	26.4	(0.7)	36.5	(0.8)	65.7	(0.9)	31.9	(0.8)	2.5	(0.2)
Calabria	28.3	(6.9)	26.3	(8.0)	45.4	(7.5)	16.3	(5.5)	20.5	(6.7)	63.1	(7.8)	17.2	(6.0)	46.9	(7.8)	35.9	(7.9)
Campania	32.5	(6.5)	18.2	(8.5)	49.4	(8.7)	28.3	(7.9)	30.2	(9.1)	41.4	(7.5)	20.3	(6.1)	41.6	(7.9)	38.0	(7.2)
Emilia Romagna	50.9	(8.1)	17.5	(6.5)	31.6	(7.2)	16.6	(6.3)	29.8	(6.4)	53.6	(8.3)	44.5	(7.5)	24.8	(6.7)	30.7	(6.5)
Friuli Venezia Giulia	39.8	(4.6)	23.5	(6.9)	36.8	(7.5)	2.2	(2.2)	37.3	(6.0)	60.5	(5.7)	26.1	(4.2)	60.1	(5.9)	13.8	(4.5)
Lazio	34.8	(7.5)	19.5	(6.0)	45.7	(8.9)	18.0	(5.9)	56.0	(8.2)	26.0	(7.0)	25.2	(7.5)	37.7	(7.1)	37.1	(8.0)
Liguria	42.9	(6.5)	18.3	(5.5)	38.9	(7.7)	13.3	(3.8)	34.5	(7.6)	52.2	(7.8)	33.7	(6.9)	49.1	(6.7)	17.2	(5.1)
Lombardia	38.8	(6.8)	23.4	(5.6)	37.8	(6.6)	13.7	(5.4)	35.6	(7.8)	50.7	(7.8)	30.3	(7.2)	46.5	(7.7)	23.3	(5.1)
Marche	39.2	(7.3)	14.0	(5.2)	46.8	(5.2)	12.8	(5.2)	29.6	(7.7)	57.6	(8.0)	35.3	(6.8)	44.0	(7.5)	20.7	(6.4)
Molise	22.3	(0.7)	25.1	(0.8)	52.6	(1.0)	11.4	(0.7)	46.1	(1.0)	42.5	(0.9)	24.6	(0.9)	52.3	(0.9)	23.2	(0.7)
Piemonte	38.4	(6.5)	31.5	(7.3)	30.1	(6.5)	18.3	(5.2)	39.4	(7.3)	42.3	(7.8)	24.2	(5.9)	55.2	(5.5)	20.6	(4.2)
Puglia	31.7	(6.5)	33.7	(7.0)	34.6	(6.7)	18.0	(4.5)	50.9	(7.0)	31.1	(6.0)	22.6	(5.4)	50.9	(7.3)	26.5	(6.0)
Sardegna	42.7	(7.3)	21.7	(6.7)	35.6	(6.7)	24.5	(4.6)	31.9	(7.0)	43.6	(7.7)	30.8	(5.2)	35.1	(6.7)	34.1	(6.9)
Sicilia	27.2	(6.8)	23.0	(6.2)	49.8	(6.0)	15.3	(4.7)	49.3	(6.9)	35.4	(5.4)	25.7	(6.0)	51.4	(7.7)	22.9	(5.4)
Toscana	42.6	(7.3)	20.8	(7.2)	36.6	(7.8)	21.1	(6.5)	30.8	(7.3)	48.0	(8.4)	34.1	(7.1)	42.2	(7.3)	23.7	(6.9)
Trento	57.5	(4.9)	17.1	(3.0)	25.4	(4.2)	9.3	(1.4)	51.6	(4.5)	39.0	(4.8)	58.2	(5.9)	24.3	(5.4)	17.5	(2.5)
Umbria	25.7	(4.5)	28.2	(4.2)	46.1	(5.1)	5.0	(2.3)	58.7	(6.5)	36.3	(6.1)	30.0	(5.9)	48.5	(4.5)	21.5	(3.9)
Valle d'Aosta	90.7	(0.6)	0.9	(0.1)	8.4	(0.6)	43.2	(1.0)	39.9	(0.8)	17.0	(0.8)	76.7	(0.8)	21.6	(0.7)	1.7	(0.3)
Veneto	39.8	(6.2)	25.6	(6.7)	34.6	(6.8)	12.6	(4.6)	49.3	(6.8)	38.1	(6.1)	22.4	(6.6)	65.4	(7.5)	12.2	(4.7)
<b>Mexico</b>																		
Aguascalientes	56.5	(6.9)	9.3	(5.1)	34.3	(6.7)	33.4	(8.1)	51.3	(7.9)	15.3	(3.7)	52.9	(7.1)	30.1	(6.9)	17.1	(4.3)
Baja California	80.4	(6.7)	8.7	(6.3)	10.9	(3.5)	63.6	(8.9)	25.4	(7.8)	11.1	(5.1)	55.4	(6.9)	18.4	(5.9)	26.3	(6.0)
Baja California Sur	78.6	(7.8)	9.2	(5.9)	12.2	(5.3)	46.6	(7.1)	43.7	(5.7)	9.7	(5.8)	60.4	(8.9)	21.5	(7.5)	18.1	(5.6)
Campeche	86.1	(5.3)	9.3	(4.9)	4.7	(1.9)	67.9	(8.6)	26.3	(8.5)	5.8	(1.8)	80.0	(9.4)	20.0	(9.4)	0.0	c
Chiapas	71.3	(7.1)	9.0	(4.7)	19.8	(6.7)	51.4	(8.6)	42.8	(7.8)	5.8	(4.3)	83.9	(5.5)	15.6	(5.4)	0.5	(0.5)
Chihuahua	61.7	(11.5)	15.8	(6.6)	22.6	(10.8)	43.2	(9.9)	46.5	(9.6)	10.3	(4.7)	43.8	(9.8)	44.1	(11.3)	12.2	(7.2)
Coahuila	79.3	(4.9)	14.9	(4.3)	5.9	(3.1)	56.1	(8.4)	32.9	(8.2)	11.0	(2.6)	71.0	(8.9)	20.7	(7.9)	8.2	(4.9)
Colima	80.3	(7.2)	8.9	(4.7)	10.8	(5.8)	61.0	(5.9)	33.7	(5.6)	5.3	(2.5)	82.7	(4.4)	17.3	(4.4)	0.0	c
Distrito Federal	59.5	(8.7)	16.0	(7.3)	24.5	(9.2)	42.1	(8.0)	40.3	(7.8)	17.6	(8.8)	64.0	(7.2)	23.4	(8.6)	12.5	(7.2)
Durango	74.8	(5.5)	8.3	(3.3)	16.9	(3.7)	49.7	(9.8)	19.3	(5.4)	31.0	(10.5)	71.4	(10.7)	25.7	(10.7)	3.0	(2.2)
Guanajuato	69.5	(6.6)	21.2	(5.4)	9.4	(4.0)	48.5	(8.5)	37.1	(7.8)	14.3	(5.3)	71.9	(8.8)	26.8	(8.7)	1.4	(1.3)
Guerrero	72.9	(4.9)	15.8	(4.5)	11.3	(5.4)	44.6	(6.4)	47.9	(6.6)	7.5	(4.1)	76.6	(6.1)	17.0	(7.0)	6.5	(4.5)
Hidalgo	80.0	(6.8)	14.0	(5.7)	5.9	(3.8)	49.1	(7.6)	38.3	(7.8)	12.6	(4.7)	80.7	(6.8)	12.5	(6.0)	6.8	(3.6)
Jalisco	64.8	(7.4)	25.6	(8.1)	9.6	(6.0)	54.4	(10.3)	41.5	(10.1)	4.1	(2.8)	70.1	(8.4)	26.5	(9.3)	3.5	(2.5)
Mexico	66.8	(7.4)	18.5	(4.6)	14.7	(6.0)	60.7	(9.1)	26.9	(8.7)	12.4	(5.5)	77.8	(6.3)	12.2	(5.5)	10.0	(4.6)
Morelos	74.3	(8.9)	11.5	(6.1)	14.2	(6.5)	51.7	(8.9)	41.5	(9.1)	6.8	(2.9)	73.1	(7.9)	24.8	(7.8)	2.1	(1.5)
Nayarit	65.4	(6.1)	14.7	(5.3)	19.9	(6.8)	51.0	(6.5)	30.9	(6.9)	18.1	(5.8)	64.6	(6.3)	21.8	(4.6)	13.6	(5.2)
Nuevo León	64.4	(8.8)	16.4	(4.5)	19.2	(7.5)	44.9	(9.5)	43.2	(9.2)	11.9	(6.1)	65.2	(7.5)	13.2	(6.4)	21.6	(9.3)
Puebla	59.5	(8.9)	23.5	(8.1)	16.9	(6.2)	43.5	(9.0)	54.2	(8.8)	2.3	(1.9)	73.0	(6.0)	23.4	(5.5)	3.6	(3.2)
Querétaro	77.3	(5.8)	14.1	(3.5)	8.6	(4.0)	58.6	(5.9)	24.9	(5.9)	16.5	(4.7)	70.1	(5.5)	16.5	(6.2)	13.3	(5.4)
Quintana Roo	55.6	(9.2)	28.1	(8.9)	16.3	(7.6)	34.1	(6.7)	49.5	(10.5)	16.4	(7.3)	48.2	(8.7)	41.6	(9.0)		



[Part 4/6]


## School admissions policies, by region

Table B2.IV.2 Results based on school principals' reports

		Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:																		
		Parents' endorsement of the instructional or religious philosophy of the school						Whether the student requires or is interested in a special programme						Preference given to family members of current or former students						
		Never		Sometimes		Always		Never		Sometimes		Always		Never		Sometimes		Always		
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	<b>Portugal</b>																			
	Alentejo	60.8 (9.3)	9.0 (2.7)	30.2 (9.7)	3.2 (2.6)	47.6 (11.5)	49.2 (11.1)	28.6 (10.7)	48.8 (13.5)	22.6 (9.7)										
	<b>Spain</b>																			
	Andalusia*	93.7 (3.6)	4.4 (3.1)	1.8 (1.9)	66.0 (6.8)	20.7 (6.4)	13.3 (4.2)	42.2 (7.8)	21.7 (6.0)	36.1 (6.4)										
	Aragon*	89.9 (4.6)	6.7 (3.8)	3.4 (2.5)	65.0 (6.9)	33.7 (6.9)	1.2 (1.2)	61.3 (6.7)	27.4 (6.1)	11.3 (3.3)										
	Asturias*	85.3 (4.3)	3.7 (2.6)	11.0 (3.4)	57.3 (6.5)	32.4 (5.4)	10.2 (4.2)	31.3 (5.4)	39.8 (5.0)	28.9 (4.3)										
	Balearic Islands*	77.2 (5.7)	10.4 (4.3)	12.4 (4.2)	57.7 (7.8)	37.0 (7.9)	5.4 (3.1)	30.3 (5.2)	35.5 (6.0)	34.2 (5.1)										
	Basque Country*	61.9 (3.7)	16.3 (2.6)	21.8 (3.3)	54.4 (3.7)	30.0 (3.4)	15.7 (3.0)	30.5 (3.0)	29.4 (3.0)	40.1 (3.7)										
	Cantabria*	88.7 (4.0)	5.7 (2.9)	5.6 (3.3)	51.5 (6.3)	36.4 (6.2)	12.2 (4.3)	46.9 (5.7)	34.1 (5.9)	19.0 (5.4)										
	Castile and Leon*	75.0 (6.0)	16.9 (5.0)	8.1 (3.8)	50.6 (7.3)	36.9 (6.5)	12.5 (4.9)	37.3 (7.2)	23.2 (6.2)	39.5 (7.1)										
	Catalonia*	86.5 (3.2)	2.0 (2.0)	11.5 (3.9)	74.7 (6.7)	20.4 (6.4)	4.9 (3.5)	30.8 (6.9)	18.3 (6.4)	50.8 (7.8)										
	Extremadura*	87.2 (2.8)	6.1 (2.0)	6.7 (1.9)	59.8 (6.7)	25.9 (6.5)	14.3 (5.2)	55.9 (7.3)	22.3 (6.7)	21.8 (5.0)										
	Galicia*	86.5 (4.7)	2.0 (2.1)	11.4 (4.2)	70.9 (5.0)	23.2 (4.6)	5.9 (3.4)	68.9 (5.0)	13.6 (5.2)	17.6 (4.9)										
	La Rioja*	78.2 (0.5)	14.1 (0.5)	7.7 (0.1)	46.5 (0.6)	46.8 (0.6)	6.7 (0.3)	27.0 (0.6)	36.8 (0.5)	36.1 (0.4)										
	Madrid*	73.4 (5.5)	13.7 (5.3)	12.9 (5.2)	46.4 (6.7)	43.5 (7.6)	10.0 (4.5)	14.6 (4.7)	35.7 (6.8)	49.7 (7.6)										
	Murcia*	78.4 (3.7)	16.6 (3.8)	4.9 (3.0)	46.5 (5.7)	32.3 (5.8)	21.2 (5.3)	19.6 (6.1)	38.7 (7.1)	41.7 (6.8)										
	Navarre*	75.6 (4.0)	14.9 (4.9)	9.6 (4.4)	54.6 (5.0)	34.9 (4.5)	10.6 (3.7)	41.1 (3.9)	28.6 (4.0)	30.4 (4.9)										
	<b>United Kingdom</b>																			
	England	69.8 (3.5)	18.2 (3.1)	12.1 (2.6)	53.4 (4.0)	32.7 (3.8)	13.9 (2.5)	30.6 (3.7)	39.6 (3.6)	29.8 (3.5)										
	Northern Ireland	53.1 (5.1)	24.8 (4.6)	22.1 (3.5)	44.2 (5.4)	47.6 (5.8)	8.1 (2.6)	18.8 (4.6)	50.1 (4.5)	31.1 (4.8)										
	Scotland*	78.9 (4.3)	9.9 (2.8)	11.2 (3.3)	50.4 (4.5)	38.7 (4.7)	10.9 (3.5)	60.2 (5.1)	23.5 (4.1)	16.4 (3.7)										
	Wales	67.5 (4.0)	18.9 (3.2)	13.5 (2.8)	51.7 (3.8)	34.7 (4.0)	13.6 (2.5)	58.7 (3.5)	27.8 (3.7)	13.4 (2.5)										
	<b>United States</b>																			
	Connecticut*	81.1 (5.6)	10.7 (3.6)	8.2 (4.2)	50.4 (6.7)	24.0 (5.0)	25.6 (6.2)	83.2 (4.9)	13.0 (5.1)	3.8 (2.8)										
	Florida*	69.2 (7.2)	25.4 (7.4)	5.5 (3.2)	21.9 (7.2)	44.7 (8.5)	33.3 (8.3)	70.8 (6.7)	22.9 (6.5)	6.3 (6.1)										
	Massachusetts*	80.4 (6.4)	17.7 (6.0)	1.9 (1.9)	54.7 (7.4)	30.8 (6.5)	14.5 (5.7)	93.0 (3.6)	5.0 (3.0)	2.0 (2.0)										
	Partners	<b>Argentina</b>																		
		Ciudad Autónoma de Buenos Aires*	25.7 (7.7)	36.1 (8.4)	38.2 (7.5)	37.3 (6.8)	36.1 (5.9)	26.6 (6.8)	15.5 (6.1)	19.8 (5.8)	64.7 (8.3)									
		<b>Brazil</b>																		
		Acre	71.3 (9.3)	22.5 (9.3)	6.2 (4.6)	64.8 (9.5)	24.7 (8.6)	10.4 (6.3)	76.4 (8.5)	18.5 (8.4)	5.1 (4.0)									
		Alagoas	73.0 (10.2)	12.9 (7.6)	14.1 (7.7)	60.6 (9.9)	21.7 (8.2)	17.7 (8.1)	86.1 (5.8)	13.9 (5.8)	0.0 (c)									
		Amapá	46.3 (11.1)	29.4 (9.4)	24.3 (7.8)	25.5 (11.1)	49.1 (8.3)	25.4 (10.0)	49.6 (9.2)	39.2 (11.3)	11.2 (7.8)									
		Amazonas	50.5 (11.5)	44.9 (11.0)	4.5 (3.0)	68.2 (9.6)	28.0 (9.7)	3.8 (3.7)	54.0 (10.9)	41.7 (11.3)	4.3 (4.2)									
Bahia		52.5 (11.9)	23.0 (9.7)	24.5 (9.7)	52.4 (15.7)	40.3 (16.0)	7.3 (6.4)	46.7 (15.7)	40.6 (15.5)	12.7 (8.0)										
Ceará		58.8 (9.2)	13.5 (7.2)	27.7 (10.4)	47.2 (11.7)	34.2 (9.1)	18.7 (8.1)	51.1 (12.3)	30.6 (10.1)	18.3 (9.1)										
Espírito Santo		83.4 (9.3)	12.0 (8.3)	4.6 (4.7)	75.2 (8.1)	19.7 (6.4)	5.2 (4.9)	62.7 (12.7)	11.7 (5.5)	25.6 (11.4)										
Federal District		55.1 (6.9)	31.6 (12.8)	13.3 (9.6)	47.8 (11.4)	43.7 (14.8)	8.6 (8.7)	71.6 (13.2)	14.4 (11.2)	13.9 (7.3)										
Goias		64.4 (6.6)	25.9 (8.1)	9.7 (6.4)	53.2 (12.4)	38.9 (11.9)	7.9 (5.2)	64.3 (9.9)	33.1 (9.8)	2.6 (2.6)										
Maranhão		37.5 (8.8)	34.0 (13.0)	28.5 (14.2)	35.6 (9.2)	44.6 (13.7)	19.8 (9.6)	31.2 (9.5)	50.3 (10.3)	18.5 (8.9)										
Mato Grosso		50.1 (8.8)	28.4 (8.7)	21.5 (8.3)	38.9 (10.3)	35.7 (11.3)	25.4 (7.9)	52.1 (6.0)	16.6 (7.8)	31.3 (5.4)										
Mato Grosso do Sul		48.8 (10.7)	16.9 (6.8)	34.3 (11.8)	49.4 (10.2)	44.1 (10.4)	6.5 (4.0)	40.7 (10.5)	35.4 (10.1)	23.9 (8.2)										
Minas Gerais		69.4 (8.5)	27.2 (8.4)	3.4 (2.7)	75.3 (8.2)	22.3 (7.9)	2.4 (2.4)	73.9 (7.7)	17.3 (4.8)	8.8 (5.4)										
Pará		41.3 (8.5)	25.0 (6.1)	33.7 (6.4)	41.1 (9.2)	41.0 (13.8)	17.9 (11.7)	52.5 (6.7)	20.5 (5.2)	27.0 (4.2)										
Paraíba		49.1 (12.1)	19.5 (7.5)	31.4 (10.3)	38.8 (10.0)	56.4 (13.2)	4.8 (5.5)	28.4 (11.4)	41.3 (12.0)	30.3 (14.3)										
Paraná		80.3 (9.7)	12.0 (6.3)	7.8 (7.7)	60.1 (10.4)	34.3 (11.3)	5.6 (5.2)	56.0 (10.2)	44.0 (10.2)	0.0 (c)										
Pernambuco		35.9 (12.5)	27.6 (10.5)	36.5 (13.6)	29.0 (9.1)	33.4 (11.1)	37.7 (13.7)	47.1 (13.7)	45.1 (13.7)	7.8 (5.1)										
Piauí		50.2 (8.7)	18.5 (8.3)	31.3 (10.3)	31.0 (10.2)	42.2 (14.2)	26.8 (10.2)	29.0 (10.6)	28.4 (8.7)	42.5 (13.4)										
Rio de Janeiro		61.0 (10.5)	15.1 (7.6)	23.9 (9.0)	47.2 (8.6)	31.5 (7.5)	21.3 (7.5)	55.3 (11.5)	38.9 (10.1)	5.8 (5.1)										
Rio Grande do Norte		50.0 (11.1)	13.9 (6.9)	36.1 (9.0)	47.2 (11.5)	21.9 (7.3)	31.0 (8.8)	38.3 (10.9)	48.2 (10.5)	13.4 (6.7)										
Rio Grande do Sul		73.6 (6.3)	6.9 (5.0)	19.6 (4.0)	64.2 (8.9)	27.4 (8.0)	8.4 (5.1)	71.5 (10.0)	24.9 (8.8)	3.6 (5.1)										
Rondônia		58.5 (11.1)	27.8 (10.9)	13.7 (7.4)	47.5 (9.9)	46.7 (10.1)	5.7 (5.5)	64.9 (11.2)	15.5 (6.9)	19.6 (9.9)										
Roraima		59.0 (4.7)	25.1 (7.1)	15.9 (6.6)	54.4 (10.7)	28.5 (9.8)	17.1 (4.2)	42.0 (11.1)	43.5 (7.4)	14.5 (9.7)										
Santa Catarina		61.5 (9.0)	32.1 (9.3)	6.4 (4.7)	58.6 (6.7)	31.0 (5.9)	10.5 (6.4)	69.7 (8.5)	17.5 (4.7)	12.9 (6.2)										
São Paulo		66.2 (5.7)	18.3 (4.6)	15.6 (3.5)	61.4 (6.0)	23.5 (5.1)	15.1 (4.3)	68.7 (6.0)	22.4 (4.9)	8.9 (4.5)										
Sergipe		50.1 (13.2)	24.4 (10.8)	25.4 (11.1)	40.0 (8.8)	56.3 (7.7)	3.7 (3.8)	44.8 (10.3)	48.5 (10.8)	6.7 (5.1)										
Tocantins		55.6 (10.7)	19.0 (8.8)	25.4 (9.5)	63.6 (10.2)	28.9 (9.8)	7.5 (5.1)	71.5 (9.7)	14.8 (6.4)	13.7 (7.4)										
<b>Colombia</b>																				
Bogota		70.4 (6.2)	10.4 (3.3)	19.2 (5.4)	57.9 (6.9)	36.1 (7.1)	6.0 (3.5)	38.9 (6.8)	39.9 (8.2)	21.2 (6.2)										
Cali		53.6 (9.2)	18.0 (5.3)	28.4 (7.6)	44.2 (8.5)	36.5 (6.9)	19.3 (7.6)	27.4 (6.9)	38.2 (9.1)	34.4 (6.4)										
Manizales	51.2 (7.6)	13.5 (3.0)	35.2 (6.9)	49.3 (7.6)	40.9 (7.8)	9.8 (3.9)	56.4 (9.4)	27.2 (5.2)	16.4 (6.5)											
Medellin	48.3 (7.5)	19.0 (6.0)	32.7 (6.7)	51.1 (7.8)	28.8 (7.6)	20.2 (6.5)	27.2 (6.6)	39.0 (8.4)	33.8 (6.7)											
<b>Russian Federation</b>																				
Perm Territory region*	21.5 (5.2)	43.9 (6.0)	34.6 (5.6)	13.8 (4.0)	37.7 (6.2)	48.5 (5.8)	55.5 (5.5)	41.2 (5.5)	3.4 (2.4)											
<b>United Arab Emirates</b>																				
Abu Dhabi*	31.9 (4.1)	33.2 (4.3)	34.9 (3.9)	28.5 (3.7)	43.6 (3.8)	27.9 (3.9)	26.0 (3.1)	22.1 (3.4)	51.9 (4.0)											
Ajman	12.8 (4.0)	27.0 (2.6)	60.2 (4.4)	23.1 (6.2)	35.9 (6.3)	41.0 (5.6)	21.2 (6.0)	54.1 (7.3)	24.7 (7.6)											
Dubai*	18.1 (0.3)	38.6 (0.2)	43.3 (0.2)	26.1 (0.3)	47.2 (0.3)	26.7 (0.1)	8.0 (0.1)	37.0 (0.2)	55.0 (0.2)											
Fujairah	21.8 (6.5)	21.7 (7.2)	56.5 (6.1)	7.9 (3.6)	60.6 (6.4)	31.5 (4.8)	54.8 (2.7)	18.8 (1.4)	26.4 (2.5)											
Ras Al Khaimah	37.0 (8.4)	27.1 (9.1)	35.8 (5.9)	50.2 (10.0)	30.3 (7.5)	19.5 (8.6)	52.8 (10.7)	33.5 (9.8)	13.8 (4.6)											
Sharjah	34.2 (9.3)	32.2 (8.3)	33.6 (10.6)	34.7 (10.4)	53.4 (8.0)	11.9 (7.0)	10.3 (5.9)	58.4 (11.1)	31.3 (10.7)											
Umm Al Quwain	27.1 (0.2)	37.7 (0.3)	35.2 (0.3)	28.3 (0.2)	51.8 (0.2)	19.9 (0.1)	60.1 (0.2)	26.9 (0.3)	13.0 (0.3)											

\* PISA adjudicated region.

Note: See Table IV.2.7 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>





[Part 5/6]  
**School admissions policies, by region**  
 Table B2.IV.2 *Results based on school principals' reports*

	Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:						Percentage of students in schools whose principals reported whether "students' records of academic performance" and "recommendations of feeder schools" are considered for admission					
	Other						These two factors are "never" considered	At least one of these two factors is "sometimes" considered but neither factor is "always" considered		At least one of these two factors is "always" considered		
	Never		Sometimes		Always			%	S.E.	%	S.E.	
	%	S.E.	%	S.E.	%	S.E.		%	S.E.	%	S.E.	
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	21.9	(0.9)	74.4	(1.0)	3.7	(0.4)	23.5	(0.9)	49.6	(1.2)	26.9	(1.0)
New South Wales	29.9	(3.5)	57.3	(3.7)	12.8	(2.5)	12.1	(2.5)	32.1	(3.5)	55.7	(3.8)
Northern territory	65.0	(9.2)	27.4	(2.3)	7.6	(8.4)	21.0	(6.1)	54.8	(9.9)	24.3	(8.9)
Queensland	43.9	(3.6)	44.4	(4.1)	11.7	(3.1)	20.7	(3.2)	40.8	(4.2)	38.5	(4.2)
South Australia	30.9	(4.5)	64.1	(4.8)	5.0	(2.3)	15.5	(3.2)	42.7	(5.2)	41.8	(4.9)
Tasmania	38.1	(1.4)	50.2	(1.4)	11.7	(0.9)	26.5	(1.9)	41.1	(1.5)	32.5	(1.7)
Victoria	31.7	(4.0)	63.0	(4.5)	5.3	(2.0)	12.3	(2.8)	45.4	(4.6)	42.3	(4.1)
Western Australia	32.0	(4.6)	54.5	(4.9)	13.5	(3.7)	22.0	(4.3)	42.0	(4.1)	36.0	(4.2)
<b>Belgium</b>												
Flemish community*	54.8	(5.2)	40.0	(5.2)	5.2	(1.9)	26.2	(3.3)	39.1	(4.0)	34.7	(3.9)
French community	53.7	(7.4)	34.1	(6.9)	12.2	(4.0)	47.3	(4.9)	36.5	(4.7)	16.2	(3.2)
German-speaking community	37.8	(0.3)	60.8	(0.3)	1.4	(0.3)	20.3	(0.2)	42.5	(0.3)	37.2	(0.2)
<b>Canada</b>												
Alberta	41.7	(5.9)	48.3	(6.6)	10.0	(3.9)	27.7	(5.2)	43.0	(5.6)	29.3	(5.2)
British Columbia	45.0	(9.7)	48.5	(9.3)	6.4	(3.5)	28.2	(5.8)	36.9	(5.7)	34.8	(5.9)
Manitoba	26.9	(5.3)	44.1	(5.0)	29.0	(4.6)	22.3	(3.0)	47.1	(3.2)	30.6	(2.4)
New Brunswick	30.0	(3.3)	70.0	(3.3)	0.0	c	50.7	(2.8)	34.4	(2.0)	14.9	(3.2)
Newfoundland and Labrador	59.8	(5.0)	36.1	(4.9)	4.1	(0.4)	49.7	(4.5)	18.9	(1.0)	31.4	(4.0)
Nova Scotia	35.1	(10.1)	30.4	(9.2)	34.5	(17.1)	38.8	(7.1)	20.9	(5.0)	40.3	(9.1)
Ontario	28.1	(7.2)	54.2	(8.9)	17.8	(6.1)	23.7	(4.5)	32.5	(4.6)	43.8	(5.1)
Prince Edward Island	77.9	(0.4)	22.1	(0.4)	0.0	c	31.4	(0.5)	24.8	(0.4)	43.9	(0.4)
Quebec	60.8	(5.8)	32.0	(5.5)	7.2	(3.1)	24.1	(4.0)	32.6	(3.6)	43.2	(3.5)
Saskatchewan	63.7	(4.6)	29.1	(4.2)	7.3	(1.8)	34.4	(4.1)	38.2	(3.0)	27.3	(2.8)
<b>Italy</b>												
Abruzzo	24.6	(8.3)	65.4	(9.6)	10.0	(7.5)	9.4	(3.7)	11.3	(4.6)	79.3	(5.9)
Basilicata	39.1	(7.4)	56.2	(6.6)	4.7	(4.6)	17.8	(3.3)	21.9	(5.1)	60.3	(4.8)
Bolzano	62.6	(0.7)	29.9	(0.8)	7.5	(0.4)	64.9	(0.9)	19.3	(0.6)	15.7	(1.1)
Calabria	43.1	(9.6)	42.9	(9.7)	14.0	(5.8)	14.0	(5.5)	28.3	(6.0)	57.7	(7.2)
Campania	64.7	(9.7)	26.8	(8.2)	8.4	(5.9)	11.3	(3.4)	26.2	(7.7)	62.5	(8.8)
Emilia Romagna	70.0	(9.5)	22.4	(8.5)	7.5	(5.3)	10.1	(5.2)	12.9	(4.3)	76.9	(6.2)
Friuli Venezia Giulia	31.3	(5.3)	61.3	(6.4)	7.4	(3.6)	8.3	(3.6)	17.5	(3.4)	74.2	(4.7)
Lazio	49.8	(8.8)	30.6	(8.6)	19.7	(7.0)	13.5	(5.3)	10.6	(3.2)	75.9	(6.2)
Liguria	57.9	(8.6)	32.2	(7.3)	9.9	(6.3)	8.7	(4.2)	29.1	(6.0)	62.1	(7.3)
Lombardia	45.6	(9.1)	47.3	(8.9)	7.1	(4.4)	15.1	(4.9)	22.1	(7.8)	62.8	(7.6)
Marche	38.3	(9.0)	47.8	(7.9)	13.9	(6.5)	13.8	(2.9)	6.9	(3.5)	79.3	(4.5)
Molise	38.3	(1.2)	40.5	(1.2)	21.2	(0.9)	0.0	c	39.7	(0.9)	60.3	(0.9)
Piemonte	45.0	(6.6)	46.5	(7.3)	8.5	(4.4)	12.3	(4.9)	31.3	(6.1)	56.4	(8.5)
Puglia	42.9	(8.2)	44.8	(9.0)	12.3	(6.1)	12.7	(5.0)	25.6	(6.6)	61.7	(7.2)
Sardegna	31.7	(9.8)	49.9	(11.8)	18.4	(7.6)	18.3	(3.6)	13.9	(5.5)	67.8	(6.2)
Sicilia	42.3	(8.4)	48.8	(9.0)	8.9	(4.7)	15.0	(4.1)	17.9	(5.7)	67.1	(6.6)
Toscana	47.3	(10.6)	43.3	(11.2)	9.3	(3.5)	16.8	(5.7)	27.1	(6.7)	56.0	(8.1)
Trento	53.9	(4.5)	31.2	(5.1)	14.9	(4.0)	10.4	(1.3)	30.8	(4.9)	58.8	(4.9)
Umbria	36.3	(8.7)	47.1	(7.7)	16.6	(3.4)	3.2	(2.1)	23.5	(3.9)	73.3	(4.2)
Valle d'Aosta	70.5	(1.0)	28.7	(1.0)	0.8	(0.0)	22.7	(0.8)	38.7	(0.8)	38.6	(0.9)
Veneto	43.5	(9.3)	40.1	(9.3)	16.4	(4.9)	7.0	(3.7)	18.3	(4.2)	74.8	(5.5)
<b>Mexico</b>												
Aguaascalientes	45.4	(7.0)	50.8	(7.6)	3.8	(2.3)	11.0	(4.5)	19.0	(4.4)	70.1	(5.4)
Baja California	35.8	(12.7)	50.9	(13.1)	13.3	(8.2)	10.8	(7.8)	41.6	(10.8)	47.6	(6.6)
Baja California Sur	48.4	(8.2)	42.4	(7.6)	9.2	(4.2)	29.6	(9.7)	16.3	(6.6)	54.0	(8.6)
Campeche	55.0	(8.4)	32.3	(11.4)	12.7	(9.7)	39.3	(6.9)	16.6	(7.9)	44.1	(9.1)
Chiapas	71.9	(11.0)	23.8	(10.6)	4.2	(4.0)	27.9	(7.4)	24.5	(6.5)	47.6	(9.5)
Chihuahua	49.3	(10.2)	46.9	(13.2)	3.8	(4.4)	12.9	(3.5)	36.3	(9.6)	50.7	(9.1)
Coahuila	70.1	(10.3)	29.9	(10.3)	0.0	c	15.2	(5.9)	23.3	(8.4)	61.5	(9.5)
Colima	75.3	(6.5)	17.5	(6.7)	7.3	(1.9)	18.3	(5.1)	24.5	(6.5)	57.2	(6.2)
Distrito Federal	43.5	(11.6)	42.1	(10.9)	14.4	(9.9)	34.1	(10.0)	27.7	(9.3)	38.2	(8.1)
Durango	71.4	(8.6)	22.7	(7.4)	6.0	(4.5)	16.5	(6.1)	19.6	(7.2)	63.8	(7.6)
Guanajuato	48.8	(9.4)	51.2	(9.4)	0.0	c	35.9	(6.7)	5.4	(2.8)	58.7	(7.0)
Guerrero	74.5	(11.2)	25.5	(11.2)	0.0	c	24.0	(7.2)	28.4	(8.9)	47.6	(7.0)
Hidalgo	88.3	(3.0)	8.5	(3.7)	3.2	(3.2)	22.1	(6.7)	15.4	(5.0)	62.5	(7.5)
Jalisco	75.7	(7.7)	17.2	(6.0)	7.1	(4.3)	37.1	(7.0)	12.8	(2.8)	50.0	(6.5)
Mexico	55.4	(8.8)	36.9	(7.8)	7.7	(7.0)	28.6	(7.9)	24.0	(6.4)	47.4	(8.3)
Morelos	62.7	(8.9)	29.3	(8.7)	8.0	(4.3)	17.4	(5.9)	18.0	(6.8)	64.6	(8.0)
Nayarit	67.6	(8.5)	23.0	(8.4)	9.4	(5.3)	27.9	(4.5)	18.1	(4.5)	54.0	(5.8)
Nuevo León	54.0	(10.6)	42.0	(10.3)	4.1	(4.1)	26.1	(8.7)	18.7	(5.5)	55.2	(9.5)
Puebla	80.4	(7.2)	16.8	(6.5)	2.8	(2.8)	25.6	(6.4)	28.3	(7.0)	46.2	(5.1)
Querétaro	47.7	(9.8)	39.8	(10.5)	12.5	(3.2)	26.6	(8.7)	13.7	(3.2)	59.7	(10.0)
Quintana Roo	34.4	(11.6)	52.4	(8.5)	13.3	(9.1)	20.9	(5.4)	31.2	(5.9)	47.9	(7.0)
San Luis Potosí	60.9	(7.0)	31.9	(11.5)	7.2	(7.0)	34.3	(9.6)	16.5	(5.6)	49.2	(10.8)
Sinaloa	56.9	(10.1)	29.2	(9.9)	13.9	(8.0)	11.6	(4.2)	23.9	(7.2)	64.6	(7.7)
Tabasco	42.8	(10.2)	55.7	(10.0)	1.5	(1.5)	28.4	(8.9)	25.8	(8.5)	45.8	(8.3)
Tamaulipas	60.3	(14.3)	38.0	(14.4)	1.7	(1.7)	10.1	(4.9)	27.8	(6.1)	62.1	(7.4)
Tlaxcala	76.3	(7.6)	17.7	(5.7)	6.0	(4.7)	34.0	(6.3)	8.1	(4.1)	57.9	(7.4)
Veracruz	91.5	(4.9)	5.9	(4.2)	2.7	(2.6)	43.1	(9.0)	23.8	(8.5)	33.0	(6.1)
Yucatán	61.5	(8.8)	35.6	(9.6)	2.9	(2.9)	21.8	(6.9)	28.2	(9.6)	49.9	(10.2)
Zacatecas	61.8	(10.2)	31.6	(10.1)	6.5	(3.0)	28.1	(7.8)	18.8	(5.5)	53.1	(7.1)

\* PISA adjudicated region.

Note: See Table IV.2.7 for national data.


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[Part 6/6]  
**School admissions policies, by region**  
 Table B2.IV.2 *Results based on school principals' reports*

	Percentage of students in schools whose principal reported that the following factors are "never", "sometimes" or "always" considered for admission to school:						Percentage of students in schools whose principals reported whether "students' records of academic performance" and "recommendations of feeder schools" are considered for admission								
	Other						These two factors are "never" considered	At least one of these two factors is "sometimes" considered but neither factor is "always" considered	At least one of these two factors is "always" considered						
	Never		Sometimes		Always					%	S.E.	%	S.E.	%	S.E.
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.			
<b>OECD</b>															
<b>Portugal</b>															
Alentejo	37.1	(13.6)	54.2	(14.8)	8.6	(7.3)	53.8	(12.9)	22.8	(10.6)	23.4	(8.0)			
<b>Spain</b>															
Andalusia*	45.1	(8.0)	26.7	(6.9)	28.2	(7.4)	80.8	(5.4)	11.4	(4.7)	7.8	(3.9)			
Aragon*	59.9	(6.6)	19.6	(6.8)	20.5	(5.1)	89.0	(4.9)	8.9	(4.4)	2.1	(2.1)			
Asturias*	40.0	(7.9)	43.9	(8.4)	16.2	(7.0)	88.2	(3.6)	11.8	(3.6)	0.0	c			
Balearic Islands*	45.3	(9.4)	32.6	(8.0)	22.1	(6.5)	90.1	(4.2)	6.6	(3.5)	3.3	(2.4)			
Basque Country*	32.7	(4.3)	38.5	(4.2)	28.8	(4.1)	62.8	(4.2)	24.3	(3.7)	12.9	(2.4)			
Cantabria*	38.7	(8.4)	33.4	(8.3)	27.9	(8.0)	93.9	(3.6)	3.9	(2.8)	2.3	(2.2)			
Castile and Leon*	45.9	(7.1)	38.0	(7.6)	16.2	(5.5)	84.6	(5.3)	14.4	(5.2)	1.0	(1.0)			
Catalonia*	44.1	(6.2)	23.4	(7.0)	32.6	(8.6)	88.1	(4.2)	11.9	(4.2)	0.0	c			
Extremadura*	57.0	(7.4)	18.0	(6.6)	25.0	(5.3)	89.8	(4.5)	6.1	(3.5)	4.2	(2.9)			
Galicia*	31.3	(6.1)	34.9	(7.2)	33.8	(7.3)	92.4	(3.9)	4.3	(3.0)	3.3	(2.4)			
La Rioja*	32.1	(0.6)	63.7	(0.7)	4.3	(0.2)	70.2	(0.5)	28.9	(0.5)	0.9	(0.1)			
Madrid*	15.1	(6.5)	52.3	(10.3)	32.6	(8.6)	70.9	(7.0)	25.4	(6.5)	3.8	(2.7)			
Murcia*	37.6	(8.0)	36.5	(8.4)	25.9	(7.8)	81.8	(5.2)	16.3	(4.9)	1.9	(1.9)			
Navarre*	49.6	(6.9)	36.0	(5.3)	14.4	(4.8)	78.1	(4.5)	18.2	(3.6)	3.7	(2.6)			
<b>United Kingdom</b>															
England	40.2	(5.1)	35.1	(5.0)	24.7	(4.7)	52.7	(3.7)	20.0	(4.0)	27.3	(3.3)			
Northern Ireland	37.7	(5.6)	52.6	(5.7)	9.7	(3.9)	23.6	(4.6)	18.9	(4.6)	57.5	(4.0)			
Scotland*	41.5	(5.9)	52.0	(5.8)	6.4	(2.3)	58.8	(5.1)	13.6	(3.4)	27.6	(4.3)			
Wales	46.0	(4.7)	38.4	(4.4)	15.6	(3.3)	57.5	(4.1)	17.1	(3.3)	25.3	(3.6)			
<b>United States</b>															
Connecticut*	57.2	(10.3)	20.3	(7.6)	22.5	(9.1)	43.9	(6.4)	3.1	(2.3)	53.0	(5.8)			
Florida*	54.9	(9.5)	34.9	(8.6)	10.2	(5.9)	33.9	(8.1)	34.8	(7.6)	31.3	(7.3)			
Massachusetts*	63.3	(9.1)	19.2	(9.0)	17.5	(8.3)	47.0	(8.6)	11.0	(4.7)	42.0	(7.7)			
<b>Partners</b>															
<b>Argentina</b>															
Ciudad Autónoma de Buenos Aires*	34.5	(10.3)	45.9	(10.7)	19.6	(8.3)	25.4	(5.1)	33.3	(6.9)	41.3	(7.7)			
<b>Brazil</b>															
Acre	46.0	(13.0)	42.8	(13.5)	11.2	(11.8)	60.6	(11.3)	7.4	(4.1)	32.0	(10.8)			
Alagoas	50.1	(12.1)	34.8	(11.6)	15.0	(10.7)	39.5	(11.7)	13.0	(7.9)	47.5	(12.9)			
Amapá	16.3	(5.8)	67.0	(10.8)	16.7	(8.3)	28.6	(7.8)	39.2	(9.3)	32.2	(11.6)			
Amazonas	22.1	(10.1)	58.7	(11.4)	19.2	(9.5)	61.4	(9.1)	22.4	(9.2)	16.3	(4.7)			
Bahia	13.2	(8.6)	44.1	(13.9)	42.6	(16.5)	44.6	(11.1)	25.2	(11.1)	30.2	(13.0)			
Ceará	30.2	(10.1)	39.0	(13.1)	30.8	(13.4)	43.6	(9.5)	25.9	(9.3)	30.5	(8.1)			
Espírito Santo	35.7	(16.7)	25.2	(16.4)	39.2	(8.1)	72.2	(7.6)	22.3	(9.5)	5.6	(3.9)			
Federal District	25.2	(13.7)	62.8	(11.6)	12.0	(9.5)	66.8	(10.8)	17.5	(7.6)	15.7	(7.8)			
Goiás	42.2	(10.7)	32.6	(9.2)	25.2	(10.3)	51.1	(10.0)	21.9	(7.8)	27.0	(7.5)			
Maranhão	28.7	(15.8)	68.4	(16.2)	2.9	(2.8)	36.3	(12.8)	24.4	(13.5)	39.3	(11.5)			
Mato Grosso	38.3	(9.2)	33.2	(10.6)	28.5	(13.0)	47.0	(10.9)	19.4	(8.9)	33.6	(9.8)			
Mato Grosso do Sul	21.1	(9.0)	57.7	(11.3)	21.2	(7.6)	59.9	(9.8)	23.0	(9.2)	17.1	(7.7)			
Minas Gerais	24.3	(9.6)	48.3	(9.6)	27.5	(10.7)	62.4	(7.7)	15.2	(5.5)	22.4	(7.1)			
Pará	24.3	(8.9)	49.7	(15.7)	26.0	(14.0)	38.7	(8.8)	42.9	(4.4)	18.3	(8.3)			
Paraíba	27.6	(10.0)	40.6	(13.7)	31.8	(14.7)	54.8	(12.2)	23.4	(10.7)	21.8	(6.1)			
Paraná	38.8	(12.3)	45.9	(10.8)	15.3	(6.6)	55.3	(13.0)	30.2	(10.6)	14.5	(9.2)			
Pernambuco	49.3	(17.4)	41.5	(14.7)	9.2	(8.6)	34.7	(10.1)	19.2	(7.0)	46.1	(11.5)			
Piauí	22.2	(11.6)	67.1	(14.2)	10.7	(7.7)	11.1	(5.3)	30.4	(10.1)	58.5	(10.0)			
Rio de Janeiro	19.8	(10.7)	43.1	(11.9)	37.1	(13.6)	52.4	(11.2)	28.0	(8.7)	19.6	(9.2)			
Rio Grande do Norte	22.1	(11.6)	54.8	(13.1)	23.1	(11.4)	62.0	(10.5)	20.0	(7.7)	18.1	(8.8)			
Rio Grande do Sul	57.9	(11.3)	24.9	(9.7)	17.2	(8.8)	71.2	(9.3)	8.7	(5.2)	20.1	(8.1)			
Rondônia	19.5	(9.7)	30.1	(12.0)	50.4	(14.0)	57.1	(8.9)	17.4	(5.0)	25.4	(8.8)			
Roraima	20.1	(9.5)	48.6	(12.4)	31.3	(11.9)	51.9	(8.9)	20.6	(6.5)	27.5	(10.1)			
Santa Catarina	44.2	(11.9)	44.3	(12.7)	11.5	(6.6)	80.5	(7.3)	17.4	(7.1)	2.0	(2.1)			
São Paulo	34.0	(7.8)	41.7	(7.4)	24.2	(5.5)	60.9	(6.3)	28.5	(5.2)	10.6	(3.7)			
Sergipe	29.8	(13.8)	27.1	(14.5)	43.2	(17.7)	35.6	(8.5)	22.0	(10.6)	42.4	(11.2)			
Tocantins	60.9	(11.3)	26.8	(10.7)	12.3	(6.1)	31.4	(7.9)	17.6	(4.9)	51.1	(8.6)			
<b>Colombia</b>															
Bogota	47.1	(8.3)	35.4	(8.7)	17.4	(8.0)	50.1	(5.9)	25.8	(6.2)	24.1	(5.0)			
Cali	32.0	(7.7)	55.7	(8.2)	12.2	(5.0)	18.7	(5.8)	36.7	(8.0)	44.6	(6.6)			
Manizales	25.5	(7.4)	48.7	(9.2)	25.8	(11.7)	24.3	(6.5)	28.4	(7.4)	47.3	(8.4)			
Medellin	34.0	(8.6)	54.1	(9.0)	12.0	(6.7)	21.0	(5.7)	44.4	(8.0)	34.7	(6.5)			
<b>Russian Federation</b>															
Perm Territory region*	23.6	(5.7)	72.1	(6.2)	4.3	(2.7)	28.0	(5.4)	47.5	(6.7)	24.5	(5.7)			
<b>United Arab Emirates</b>															
Abu Dhabi*	22.7	(3.7)	59.6	(4.4)	17.7	(3.5)	10.4	(2.6)	27.1	(3.3)	62.5	(3.3)			
Ajman	16.6	(6.7)	72.0	(8.1)	11.3	(6.3)	0.0	c	26.5	(4.2)	73.5	(4.2)			
Dubai*	42.9	(0.3)	46.6	(0.3)	10.4	(0.1)	1.6	(0.0)	10.7	(0.1)	87.7	(0.1)			
Fujairah	39.4	(12.5)	57.4	(12.5)	3.2	(0.2)	5.8	(3.6)	24.1	(6.1)	70.1	(6.2)			
Ras Al Khaimah	20.7	(11.3)	72.6	(12.9)	6.6	(6.3)	17.5	(7.0)	34.7	(7.4)	47.8	(10.1)			
Sharjah	20.5	(8.1)	77.0	(8.1)	2.5	(1.7)	0.0	c	30.1	(7.6)	69.9	(7.6)			
Umm Al Quwain	29.4	(0.5)	70.3	(0.6)	0.3	(0.3)	17.7	(0.2)	36.3	(0.4)	46.0	(0.3)			

\* PISA adjudicated region.

Note: See Table IV.2.7 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>



[Part 2/4]

## School transfer policies, by region

Table B2.IV.3 Results based on school principals' reports

		Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be transferred to another school for the following reasons:																							
		Low academic achievement			High academic achievement			Behavioural problems			Special learning needs														
		Not likely	Likely	Very likely	Not likely	Likely	Very likely	Not likely	Likely	Very likely	Not likely	Likely	Very likely												
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.										
OECD	<b>Portugal</b>																								
	Alentejo	93.1	(4.5)	6.9	(4.5)	0.0	c	100.0	c	0.0	c	0.0	c	81.3	(7.0)	18.7	(7.0)	0.0	c	84.9	(7.0)	10.7	(5.9)	4.4	(3.9)
	<b>Spain</b>																								
	Andalusia*	100.0	(0.0)	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	76.8	(5.4)	23.2	(5.4)	0.0	c	89.6	(3.7)	10.4	(3.7)	0.0	c
	Aragon*	98.7	(1.2)	1.3	(1.2)	0.0	c	98.4	(1.5)	0.0	c	1.6	(1.5)	87.8	(5.0)	12.2	(5.0)	0.0	c	73.5	(6.4)	26.5	(6.4)	0.0	c
	Asturias*	100.0	(0.0)	0.0	c	0.0	c	99.0	(0.7)	1.0	(0.7)	0.0	c	62.9	(7.0)	37.1	(7.0)	0.0	c	93.1	(3.5)	6.9	(3.5)	0.0	c
	Balearic Islands*	98.3	(1.8)	1.7	(1.8)	0.0	c	100.0	c	0.0	c	0.0	c	84.3	(5.5)	15.7	(5.5)	0.0	c	88.2	(4.9)	9.4	(4.3)	2.4	(2.4)
	Basque Country*	86.1	(2.6)	12.1	(2.4)	1.9	(1.1)	94.3	(1.7)	5.0	(1.6)	0.6	(0.6)	77.1	(3.2)	20.9	(3.0)	2.0	(1.1)	71.3	(3.4)	23.0	(3.2)	5.7	(1.5)
	Cantabria*	96.0	(2.8)	4.0	(2.8)	0.0	c	100.0	c	0.0	c	0.0	c	63.2	(5.8)	32.5	(5.9)	4.3	(3.0)	80.2	(5.4)	19.8	(5.4)	0.0	c
	Castile and Leon*	95.9	(2.9)	4.1	(2.9)	0.0	c	100.0	c	0.0	c	0.0	c	81.7	(5.0)	15.6	(4.6)	2.8	(2.3)	82.1	(5.6)	12.7	(4.8)	5.3	(3.0)
	Catalonia*	100.0	c	0.0	c	0.0	c	100.0	c	0.0	c	0.0	c	72.3	(7.0)	25.3	(6.6)	2.4	(2.4)	70.4	(6.5)	27.0	(6.1)	2.6	(2.5)
	Extremadura*	97.9	(2.1)	0.0	c	2.1	(2.1)	100.0	c	0.0	c	0.0	c	88.3	(4.7)	9.6	(4.1)	2.1	(2.1)	86.9	(5.2)	8.8	(4.2)	4.3	(3.0)
	Galicia*	95.9	(2.9)	4.1	(2.9)	0.0	c	92.7	(3.7)	5.4	(3.1)	1.9	(1.9)	78.8	(5.0)	21.2	(5.0)	0.0	c	90.8	(3.1)	7.3	(3.7)	1.9	(1.9)
	La Rioja*	100.0	c	0.0	c	0.0	c	93.1	(0.3)	6.9	(0.3)	0.0	c	66.1	(0.6)	33.9	(0.6)	0.0	c	83.5	(0.5)	16.5	(0.5)	0.0	c
	Madrid*	93.1	(3.9)	6.9	(3.9)	0.0	c	95.3	(2.9)	2.4	(2.4)	2.3	(1.6)	78.2	(5.5)	21.8	(5.5)	0.0	c	73.2	(6.0)	16.9	(5.8)	9.9	(4.6)
Murcia*	97.7	(2.3)	2.3	(2.3)	0.0	c	93.7	(3.7)	6.3	(3.7)	0.0	c	60.5	(6.4)	37.5	(6.2)	2.1	(2.0)	88.8	(5.0)	11.2	(5.0)	0.0	c	
Navarre*	92.4	(3.7)	7.6	(3.7)	0.0	c	94.8	(2.0)	5.2	(2.0)	0.0	c	70.1	(4.3)	28.2	(3.9)	1.7	(1.7)	75.5	(4.9)	19.5	(4.6)	5.0	(1.9)	
<b>United Kingdom</b>																									
England	95.6	(1.9)	2.5	(1.6)	1.8	(1.1)	96.7	(1.3)	3.3	(1.3)	0.0	c	69.8	(4.7)	27.5	(4.2)	2.7	(1.4)	95.5	(1.9)	4.5	(1.9)	0.0	c	
Northern Ireland	92.3	(2.7)	5.3	(2.1)	2.4	(1.7)	92.3	(2.5)	7.1	(2.4)	0.5	(0.5)	83.6	(3.8)	15.0	(3.8)	1.4	(0.1)	96.4	(1.5)	2.5	(1.0)	1.1	(1.1)	
Scotland*	98.5	(1.1)	0.7	(0.8)	0.7	(0.8)	98.7	(1.1)	0.6	(0.9)	0.7	(0.8)	86.1	(3.4)	10.6	(3.2)	3.3	(1.7)	97.5	(1.5)	0.7	(0.8)	1.7	(1.3)	
Wales	97.8	(1.3)	1.5	(1.1)	0.7	(0.7)	96.3	(1.7)	3.0	(1.5)	0.7	(0.7)	71.5	(3.2)	26.6	(3.3)	1.9	(1.2)	94.4	(1.9)	4.9	(1.8)	0.7	(0.7)	
<b>United States</b>																									
Connecticut*	100.0	c	0.0	c	0.0	c	98.1	(1.9)	1.9	(1.9)	0.0	c	88.8	(3.8)	11.2	(3.8)	0.0	c	92.2	(2.6)	7.8	(2.6)	0.0	c	
Florida*	95.9	(2.4)	4.1	(2.4)	0.0	c	100.0	c	0.0	c	0.0	c	52.6	(7.8)	47.4	(7.8)	0.0	c	85.9	(5.4)	11.7	(4.9)	2.3	(2.3)	
Massachusetts*	97.5	(2.6)	2.5	(2.6)	0.0	c	100.0	c	0.0	c	0.0	c	87.4	(5.1)	12.6	(5.1)	0.0	c	83.1	(5.9)	16.9	(5.9)	0.0	c	
Partners	<b>Argentina</b>																								
	Ciudad Autónoma de Buenos Aires*	65.9	(7.3)	29.2	(6.4)	4.8	(3.6)	96.6	(2.6)	3.4	(2.6)	0.0	c	19.1	(6.8)	70.4	(7.9)	10.5	(4.9)	32.7	(7.2)	52.9	(7.5)	14.4	(5.8)
	<b>Brazil</b>																								
	Acre	93.6	(2.7)	6.4	(2.7)	0.0	c	100.0	c	0.0	c	0.0	c	43.7	(7.9)	36.7	(8.9)	19.6	(11.2)	83.2	(8.4)	16.8	(8.4)	0.0	c
	Alagoas	82.6	(6.1)	17.4	(6.1)	0.0	c	92.5	(5.1)	7.5	(5.1)	0.0	c	36.7	(11.0)	63.3	(11.0)	0.0	c	80.6	(12.3)	5.1	(4.1)	14.2	(12.2)
	Amapá	90.7	(5.9)	9.3	(5.9)	0.0	c	93.5	(4.5)	6.5	(4.5)	0.0	c	24.2	(10.5)	71.5	(10.5)	4.3	(3.4)	86.9	(6.7)	13.1	(6.7)	0.0	c
	Amazonas	86.4	(8.5)	10.9	(8.0)	2.7	(2.7)	100.0	c	0.0	c	0.0	c	25.3	(7.3)	49.7	(11.5)	25.0	(9.9)	51.3	(9.3)	47.6	(9.2)	1.0	(1.0)
	Bahia	71.5	(8.2)	18.7	(10.4)	9.8	(10.7)	96.8	(3.0)	3.2	(3.0)	0.0	c	42.3	(16.8)	57.7	(16.8)	0.0	c	77.5	(16.2)	22.5	(16.2)	0.0	c
	Ceará	88.6	(6.9)	11.4	(6.9)	0.0	c	88.5	(8.5)	11.5	(8.5)	0.0	c	39.2	(9.7)	52.8	(9.9)	8.0	(7.4)	71.5	(11.5)	28.5	(11.5)	0.0	c
	Espírito Santo	73.3	(8.4)	20.8	(7.5)	5.8	(4.1)	100.0	c	0.0	c	0.0	c	35.9	(8.3)	46.6	(14.1)	17.6	(9.8)	88.5	(6.9)	11.5	(6.9)	0.0	c
	Federal District	83.9	(8.7)	5.5	(5.4)	10.6	(7.1)	100.0	c	0.0	c	0.0	c	16.8	(12.2)	60.5	(7.3)	22.8	(12.6)	68.8	(11.4)	23.2	(10.6)	8.0	(5.5)
	Goias	74.0	(9.5)	23.1	(9.2)	2.8	(2.8)	100.0	c	0.0	c	0.0	c	24.4	(9.8)	52.2	(11.4)	23.4	(10.8)	67.6	(11.6)	29.9	(11.2)	2.5	(2.4)
	Maranhão	63.9	(14.8)	25.2	(12.6)	10.9	(9.9)	100.0	c	0.0	c	0.0	c	18.2	(9.9)	76.5	(11.0)	5.3	(5.2)	49.4	(15.0)	50.6	(15.0)	0.0	c
	Mato Grosso	72.7	(8.8)	14.9	(8.6)	12.5	(6.8)	91.0	(6.8)	6.0	(6.1)	2.9	(2.9)	40.7	(11.3)	40.3	(9.8)	19.0	(10.3)	74.5	(9.2)	22.4	(8.7)	3.1	(3.1)
	Mato Grosso do Sul	62.0	(9.3)	22.6	(9.2)	15.3	(3.0)	97.3	(2.9)	2.7	(2.9)	0.0	c	35.4	(9.4)	62.6	(8.6)	2.1	(2.2)	71.2	(8.3)	23.1	(8.4)	5.7	(3.4)
Minas Gerais	71.0	(8.1)	23.6	(9.6)	5.5	(4.2)	93.4	(4.6)	6.6	(4.6)	0.0	c	39.3	(9.4)	52.2	(9.0)	8.6	(5.3)	66.4	(7.5)	33.6	(7.5)	0.0	c	
Pará	85.5	(13.0)	14.5	(13.0)	0.0	c	97.6	(1.2)	0.0	c	2.4	(1.2)	34.9	(12.8)	60.7	(13.3)	4.4	(3.7)	82.5	(9.8)	17.5	(9.8)	0.0	c	
Paraíba	79.8	(11.2)	15.9	(9.2)	4.3	(4.8)	100.0	c	0.0	c	0.0	c	18.2	(10.3)	57.0	(12.2)	24.9	(15.6)	78.0	(9.3)	17.7	(7.1)	4.3	(4.8)	
Paraná	87.7	(8.8)	12.3	(8.8)	0.0	c	91.1	(8.7)	0.0	c	8.9	(8.7)	48.8	(7.9)	51.2	(7.9)	0.0	c	66.2	(13.1)	33.8	(13.1)	0.0	c	
Pernambuco	90.0	(5.7)	4.6	(3.3)	5.4	(4.3)	100.0	c	0.0	c	0.0	c	35.3	(9.2)	45.8	(10.6)	18.9	(7.8)	57.8	(12.0)	25.7	(10.5)	16.5	(9.3)	
Piauí	58.8	(10.5)	25.6	(9.9)	15.6	(4.4)	91.0	(6.1)	9.0	(6.1)	0.0	c	25.2	(12.5)	56.4	(9.5)	18.5	(11.7)	56.3	(13.5)	38.2	(14.6)	5.5	(4.5)	
Rio de Janeiro	72.4	(9.4)	18.7	(7.8)	8.9	(7.3)	84.0	(8.8)	4.5	(4.5)	11.5	(7.2)	45.7	(8.4)	28.4	(9.9)	25.9	(9.3)	71.7	(9.6)	23.3	(9.6)	5.0	(5.9)	
Rio Grande do Norte	72.6	(9.8)	17.9	(11.5)	9.5	(6.9)	91.9	(8.3)	8.1	(8.3)	0.0	c	36.4	(11.7)	48.1	(13.7)	15.5	(9.6)	88.5	(6.1)	11.5	(6.1)	0.0	c	
Rio Grande do Sul	72.9	(11.3)	22.0	(9.0)	5.2	(3.8)	85.6	(8.8)	5.2	(3.8)	9.3	(5.9)	43.4	(11.9)	45.8	(9.0)	10.8	(5.5)	73.4	(10.1)	26.6	(10.1)	0.0	c	
Rondônia	81.1	(10.2)	18.9	(10.2)	0.0	c	94.9	(5.3)	5.1	(5.3)	0.0	c	42.8	(11.8)	57.2	(11.8)	0.0	c	74.6	(7.9)	25.4	(7.9)	0.0	c	
Roraima	55.3	(9.1)	36.7	(10.6)	8.0	(7.7)	94.9	(5.1)	0.0	c	5.1	(5.1)	30.7	(9.2)	64.5	(10.4)	4.7	(4.6)	57.1	(11.7)	30.0	(8.2)	12.9	(9.0)	
Santa Catarina	67.0	(10.4)	28.3	(8.9)	4.7	(4.9)	95.0	(5.0)	0.0	c	5.0	(5.0)	32.0	(9.9)	50.5	(11.8)	17.4	(8.8)	95.0	(5.0)	0.0	c	5.0	(5.0)	
São Paulo	82.5	(4.5)	12.8	(4.4)	4.7	(2.8)	91.8	(3.7)	5.5	(3.2)	2.7	(2.0)	51.4	(6.3)	42.2	(6.1)	6.3	(3.3)	80.7	(5.6)	16.4	(5.2)	2.9	(2.0)	
Sergipe	50.3	(12.0)	30.2	(11.1)	19.5	(9.0)	76.7	(12.9																	




[Part 3/4]  
School transfer policies, by region

Table B2.IV.3 Results based on school principals' reports

	Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be transferred to another school for the following reasons:						Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" transferred to another school because of "low academic achievement", "behavioural problems" or "special learning needs"							
	Parents' or guardians' request			Other			Not likely		Likely		Very likely			
	Not likely	Likely	Very likely	Not likely	Likely	Very likely								
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
<b>OECD</b>														
<b>Australia</b>														
Australian capital territory	69.6	(1.0)	25.7	(0.9)	4.6	(0.5)	84.6	(0.8)	14.8	(0.8)	0.6	(0.1)	0.0	c
New South Wales	59.3	(3.8)	36.4	(3.5)	4.2	(1.6)	83.7	(2.8)	14.1	(2.7)	2.2	(1.1)	1.9	(1.1)
Northern territory	68.4	(9.2)	31.6	(9.2)	0.0	c	89.1	(1.2)	10.9	(1.2)	0.0	c	2.4	(0.3)
Queensland	62.9	(4.3)	30.2	(4.0)	6.9	(2.1)	91.0	(2.3)	8.1	(2.1)	0.9	(0.9)	5.1	(2.1)
South Australia	62.6	(5.0)	32.8	(5.2)	4.6	(1.9)	82.2	(3.8)	17.8	(3.8)	0.0	c	2.6	(0.7)
Tasmania	70.9	(1.8)	27.9	(1.8)	1.2	(0.5)	87.4	(1.3)	12.6	(1.3)	0.0	c	0.0	c
Victoria	55.9	(4.3)	36.4	(4.1)	7.7	(2.4)	80.3	(3.3)	18.4	(3.2)	1.2	(0.9)	2.6	(1.3)
Western Australia	61.1	(5.0)	35.6	(5.2)	3.3	(1.8)	80.4	(3.7)	16.7	(3.3)	2.9	(1.7)	3.7	(2.4)
<b>Belgium</b>														
Flemish community*	54.7	(4.1)	38.2	(3.7)	7.1	(1.8)	77.8	(3.9)	17.7	(3.8)	4.5	(1.8)	30.2	(3.7)
French community	36.5	(4.5)	46.9	(4.9)	16.7	(4.2)	56.0	(7.0)	42.1	(7.0)	1.9	(1.9)	24.7	(4.5)
German-speaking community	41.7	(0.4)	53.8	(0.4)	4.5	(0.3)	47.4	(0.4)	52.6	(0.4)	0.0	c	47.0	(0.3)
<b>Canada</b>														
Alberta	55.1	(5.1)	33.0	(4.8)	11.9	(3.7)	73.4	(6.4)	26.6	(6.4)	0.0	c	3.6	(1.5)
British Columbia	55.2	(5.0)	31.3	(5.6)	13.5	(4.3)	86.6	(6.2)	13.4	(6.2)	0.0	c	6.3	(2.7)
Manitoba	73.5	(2.4)	23.8	(2.2)	2.8	(1.0)	86.3	(5.0)	13.7	(5.0)	0.0	c	0.0	c
New Brunswick	58.6	(2.7)	36.1	(2.7)	5.3	(0.8)	74.2	(4.6)	21.2	(4.8)	4.5	(0.5)	3.7	(0.3)
Newfoundland and Labrador	74.2	(1.9)	24.1	(1.9)	1.6	(1.1)	82.0	(1.8)	18.0	(1.8)	0.0	c	1.6	(1.1)
Nova Scotia	48.5	(8.4)	48.7	(8.6)	2.9	(1.9)	83.1	(3.4)	10.6	(3.1)	6.3	(0.9)	0.0	c
Ontario	69.0	(4.7)	29.9	(4.6)	1.1	(1.0)	74.9	(6.6)	22.8	(6.5)	2.3	(2.1)	1.1	(1.0)
Prince Edward Island	53.0	(0.4)	36.8	(0.4)	10.2	(0.2)	98.5	(0.2)	1.1	(0.2)	0.4	(0.0)	0.0	c
Quebec	53.2	(3.7)	39.6	(3.5)	7.2	(2.0)	72.3	(5.0)	26.3	(4.9)	1.4	(1.0)	12.9	(3.0)
Saskatchewan	52.1	(3.1)	30.9	(2.3)	17.0	(1.9)	74.0	(3.2)	23.5	(3.0)	2.4	(1.1)	2.9	(0.1)
<b>Italy</b>														
Abruzzo	13.8	(3.6)	58.8	(6.6)	27.4	(6.5)	31.5	(7.4)	68.5	(7.4)	0.0	c	19.2	(4.2)
Basilicata	11.8	(3.9)	75.3	(4.4)	12.9	(3.9)	49.5	(7.8)	48.1	(7.9)	2.4	(0.2)	6.3	(2.4)
Bolzano	29.2	(0.6)	45.1	(0.8)	25.7	(0.9)	44.3	(0.8)	51.6	(0.8)	4.2	(0.3)	38.4	(0.7)
Calabria	6.5	(3.8)	55.5	(7.3)	38.0	(7.0)	54.6	(10.4)	45.4	(10.4)	0.0	c	11.5	(4.8)
Campania	13.1	(5.2)	63.7	(7.4)	23.3	(5.6)	64.0	(9.7)	36.0	(9.7)	0.0	c	15.2	(4.1)
Emilia Romagna	23.8	(7.5)	56.5	(7.7)	19.7	(6.8)	65.4	(13.2)	34.6	(13.2)	0.0	c	21.4	(5.1)
Friuli Venezia Giulia	18.0	(5.4)	68.8	(5.2)	13.1	(3.3)	53.5	(8.2)	40.1	(7.5)	6.4	(3.6)	9.2	(4.4)
Lazio	10.2	(4.5)	69.0	(7.6)	20.8	(6.7)	37.9	(8.9)	55.9	(8.9)	6.3	(5.1)	16.6	(5.2)
Liguria	12.0	(4.1)	59.5	(6.7)	28.5	(6.1)	60.2	(11.3)	39.5	(11.3)	0.3	(0.3)	21.2	(5.9)
Lombardia	15.3	(5.8)	54.6	(8.5)	30.1	(7.1)	56.1	(9.0)	43.9	(9.0)	0.0	c	23.3	(6.7)
Marche	14.2	(4.3)	66.2	(7.5)	19.7	(6.3)	62.1	(10.7)	31.7	(9.5)	6.2	(6.0)	12.5	(4.9)
Molise	14.1	(0.5)	69.0	(0.7)	16.9	(0.5)	42.2	(1.5)	57.8	(1.5)	0.0	c	6.9	(0.3)
Piemonte	10.0	(4.3)	66.4	(6.8)	23.5	(7.0)	65.6	(7.5)	28.7	(6.7)	5.7	(4.1)	10.9	(4.6)
Puglia	25.4	(7.9)	58.7	(8.9)	15.8	(4.9)	63.6	(8.0)	30.6	(7.6)	5.8	(0.8)	20.6	(6.0)
Sardegna	13.1	(5.0)	58.0	(5.9)	28.9	(6.4)	66.8	(9.7)	29.3	(9.6)	3.9	(3.9)	21.0	(6.0)
Sicilia	8.8	(3.8)	65.4	(7.8)	25.8	(7.1)	57.4	(7.9)	39.6	(7.3)	3.0	(3.0)	14.1	(4.3)
Toscana	16.0	(6.2)	73.2	(7.7)	10.9	(4.7)	69.8	(10.6)	27.7	(10.0)	2.6	(2.8)	12.1	(5.3)
Trento	16.4	(4.7)	69.5	(5.4)	14.0	(3.1)	62.6	(5.7)	37.4	(5.7)	0.0	c	16.1	(3.8)
Umbria	22.2	(4.5)	61.0	(4.8)	16.8	(4.7)	59.5	(10.0)	35.6	(9.7)	4.8	(4.6)	23.1	(5.5)
Valle d'Aosta	26.6	(1.0)	53.6	(1.0)	19.7	(0.7)	60.1	(1.3)	28.1	(1.1)	11.9	(0.6)	14.6	(0.7)
Veneto	17.4	(6.0)	61.5	(8.2)	21.2	(6.7)	66.1	(10.0)	33.9	(10.0)	0.0	c	13.4	(5.3)
<b>Mexico</b>														
Aguascalientes	4.6	(2.5)	61.8	(5.4)	33.5	(5.3)	19.0	(5.8)	62.8	(7.5)	18.2	(4.5)	24.9	(4.5)
Baja California	3.5	(2.8)	45.4	(8.2)	51.1	(8.1)	12.3	(10.3)	64.7	(8.2)	23.0	(5.2)	24.9	(6.0)
Baja California Sur	3.1	(2.3)	61.9	(6.6)	35.0	(6.0)	26.7	(6.0)	61.0	(8.2)	12.3	(7.3)	23.1	(5.8)
Campeche	7.6	(2.7)	41.3	(7.6)	51.1	(7.1)	21.9	(5.2)	60.7	(8.3)	17.4	(7.3)	20.8	(8.2)
Chiapas	9.3	(4.3)	47.4	(9.9)	43.4	(9.3)	45.8	(10.8)	31.9	(9.4)	22.3	(10.4)	24.3	(7.6)
Chihuahua	5.4	(3.1)	52.9	(10.8)	41.7	(10.4)	30.8	(9.1)	56.0	(11.1)	13.2	(8.0)	27.0	(9.2)
Coahuila	7.5	(3.2)	53.7	(8.9)	38.8	(8.0)	28.9	(11.2)	59.4	(11.3)	11.7	(6.3)	21.7	(7.5)
Colima	2.8	(0.2)	64.4	(6.8)	32.9	(6.7)	47.7	(6.5)	45.5	(6.9)	6.8	(4.2)	12.4	(6.0)
Distrito Federal	6.5	(4.0)	69.2	(8.5)	24.3	(7.7)	38.4	(12.1)	55.3	(12.5)	6.2	(4.3)	13.3	(5.6)
Durango	19.4	(10.4)	64.1	(9.5)	16.4	(5.1)	31.0	(7.6)	62.4	(7.7)	6.7	(3.9)	17.3	(6.1)
Guanajuato	16.0	(6.3)	69.8	(7.9)	14.2	(6.6)	37.6	(8.0)	62.4	(8.0)	0.0	c	13.9	(6.2)
Guerrero	10.2	(4.9)	58.4	(8.3)	31.4	(9.4)	66.7	(13.0)	25.5	(10.7)	7.8	(7.2)	29.6	(8.3)
Hidalgo	12.9	(4.8)	69.4	(8.5)	17.8	(6.9)	49.5	(11.0)	45.0	(11.1)	5.5	(4.8)	17.2	(6.8)
Jalisco	3.8	(2.1)	59.8	(9.3)	36.4	(9.1)	55.6	(9.4)	27.4	(7.4)	17.1	(7.4)	11.3	(5.8)
Mexico	4.3	(2.7)	74.8	(5.9)	20.9	(6.1)	32.0	(9.7)	65.5	(9.5)	2.4	(2.3)	19.2	(7.6)
Morelos	7.2	(4.1)	62.7	(7.9)	30.1	(6.0)	36.5	(11.3)	50.5	(10.8)	13.0	(5.2)	16.9	(5.3)
Nayarit	7.7	(3.7)	48.4	(6.6)	43.9	(7.0)	40.1	(7.3)	47.1	(7.9)	12.8	(5.5)	37.2	(5.7)
Nuevo León	21.6	(8.0)	63.3	(9.9)	15.1	(7.5)	36.4	(9.0)	50.5	(9.0)	13.1	(8.0)	11.5	(4.8)
Puebla	8.4	(3.4)	59.0	(7.9)	32.7	(7.6)	42.8	(9.2)	41.2	(10.0)	15.9	(9.1)	24.4	(7.2)
Querétaro	10.2	(4.3)	44.1	(9.5)	45.8	(9.7)	35.9	(6.8)	48.4	(10.5)	15.7	(8.2)	23.7	(6.1)
Quintana Roo	2.0	(1.0)	42.8	(7.5)	55.2	(7.4)	24.7	(8.5)	65.0	(8.1)	10.3	(3.5)	19.0	(4.8)
San Luis Potosí	10.7	(4.4)	59.7	(9.9)	29.6	(9.1)	30.4	(8.4)	59.1	(11.7)	10.5	(7.8)	21.8	(7.2)
Sinaloa	5.0	(2.7)	45.7	(8.9)	49.3	(9.1)	30.5	(11.8)	40.8	(12.9)	28.7	(9.2)	19.8	(8.2)
Tabasco	2.3	(1.4)	61.1	(9.2)	36.6	(9.2)	23.1	(9.4)	71.4	(10.7)	5.5	(5.7)	23.8	(9.3)
Tamaulipas	1.1	(0.7)	58.9	(10.1)	40.0	(10.0)	36.2	(10.7)	57.5	(9.9)	6.3	(5.0)	22.3	(8.8)
Tlaxcala	9.9	(2.6)	51.6	(8.7)	38.5	(8.6)	39.7	(7.3)	56.4	(7.5)	3.9	(3.1)	31.1	(8.4)
Veracruz	8.3	(3.7)	52.7	(10.1)	38.9	(9.7)	18.4	(6.2)	38.0	(12.4)	43.6	(12.9)	17.8	(4.3)
Yucatán	22.8	(6.0)	54.2	(9.2)	23.0	(7.0)	40.9	(9.1)	53.9	(9.3)	5.2	(3.8)	25.4	(9.4)
Zacatecas	8.6	(3.6)	40.5	(7.5)	50.9	(8.1)	23.3	(6.7)	38.3	(8.4)	38.4	(9.7)	30.1	(6.3)

\* PISA adjudicated region.

Note: See Table IV.2.9 for national data.

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[Part 4/4]  
**School transfer policies, by region**

Table B2.IV.3 Results based on school principals' reports

	Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be transferred to another school for the following reasons:						Percentage of students in schools whose principal reported that a student in the national modal grade for 15-year-olds would be "very likely" transferred to another school because of "low academic achievement", "behavioural problems" or "special learning needs"							
	Parents' or guardians' request			Other										
	Not likely		Likely	Very likely		Not likely	Likely		Very likely					
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
<b>OECD</b>														
<b>Portugal</b>														
Alentejo	22.0	(8.7)	63.1	(12.7)	14.9	(9.8)	48.1	(13.0)	51.9	(13.0)	0.0	c	4.4	(3.9)
<b>Spain</b>														
Andalusia*	54.1	(7.9)	40.1	(8.4)	5.8	(3.3)	80.8	(7.1)	19.2	(7.1)	0.0	c	0.0	c
Aragon*	55.8	(6.1)	39.3	(6.0)	4.9	(3.4)	76.1	(7.9)	23.9	(7.9)	0.0	c	0.0	c
Asturias*	50.2	(6.5)	42.5	(6.1)	7.3	(3.6)	86.0	(5.8)	14.0	(5.8)	0.0	c	0.0	c
Balearic Islands*	52.1	(7.1)	37.5	(6.7)	10.5	(4.7)	82.0	(7.2)	18.0	(7.2)	0.0	c	2.4	(2.4)
Basque Country*	48.8	(3.7)	35.0	(3.5)	16.1	(2.5)	73.3	(4.6)	21.2	(4.1)	5.5	(2.7)	9.5	(2.0)
Cantabria*	36.9	(6.3)	45.2	(6.7)	17.9	(5.4)	76.4	(7.4)	20.4	(7.1)	3.2	(3.1)	4.2	(2.9)
Castile and Leon*	53.8	(6.6)	37.5	(6.5)	8.7	(4.2)	84.9	(4.7)	15.1	(4.7)	0.0	c	6.3	(3.3)
Catalonia*	56.7	(7.5)	36.6	(6.6)	6.6	(3.8)	88.9	(5.7)	11.1	(5.7)	0.0	c	4.9	(3.4)
Extremadura*	52.4	(8.4)	35.0	(7.1)	12.6	(4.8)	90.9	(4.3)	9.1	(4.3)	0.0	c	4.3	(3.0)
Galicia*	64.1	(5.8)	30.1	(5.5)	5.8	(1.9)	60.2	(8.3)	39.8	(8.3)	0.0	c	1.9	(1.9)
La Rioja*	49.1	(0.6)	48.3	(0.6)	2.6	(0.1)	74.7	(0.8)	25.3	(0.8)	0.0	c	0.0	c
Madrid*	50.5	(6.2)	47.3	(5.8)	2.2	(2.2)	86.2	(6.2)	10.3	(5.5)	3.5	(3.4)	9.9	(4.6)
Murcia*	41.2	(7.9)	45.9	(7.3)	13.0	(5.1)	72.0	(9.3)	28.0	(9.3)	0.0	c	2.1	(2.0)
Navarre*	51.1	(4.9)	42.2	(4.4)	6.7	(2.4)	83.7	(1.5)	16.3	(1.5)	0.0	c	6.7	(2.6)
<b>United Kingdom</b>														
England	61.9	(4.6)	31.0	(4.3)	7.0	(2.1)	90.7	(2.5)	8.4	(2.4)	0.9	(0.9)	3.5	(2.0)
Northern Ireland	70.2	(5.3)	20.8	(4.6)	8.9	(3.5)	88.3	(4.3)	11.7	(4.3)	0.0	c	4.9	(2.0)
Scotland*	73.6	(4.1)	23.7	(4.0)	2.7	(1.6)	89.7	(3.4)	9.3	(3.7)	1.0	(1.1)	3.3	(1.7)
Wales	61.1	(3.7)	32.3	(3.8)	6.6	(2.2)	90.0	(2.9)	8.0	(2.5)	2.0	(1.4)	2.6	(1.3)
<b>United States</b>														
Connecticut*	73.9	(6.4)	19.5	(5.9)	6.6	(4.1)	90.2	(5.3)	7.5	(4.7)	2.4	(2.6)	0.0	c
Florida*	72.2	(6.5)	25.0	(6.5)	2.8	(2.1)	78.7	(8.2)	18.2	(7.5)	3.1	(3.2)	2.3	(2.3)
Massachusetts*	71.5	(7.1)	25.9	(6.7)	2.6	(2.6)	86.9	(7.2)	9.2	(6.4)	3.9	(3.9)	0.0	c
<b>Partners</b>														
<b>Argentina</b>														
Ciudad Autónoma de Buenos Aires*	13.9	(5.3)	72.8	(6.7)	13.4	(4.7)	23.3	(10.6)	67.8	(11.7)	8.9	(6.4)	24.4	(7.5)
<b>Brazil</b>														
Acre	0.0	c	24.4	(8.7)	75.6	(8.7)	20.3	(7.2)	56.9	(10.9)	22.8	(13.3)	19.6	(11.2)
Alagoas	5.7	(5.9)	65.2	(14.2)	29.1	(14.1)	26.8	(12.7)	54.7	(18.4)	18.5	(13.4)	13.7	(11.8)
Amapá	3.9	(4.2)	36.8	(11.9)	59.2	(10.9)	13.4	(8.6)	46.9	(9.3)	39.7	(10.8)	4.3	(3.4)
Amazonas	0.0	c	38.5	(13.2)	61.5	(13.2)	18.6	(8.3)	62.5	(7.1)	18.9	(10.6)	28.7	(9.8)
Bahia	7.8	(7.1)	54.0	(10.4)	38.2	(14.3)	19.5	(15.1)	57.6	(18.1)	22.9	(10.4)	9.8	(10.7)
Ceará	11.1	(6.3)	16.6	(9.1)	72.3	(9.0)	24.6	(12.4)	38.0	(9.1)	37.4	(14.7)	8.0	(7.4)
Espírito Santo	4.8	(6.8)	37.3	(11.8)	57.9	(9.0)	28.0	(5.6)	50.6	(16.8)	21.4	(15.3)	17.6	(9.8)
Federal District	5.3	(5.2)	33.5	(9.1)	61.2	(9.9)	22.4	(14.1)	50.0	(13.0)	27.6	(10.9)	35.0	(14.1)
Goiás	15.7	(7.6)	56.2	(12.2)	28.1	(10.3)	30.1	(10.9)	57.2	(12.6)	12.8	(8.2)	28.7	(11.3)
Maranhão	8.7	(6.7)	55.6	(16.5)	35.7	(14.2)	19.0	(11.8)	68.6	(14.4)	12.4	(9.4)	15.9	(10.5)
Mato Grosso	5.1	(4.9)	54.9	(8.7)	40.0	(8.4)	40.3	(11.9)	34.0	(12.9)	25.7	(12.1)	29.5	(9.9)
Mato Grosso do Sul	5.5	(3.6)	62.2	(9.6)	32.3	(9.6)	24.0	(10.6)	39.3	(12.0)	36.6	(11.7)	21.0	(3.9)
Minas Gerais	16.6	(8.2)	46.2	(9.2)	37.2	(9.8)	27.3	(8.1)	62.5	(7.8)	10.2	(2.6)	14.0	(6.9)
Pará	20.8	(12.2)	25.6	(8.1)	53.6	(11.8)	18.5	(9.9)	67.5	(15.3)	14.0	(15.5)	4.4	(3.7)
Paraíba	9.6	(8.4)	58.8	(13.2)	31.7	(15.4)	41.4	(11.9)	46.0	(12.8)	12.6	(6.3)	24.9	(15.6)
Paraná	16.0	(8.2)	34.1	(11.4)	49.8	(9.6)	29.1	(11.8)	40.0	(12.6)	30.9	(10.6)	0.0	c
Pernambuco	8.4	(7.0)	57.9	(15.5)	33.7	(13.6)	37.2	(14.8)	29.9	(13.5)	32.9	(15.8)	18.9	(7.8)
Piauí	19.3	(9.2)	67.2	(12.9)	13.5	(8.3)	31.0	(13.7)	33.1	(12.6)	35.9	(14.1)	27.9	(10.4)
Rio de Janeiro	35.9	(9.0)	34.8	(10.1)	29.3	(9.1)	31.3	(11.1)	41.9	(13.4)	26.7	(11.0)	29.8	(11.4)
Rio Grande do Norte	18.5	(10.3)	39.6	(13.5)	41.9	(13.7)	6.2	(5.8)	75.4	(11.8)	18.4	(10.3)	24.4	(11.8)
Rio Grande do Sul	17.0	(6.3)	58.8	(9.8)	24.2	(10.8)	20.9	(8.3)	57.1	(15.0)	22.0	(12.6)	10.8	(5.5)
Rondônia	6.2	(5.2)	37.6	(10.1)	56.2	(9.8)	12.1	(4.4)	39.6	(11.5)	48.3	(11.6)	0.0	c
Roraima	0.0	c	50.8	(9.4)	49.2	(9.4)	16.4	(9.1)	55.0	(13.5)	28.6	(10.3)	17.6	(10.0)
Santa Catarina	0.0	c	43.7	(14.2)	56.3	(14.2)	51.1	(12.7)	19.1	(8.6)	29.8	(13.1)	27.1	(11.7)
São Paulo	8.1	(3.7)	50.0	(7.9)	41.9	(7.3)	20.5	(5.1)	52.3	(6.6)	27.2	(6.2)	9.2	(3.9)
Sergipe	11.7	(8.5)	36.5	(8.3)	51.8	(11.2)	32.4	(16.5)	47.6	(14.8)	20.0	(12.5)	35.1	(14.8)
Tocantins	3.3	(3.3)	54.1	(11.9)	42.5	(11.3)	50.4	(13.3)	33.6	(10.9)	15.9	(8.3)	24.9	(9.5)
<b>Colombia</b>														
Bogota	3.0	(2.2)	58.5	(7.0)	38.4	(6.7)	19.3	(5.7)	62.2	(7.5)	18.5	(7.5)	11.8	(5.0)
Cali	3.8	(2.6)	72.7	(7.3)	23.5	(7.3)	10.9	(4.5)	65.8	(8.4)	23.2	(7.7)	16.8	(6.1)
Manizales	7.3	(2.6)	64.3	(6.9)	28.4	(6.2)	6.3	(3.4)	61.0	(10.5)	32.7	(10.8)	19.6	(5.4)
Medellin	4.8	(3.1)	62.9	(6.9)	32.3	(6.3)	14.0	(4.8)	68.3	(7.7)	17.7	(6.1)	9.3	(3.2)
<b>Russian Federation</b>														
Perm Territory region*	38.9	(7.1)	40.0	(7.0)	21.1	(5.8)	44.9	(7.7)	49.1	(8.0)	6.0	(3.2)	9.3	(3.9)
<b>United Arab Emirates</b>														
Abu Dhabi*	7.6	(1.9)	57.1	(4.5)	35.3	(4.0)	27.6	(3.5)	60.0	(4.6)	12.4	(3.7)	16.6	(3.3)
Ajman	0.0	c	59.2	(9.6)	40.8	(9.6)	3.3	(3.1)	57.1	(7.5)	39.6	(8.2)	21.3	(6.2)
Dubai*	30.4	(0.2)	45.8	(0.2)	23.8	(0.2)	40.9	(0.3)	49.8	(0.3)	9.3	(0.1)	17.0	(0.1)
Fujairah	4.6	(3.5)	55.6	(6.4)	39.8	(7.9)	19.3	(3.8)	54.8	(7.3)	25.9	(8.6)	21.6	(1.0)
Ras Al Khaimah	3.0	(0.3)	62.0	(5.4)	35.0	(5.4)	3.6	(3.7)	74.5	(10.4)	21.9	(9.7)	20.1	(8.9)
Sharjah	11.0	(3.8)	60.2	(12.3)	28.8	(11.7)	23.4	(6.2)	63.5	(10.7)	13.1	(8.8)	9.0	(6.5)
Umm Al Quwain	29.5	(0.2)	19.4	(0.3)	51.1	(0.2)	40.1	(0.2)	33.1	(0.4)	26.9	(0.3)	29.0	(0.1)

\* PISA adjudicated region.

Note: See Table IV.2.9 for national data.

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[Part 1/4]  
Ability grouping for mathematics classes, by region

Table B2.IV.4 Results based on school principals' reports

		Percentage of students in schools whose principal reported:																	
		Mathematics classes study similar content, but at different levels of difficulty					Different classes study different content or sets of mathematics topics that have different levels of difficulty					Students are grouped by ability within their mathematics classes							
		For all classes		For some classes		Not for any class	For all classes		For some classes		Not for any class	For all classes		For some classes		Not for any class			
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD	<b>Australia</b>																		
	Australian capital territory	67.2	(0.9)	29.2	(0.9)	3.6	(0.3)	24.8	(0.7)	61.4	(0.9)	13.7	(0.6)	55.3	(1.1)	39.3	(1.1)	5.4	(0.5)
	New South Wales	44.2	(3.9)	49.6	(4.0)	6.2	(1.7)	35.4	(3.4)	53.8	(3.6)	10.8	(2.2)	63.2	(3.2)	31.2	(3.2)	5.7	(1.2)
	Northern territory	43.3	(4.3)	55.6	(4.3)	1.1	(1.1)	31.2	(3.0)	44.2	(4.7)	24.6	(2.9)	72.9	(2.8)	25.1	(2.5)	2.0	(1.3)
	Queensland	40.5	(4.5)	58.0	(4.4)	1.4	(1.0)	15.0	(3.0)	62.4	(4.0)	22.6	(3.5)	27.2	(4.6)	62.5	(4.9)	10.3	(2.6)
	South Australia	28.7	(4.7)	66.5	(5.1)	4.8	(2.3)	16.5	(3.0)	71.5	(4.2)	12.1	(3.5)	33.9	(4.4)	49.4	(4.8)	16.7	(4.2)
	Tasmania	46.2	(1.5)	49.3	(1.6)	4.5	(1.6)	25.2	(1.9)	65.4	(1.9)	9.3	(0.8)	46.8	(1.6)	44.1	(1.2)	9.2	(1.1)
	Victoria	29.3	(4.1)	62.4	(4.3)	8.3	(2.5)	21.1	(3.7)	64.6	(4.3)	14.3	(3.0)	24.5	(3.4)	56.2	(4.0)	19.3	(3.2)
	Western Australia	29.8	(5.0)	58.3	(5.7)	11.9	(4.1)	39.8	(5.3)	56.8	(5.5)	3.4	(2.3)	61.8	(5.5)	31.5	(5.2)	6.7	(2.3)
	<b>Belgium</b>																		
	Flemish community*	9.1	(2.5)	66.8	(4.0)	24.1	(3.7)	18.5	(3.2)	66.7	(4.2)	14.8	(3.0)	2.8	(1.1)	24.1	(3.2)	73.1	(3.5)
	French community	16.5	(4.1)	40.7	(5.6)	42.8	(6.0)	8.0	(2.5)	42.2	(5.8)	49.8	(5.8)	5.3	(1.9)	10.8	(3.4)	83.9	(3.8)
	German-speaking community	0.0	c	43.1	(0.4)	56.9	(0.4)	33.3	(0.2)	66.7	(0.2)	0.0	c	1.3	(0.3)	0.0	c	98.7	(0.3)
	<b>Canada</b>																		
	Alberta	28.1	(4.2)	62.8	(4.6)	9.1	(3.0)	41.4	(3.7)	51.9	(4.4)	6.8	(3.2)	28.5	(4.7)	48.8	(5.3)	22.6	(4.5)
	British Columbia	13.8	(4.4)	61.1	(5.3)	25.1	(4.8)	27.2	(5.1)	46.5	(5.6)	26.3	(3.8)	13.2	(3.5)	46.5	(5.2)	40.3	(4.6)
	Manitoba	30.1	(3.2)	50.7	(3.5)	19.2	(2.4)	32.0	(3.1)	45.8	(3.3)	22.2	(3.6)	5.2	(1.6)	50.3	(3.4)	44.5	(3.0)
	New Brunswick	30.5	(3.0)	53.6	(2.5)	15.8	(1.2)	5.9	(1.5)	45.1	(2.5)	49.1	(2.5)	3.0	(0.2)	59.3	(2.9)	37.6	(3.0)
	Newfoundland and Labrador	10.0	(1.5)	59.7	(5.1)	30.2	(5.4)	16.3	(3.8)	64.2	(2.8)	19.5	(5.7)	16.7	(1.3)	21.3	(3.4)	62.0	(3.5)
	Nova Scotia	8.8	(2.6)	84.5	(3.9)	6.7	(2.7)	22.2	(4.7)	69.2	(6.1)	8.6	(3.1)	15.7	(4.1)	56.1	(7.5)	28.2	(5.8)
	Ontario	31.9	(5.7)	57.5	(5.4)	10.6	(2.8)	34.2	(5.2)	47.8	(5.5)	18.0	(4.3)	21.4	(3.8)	46.6	(5.0)	32.0	(4.8)
	Prince Edward Island	26.0	(0.4)	55.7	(0.5)	18.3	(0.3)	13.2	(0.2)	84.0	(0.3)	2.8	(0.3)	38.6	(0.4)	19.6	(0.3)	41.8	(0.4)
	Quebec	17.2	(3.0)	48.7	(4.5)	34.2	(4.6)	26.4	(4.0)	49.2	(4.0)	24.4	(3.2)	23.8	(3.5)	32.8	(3.3)	43.4	(4.6)
	Saskatchewan	13.9	(2.6)	75.4	(3.3)	10.6	(2.0)	17.3	(1.2)	57.6	(4.2)	25.1	(4.1)	5.0	(2.1)	58.6	(3.4)	36.4	(3.5)
	<b>Italy</b>																		
	Abruzzo	16.6	(5.3)	54.6	(6.4)	28.7	(6.5)	12.0	(5.0)	54.8	(6.9)	33.2	(6.5)	0.0	(0.0)	32.7	(4.9)	67.3	(4.9)
	Basilicata	16.5	(3.4)	51.9	(5.0)	31.6	(5.2)	7.9	(2.2)	47.7	(6.3)	44.4	(6.1)	6.8	(2.7)	25.1	(6.5)	68.1	(6.6)
	Bolzano	12.3	(0.5)	41.3	(0.8)	46.3	(0.8)	7.6	(0.3)	44.4	(0.8)	48.0	(0.9)	2.4	(0.1)	45.2	(0.9)	52.4	(0.9)
	Calabria	19.4	(6.2)	50.9	(7.8)	29.6	(6.5)	2.9	(2.1)	59.7	(8.2)	37.4	(8.3)	0.5	(0.5)	41.1	(7.1)	58.4	(7.0)
	Campania	36.1	(8.3)	46.7	(7.9)	17.2	(5.3)	18.6	(8.9)	45.8	(7.7)	35.6	(8.0)	4.2	(2.6)	25.0	(5.2)	70.8	(5.8)
	Emilia Romagna	31.0	(6.0)	35.2	(7.9)	33.9	(7.6)	7.6	(3.9)	45.0	(6.7)	47.4	(7.3)	0.0	c	38.3	(7.0)	61.7	(7.0)
	Friuli Venezia Giulia	16.0	(3.1)	62.1	(5.6)	21.9	(5.0)	1.9	(1.6)	72.0	(3.8)	26.1	(3.5)	0.3	(0.3)	54.0	(5.4)	45.7	(5.4)
	Lazio	23.7	(8.1)	38.1	(8.8)	38.2	(7.9)	11.8	(6.9)	41.8	(8.8)	46.4	(8.0)	4.7	(3.3)	33.6	(8.8)	61.7	(8.5)
	Liguria	28.1	(6.8)	40.7	(7.0)	31.2	(7.6)	19.1	(5.5)	44.9	(7.1)	36.0	(6.8)	9.5	(5.2)	30.0	(6.8)	60.5	(7.2)
	Lombardia	22.3	(5.9)	39.6	(9.0)	38.2	(8.0)	3.5	(3.0)	57.1	(8.0)	39.4	(7.7)	0.0	c	27.0	(6.6)	73.0	(6.6)
	Marche	10.6	(4.9)	54.0	(6.2)	35.4	(5.8)	5.5	(3.6)	50.2	(7.5)	44.3	(6.6)	0.0	c	18.4	(5.2)	81.6	(5.2)
	Molise	11.5	(0.6)	55.1	(0.8)	33.4	(0.8)	12.1	(0.7)	55.5	(0.8)	32.5	(0.8)	4.8	(0.4)	33.7	(1.0)	61.5	(1.0)
	Piemonte	20.5	(4.8)	53.0	(7.4)	26.4	(6.8)	15.4	(5.7)	49.1	(7.9)	35.6	(6.1)	2.5	(2.4)	29.5	(7.1)	68.0	(7.5)
	Puglia	16.7	(4.7)	49.0	(6.8)	34.2	(6.7)	8.0	(4.0)	39.2	(7.4)	52.8	(7.8)	6.3	(1.9)	30.0	(8.2)	63.6	(8.6)
	Sardegna	9.9	(4.5)	59.3	(5.9)	30.8	(7.0)	8.0	(4.2)	44.3	(6.9)	47.7	(7.9)	2.3	(2.2)	30.5	(7.0)	67.3	(7.2)
	Sicilia	30.9	(6.3)	40.8	(6.9)	28.4	(6.4)	7.6	(3.5)	53.3	(7.1)	39.1	(6.9)	4.0	(2.7)	26.0	(6.8)	69.9	(7.3)
	Toscana	20.6	(7.0)	49.3	(7.5)	30.0	(8.0)	0.0	c	50.6	(7.8)	49.4	(7.8)	0.0	c	25.6	(6.3)	74.4	(6.3)
	Trento	22.1	(4.1)	51.5	(3.5)	26.4	(3.9)	18.5	(2.7)	52.6	(5.2)	28.9	(5.0)	1.7	(1.2)	34.0	(4.8)	64.4	(4.7)
	Umbria	17.2	(4.2)	56.7	(5.4)	26.1	(4.9)	6.6	(4.6)	48.2	(4.8)	45.2	(5.8)	0.0	c	18.7	(3.6)	81.3	(3.6)
	Valle d'Aosta	1.7	(0.1)	28.6	(1.0)	69.7	(1.0)	1.0	(0.1)	28.8	(0.8)	70.2	(0.8)	0.9	(0.2)	41.4	(1.0)	57.6	(1.0)
	Veneto	19.4	(5.2)	53.5	(6.4)	27.1	(5.7)	7.2	(3.6)	63.1	(6.0)	29.7	(6.0)	2.8	(2.7)	22.2	(6.0)	75.1	(5.6)
	<b>Mexico</b>																		
	Aguascalientes	36.7	(5.2)	31.0	(7.6)	32.3	(7.3)	19.1	(5.0)	18.6	(7.1)	62.4	(8.5)	10.5	(4.7)	39.4	(6.0)	50.1	(6.8)
	Baja California	24.8	(6.3)	35.9	(8.9)	39.3	(7.7)	20.0	(5.3)	35.3	(10.0)	44.6	(9.7)	25.4	(8.5)	46.6	(14.9)	28.0	(10.1)
	Baja California Sur	29.3	(6.8)	41.9	(7.9)	28.8	(6.1)	16.8	(5.5)	32.1	(8.5)	51.1	(8.2)	13.6	(8.0)	42.7	(6.4)	43.7	(6.0)
	Campeche	45.4	(6.4)	18.5	(7.5)	36.1	(8.1)	26.4	(6.3)	27.7	(7.5)	46.0	(8.6)	24.4	(7.3)	49.9	(6.8)	25.7	(7.7)
	Chiapas	41.0	(8.2)	39.0	(8.1)	20.0	(6.2)	43.0	(7.3)	24.6	(5.8)	32.3	(7.0)	32.5	(8.3)	36.4	(8.9)	31.1	(7.1)
	Chihuahua	40.7	(8.1)	40.5	(8.8)	18.9	(5.0)	17.7	(6.7)	34.5	(11.5)	47.8	(8.9)	24.2	(4.9)	40.8	(8.8)	35.0	(9.3)
	Coahuila	37.3	(8.7)	25.9	(7.9)	36.8	(9.4)	21.2	(7.7)	22.8	(7.7)	56.0	(10.0)	8.7	(3.9)	40.9	(10.1)	50.4	(9.7)
	Colima	27.4	(3.7)	28.8	(5.4)	43.8	(5.0)	14.2	(4.5)	20.1	(6.3)	65.7	(4.8)	14.6	(4.3)	45.0	(7.9)	40.3	(7.4)
	Distrito Federal	38.8	(7.4)	37.3	(8.9)	23.8	(6.4)	20.5	(7.6)	36.8	(10.5)	42.7	(9.4)	17.8	(5.6)	40.2	(8.6)	42.0	(7.4)
	Durango	54.4	(9.0)	20.8	(7.5)	24.9	(6.7)	23.7	(6.5)	28.6	(8.1)	47.7	(8.8)	22.2	(6.3)	47.7	(9.2)	30.1	(7.2)
	Guanajuato	40.4	(8.2)	17.2	(6.2)	42.4	(8.9)	28.1	(7.2)	18.9	(6.0)	53.0	(8.7)	21.0	(7.2)	35.4	(7.1)	43.6	(5.4)
	Guerrero	31.1	(8.1)	37.5	(8.6)	31.4	(9.2)	26.1	(8.1)	40.4	(8.8)	33.5	(9.0)	26.2	(7.6)	37.8	(10.3)	36.0	(9.4)
	Hidalgo	36.6	(8.4)	35.8	(7.4)	27.5	(5.9)	23.4	(6.8)	19.4	(6.8)	57.2	(7.9)	13.4	(4.7)	48.5	(7.6)	38.1	(7.1)
	Jalisco	25.2	(5.4)	42.1	(10.5)	32.6	(9.2)	13.5	(4.9)	34.5	(10.2)	51.9	(9.3)	19.1	(9.1)	38.2	(9.9)	42.7	(9.5)
	Mexico	30.2	(6.6)	38.4	(7.1)	31.4	(6.5)	20.2	(6.8)	29.8	(8.1)	50.0	(7.4)	23.3	(9.2)	29.7	(6.3)	47.0	(9.0)
	Morelos	23.7	(7.0)	33.1	(9.0)	43.2	(8.4)	23.9	(8.2)	34.3	(8.1)	41.7	(9.7)	6.7	(2.6)	64.8	(6.4)	28.5	(6.4)
	Nayarit	40.0	(7.4)	28.0	(5.7)	32.0	(6.0)	16.2	(4.7)	26.9	(6.3)	57.0	(5.9)	18.1	(5.7)	28.1	(6.4)	53.8	(7.1)
	Nuevo León	46.0	(6.6)	22.8	(7.1)	31.2	(7.0)	33.6	(7.6)	13.9	(4.1)	52.6	(6.9)	23.1	(7.8)	29.3	(7.0)	47.7	(8.3)
	Puebla	26.9	(7.6)	50.0	(7.4)	23.1	(5.1)	28.7	(7.6)	43.7	(10.0)	27.7	(7.7)	18.0	(5.5)	43.0	(7.4)	39.0	(7.2)
	Querétaro	19.2	(7.4)	34.5	(10.2)	46.3	(12.6)	24.7	(6.1)	16.1									

[Part 2/4]

## Ability grouping for mathematics classes, by region

Table B2.IV.4 Results based on school principals' reports

	Percentage of students in schools whose principal reported:																	
	Mathematics classes study similar content, but at different levels of difficulty						Different classes study different content or sets of mathematics topics that have different levels of difficulty						Students are grouped by ability within their mathematics classes					
	For all classes		For some classes		Not for any class		For all classes		For some classes		Not for any class		For all classes		For some classes		Not for any class	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>																		
<b>Portugal</b>																		
Alentejo	9.9	(6.3)	37.0	(9.5)	53.1	(9.3)	0.0	c	33.8	(10.3)	66.2	(10.3)	0.0	c	20.9	(8.7)	79.1	(8.7)
<b>Spain</b>																		
Andalusia*	45.3	(7.8)	40.1	(7.4)	14.6	(5.4)	24.1	(5.5)	47.2	(6.4)	28.7	(5.8)	7.0	(3.5)	18.2	(6.1)	74.9	(7.1)
Aragon*	31.1	(5.0)	49.3	(6.9)	19.6	(6.5)	21.5	(5.1)	41.7	(7.9)	36.8	(7.7)	1.8	(1.8)	19.8	(5.9)	78.4	(5.5)
Asturias*	41.9	(6.9)	52.4	(7.1)	5.6	(1.7)	27.5	(7.4)	41.6	(7.7)	30.9	(6.9)	3.5	(2.4)	25.0	(6.1)	71.6	(5.5)
Balearic Islands*	41.1	(7.8)	48.6	(7.0)	10.3	(4.6)	18.0	(5.2)	40.7	(6.9)	41.3	(5.5)	11.2	(4.6)	22.8	(6.2)	66.0	(7.6)
Basque Country*	19.9	(2.8)	51.9	(4.2)	28.2	(3.4)	3.8	(1.3)	38.3	(3.7)	57.9	(3.8)	4.7	(1.6)	17.6	(3.1)	77.7	(3.5)
Cantabria*	35.4	(6.6)	54.8	(6.9)	9.8	(4.5)	11.3	(4.6)	37.7	(5.8)	51.0	(5.9)	1.7	(1.7)	20.1	(5.5)	78.2	(5.2)
Castile and Leon*	33.1	(7.1)	41.8	(5.1)	25.0	(6.9)	25.2	(5.2)	39.8	(5.9)	35.0	(6.2)	5.0	(2.9)	12.5	(4.9)	82.5	(5.7)
Catalonia*	38.0	(7.0)	52.9	(7.7)	9.1	(4.2)	12.0	(4.7)	48.8	(7.3)	39.2	(7.6)	26.6	(6.2)	35.0	(7.1)	38.4	(5.7)
Extremadura*	31.0	(5.7)	45.6	(7.3)	23.4	(6.3)	29.8	(6.0)	43.4	(6.5)	26.8	(6.2)	1.9	(1.9)	5.7	(3.3)	92.4	(3.8)
Galicia*	31.4	(6.1)	39.0	(7.5)	29.6	(6.0)	16.7	(4.8)	31.0	(7.2)	52.3	(7.1)	7.3	(3.6)	9.5	(4.0)	83.3	(5.4)
La Rioja*	36.7	(0.5)	48.3	(0.5)	14.9	(0.4)	28.3	(0.4)	35.6	(0.5)	36.1	(0.5)	13.1	(0.3)	11.0	(0.3)	75.9	(0.4)
Madrid*	37.1	(7.1)	46.7	(7.4)	16.2	(6.0)	16.2	(6.2)	48.5	(8.4)	35.3	(7.2)	3.1	(2.3)	23.1	(5.2)	73.8	(5.7)
Murcia*	28.8	(6.7)	57.2	(8.3)	14.0	(5.6)	23.2	(7.2)	50.6	(7.8)	26.2	(6.1)	4.0	(2.8)	24.5	(6.3)	71.5	(6.3)
Navarre*	37.4	(5.2)	48.4	(7.0)	14.2	(4.7)	15.3	(5.4)	65.0	(5.5)	19.6	(4.5)	5.2	(3.0)	29.7	(4.7)	65.1	(5.5)
<b>United Kingdom</b>																		
England	50.6	(4.3)	47.3	(4.5)	2.2	(1.2)	28.5	(3.7)	52.0	(4.3)	19.5	(3.6)	79.1	(3.0)	16.0	(2.8)	4.9	(1.6)
Northern Ireland	52.2	(5.0)	41.1	(4.6)	6.8	(2.9)	15.8	(3.6)	67.8	(4.6)	16.4	(4.2)	59.5	(5.0)	29.1	(5.0)	11.4	(3.3)
Scotland*	32.8	(4.8)	59.1	(5.1)	8.1	(2.6)	35.7	(4.8)	54.0	(4.9)	10.3	(2.4)	62.3	(4.9)	24.1	(4.4)	13.6	(3.5)
Wales	53.2	(4.1)	44.6	(4.1)	2.2	(1.3)	26.9	(3.5)	50.9	(3.8)	22.2	(3.2)	74.4	(3.5)	15.8	(3.1)	9.8	(2.5)
<b>United States</b>																		
Connecticut*	30.0	(6.8)	67.4	(7.0)	2.6	(2.5)	29.5	(7.1)	56.4	(8.4)	14.1	(5.6)	32.5	(7.0)	44.2	(6.9)	23.3	(6.1)
Florida*	12.6	(4.7)	82.6	(5.4)	4.8	(2.7)	26.1	(6.4)	61.9	(7.6)	12.0	(4.7)	25.5	(6.2)	65.1	(6.2)	9.4	(4.2)
Massachusetts*	37.2	(7.8)	60.5	(8.1)	2.3	(2.6)	17.8	(6.1)	69.7	(6.4)	12.6	(5.1)	35.9	(7.5)	44.7	(7.8)	19.4	(5.6)
<b>Partners</b>																		
<b>Argentina</b>																		
Ciudad Autónoma de Buenos Aires*	23.6	(6.6)	47.5	(8.0)	28.9	(8.1)	8.1	(3.8)	39.8	(8.1)	52.1	(8.7)	7.4	(4.3)	7.6	(3.9)	85.1	(5.7)
<b>Brazil</b>																		
Acre	67.1	(7.5)	22.9	(8.0)	10.1	(6.9)	35.5	(12.8)	25.8	(7.2)	38.7	(11.0)	1.9	(2.0)	9.8	(7.3)	88.4	(7.8)
Alagoas	34.0	(13.5)	55.7	(14.7)	10.2	(9.7)	4.8	(5.1)	61.7	(12.9)	33.5	(14.4)	12.5	(8.8)	13.9	(9.4)	73.7	(6.9)
Amapá	49.7	(9.1)	39.1	(8.5)	11.2	(6.6)	9.1	(6.4)	25.8	(10.2)	65.1	(11.6)	5.2	(5.1)	6.9	(1.4)	87.9	(5.2)
Amazonas	44.0	(14.3)	30.6	(11.1)	25.4	(12.1)	14.0	(9.4)	18.9	(10.2)	67.1	(10.4)	0.0	c	12.7	(8.2)	87.3	(8.2)
Bahia	49.3	(18.6)	30.8	(12.8)	19.9	(14.3)	7.3	(6.7)	27.9	(12.4)	64.8	(12.5)	7.3	(6.7)	16.0	(10.8)	76.7	(11.8)
Ceará	28.2	(10.7)	34.6	(11.2)	37.2	(9.2)	3.4	(3.8)	30.7	(9.3)	65.9	(10.1)	0.0	c	16.3	(10.9)	83.7	(10.9)
Espírito Santo	48.1	(18.7)	34.4	(9.6)	17.5	(12.6)	11.6	(6.6)	26.5	(10.3)	62.0	(9.9)	0.0	c	3.7	(3.3)	96.3	(3.3)
Federal District	43.1	(17.1)	21.2	(10.4)	35.7	(14.9)	4.3	(4.5)	12.9	(9.2)	82.8	(6.9)	4.3	(4.5)	18.7	(13.5)	77.0	(12.2)
Goiás	45.2	(8.1)	41.9	(10.0)	12.9	(7.2)	32.9	(10.0)	38.8	(10.3)	28.2	(9.7)	10.9	(7.2)	7.1	(5.4)	82.0	(8.8)
Maranhão	32.2	(13.7)	32.1	(12.5)	35.8	(13.0)	20.5	(11.3)	26.6	(11.3)	52.9	(14.2)	4.3	(4.5)	4.8	(4.7)	90.9	(6.3)
Mato Grosso	19.6	(6.8)	51.3	(11.7)	29.1	(10.5)	17.0	(6.2)	41.7	(10.2)	41.3	(11.8)	5.8	(5.8)	19.5	(5.9)	74.7	(7.9)
Mato Grosso do Sul	49.8	(13.2)	15.2	(8.0)	35.0	(10.7)	33.8	(9.9)	19.9	(7.3)	46.3	(9.6)	4.9	(4.5)	0.0	c	95.1	(4.5)
Minas Gerais	62.9	(7.4)	23.7	(8.0)	13.4	(6.5)	34.7	(10.2)	31.0	(9.0)	34.3	(10.3)	0.0	c	11.4	(7.6)	88.6	(7.6)
Pará	30.4	(8.5)	27.8	(8.3)	41.7	(7.8)	26.6	(11.6)	20.2	(5.7)	53.1	(13.1)	0.0	c	6.1	(5.8)	93.9	(5.8)
Paraíba	74.8	(10.2)	19.1	(8.9)	6.1	(4.5)	23.4	(14.4)	31.7	(11.8)	44.8	(15.2)	5.4	(6.2)	14.2	(6.8)	80.4	(11.8)
Paraná	36.2	(10.1)	42.4	(11.0)	21.4	(7.7)	7.4	(5.2)	22.9	(10.9)	69.8	(11.3)	4.6	(4.2)	17.8	(9.2)	77.6	(10.0)
Pernambuco	54.5	(9.3)	30.9	(9.0)	14.5	(8.2)	28.1	(9.3)	19.7	(11.7)	52.2	(14.0)	6.0	(6.0)	0.0	c	94.0	(6.0)
Piauí	45.9	(11.2)	36.3	(12.5)	17.8	(6.1)	12.1	(2.1)	34.8	(13.1)	53.1	(12.1)	3.8	(2.0)	27.7	(11.1)	68.5	(10.9)
Rio de Janeiro	53.8	(6.6)	24.5	(7.4)	21.7	(7.9)	24.2	(11.7)	15.0	(7.8)	60.8	(13.2)	2.7	(4.1)	15.0	(8.6)	82.3	(10.1)
Rio Grande do Norte	25.8	(11.1)	44.5	(11.1)	29.7	(11.1)	21.6	(10.6)	34.3	(12.4)	44.1	(11.2)	7.9	(7.6)	13.0	(8.8)	79.1	(11.2)
Rio Grande do Sul	53.1	(11.7)	20.8	(11.2)	26.1	(9.7)	29.1	(11.9)	17.5	(9.0)	53.4	(12.0)	12.5	(8.3)	5.1	(4.9)	82.4	(9.2)
Rondônia	7.9	(5.2)	44.2	(11.6)	47.9	(12.4)	9.9	(6.4)	40.8	(10.7)	49.3	(11.1)	0.0	c	14.0	(8.9)	86.0	(8.9)
Roraima	27.1	(10.0)	47.7	(11.9)	25.3	(11.6)	18.7	(9.6)	32.9	(10.9)	48.4	(10.7)	9.4	(6.7)	7.8	(5.8)	82.8	(9.1)
Santa Catarina	44.3	(11.2)	16.8	(6.5)	38.9	(11.6)	8.5	(4.7)	31.8	(10.8)	59.7	(11.5)	0.0	c	0.0	c	100.0	c
São Paulo	51.6	(7.1)	29.2	(6.2)	19.2	(5.2)	26.8	(6.8)	19.2	(5.5)	54.0	(6.7)	6.8	(3.4)	18.7	(5.3)	74.5	(5.3)
Sergipe	46.5	(10.5)	35.1	(9.2)	18.4	(10.4)	5.1	(4.2)	68.3	(13.1)	26.5	(12.8)	0.0	c	23.1	(14.5)	76.9	(14.5)
Tocantins	41.0	(9.8)	43.5	(9.5)	15.5	(6.1)	26.3	(8.7)	33.3	(9.3)	40.4	(8.8)	4.1	(4.2)	0.0	c	95.9	(4.2)
<b>Colombia</b>																		
Bogotá	35.9	(7.8)	59.6	(6.9)	4.4	(3.1)	25.6	(7.1)	57.7	(8.6)	16.6	(6.3)	9.3	(4.6)	49.2	(8.3)	41.4	(7.7)
Cali	45.7	(9.1)	40.0	(9.2)	14.3	(6.0)	41.2	(9.0)	33.3	(7.6)	25.5	(8.1)	6.8	(3.3)	53.2	(8.3)	40.1	(8.8)
Manizales	36.4	(7.9)	52.9	(8.2)	10.6	(4.3)	27.6	(7.4)	40.2	(6.2)	32.1	(7.8)	15.2	(6.1)	59.1	(8.4)	25.6	(7.1)
Medellín	21.5	(6.3)	72.7	(5.6)	5.7	(3.4)	18.3	(5.9)	47.9	(7.4)	33.8	(7.8)	1.6	(1.5)	62.8	(7.9)	35.6	(7.6)
<b>Russian Federation</b>																		
Perm Territory region*	43.0	(6.0)	53.7	(5.5)	3.3	(2.4)	19.3	(5.4)	33.9	(5.9)	46.8	(7.5)	12.4	(4.5)	75.1	(5.4)	12.5	(4.5)
<b>United Arab Emirates</b>																		
Abu Dhabi*	57.5	(4.5)	27.4	(4.3)	15.1	(3.1)	38.6	(4.0)	23.2	(4.1)	38.2	(4.3)	47.8	(4.3)	35.7	(4.3)	16.5	(3.3)
Ajman	75.2	(7.4)	8.5	(7.1)	16.2	(2.0)	19.5	(5.6)	12.5	(6.2)	67.9	(4.8)	50.0	(7.8)	34.6	(7.5)	15.3	(3.6)
Dubai*	55.6	(0.3)	28.6	(0.2)	15.8	(0.2)	22.3	(0.2)	30.1	(0.2)	47.6	(0.3)	54.1	(0.3)	32.6	(0.3)	13.3	(0.1)
Fujairah	41.2	(5.6)	56.3	(6.6)	2.6	(3.6)	46.3	(3.7)	38.7	(6.5)	14.9	(5.6)	38.1	(3.9)	61.3	(3.9)	0.6	(0.2)
Ras Al Khaimah	68.2	(8.8)	18.3	(7.7)	13.5	(5.3)	37.6	(10.1)	29.6	(10.8)	32.8	(11.5)	59.1	(11.0)	26.8	(9.7)	14.2	(6.9)
Sharjah	52.7	(10.4)	15.6	(6.3)	31.7	(9.4)	27.1	(10.5)	7.8	(4.8)	65.1	(9.4)	7.8	(3.4)	47.3	(7.6)	44.8	(7.4)
Umm Al Quwain	94.6	(0.3)	4.7	(0.2)	0.8	(0.2)	48.0	(0.3)	29.8	(0.3)	22.1	(0.5)	39.9	(0.2)	47.0	(0.4)	13.1	



[Part 3/4]  
Ability grouping for mathematics classes, by region

Table B2.IV.4 Results based on school principals' reports

	Percentage of students in schools whose principal reported:											
	In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)					No ability grouping for any class		One form of grouping for some classes		One form of grouping for all classes		
	For all classes		For some classes		Not for any class							
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	18.4	(0.8)	49.2	(0.9)	32.4	(1.0)	1.1	(0.1)	26.0	(0.9)	72.8	(0.9)
New South Wales	16.4	(2.6)	43.0	(3.4)	40.6	(3.7)	1.8	(1.0)	38.9	(3.6)	59.3	(3.5)
Northern territory	3.8	(0.9)	47.5	(9.7)	48.8	(9.7)	0.0	c	39.6	(4.9)	60.4	(4.9)
Queensland	23.8	(3.8)	57.1	(4.3)	19.1	(3.4)	0.0	c	54.3	(4.3)	45.7	(4.3)
South Australia	22.4	(4.2)	55.6	(5.1)	22.0	(4.3)	1.1	(0.9)	59.7	(5.1)	39.2	(4.9)
Tasmania	12.5	(0.9)	54.9	(1.7)	32.6	(1.4)	0.5	(0.5)	46.2	(1.6)	53.3	(1.7)
Victoria	30.0	(3.5)	52.6	(4.0)	17.4	(3.1)	3.6	(1.6)	56.5	(4.5)	39.9	(4.3)
Western Australia	14.4	(3.5)	48.4	(5.6)	37.2	(5.4)	0.0	c	46.4	(5.9)	53.6	(5.9)
<b>Belgium</b>												
Flemish community*	51.3	(4.5)	34.0	(4.3)	14.8	(2.8)	9.9	(2.3)	66.8	(3.9)	23.3	(3.5)
French community	63.2	(5.1)	18.6	(4.0)	18.3	(3.5)	36.3	(5.7)	42.8	(5.9)	20.9	(4.5)
German-speaking community	0.0	c	56.5	(0.3)	43.5	(0.3)	0.0	c	66.7	(0.2)	33.3	(0.2)
<b>Canada</b>												
Alberta	38.4	(5.0)	49.3	(5.4)	12.3	(3.9)	1.8	(1.3)	45.9	(4.2)	52.3	(4.1)
British Columbia	39.8	(6.0)	47.9	(5.5)	12.3	(4.0)	10.4	(3.3)	54.7	(6.0)	34.9	(5.2)
Manitoba	47.9	(3.1)	46.9	(3.0)	5.2	(1.4)	8.2	(1.7)	40.7	(3.1)	51.1	(3.1)
New Brunswick	35.0	(2.8)	62.3	(2.7)	2.7	(0.2)	14.0	(1.1)	55.4	(2.6)	30.5	(3.0)
Newfoundland and Labrador	51.0	(5.1)	30.2	(4.6)	18.9	(0.8)	14.1	(5.8)	65.0	(2.8)	20.9	(4.0)
Nova Scotia	32.5	(6.3)	64.9	(6.6)	2.6	(2.0)	2.8	(1.7)	68.6	(6.0)	28.5	(5.7)
Ontario	40.1	(5.9)	44.8	(5.9)	15.1	(3.8)	3.0	(1.7)	44.9	(5.8)	52.0	(6.0)
Prince Edward Island	49.6	(0.4)	47.7	(0.4)	2.7	(0.3)	1.7	(0.2)	72.3	(0.5)	26.0	(0.4)
Quebec	18.7	(3.8)	49.3	(4.3)	32.0	(4.2)	14.5	(3.0)	49.3	(4.6)	36.2	(4.5)
Saskatchewan	45.5	(4.0)	46.3	(3.7)	8.3	(1.5)	6.7	(2.1)	68.8	(3.5)	24.5	(2.7)
<b>Italy</b>												
Abruzzo	48.1	(6.5)	39.8	(5.8)	12.1	(4.4)	24.3	(5.7)	54.3	(7.1)	21.4	(6.1)
Basilicata	26.5	(5.9)	45.5	(5.9)	28.0	(4.1)	30.2	(5.2)	53.3	(5.0)	16.5	(3.4)
Bolzano	20.3	(0.5)	73.9	(0.5)	5.8	(0.2)	31.4	(1.0)	49.7	(0.9)	18.9	(0.6)
Calabria	50.5	(9.3)	33.8	(8.7)	15.7	(5.3)	14.8	(5.5)	64.9	(8.4)	20.3	(6.2)
Campania	51.0	(9.9)	38.1	(9.5)	10.9	(4.7)	14.9	(4.8)	34.5	(6.7)	50.6	(8.9)
Emilia Romagna	51.0	(7.2)	42.0	(7.5)	7.0	(3.8)	22.5	(5.4)	46.6	(7.3)	31.0	(6.0)
Friuli Venezia Giulia	47.7	(4.4)	50.6	(4.4)	1.7	(0.2)	14.0	(3.5)	70.0	(4.4)	16.0	(3.1)
Lazio	45.6	(7.4)	37.3	(6.9)	17.1	(5.1)	33.9	(7.3)	40.2	(8.1)	26.0	(8.2)
Liguria	50.4	(7.6)	34.5	(6.3)	15.0	(6.0)	19.5	(5.5)	52.3	(7.4)	28.2	(6.8)
Lombardia	32.2	(7.7)	46.9	(8.2)	20.9	(7.3)	29.8	(6.9)	47.9	(8.4)	22.3	(5.9)
Marche	42.7	(6.8)	47.1	(7.1)	10.3	(4.4)	32.8	(6.1)	53.8	(6.9)	13.5	(5.5)
Molise	33.8	(0.9)	33.3	(1.0)	32.9	(1.0)	19.8	(0.7)	59.1	(0.9)	21.1	(0.8)
Piemonte	42.1	(6.5)	48.3	(7.4)	9.5	(4.3)	23.9	(6.4)	52.1	(7.9)	24.0	(5.4)
Puglia	47.2	(7.5)	42.4	(6.2)	10.5	(4.5)	27.9	(6.3)	51.3	(7.2)	20.9	(5.5)
Sardegna	52.2	(7.2)	34.6	(6.8)	13.2	(5.5)	28.5	(6.6)	56.7	(6.5)	14.7	(4.6)
Sicilia	53.4	(6.2)	32.1	(5.7)	14.5	(4.3)	19.5	(5.6)	49.0	(6.6)	31.5	(6.2)
Toscana	49.8	(8.8)	33.8	(7.9)	16.3	(6.0)	24.6	(7.8)	54.8	(7.4)	20.6	(7.0)
Trento	51.0	(4.6)	38.9	(4.9)	10.1	(2.3)	19.0	(3.6)	49.1	(3.9)	31.9	(4.7)
Umbria	48.9	(6.3)	36.4	(5.4)	14.7	(4.0)	22.1	(3.7)	54.3	(4.9)	23.6	(5.9)
Valle d'Aosta	31.3	(1.0)	33.8	(0.9)	34.9	(1.1)	65.2	(0.9)	33.1	(0.9)	1.7	(0.1)
Veneto	40.0	(6.3)	46.5	(6.4)	13.5	(4.1)	22.0	(4.8)	51.7	(6.0)	26.3	(6.2)
<b>Mexico</b>												
Aguascalientes	19.4	(6.0)	46.0	(7.3)	34.6	(5.9)	30.7	(7.4)	28.5	(7.3)	40.8	(5.9)
Baja California	24.7	(9.4)	41.2	(6.9)	34.1	(9.3)	29.6	(8.5)	38.5	(9.2)	32.0	(7.5)
Baja California Sur	22.2	(7.2)	53.0	(6.5)	24.7	(2.3)	23.4	(4.6)	40.0	(7.9)	36.6	(7.7)
Campeche	19.8	(5.9)	55.0	(8.7)	25.2	(9.7)	31.8	(8.1)	13.1	(6.4)	55.1	(6.9)
Chiapas	33.3	(7.5)	36.4	(7.2)	30.3	(7.4)	14.8	(5.0)	31.6	(6.8)	53.6	(8.1)
Chihuahua	35.8	(9.9)	37.0	(7.9)	27.2	(10.0)	18.9	(5.0)	38.6	(8.7)	42.6	(8.0)
Coahuila	37.1	(8.1)	32.3	(7.4)	30.7	(8.2)	34.1	(9.6)	28.2	(8.2)	37.7	(8.5)
Colima	22.0	(5.1)	41.0	(8.8)	37.0	(7.2)	42.2	(5.3)	24.7	(6.9)	33.1	(5.8)
Distrito Federal	21.9	(5.6)	32.7	(7.9)	45.4	(9.0)	22.0	(6.1)	35.2	(7.8)	42.9	(8.6)
Durango	26.3	(6.2)	44.6	(9.3)	29.1	(6.1)	16.6	(6.0)	21.0	(8.4)	62.4	(9.2)
Guanajuato	40.1	(7.8)	25.9	(7.3)	34.0	(8.1)	41.7	(9.0)	16.0	(6.0)	42.3	(8.4)
Guerrero	32.6	(6.3)	28.7	(8.2)	38.7	(9.1)	28.9	(9.0)	35.5	(7.9)	35.6	(7.4)
Hidalgo	21.0	(7.3)	36.0	(8.0)	43.0	(8.6)	26.5	(6.2)	31.1	(7.7)	42.3	(8.5)
Jalisco	31.6	(9.7)	41.6	(10.1)	26.8	(6.6)	32.6	(9.2)	41.5	(10.5)	25.9	(5.5)
Mexico	41.5	(8.6)	30.6	(6.9)	27.9	(6.6)	28.1	(5.7)	30.9	(7.5)	41.0	(7.6)
Morelos	31.4	(7.6)	41.0	(9.1)	27.6	(7.6)	31.3	(7.9)	34.4	(8.7)	34.4	(9.5)
Nayarit	18.8	(6.6)	44.3	(7.5)	36.9	(4.7)	28.3	(5.2)	26.3	(5.1)	45.4	(6.8)
Nuevo León	35.5	(6.7)	27.0	(5.9)	37.4	(7.6)	27.3	(6.5)	21.4	(6.8)	51.3	(7.3)
Puebla	28.1	(6.0)	48.8	(7.3)	23.1	(7.6)	15.4	(5.6)	44.5	(8.6)	40.0	(8.7)
Querétaro	14.2	(5.0)	33.1	(7.9)	52.7	(8.7)	39.2	(12.1)	30.1	(10.4)	30.6	(7.2)
Quintana Roo	41.9	(8.3)	30.3	(8.9)	27.9	(8.1)	8.8	(2.8)	29.6	(6.5)	61.6	(7.3)
San Luis Potosí	36.6	(7.1)	32.6	(9.8)	30.9	(9.0)	23.8	(6.2)	35.5	(6.4)	40.7	(5.9)
Sinaloa	16.1	(5.5)	50.2	(9.4)	33.7	(8.5)	24.0	(8.0)	35.0	(9.9)	41.0	(9.3)
Tabasco	18.3	(6.0)	31.3	(9.1)	50.4	(8.9)	24.0	(8.2)	27.1	(6.9)	48.9	(9.2)
Tamaulipas	38.0	(9.8)	41.5	(10.2)	20.5	(8.0)	31.2	(7.6)	28.3	(10.5)	40.6	(9.8)
Tlaxcala	25.7	(6.6)	53.7	(7.7)	20.6	(5.9)	22.9	(5.6)	29.5	(7.8)	47.5	(8.7)
Veracruz	33.8	(7.5)	43.7	(9.3)	22.5	(7.4)	28.8	(7.1)	34.3	(7.8)	36.9	(7.8)
Yucatán	22.5	(7.1)	33.7	(8.8)	43.8	(8.9)	26.0	(6.6)	31.1	(8.8)	42.9	(9.6)
Zacatecas	23.3	(5.9)	42.4	(7.5)	34.3	(6.8)	20.4	(6.2)	33.6	(7.7)	46.0	(7.9)

\* PISA adjudicated region.

Note: See Table IV.2.11 for national data.

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[Part 4/4]


## Ability grouping for mathematics classes, by region

Table B2.IV.4 Results based on school principals' reports

	Percentage of students in schools whose principal reported:											
	In mathematics classes, teachers use pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)						No ability grouping for any class		One form of grouping for some classes		One form of grouping for all classes	
	For all classes		For some classes		Not for any class							
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	60.9	(10.3)	30.6	(10.8)	8.5	(4.9)	51.3	(9.5)	38.8	(9.6)	9.9	(6.3)
<b>Spain</b>												
Andalusia*	61.0	(7.6)	22.7	(6.8)	16.3	(4.7)	4.7	(2.9)	37.6	(6.7)	57.6	(7.3)
Aragon*	71.3	(5.8)	19.0	(4.8)	9.7	(3.3)	8.4	(4.2)	43.3	(6.0)	48.3	(5.9)
Asturias*	58.8	(5.6)	30.6	(6.1)	10.6	(4.3)	3.8	(2.6)	41.9	(7.6)	54.4	(7.7)
Balearic Islands*	61.5	(6.7)	24.3	(6.8)	14.1	(5.3)	5.7	(3.3)	40.4	(7.5)	53.9	(8.2)
Basque Country*	52.3	(4.0)	36.4	(4.1)	11.3	(2.5)	24.2	(3.2)	54.2	(4.0)	21.5	(3.0)
Cantabria*	73.0	(5.2)	15.6	(4.7)	11.4	(4.7)	9.8	(4.5)	47.1	(6.5)	43.1	(6.2)
Castile and Leon*	52.0	(7.1)	32.4	(6.9)	15.6	(4.3)	3.9	(2.8)	45.9	(5.9)	50.2	(6.4)
Catalonia*	41.0	(7.4)	29.5	(5.9)	29.5	(7.2)	6.0	(3.5)	49.4	(7.9)	44.5	(7.6)
Extremadura*	76.1	(6.1)	11.6	(4.6)	12.3	(4.9)	9.0	(4.2)	40.8	(6.9)	50.2	(6.3)
Galicia*	62.3	(7.4)	27.3	(7.2)	10.3	(4.2)	18.9	(5.7)	40.9	(7.1)	40.2	(6.7)
La Rioja*	60.7	(0.6)	19.6	(0.5)	19.7	(0.4)	6.4	(0.3)	43.7	(0.5)	49.9	(0.5)
Madrid*	48.1	(7.4)	35.8	(5.9)	16.1	(4.8)	9.5	(4.1)	44.7	(7.2)	45.8	(7.6)
Murcia*	61.7	(6.5)	26.2	(6.4)	12.1	(5.2)	0.0	c	57.0	(8.6)	43.0	(8.6)
Navarre*	44.9	(4.8)	32.7	(4.3)	22.4	(4.4)	1.2	(1.2)	52.8	(5.8)	46.1	(6.0)
<b>United Kingdom</b>												
England	4.6	(1.6)	12.3	(2.3)	83.0	(2.6)	0.7	(0.7)	36.2	(4.1)	63.1	(4.1)
Northern Ireland	15.6	(3.9)	19.6	(3.9)	64.8	(5.1)	2.8	(2.1)	40.0	(4.8)	57.2	(4.9)
Scotland*	9.3	(3.1)	26.6	(4.3)	64.1	(5.1)	0.9	(0.8)	44.1	(4.7)	55.1	(4.6)
Wales	5.0	(1.7)	17.9	(3.1)	77.1	(3.2)	0.0	c	38.5	(3.8)	61.5	(3.8)
<b>United States</b>												
Connecticut*	21.8	(6.9)	66.1	(8.3)	12.1	(5.3)	0.0	c	52.7	(7.9)	47.3	(7.9)
Florida*	23.9	(6.1)	57.4	(7.7)	18.8	(7.0)	3.6	(2.5)	66.7	(7.0)	29.7	(7.0)
Massachusetts*	33.2	(6.8)	47.6	(7.7)	19.2	(6.4)	0.0	c	54.4	(8.1)	45.6	(8.1)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	56.8	(9.1)	26.8	(7.3)	16.4	(6.2)	26.7	(7.9)	49.7	(8.0)	23.6	(6.6)
<b>Brazil</b>												
Acre	38.2	(13.3)	4.4	(4.7)	57.4	(14.3)	5.2	(5.2)	22.9	(8.0)	71.9	(6.9)
Alagoas	15.5	(10.9)	31.9	(12.0)	52.6	(12.7)	10.2	(9.7)	50.9	(13.5)	38.9	(12.0)
Amapá	24.9	(9.4)	21.7	(9.3)	53.4	(11.5)	11.2	(6.6)	39.1	(8.5)	49.7	(9.1)
Amazonas	34.3	(12.0)	17.8	(10.8)	47.8	(13.0)	25.4	(12.1)	30.6	(11.1)	44.0	(14.3)
Bahia	66.7	(12.9)	6.6	(4.5)	26.7	(13.0)	19.9	(14.3)	30.8	(12.8)	49.3	(18.6)
Ceará	36.6	(9.2)	12.0	(8.3)	51.4	(11.7)	35.9	(9.3)	33.4	(10.7)	30.7	(10.8)
Espírito Santo	60.7	(18.6)	6.4	(4.4)	32.9	(18.1)	17.5	(12.6)	28.0	(9.8)	54.5	(18.9)
Federal District	20.1	(12.6)	28.6	(15.2)	51.3	(9.3)	35.7	(14.9)	21.2	(10.4)	43.1	(17.1)
Goiás	40.3	(8.3)	12.6	(7.4)	47.1	(9.6)	9.1	(6.1)	32.6	(9.8)	58.4	(9.3)
Maranhão	10.5	(7.4)	31.5	(13.0)	58.0	(14.4)	24.5	(14.3)	33.4	(9.5)	42.1	(14.8)
Mato Grosso	36.3	(10.2)	20.6	(7.1)	43.1	(12.4)	25.2	(11.7)	46.1	(12.7)	28.7	(7.0)
Mato Grosso do Sul	38.1	(11.1)	29.4	(9.1)	32.4	(6.0)	24.3	(7.5)	14.5	(7.7)	61.2	(11.0)
Minas Gerais	56.7	(11.3)	23.9	(9.6)	19.4	(6.4)	12.0	(6.3)	19.6	(7.9)	68.4	(7.1)
Pará	41.6	(18.8)	11.3	(7.5)	47.1	(17.8)	33.1	(13.8)	27.8	(8.3)	39.0	(12.5)
Paraíba	36.2	(16.0)	36.9	(16.4)	26.9	(10.6)	6.1	(4.5)	19.1	(8.9)	74.8	(10.2)
Paraná	29.5	(11.3)	30.7	(9.6)	39.8	(11.7)	21.4	(7.7)	42.4	(11.0)	36.2	(10.1)
Pernambuco	46.6	(13.3)	9.6	(7.2)	43.7	(10.6)	8.6	(6.6)	30.9	(9.0)	60.4	(8.7)
Piauí	10.8	(8.0)	33.5	(13.6)	55.7	(11.6)	17.8	(6.1)	36.3	(12.5)	45.9	(11.2)
Rio de Janeiro	26.9	(10.7)	26.3	(9.1)	46.8	(11.0)	16.0	(6.7)	24.5	(7.4)	59.5	(6.1)
Rio Grande do Norte	10.5	(6.7)	26.2	(11.0)	63.3	(9.2)	24.3	(11.4)	36.4	(13.7)	39.3	(12.6)
Rio Grande do Sul	36.9	(10.3)	8.4	(7.0)	54.7	(10.1)	26.1	(9.7)	14.8	(8.1)	59.1	(12.5)
Rondônia	17.7	(9.1)	30.3	(12.0)	52.0	(13.5)	39.5	(11.8)	47.3	(11.1)	13.2	(7.0)
Roraima	19.8	(9.7)	30.7	(12.0)	49.5	(12.1)	14.0	(9.8)	47.7	(11.9)	38.4	(11.2)
Santa Catarina	14.3	(8.2)	10.2	(6.9)	75.5	(10.2)	26.1	(10.0)	23.5	(4.9)	50.5	(11.8)
São Paulo	36.0	(5.9)	22.0	(5.2)	42.1	(5.7)	15.1	(4.4)	26.8	(5.8)	58.0	(6.8)
Sergipe	25.3	(11.6)	14.5	(13.0)	60.2	(11.9)	15.6	(10.0)	37.9	(8.5)	46.5	(10.5)
Tocantins	35.2	(11.9)	16.7	(8.1)	48.1	(10.2)	15.5	(6.1)	43.5	(9.5)	41.0	(9.8)
<b>Colombia</b>												
Bogota	41.2	(7.5)	44.1	(6.6)	14.7	(5.4)	4.4	(3.1)	47.1	(7.0)	48.4	(7.7)
Cali	47.5	(8.2)	32.2	(8.8)	20.2	(7.0)	12.8	(5.8)	22.8	(6.8)	64.4	(8.4)
Manizales	26.7	(8.5)	59.5	(6.4)	13.8	(4.9)	10.6	(4.3)	39.8	(7.1)	49.6	(7.0)
Medellin	24.0	(6.7)	53.0	(7.4)	23.0	(6.5)	4.1	(3.0)	67.2	(6.7)	28.8	(7.1)
<b>Russian Federation</b>												
Perm Territory region*	27.3	(6.2)	67.3	(6.9)	5.4	(3.2)	0.0	c	45.4	(5.9)	54.6	(5.9)
<b>United Arab Emirates</b>												
Abu Dhabi*	65.1	(4.0)	24.5	(4.3)	10.4	(3.1)	10.2	(2.5)	27.3	(4.2)	62.5	(4.5)
Ajman	70.1	(5.3)	27.6	(5.2)	2.3	(0.4)	16.2	(2.0)	8.5	(7.1)	75.2	(7.4)
Dubai*	52.6	(0.3)	29.7	(0.2)	17.8	(0.3)	12.2	(0.2)	26.9	(0.2)	60.9	(0.2)
Fujairah	75.6	(7.0)	23.8	(6.9)	0.6	(0.1)	0.0	c	38.7	(6.5)	61.3	(6.5)
Ras Al Khaimah	82.8	(8.1)	10.7	(7.4)	6.5	(3.1)	7.0	(5.5)	18.3	(7.7)	74.7	(8.9)
Sharjah	59.8	(9.0)	39.4	(9.3)	0.8	(0.8)	28.9	(10.1)	5.3	(3.5)	65.9	(10.0)
Umm Al Quwain	34.4	(0.4)	64.8	(0.5)	0.9	(0.3)	0.8	(0.2)	4.7	(0.2)	94.6	(0.3)

\* PISA adjudicated region.

Note: See Table IV.2.11 for national data.

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[Part 1/2]  
**Composition and qualifications of teaching staff, by region**

Table B2.IV.5 *Results based on school principals' reports*

	School principals' report on the following:							
	Percentage of certified teachers in the school		Percentage of teachers with ISCED 5A in the school		Percentage of mathematics teachers in the school		Percentage of mathematics teachers with ISCED 5A in the school	
	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.
<b>OECD</b>								
<b>Australia</b>								
Australian capital territory	99.6	(0.0)	99.7	(0.0)	16.8	(0.2)	64.5	(0.7)
New South Wales	95.4	(1.5)	96.4	(1.4)	12.3	(0.3)	74.9	(2.0)
Northern territory	99.3	(0.2)	99.9	(0.1)	21.2	(2.7)	46.9	(3.9)
Queensland	97.9	(1.0)	96.2	(1.6)	21.9	(1.1)	47.6	(2.8)
South Australia	99.7	(0.2)	99.1	(0.8)	19.6	(0.8)	53.8	(3.3)
Tasmania	99.3	(0.1)	96.0	(0.4)	26.9	(0.5)	34.2	(0.6)
Victoria	99.4	(0.2)	97.5	(1.2)	20.1	(0.6)	64.0	(2.7)
Western Australia	98.3	(1.2)	97.1	(1.4)	12.2	(0.5)	66.3	(3.4)
<b>Belgium</b>								
Flemish community*	89.8	(2.3)	39.0	(1.0)	11.4	(0.3)	24.6	(1.4)
French community	83.6	(2.5)	39.2	(1.7)	12.6	(0.4)	20.7	(1.8)
German-speaking community	74.9	(0.3)	39.3	(0.2)	12.4	(0.0)	46.5	(0.3)
<b>Canada</b>								
Alberta	99.4	(0.2)	95.9	(2.2)	16.8	(1.7)	62.1	(3.7)
British Columbia	98.7	(0.7)	94.6	(2.4)	12.3	(0.6)	61.6	(3.9)
Manitoba	99.1	(0.1)	93.8	(1.6)	17.3	(1.7)	61.3	(2.9)
New Brunswick	93.0	(0.3)	97.2	(0.2)	18.5	(0.6)	46.3	(2.2)
Newfoundland and Labrador	99.8	(0.1)	98.6	(0.6)	16.6	(0.9)	79.1	(1.9)
Nova Scotia	98.7	(0.3)	96.6	(1.7)	17.0	(0.6)	71.0	(5.1)
Ontario	98.5	(1.1)	96.7	(1.1)	14.0	(0.5)	60.6	(3.4)
Prince Edward Island	98.4	(0.1)	97.4	(0.1)	20.7	(0.1)	41.6	(0.2)
Quebec	88.9	(2.9)	92.8	(2.1)	16.0	(0.5)	73.3	(3.1)
Saskatchewan	99.4	(0.4)	90.2	(2.4)	22.6	(1.4)	54.1	(2.3)
<b>Italy</b>								
Abruzzo	91.8	(1.4)	93.6	(1.1)	10.5	(0.5)	67.4	(3.6)
Basilicata	88.9	(3.0)	90.6	(3.1)	11.8	(0.4)	51.5	(3.1)
Bolzano	54.9	(0.4)	72.1	(0.4)	9.9	(0.1)	42.6	(0.5)
Calabria	89.1	(3.1)	89.2	(3.1)	11.2	(0.5)	75.7	(3.7)
Campania	93.0	(2.0)	91.4	(2.9)	12.7	(1.0)	72.3	(4.1)
Emilia Romagna	84.6	(1.3)	90.9	(1.1)	10.8	(0.6)	66.6	(4.7)
Friuli Venezia Giulia	79.8	(2.2)	90.9	(1.9)	11.7	(0.3)	56.4	(4.7)
Lazio	90.5	(1.5)	92.7	(1.2)	12.9	(0.7)	74.2	(4.3)
Liguria	87.8	(2.1)	90.9	(1.7)	11.8	(0.7)	76.3	(3.8)
Lombardia	80.5	(3.9)	86.6	(3.3)	11.7	(0.8)	73.3	(3.5)
Marche	88.1	(2.3)	92.0	(1.3)	11.7	(0.6)	71.5	(3.8)
Molise	90.9	(0.2)	94.2	(0.1)	12.1	(0.1)	62.2	(0.5)
Piemonte	70.8	(6.0)	83.8	(3.5)	10.3	(0.8)	68.3	(4.7)
Puglia	87.4	(4.9)	89.1	(4.9)	12.8	(0.6)	63.5	(3.8)
Sardegna	88.4	(2.2)	90.6	(2.3)	12.8	(0.7)	33.6	(4.4)
Sicilia	95.0	(1.1)	95.5	(1.1)	11.8	(0.6)	73.7	(3.1)
Toscana	88.4	(1.2)	89.2	(1.8)	12.1	(0.7)	71.0	(5.0)
Trento	73.6	(3.5)	84.9	(2.8)	11.5	(0.3)	67.6	(3.7)
Umbria	90.2	(1.0)	92.6	(0.9)	11.4	(0.4)	78.0	(4.7)
Valle d'Aosta	74.1	(0.4)	91.2	(0.2)	10.4	(0.1)	70.6	(0.8)
Veneto	77.3	(1.4)	86.1	(1.0)	12.0	(0.5)	62.9	(4.0)
<b>Mexico</b>								
Aguascalientes	29.4	(8.0)	95.5	(1.0)	21.0	(1.7)	28.6	(4.3)
Baja California	16.6	(6.0)	81.3	(8.6)	21.6	(3.8)	24.0	(5.9)
Baja California Sur	25.6	(7.3)	87.8	(2.7)	18.9	(2.0)	19.3	(5.8)
Campeche	42.9	(12.4)	78.1	(8.4)	17.0	(1.8)	38.5	(9.3)
Chiapas	33.1	(8.6)	85.2	(7.2)	26.7	(3.2)	26.8	(8.6)
Chihuahua	31.4	(12.3)	91.2	(3.1)	20.7	(1.5)	38.1	(8.1)
Coahuila	27.7	(8.0)	90.0	(3.8)	18.7	(2.5)	22.8	(8.3)
Colima	19.9	(4.5)	92.3	(0.7)	25.2	(3.7)	30.7	(5.1)
Distrito Federal	24.0	(8.1)	79.5	(4.3)	11.7	(0.4)	24.2	(6.2)
Durango	16.0	(3.5)	85.6	(5.1)	22.0	(2.3)	25.0	(6.5)
Guanajuato	43.9	(5.1)	90.7	(2.5)	39.0	(4.6)	24.7	(5.4)
Guerrero	4.6	(2.3)	85.2	(4.4)	22.1	(3.3)	38.8	(9.6)
Hidalgo	17.2	(5.7)	89.2	(2.4)	17.0	(2.3)	30.4	(6.1)
Jalisco	17.3	(4.5)	91.7	(3.3)	18.0	(1.3)	23.8	(8.0)
Mexico	20.4	(6.1)	91.9	(1.3)	22.2	(3.8)	23.3	(7.3)
Morelos	30.8	(9.1)	85.8	(4.6)	21.8	(2.7)	18.6	(8.6)
Nayarit	17.8	(4.2)	97.9	(0.8)	19.9	(2.6)	29.4	(5.0)
Nuevo León	40.0	(11.0)	91.3	(4.8)	18.0	(1.3)	43.9	(7.5)
Puebla	33.4	(10.8)	86.0	(5.2)	28.1	(4.1)	23.1	(8.4)
Querétaro	39.4	(10.8)	93.6	(2.7)	21.1	(2.9)	34.5	(6.3)
Quintana Roo	37.5	(10.2)	86.9	(5.9)	20.1	(2.1)	34.5	(9.8)
San Luis Potosí	36.9	(9.2)	91.2	(3.2)	22.0	(2.7)	43.4	(10.6)
Sinaloa	17.3	(5.0)	94.5	(1.8)	18.6	(1.9)	33.2	(8.6)
Tabasco	29.8	(8.4)	95.1	(3.1)	26.1	(5.1)	23.2	(6.1)
Tamaulipas	30.5	(8.9)	86.8	(5.2)	17.5	(1.4)	23.6	(5.2)
Tlaxcala	22.6	(6.6)	90.9	(4.5)	22.8	(3.8)	28.4	(5.2)
Veracruz	38.7	(11.2)	85.9	(6.2)	40.2	(5.4)	26.0	(7.8)
Yucatán	52.8	(10.4)	89.4	(5.3)	20.1	(2.8)	50.3	(9.3)
Zacatecas	34.0	(6.4)	94.7	(1.8)	27.1	(2.8)	26.9	(8.7)

\* PISA adjudicated region.

Note: See Table IV.3.6 for national data.

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[Part 2/2]

**Composition and qualifications of teaching staff, by region****Table B2.IV.5** Results based on school principals' reports

	School principals' report on the following:								
	Percentage of certified teachers in the school		Percentage of teachers with ISCED 5A in the school		Percentage of mathematics teachers in the school		Percentage of mathematics teachers with ISCED 5A in the school		
	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	Mean %	S.E.	
<b>OECD</b>	<b>Portugal</b>								
	Alentejo	92.4	(2.5)	75.5	(6.1)	12.5	(0.3)	70.9	(4.9)
	<b>Spain</b>								
	Andalusia*	100.0	c	96.2	(2.3)	15.3	(1.1)	54.0	(4.1)
	Aragon*	100.0	c	96.7	(1.5)	15.6	(1.4)	53.6	(3.4)
	Asturias*	100.0	c	97.6	(1.0)	13.6	(1.3)	35.3	(3.0)
	Balearic Islands*	100.0	c	84.8	(2.8)	12.2	(1.4)	35.8	(2.7)
	Basque Country*	100.0	c	99.0	(0.4)	15.1	(0.8)	23.5	(2.2)
	Cantabria*	100.0	c	97.1	(1.4)	15.2	(1.3)	43.5	(4.0)
	Castile and Leon*	100.0	c	96.7	(1.4)	15.0	(1.4)	41.7	(4.2)
	Catalonia*	100.0	c	91.3	(2.7)	12.9	(1.1)	29.8	(3.8)
	Extremadura*	100.0	c	95.9	(1.9)	11.5	(0.5)	58.8	(3.8)
	Galicia*	100.0	c	76.1	(4.2)	14.6	(1.2)	57.7	(3.5)
	La Rioja*	100.0	c	96.5	(0.1)	16.4	(0.1)	59.2	(0.3)
	Madrid*	100.0	c	96.1	(1.8)	17.6	(2.5)	47.7	(4.3)
	Murcia*	100.0	c	98.1	(1.4)	15.5	(1.7)	62.0	(3.2)
	Navarre*	100.0	c	95.7	(2.4)	13.7	(1.0)	48.6	(4.5)
	<b>United Kingdom</b>								
	England	94.5	(1.3)	95.5	(1.4)	11.8	(0.2)	69.3	(2.2)
	Northern Ireland	98.6	(1.2)	97.3	(1.9)	11.5	(0.3)	80.1	(2.9)
	Scotland*	98.2	(0.3)	96.4	(1.6)	11.1	(0.2)	90.8	(2.2)
	Wales	99.0	(0.6)	97.1	(1.2)	12.0	(0.2)	75.0	(2.2)
	<b>United States</b>								
	Connecticut*	99.3	(0.2)	98.2	(1.0)	12.6	(0.3)	86.6	(4.2)
	Florida*	94.1	(2.0)	98.6	(0.9)	16.4	(1.9)	55.3	(5.2)
	Massachusetts*	94.8	(2.3)	95.3	(1.8)	14.2	(0.4)	80.6	(4.4)
<b>Partners</b>	<b>Argentina</b>								
	Ciudad Autónoma de Buenos Aires*	88.2	(4.5)	19.8	(2.8)	7.1	(0.7)	11.1	(3.8)
	<b>Brazil</b>								
	Acre	m	m	93.1	(3.8)	17.7	(2.3)	81.1	(9.9)
	Alagoas	m	m	82.2	(8.6)	22.2	(4.1)	46.2	(14.1)
	Amapá	m	m	91.9	(3.9)	13.0	(0.8)	88.2	(3.5)
	Amazonas	m	m	84.1	(9.2)	25.8	(5.5)	80.4	(10.5)
	Bahia	m	m	74.7	(5.8)	18.1	(2.3)	47.1	(11.0)
	Ceará	m	m	88.1	(3.2)	18.8	(1.9)	72.9	(10.7)
	Espírito Santo	m	m	74.2	(10.2)	19.2	(3.4)	83.5	(14.1)
	Federal District	m	m	98.5	(0.6)	11.7	(1.4)	82.4	(8.2)
	Goiás	m	m	88.4	(4.2)	18.8	(1.7)	75.5	(9.2)
	Maranhão	m	m	92.5	(3.1)	17.0	(2.4)	70.4	(10.9)
	Mato Grosso	m	m	81.7	(5.9)	19.4	(2.5)	85.9	(4.7)
	Mato Grosso do Sul	m	m	92.7	(5.3)	15.4	(2.2)	64.4	(8.5)
	Minas Gerais	m	m	87.7	(3.1)	14.1	(1.9)	81.1	(5.5)
	Pará	m	m	90.8	(4.3)	18.2	(1.8)	50.9	(10.4)
	Paraíba	m	m	85.6	(5.2)	13.2	(2.4)	78.4	(9.0)
	Paraná	m	m	87.8	(4.3)	14.2	(1.4)	69.5	(6.5)
	Pernambuco	m	m	90.9	(3.9)	25.2	(3.2)	63.0	(11.2)
	Piauí	m	m	92.1	(3.8)	15.0	(1.2)	53.2	(9.3)
	Rio de Janeiro	m	m	79.2	(6.6)	13.4	(1.5)	63.2	(9.8)
	Rio Grande do Norte	m	m	78.9	(8.4)	13.4	(2.2)	49.4	(10.8)
	Rio Grande do Sul	m	m	86.0	(3.7)	15.7	(1.4)	72.2	(6.0)
	Rondônia	m	m	86.5	(6.2)	23.9	(3.7)	82.9	(6.1)
	Roraima	m	m	74.3	(7.0)	15.2	(1.3)	79.5	(6.8)
	Santa Catarina	m	m	83.1	(5.6)	16.9	(1.7)	80.6	(5.9)
	São Paulo	m	m	90.8	(2.2)	15.2	(1.7)	81.6	(4.0)
	Sergipe	m	m	90.4	(4.1)	11.2	(1.3)	62.8	(14.6)
	Tocantins	m	m	91.6	(3.5)	27.1	(2.7)	81.3	(6.6)
	<b>Colombia</b>								
	Bogota	11.1	(2.5)	94.2	(1.7)	12.4	(1.0)	23.9	(3.5)
	Cali	25.0	(4.8)	75.9	(4.3)	14.5	(1.2)	24.8	(5.9)
	Manizales	17.8	(3.8)	85.3	(3.7)	10.6	(0.7)	10.5	(3.9)
	Medellin	8.5	(2.9)	91.9	(3.1)	16.0	(3.1)	23.6	(4.9)
	<b>Russian Federation</b>								
	Perm Territory region*	96.2	(1.0)	80.5	(1.5)	11.0	(0.5)	92.6	(1.6)
	<b>United Arab Emirates</b>								
	Abu Dhabi*	m	m	90.7	(1.4)	14.5	(0.4)	89.8	(1.8)
	Ajman	m	m	90.8	(2.7)	13.6	(0.5)	80.5	(4.6)
	Dubai*	m	m	90.3	(0.1)	14.3	(0.1)	76.5	(0.2)
	Fujairah	m	m	96.3	(1.1)	11.8	(0.2)	95.2	(4.5)
	Ras Al Khaimah	m	m	95.1	(2.3)	12.9	(0.5)	96.1	(0.4)
	Sharjah	m	m	91.3	(3.0)	13.9	(2.2)	84.9	(3.5)
	Umm Al Quwain	m	m	89.2	(0.2)	12.3	(0.0)	87.2	(0.2)

\* PISA adjudicated region.

Note: See Table IV.3.6 for national data

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[Part 1/4]  
**Index of teacher shortage and mathematics performance, by region**

Table B2.IV.6 Results based on school principals' reports

	Index of teacher shortage										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	0.38	(0.02)	-1.09	(0.00)	0.16	(0.07)	0.86	(0.02)	1.60	(0.02)	1.03	(0.01)
New South Wales	-0.06	(0.07)	-1.09	(0.00)	-0.74	(0.12)	0.39	(0.12)	1.20	(0.09)	0.97	(0.04)
Northern territory	0.83	(0.28)	-0.12	(0.51)	0.71	(0.19)	0.98	(0.06)	1.74	(0.37)	0.77	(0.10)
Queensland	0.60	(0.08)	-0.95	(0.11)	0.42	(0.14)	1.12	(0.10)	1.80	(0.09)	1.07	(0.05)
South Australia	0.31	(0.10)	-1.04	(0.10)	-0.03	(0.18)	0.76	(0.11)	1.54	(0.12)	1.00	(0.06)
Tasmania	0.61	(0.04)	-0.85	(0.05)	0.46	(0.07)	1.10	(0.02)	1.73	(0.05)	1.03	(0.02)
Victoria	0.20	(0.07)	-1.09	(0.05)	-0.13	(0.19)	0.68	(0.07)	1.32	(0.07)	0.93	(0.04)
Western Australia	0.00	(0.12)	-1.09	(0.00)	-0.79	(0.15)	0.31	(0.17)	1.57	(0.26)	1.15	(0.12)
<b>Belgium</b>												
Flemish community*	-0.02	(0.08)	-1.09	(0.00)	-0.58	(0.18)	0.38	(0.10)	1.24	(0.10)	0.95	(0.04)
French community	-0.06	(0.07)	-1.09	(0.00)	-0.74	(0.12)	0.39	(0.12)	1.20	(0.09)	0.97	(0.04)
German-speaking community	0.20	(0.07)	-1.09	(0.05)	-0.13	(0.19)	0.68	(0.07)	1.32	(0.07)	0.93	(0.04)
<b>Canada</b>												
Alberta	-0.32	(0.09)	-1.09	(0.00)	-1.02	(0.15)	-0.09	(0.18)	0.93	(0.09)	0.86	(0.04)
British Columbia	-0.42	(0.11)	-1.09	(0.00)	-1.09	(0.00)	-0.26	(0.33)	0.79	(0.15)	0.83	(0.06)
Manitoba	-0.26	(0.06)	-1.09	(0.00)	-0.88	(0.11)	0.08	(0.08)	0.85	(0.07)	0.82	(0.03)
New Brunswick	-0.08	(0.02)	-1.09	(0.00)	-0.41	(0.06)	0.25	(0.04)	0.93	(0.02)	0.80	(0.02)
Newfoundland and Labrador	-0.59	(0.04)	-1.09	(0.00)	-1.09	(0.00)	-0.91	(0.10)	0.72	(0.09)	0.85	(0.05)
Nova Scotia	-0.24	(0.12)	-1.09	(0.00)	-0.74	(0.21)	0.04	(0.28)	0.82	(0.14)	0.82	(0.06)
Ontario	-0.52	(0.07)	-1.09	(0.00)	-1.09	(0.03)	-0.37	(0.18)	0.45	(0.13)	0.67	(0.04)
Prince Edward Island	0.34	(0.01)	-0.52	(0.02)	c	c	0.57	(0.00)	1.14	(0.01)	0.65	(0.00)
Quebec	0.16	(0.08)	-1.09	(0.01)	-0.27	(0.17)	0.61	(0.11)	1.41	(0.09)	0.98	(0.04)
Saskatchewan	-0.38	(0.06)	-1.09	(0.00)	-0.95	(0.12)	-0.21	(0.06)	0.73	(0.13)	0.77	(0.05)
<b>Italy</b>												
Abruzzo	0.30	(0.09)	-0.81	(0.11)	0.10	(0.14)	0.66	(0.11)	1.27	(0.14)	0.81	(0.06)
Basilicata	0.26	(0.09)	-1.01	(0.14)	0.13	(0.19)	0.68	(0.08)	1.23	(0.06)	0.86	(0.06)
Bolzano	0.48	(0.02)	-0.74	(0.02)	0.17	(0.04)	0.90	(0.02)	1.58	(0.02)	0.92	(0.01)
Calabria	0.09	(0.12)	-1.09	(0.05)	-0.37	(0.28)	0.57	(0.16)	1.27	(0.19)	0.96	(0.08)
Campania	0.25	(0.17)	-1.09	(0.08)	0.16	(0.49)	0.75	(0.07)	1.20	(0.13)	0.92	(0.06)
Emilia Romagna	0.10	(0.16)	-1.09	(0.00)	-0.56	(0.43)	0.75	(0.19)	1.32	(0.12)	1.02	(0.05)
Friuli Venezia Giulia	0.27	(0.10)	-1.04	(0.10)	0.09	(0.19)	0.72	(0.10)	1.31	(0.10)	0.90	(0.03)
Lazio	0.18	(0.14)	-1.09	(0.04)	-0.08	(0.38)	0.66	(0.08)	1.23	(0.20)	0.93	(0.08)
Liguria	0.34	(0.12)	-0.86	(0.19)	0.08	(0.23)	0.70	(0.06)	1.46	(0.17)	0.90	(0.07)
Lombardia	0.28	(0.15)	-0.87	(0.19)	0.04	(0.20)	0.58	(0.14)	1.37	(0.20)	0.88	(0.07)
Marche	-0.02	(0.10)	-1.09	(0.00)	-0.42	(0.27)	0.54	(0.12)	0.89	(0.09)	0.83	(0.05)
Molise	0.21	(0.02)	-1.09	(0.00)	0.07	(0.06)	0.73	(0.01)	1.15	(0.02)	0.92	(0.01)
Piemonte	0.15	(0.13)	-0.98	(0.15)	-0.13	(0.14)	0.50	(0.14)	1.24	(0.18)	0.86	(0.06)
Puglia	0.21	(0.14)	-1.09	(0.14)	0.06	(0.34)	0.68	(0.07)	1.17	(0.23)	0.93	(0.13)
Sardegna	0.31	(0.16)	-1.01	(0.15)	0.07	(0.32)	0.74	(0.12)	1.45	(0.18)	0.94	(0.06)
Sicilia	0.08	(0.13)	-1.09	(0.00)	-0.44	(0.28)	0.46	(0.17)	1.38	(0.13)	1.00	(0.06)
Toscana	0.45	(0.15)	-0.84	(0.21)	0.20	(0.24)	0.89	(0.18)	1.55	(0.11)	0.93	(0.07)
Trento	0.17	(0.08)	-1.06	(0.11)	-0.03	(0.15)	0.67	(0.11)	1.10	(0.01)	0.84	(0.03)
Umbria	0.37	(0.09)	-0.86	(0.14)	0.11	(0.18)	0.78	(0.06)	1.46	(0.13)	0.91	(0.06)
Valle d'Aosta	0.06	(0.02)	-1.09	(0.00)	-0.15	(0.05)	0.57	(0.01)	0.90	(0.01)	0.79	(0.01)
Veneto	0.60	(0.12)	-0.50	(0.26)	0.63	(0.09)	0.87	(0.09)	1.41	(0.16)	0.78	(0.10)
<b>Mexico</b>												
Aguascalientes	0.64	(0.11)	-0.49	(0.22)	0.57	(0.11)	0.88	(0.11)	1.59	(0.19)	0.84	(0.10)
Baja California	0.57	(0.15)	-0.68	(0.13)	0.38	(0.19)	0.88	(0.21)	1.70	(0.24)	0.95	(0.09)
Baja California Sur	0.39	(0.18)	-0.75	(0.16)	0.14	(0.19)	0.65	(0.12)	1.54	(0.33)	0.92	(0.07)
Campeche	0.43	(0.10)	-0.69	(0.19)	0.33	(0.12)	0.77	(0.08)	1.31	(0.18)	0.81	(0.07)
Chiapas	0.33	(0.18)	-1.09	(0.04)	-0.15	(0.48)	0.78	(0.16)	1.77	(0.18)	1.11	(0.07)
Chihuahua	0.39	(0.17)	-1.02	(0.14)	0.11	(0.23)	0.96	(0.37)	1.53	(0.10)	0.99	(0.08)
Coahuila	0.41	(0.22)	-1.09	(0.07)	-0.02	(0.58)	0.99	(0.18)	1.78	(0.27)	1.16	(0.11)
Colima	0.07	(0.09)	-1.09	(0.00)	-0.56	(0.27)	0.61	(0.10)	1.31	(0.11)	1.02	(0.05)
Distrito Federal	0.56	(0.14)	-0.84	(0.20)	0.34	(0.18)	0.91	(0.16)	1.85	(0.24)	1.03	(0.10)
Durango	0.72	(0.17)	-0.64	(0.24)	0.57	(0.14)	1.03	(0.23)	1.95	(0.24)	1.01	(0.09)
Guanajuato	0.43	(0.15)	-0.82	(0.25)	0.41	(0.27)	0.71	(0.05)	1.42	(0.23)	0.87	(0.10)
Guerrero	0.86	(0.13)	0.07	(0.21)	0.68	(0.10)	1.05	(0.19)	1.67	(0.18)	0.66	(0.10)
Hidalgo	0.27	(0.21)	-1.09	(0.01)	-0.30	(0.43)	0.63	(0.24)	1.86	(0.28)	1.15	(0.09)
Jalisco	0.66	(0.19)	-0.48	(0.44)	0.56	(0.16)	0.82	(0.14)	1.75	(0.26)	0.89	(0.15)
Mexico	0.47	(0.13)	-0.94	(0.22)	0.35	(0.19)	0.90	(0.19)	1.59	(0.15)	0.97	(0.09)
Morelos	0.31	(0.14)	-1.09	(0.09)	0.27	(0.43)	0.78	(0.05)	1.28	(0.09)	0.94	(0.06)
Nayarit	0.69	(0.13)	-0.46	(0.18)	0.51	(0.14)	1.02	(0.14)	1.70	(0.17)	0.85	(0.06)
Nuevo León	0.31	(0.18)	-1.09	(0.14)	-0.15	(0.21)	0.64	(0.23)	1.83	(0.45)	1.17	(0.19)
Puebla	1.02	(0.11)	-0.30	(0.25)	0.84	(0.11)	1.39	(0.13)	2.14	(0.14)	0.98	(0.10)
Querétaro	0.35	(0.27)	-1.09	(0.07)	-0.14	(0.48)	0.65	(0.35)	2.01	(0.53)	1.24	(0.21)
Quintana Roo	0.20	(0.16)	-1.05	(0.15)	-0.13	(0.23)	0.60	(0.20)	1.38	(0.21)	0.93	(0.08)
San Luis Potosí	0.52	(0.19)	-0.92	(0.27)	0.34	(0.37)	0.86	(0.12)	1.80	(0.28)	1.08	(0.14)
Sinaloa	0.41	(0.20)	-1.02	(0.21)	0.29	(0.45)	0.86	(0.23)	1.52	(0.10)	0.97	(0.09)
Tabasco	0.54	(0.21)	-0.89	(0.31)	0.45	(0.24)	0.84	(0.16)	1.78	(0.28)	0.99	(0.08)
Tamaulipas	0.49	(0.18)	-1.09	(0.16)	0.18	(0.39)	1.01	(0.23)	1.86	(0.22)	1.14	(0.10)
Tlaxcala	0.33	(0.12)	-1.02	(0.17)	0.07	(0.18)	0.67	(0.19)	1.60	(0.14)	0.98	(0.08)
Veracruz	0.72	(0.13)	-0.72	(0.25)	0.69	(0.20)	1.09	(0.07)	1.81	(0.22)	0.99	(0.10)
Yucatán	0.42	(0.13)	-0.93	(0.19)	0.22	(0.25)	0.85	(0.13)	1.56	(0.15)	0.96	(0.08)
Zacatecas	0.78	(0.15)	-0.67	(0.27)	0.62	(0.16)	1.08	(0.19)	2.09	(0.21)	1.04	(0.11)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.10 for national data.

StatLink <http://dx.doi.org/10.1787/888932957536>

[Part 2/4]

## Index of teacher shortage and mathematics performance, by region


Table B2.IV.6 Results based on school principals' reports

	Index of teacher shortage										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	-0.66	(0.12)	-1.09	(0.00)	-1.09	(0.05)	-0.54	(0.38)	0.09	(0.17)	0.58	(0.07)
<b>Spain</b>												
Andalusia*	-0.82	(0.06)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.11)	-0.01	(0.19)	0.51	(0.06)
Aragon*	-0.90	(0.06)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.00)	-0.34	(0.23)	0.42	(0.07)
Asturias*	-0.89	(0.06)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.01)	-0.30	(0.23)	0.41	(0.06)
Balearic Islands*	-0.71	(0.09)	-1.09	(0.00)	-1.09	(0.00)	-0.91	(0.23)	0.26	(0.17)	0.62	(0.06)
Basque Country*	-0.72	(0.05)	-1.09	(0.00)	-1.09	(0.00)	-0.97	(0.11)	0.27	(0.13)	0.66	(0.08)
Cantabria*	-0.84	(0.07)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.01)	-0.08	(0.28)	0.54	(0.09)
Castile and Leon*	-0.79	(0.07)	-1.09	(0.00)	-1.09	(0.00)	-1.07	(0.17)	0.10	(0.16)	0.57	(0.05)
Catalonia*	-0.42	(0.11)	-1.09	(0.00)	-1.09	(0.07)	-0.21	(0.34)	0.70	(0.12)	0.78	(0.05)
Extremadura*	-0.66	(0.10)	-1.09	(0.00)	-1.09	(0.00)	-0.72	(0.27)	0.27	(0.16)	0.61	(0.06)
Galicia*	-0.58	(0.10)	-1.09	(0.00)	-1.09	(0.00)	-0.68	(0.24)	0.53	(0.22)	0.73	(0.08)
La Rioja*	-0.92	(0.01)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.00)	-0.40	(0.02)	0.45	(0.01)
Madrid*	-0.77	(0.08)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.01)	0.21	(0.33)	0.71	(0.08)
Murcia*	-0.82	(0.09)	-1.09	(0.00)	-1.09	(0.00)	-1.09	(0.00)	0.00	(0.37)	0.61	(0.11)
Navarre*	-0.68	(0.07)	-1.09	(0.00)	-1.09	(0.00)	-0.86	(0.15)	0.32	(0.17)	0.66	(0.06)
<b>United Kingdom</b>												
England	-0.17	(0.07)	-1.09	(0.00)	-0.73	(0.12)	0.18	(0.11)	0.97	(0.10)	0.86	(0.04)
Northern Ireland	-0.53	(0.09)	-1.09	(0.00)	-1.09	(0.00)	-0.75	(0.20)	0.81	(0.23)	0.89	(0.12)
Scotland*	-0.15	(0.09)	-1.09	(0.00)	-0.79	(0.17)	0.10	(0.14)	1.18	(0.11)	0.94	(0.04)
Wales	-0.29	(0.08)	-1.09	(0.00)	-1.06	(0.08)	-0.06	(0.16)	1.04	(0.12)	0.92	(0.05)
<b>United States</b>												
Connecticut*	-0.67	(0.11)	-1.09	(0.00)	-1.09	(0.00)	-0.84	(0.26)	0.36	(0.20)	0.66	(0.07)
Florida*	0.08	(0.14)	-1.09	(0.01)	-0.55	(0.34)	0.59	(0.20)	1.37	(0.15)	1.01	(0.07)
Massachusetts*	-0.62	(0.10)	-1.09	(0.00)	-1.09	(0.00)	-0.82	(0.23)	0.51	(0.21)	0.74	(0.08)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	-0.08	(0.18)	-1.09	(0.00)	-1.03	(0.17)	0.19	(0.37)	1.62	(0.33)	1.20	(0.15)
<b>Brazil</b>												
Acre	0.66	(0.20)	-0.64	(0.32)	0.60	(0.29)	0.98	(0.25)	1.73	(0.16)	0.91	(0.10)
Alagoas	-0.08	(0.25)	-1.09	(0.00)	-0.76	(0.41)	0.38	(0.46)	1.16	(0.20)	0.94	(0.07)
Amapá	-0.09	(0.12)	-1.09	(0.00)	-0.77	(0.24)	0.04	(0.29)	1.47	(0.11)	1.07	(0.07)
Amazonas	0.29	(0.23)	-1.09	(0.10)	-0.31	(0.36)	0.75	(0.49)	1.82	(0.23)	1.17	(0.12)
Bahia	0.91	(0.31)	-0.58	(0.59)	0.59	(0.35)	c	c	2.35	(0.55)	1.18	(0.26)
Ceará	0.32	(0.13)	-1.09	(0.15)	0.15	(0.29)	0.79	(0.17)	1.43	(0.06)	0.96	(0.06)
Espírito Santo	-0.20	(0.08)	-1.09	(0.00)	-0.92	(0.14)	0.12	(0.16)	1.10	(0.16)	0.92	(0.07)
Federal District	-0.07	(0.19)	-1.09	(0.00)	-0.81	(0.23)	0.27	(0.33)	1.34	(0.34)	1.03	(0.11)
Goiás	0.34	(0.22)	-1.07	(0.19)	-0.08	(0.44)	0.82	(0.26)	1.70	(0.27)	1.09	(0.11)
Maranhão	0.81	(0.24)	-0.49	(0.36)	0.65	(0.46)	c	c	1.92	(0.25)	0.95	(0.14)
Mato Grosso	0.38	(0.19)	-0.73	(0.28)	0.13	(0.19)	0.64	(0.14)	1.50	(0.41)	0.89	(0.17)
Mato Grosso do Sul	-0.16	(0.20)	-1.09	(0.00)	-1.09	(0.40)	0.36	(0.38)	1.16	(0.14)	0.99	(0.05)
Minas Gerais	0.35	(0.21)	-1.09	(0.18)	-0.10	(0.40)	0.92	(0.29)	1.68	(0.17)	1.06	(0.09)
Pará	-0.52	(0.15)	-1.09	(0.00)	-1.09	(0.02)	-0.53	(0.26)	0.63	(0.38)	0.78	(0.11)
Paraíba	-0.02	(0.19)	-1.09	(0.14)	-0.33	(0.39)	0.19	(0.17)	1.16	(0.35)	0.88	(0.13)
Paraná	-0.07	(0.20)	-1.09	(0.03)	-0.54	(0.30)	0.26	(0.46)	1.11	(0.16)	0.88	(0.08)
Pernambuco	0.43	(0.20)	-0.64	(0.23)	0.12	(0.10)	0.59	(0.50)	1.66	(0.30)	0.91	(0.14)
Piauí	0.06	(0.21)	-1.09	(0.00)	-0.76	(0.37)	0.54	(0.29)	1.58	(0.37)	1.13	(0.13)
Rio de Janeiro	-0.41	(0.17)	-1.09	(0.00)	-1.09	(0.02)	-0.39	(0.46)	0.94	(0.29)	0.88	(0.10)
Rio Grande do Norte	0.28	(0.24)	-1.09	(0.03)	-0.24	(0.48)	0.85	(0.33)	1.59	(0.25)	1.09	(0.09)
Rio Grande do Sul	0.02	(0.19)	-1.09	(0.00)	-0.47	(0.42)	0.23	(0.17)	1.43	(0.38)	1.02	(0.15)
Rondônia	1.07	(0.16)	0.20	(0.15)	0.89	(0.29)	1.28	(0.12)	1.89	(0.24)	0.68	(0.08)
Roraima	-0.07	(0.18)	-1.09	(0.01)	-0.64	(0.38)	0.23	(0.30)	1.22	(0.15)	0.96	(0.06)
Santa Catarina	0.30	(0.15)	-0.76	(0.26)	0.03	(0.21)	0.61	(0.19)	1.31	(0.21)	0.81	(0.11)
São Paulo	0.25	(0.12)	-1.00	(0.16)	-0.22	(0.12)	0.66	(0.21)	1.54	(0.14)	0.99	(0.06)
Sergipe	0.03	(0.17)	-0.94	(0.21)	-0.34	(0.12)	0.17	(0.34)	1.24	(0.31)	0.85	(0.13)
Tocantins	0.04	(0.16)	-1.09	(0.09)	-0.24	(0.38)	0.32	(0.17)	1.16	(0.24)	0.86	(0.09)
<b>Colombia</b>												
Bogota	0.19	(0.20)	-1.09	(0.00)	-0.59	(0.36)	0.52	(0.21)	1.94	(0.40)	1.27	(0.13)
Cali	0.36	(0.20)	-1.09	(0.00)	-0.81	(0.44)	0.70	(0.21)	2.66	(0.46)	1.61	(0.15)
Manizales	0.05	(0.18)	-1.09	(0.00)	-0.81	(0.40)	0.48	(0.21)	1.62	(0.27)	1.15	(0.10)
Medellin	0.69	(0.24)	-1.09	(0.00)	-0.33	(0.43)	1.35	(0.28)	2.85	(0.41)	1.62	(0.13)
<b>Russian Federation</b>												
Perm Territory region*	0.66	(0.16)	-0.80	(0.20)	0.43	(0.20)	1.09	(0.11)	1.93	(0.28)	1.09	(0.10)
<b>United Arab Emirates</b>												
Abu Dhabi*	0.19	(0.12)	-1.09	(0.00)	-0.68	(0.14)	0.34	(0.16)	2.18	(0.25)	1.39	(0.08)
Ajman	0.13	(0.14)	-1.09	(0.00)	-0.70	(0.38)	0.48	(0.16)	1.84	(0.16)	1.31	(0.07)
Dubai*	0.05	(0.00)	-1.09	(0.00)	-0.95	(0.01)	0.31	(0.01)	1.93	(0.01)	1.34	(0.00)
Fujairah	-0.20	(0.15)	-1.09	(0.00)	-1.09	(0.03)	-0.19	(0.50)	1.60	(0.07)	1.25	(0.03)
Ras Al Khaimah	0.63	(0.35)	-1.09	(0.03)	-0.66	(0.39)	0.87	(0.78)	3.41	(0.46)	1.82	(0.16)
Sharjah	0.13	(0.30)	-1.09	(0.00)	-1.02	(0.32)	0.48	(0.77)	2.15	(0.29)	1.38	(0.12)
Umm Al Quwain	-0.18	(0.01)	-1.09	(0.00)	-0.73	(0.03)	0.17	(0.01)	0.94	(0.02)	0.89	(0.01)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.10 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>



[Part 3/4]

## Index of teacher shortage and mathematics performance, by region


Table B2.IV.6 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
	<b>OECD</b>													
<b>Australia</b>														
Australian capital territory	530	(7.0)	525	(9.2)	500	(8.8)	508	(8.8)	<b>-10.0</b>	(3.7)	<b>0.7</b>	(0.13)	1.1	(0.89)
New South Wales	<b>527</b>	(7.4)	524	(8.6)	500	(8.3)	<b>488</b>	(7.0)	<b>-16.9</b>	(4.1)	<b>0.7</b>	(0.09)	2.6	(1.24)
Northern territory	461	(24.2)	475	(34.9)	450	(22.7)	421	(23.0)	-14.1	(22.0)	0.9	(0.46)	1.0	(3.55)
Queensland	<b>540</b>	(7.4)	502	(6.8)	486	(7.3)	<b>487</b>	(6.5)	<b>-19.7</b>	(2.9)	<b>0.5</b>	(0.09)	5.1	(1.46)
South Australia	<b>501</b>	(8.8)	483	(10.7)	500	(9.4)	<b>474</b>	(8.2)	-7.9	(4.2)	0.7	(0.16)	0.7	(0.84)
Tasmania	483	(8.0)	498	(6.9)	471	(7.1)	466	(8.4)	<b>-9.3</b>	(3.5)	0.8	(0.14)	1.0	(0.77)
Victoria	<b>511</b>	(10.0)	518	(8.2)	493	(10.1)	<b>481</b>	(5.1)	<b>-12.0</b>	(4.6)	0.8	(0.14)	1.5	(1.08)
Western Australia	<b>531</b>	(7.2)	534	(9.2)	518	(11.0)	<b>483</b>	(8.4)	<b>-14.5</b>	(5.1)	<b>0.7</b>	(0.12)	3.1	(1.79)
<b>Belgium</b>														
Flemish community*	544	(10.2)	534	(8.8)	527	(14.7)	524	(13.3)	-7.6	(7.1)	0.8	(0.17)	0.5	(0.76)
French community	<b>529</b>	(7.7)	523	(9.3)	499	(8.3)	<b>488</b>	(7.1)	<b>-16.9</b>	(4.1)	<b>0.7</b>	(0.11)	2.6	(1.24)
German-speaking community	<b>511</b>	(10.1)	518	(8.1)	494	(9.7)	<b>481</b>	(5.1)	<b>-12.0</b>	(4.6)	0.8	(0.14)	1.5	(1.08)
<b>Canada</b>														
Alberta	519	(9.2)	519	(9.6)	520	(7.2)	511	(6.5)	-3.5	(5.3)	1.0	(0.19)	0.1	(0.41)
British Columbia	530	(7.4)	523	(7.6)	524	(8.9)	512	(9.8)	-7.1	(5.6)	0.9	(0.14)	0.5	(0.90)
Manitoba	500	(6.2)	498	(5.9)	488	(10.1)	484	(6.9)	<b>-9.7</b>	(4.8)	0.9	(0.16)	0.8	(0.80)
New Brunswick	503	(6.7)	504	(7.0)	499	(4.9)	503	(5.4)	-2.0	(3.4)	1.1	(0.17)	0.0	(0.17)
Newfoundland and Labrador	<b>503</b>	(7.8)	503	(7.6)	498	(6.9)	<b>456</b>	(11.6)	<b>-23.9</b>	(7.2)	<b>0.7</b>	(0.12)	5.4	(2.60)
Nova Scotia	495	(6.8)	500	(7.0)	503	(15.6)	490	(10.3)	-1.8	(5.0)	1.2	(0.16)	0.0	(0.22)
Ontario	518	(6.9)	519	(6.9)	511	(8.3)	509	(8.6)	-5.5	(7.6)	1.0	(0.12)	0.2	(0.61)
Prince Edward Island	489	(5.1)	c	c	458	(4.5)	490	(5.1)	0.3	(3.6)	1.0	(0.12)	0.0	(0.07)
Quebec	549	(6.6)	532	(9.8)	533	(7.7)	531	(7.4)	-7.4	(4.0)	<b>0.8</b>	(0.11)	0.6	(0.63)
Saskatchewan	<b>495</b>	(5.3)	500	(5.4)	506	(6.5)	<b>522</b>	(8.0)	<b>12.2</b>	(4.4)	1.1	(0.12)	1.3	(0.88)
<b>Italy</b>														
Abruzzo	464	(18.2)	485	(16.8)	488	(12.8)	467	(17.8)	4.6	(11.6)	1.2	(0.35)	0.2	(1.18)
Basilicata	452	(13.4)	448	(18.4)	481	(8.2)	478	(13.6)	<b>15.2</b>	(6.9)	1.2	(0.33)	2.3	(2.02)
Bolzano	506	(5.1)	527	(4.4)	501	(4.2)	498	(3.9)	<b>-7.3</b>	(2.1)	1.1	(0.14)	0.6	(0.34)
Calabria	430	(16.0)	442	(13.2)	425	(12.6)	428	(11.0)	-4.3	(7.9)	1.1	(0.36)	0.2	(0.87)
Campania	450	(17.7)	476	(19.7)	442	(15.1)	455	(24.3)	-0.9	(10.9)	1.1	(0.38)	0.0	(1.08)
Emilia Romagna	525	(16.7)	514	(16.0)	492	(17.9)	486	(22.4)	-17.2	(11.2)	0.6	(0.23)	3.4	(3.81)
Friuli Venezia Giulia	<b>539</b>	(14.7)	546	(11.6)	506	(9.9)	<b>488</b>	(11.7)	<b>-18.1</b>	(6.2)	0.8	(0.20)	3.4	(2.19)
Lazio	504	(19.9)	454	(21.6)	485	(21.9)	474	(12.9)	-9.8	(10.3)	0.6	(0.26)	1.0	(2.23)
Liguria	467	(22.3)	485	(14.8)	510	(17.9)	491	(10.8)	12.4	(8.5)	1.3	(0.40)	1.5	(2.14)
Lombardia	513	(16.4)	529	(14.6)	520	(21.2)	518	(15.1)	-1.2	(12.2)	1.3	(0.37)	0.0	(1.23)
Marche	<b>478</b>	(10.8)	498	(12.0)	499	(22.8)	<b>522</b>	(10.2)	<b>17.4</b>	(6.3)	1.6	(0.37)	2.9	(2.10)
Molise	<b>465</b>	(5.6)	454	(6.9)	475	(7.3)	<b>440</b>	(5.9)	<b>-4.6</b>	(2.3)	<b>0.7</b>	(0.12)	0.3	(0.26)
Piemonte	504	(16.7)	486	(12.5)	511	(20.0)	493	(15.7)	-2.2	(9.9)	0.8	(0.25)	0.1	(0.87)
Puglia	491	(19.0)	454	(16.1)	473	(14.9)	502	(16.2)	4.3	(9.6)	0.9	(0.35)	0.2	(1.22)
Sardegna	459	(16.5)	446	(14.5)	457	(13.0)	485	(19.3)	8.7	(10.8)	1.2	(0.37)	0.9	(2.39)
Sicilia	432	(15.8)	455	(9.5)	459	(11.5)	445	(19.5)	5.0	(9.8)	1.4	(0.40)	0.4	(1.89)
Toscana	486	(24.3)	520	(21.3)	531	(25.9)	451	(17.8)	-8.3	(14.5)	1.2	(0.46)	0.7	(3.07)
Trento	518	(13.8)	533	(12.8)	509	(7.1)	545	(11.7)	8.6	(8.1)	1.1	(0.34)	0.7	(1.51)
Umbria	507	(15.4)	481	(18.1)	485	(15.8)	492	(7.7)	-5.3	(7.7)	<b>0.8</b>	(0.29)	0.3	(1.02)
Valle d'Aosta	<b>467</b>	(5.7)	510	(7.4)	504	(6.1)	<b>493</b>	(6.1)	<b>9.1</b>	(3.6)	<b>1.7</b>	(0.25)	0.7	(0.54)
Veneto	511	(14.6)	528	(13.9)	544	(25.0)	509	(16.8)	8.0	(11.0)	1.1	(0.39)	0.5	(1.51)
<b>Mexico</b>														
Aguascalientes	<b>458</b>	(10.4)	458	(8.4)	415	(16.6)	<b>418</b>	(8.0)	<b>-20.0</b>	(5.9)	0.6	(0.20)	5.2	(2.41)
Baja California	424	(9.9)	416	(14.0)	402	(15.4)	419	(22.0)	-3.3	(7.7)	0.8	(0.15)	0.2	(1.33)
Baja California Sur	425	(13.2)	426	(10.5)	401	(17.6)	405	(7.6)	-10.0	(5.2)	0.8	(0.29)	1.6	(1.81)
Campeche	394	(7.5)	415	(8.8)	389	(9.8)	384	(9.4)	-2.8	(4.9)	1.0	(0.22)	0.1	(0.43)
Chiapas	376	(14.5)	366	(15.2)	389	(14.9)	361	(17.1)	-2.6	(6.6)	0.9	(0.31)	0.2	(0.96)
Chihuahua	435	(8.1)	412	(13.0)	437	(27.3)	430	(22.6)	-2.8	(8.7)	0.8	(0.23)	0.1	(1.40)
Coahuila	442	(21.0)	422	(14.6)	403	(10.7)	406	(13.7)	<b>-14.8</b>	(7.3)	0.6	(0.27)	5.7	(5.74)
Colima	444	(10.9)	439	(9.8)	416	(14.8)	417	(14.6)	-10.4	(6.4)	0.7	(0.22)	1.9	(2.25)
Distrito Federal	<b>453</b>	(13.0)	441	(15.3)	422	(16.8)	<b>395</b>	(11.3)	<b>-17.7</b>	(5.2)	<b>0.5</b>	(0.19)	6.2	(3.34)
Durango	450	(11.2)	420	(10.6)	407	(14.0)	420	(23.3)	<b>-13.6</b>	(6.9)	<b>0.4</b>	(0.18)	3.6	(3.58)
Guanajuato	419	(11.9)	426	(16.0)	404	(17.0)	398	(9.6)	-10.5	(6.5)	0.6	(0.20)	1.5	(1.86)
Guerrero	375	(13.4)	378	(13.1)	366	(12.1)	354	(11.7)	-13.3	(8.0)	0.9	(0.27)	1.7	(2.04)
Hidalgo	<b>434</b>	(10.6)	426	(14.0)	383	(20.6)	<b>387</b>	(14.7)	<b>-17.1</b>	(5.6)	<b>0.4</b>	(0.17)	7.1	(4.40)
Jalisco	455	(12.8)	431	(11.2)	429	(17.2)	425	(11.4)	<b>-12.2</b>	(5.1)	<b>0.5</b>	(0.22)	2.3	(2.08)
Mexico	432	(12.4)	423	(14.7)	404	(11.2)	410	(10.2)	-9.6	(5.1)	0.7	(0.21)	1.9	(2.03)
Morelos	449	(20.3)	417	(17.3)	404	(16.0)	416	(12.9)	-17.6	(10.3)	0.6	(0.25)	4.4	(4.92)
Nayarit	418	(12.4)	420	(11.6)	401	(20.0)	420	(11.7)	-3.4	(6.4)	0.9	(0.24)	0.2	(0.68)
Nuevo León	<b>466</b>	(17.9)	424	(17.3)	450	(17.3)	<b>403</b>	(15.6)	<b>-15.4</b>	(5.4)	<b>0.4</b>	(0.13)	6.0	(4.20)
Puebla	435	(12.0)	417	(11.1)	408	(14.0)	402	(10.9)	<b>-12.5</b>	(5.3)	<b>0.6</b>	(0.18)	2.7	(2.24)
Querétaro	433	(10.9)	437	(11.5)	436	(12.8)	432	(21.1)	-4.1	(6.7)	1.0	(0.24)	0.5	(1.70)
Quintana Roo	418	(16.7)	413	(10.1)	404	(12.8)	407	(8.4)	-7.1	(7.2)	0.9	(0.40)	0.9	(2.02)
San Luis Potosí	429	(23.6)	418	(28.3)	402	(14.3)	399	(10.6)	-12.1	(6.3)	0.7	(0.26)	3.0	(2.44)
Sinaloa	423	(16.9)	411	(10.8)	417	(11.0)	397	(10.8)	-8.4	(7.4)	0.9	(0.35)	1.4	(2.27)
Tabasco	381	(16.9)	379	(13.6)	381	(11.4)	372	(10.3)	-1.6	(8.5)	1.1	(0.33)	0.1	(1.19)
Tamaulipas	423	(13.3)	417	(22.2)	393	(13.1)	411	(20.5)	-9.0	(6.4)	0.6	(0.21)	1.9	(2.69)
Tlaxcala	416	(7.7)	421	(7.2)	400	(17.9)	407	(12.1)	-5.2	(4.9)	1.0	(0.23)	0.5	(0.98)
Veracruz	415	(20.3)	402	(11.8)	398	(12.3)	394	(9.9)	-4.5	(8.0)	1.0	(0.33)	0.4	(1.63)
Yucatán	407	(7.5)	406	(16.0)	404	(13.7)	422	(9.9)	4.3	(3.8)	0.9	(0.21)	0.3	(0.60)
Zacatecas	408	(8.6)	413	(11.8)	402	(10.4)	413	(11.9)	-1.5	(5.2)	1.1	(0.23)	0.1	(0.50)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.10 for national data.

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[Part 4/4]

## Index of teacher shortage and mathematics performance, by region


Table B2.IV.6 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Portugal</b>														
Alentejo	490	(14.3)	491	(14.8)	494	(19.8)	490	(19.5)	-5.2	(18.6)	1.0	(0.23)	0.1	(1.26)
<b>Spain</b>														
Andalusia*	475	(7.0)	476	(8.3)	473	(8.3)	465	(7.8)	-12.0	(7.7)	0.9	(0.19)	0.5	(0.65)
Aragon*	495	(8.3)	495	(10.1)	496	(9.1)	499	(13.9)	-3.4	(22.2)	1.1	(0.19)	0.0	(0.77)
Asturias*	499	(11.4)	494	(11.1)	498	(10.0)	506	(9.6)	5.3	(11.4)	1.0	(0.20)	0.1	(0.31)
Balearic Islands*	476	(8.1)	477	(8.4)	477	(9.1)	470	(10.1)	-5.1	(9.2)	0.9	(0.21)	0.1	(0.51)
Basque Country*	506	(4.7)	502	(4.5)	505	(4.0)	508	(5.9)	2.5	(4.6)	1.1	(0.08)	0.0	(0.20)
Cantabria*	488	(8.2)	492	(7.4)	493	(8.4)	493	(7.0)	-0.6	(9.1)	1.0	(0.14)	0.0	(0.24)
Castile and Leon*	513	(6.6)	508	(7.3)	510	(8.8)	504	(14.9)	1.2	(12.3)	0.9	(0.16)	0.0	(0.58)
Catalonia*	503	(9.3)	503	(9.4)	488	(9.9)	479	(10.7)	-15.5	(6.4)	0.9	(0.15)	2.1	(1.74)
Extremadura*	460	(8.1)	458	(9.3)	466	(13.1)	465	(9.9)	5.1	(7.5)	1.1	(0.18)	0.1	(0.37)
Galicia*	492	(8.4)	493	(8.6)	497	(7.8)	474	(10.3)	-8.6	(6.9)	0.9	(0.18)	0.5	(1.03)
La Rioja*	501	(7.4)	502	(6.7)	503	(8.6)	508	(5.4)	1.9	(4.6)	1.0	(0.27)	0.0	(0.05)
Madrid*	505	(7.1)	507	(7.8)	505	(9.2)	499	(6.8)	-1.2	(4.2)	0.9	(0.17)	0.0	(0.12)
Murcia*	460	(7.4)	458	(10.0)	464	(9.5)	465	(9.3)	4.0	(6.1)	1.1	(0.17)	0.1	(0.27)
Navarre*	516	(6.7)	513	(6.9)	517	(9.1)	521	(5.4)	4.8	(4.5)	1.1	(0.16)	0.1	(0.27)
<b>United Kingdom</b>														
England	<b>520</b>	(6.6)	509	(7.4)	490	(6.7)	<b>468</b>	(11.8)	<b>-22.5</b>	(5.0)	<b>0.7</b>	(0.10)	4.1	(1.74)
Northern Ireland	<b>496</b>	(8.1)	495	(8.8)	490	(9.2)	<b>455</b>	(11.8)	<b>-21.9</b>	(6.0)	0.8	(0.14)	4.5	(2.48)
Scotland*	<b>504</b>	(5.5)	506	(5.8)	499	(7.7)	<b>484</b>	(6.4)	<b>-8.6</b>	(3.6)	0.9	(0.13)	0.9	(0.76)
Wales	468	(4.2)	469	(5.0)	474	(5.4)	464	(5.4)	-0.8	(3.0)	1.0	(0.10)	0.0	(0.14)
<b>United States</b>														
Connecticut*	508	(11.9)	507	(11.5)	508	(12.7)	500	(16.7)	-8.1	(11.6)	1.0	(0.15)	0.3	(1.26)
Florida*	479	(10.5)	483	(12.2)	458	(12.8)	457	(7.1)	<b>-10.3</b>	(4.5)	0.8	(0.14)	1.5	(1.17)
Massachusetts*	517	(11.9)	517	(10.3)	528	(13.5)	492	(16.0)	<b>-19.1</b>	(8.1)	0.9	(0.15)	2.1	(2.03)
<b>Partners</b>														
<b>Argentina</b>														
Ciudad Autónoma de Buenos Aires*	439	(14.6)	437	(14.9)	412	(27.0)	382	(22.7)	-14.6	(9.1)	0.7	(0.27)	3.3	(3.96)
<b>Brazil</b>														
Acre	356	(9.7)	369	(19.4)	356	(13.5)	354	(18.0)	-1.1	(5.9)	1.0	(0.25)	0.0	(0.56)
Alagoas	353	(15.0)	347	(15.3)	348	(12.4)	326	(14.7)	-10.6	(8.7)	1.0	(0.37)	2.0	(3.19)
Amapá	372	(14.4)	370	(19.1)	351	(20.1)	348	(8.6)	-3.8	(4.3)	0.7	(0.26)	0.4	(0.93)
Amazonas	373	(21.4)	358	(10.4)	352	(9.3)	340	(7.4)	<b>-10.5</b>	(5.3)	0.8	(0.33)	3.6	(3.44)
Bahia	392	(36.7)	363	(36.3)	c	c	359	(18.7)	<b>-15.5</b>	(7.3)	0.6	(0.43)	5.2	(7.29)
Ceará	360	(11.6)	403	(21.8)	389	(26.3)	361	(6.6)	1.3	(5.4)	1.2	(0.42)	0.1	(0.43)
Espírito Santo	420	(13.6)	427	(22.5)	412	(21.2)	398	(13.4)	-11.4	(9.0)	1.1	(0.24)	1.5	(2.51)
Federal District	<b>446</b>	(20.4)	419	(16.2)	408	(29.6)	<b>372</b>	(21.2)	<b>-25.3</b>	(11.3)	<b>0.5</b>	(0.22)	9.9	(9.86)
Goiás	406	(19.4)	378	(13.4)	370	(12.2)	362	(13.9)	<b>-16.5</b>	(8.3)	0.9	(0.38)	6.3	(6.08)
Maranhão	356	(35.1)	322	(35.9)	c	c	306	(24.0)	-8.3	(13.4)	0.8	(0.46)	1.1	(3.72)
Mato Grosso	377	(32.1)	374	(22.7)	358	(10.7)	372	(10.6)	-7.7	(12.0)	1.1	(0.37)	0.9	(2.57)
Mato Grosso do Sul	428	(15.0)	426	(17.5)	399	(16.7)	380	(19.4)	<b>-19.4</b>	(8.2)	0.7	(0.22)	6.8	(5.59)
Minas Gerais	<b>445</b>	(18.6)	396	(16.6)	388	(8.7)	<b>394</b>	(10.5)	<b>-16.5</b>	(7.0)	<b>0.5</b>	(0.24)	6.2	(4.98)
Pará	<b>375</b>	(10.7)	374	(13.6)	349	(16.4)	<b>341</b>	(10.4)	<b>-20.9</b>	(5.1)	0.8	(0.22)	5.8	(3.43)
Paraíba	398	(20.7)	426	(13.6)	408	(27.5)	350	(22.0)	-25.3	(14.4)	0.9	(0.42)	7.9	(9.41)
Paraná	370	(9.7)	388	(15.6)	413	(12.4)	442	(53.2)	32.1	(18.5)	1.7	(0.50)	12.1	(11.94)
Pernambuco	359	(16.0)	379	(12.2)	363	(13.8)	352	(12.2)	-4.6	(8.4)	1.5	(0.42)	0.4	(2.06)
Piauí	<b>433</b>	(19.4)	403	(27.0)	333	(17.4)	<b>371</b>	(14.1)	<b>-26.9</b>	(9.1)	<b>0.3</b>	(0.14)	14.1	(6.21)
Rio de Janeiro	395	(12.1)	398	(15.4)	387	(22.8)	367	(21.5)	-11.5	(8.8)	0.8	(0.25)	2.1	(3.62)
Rio Grande do Norte	433	(28.1)	372	(23.2)	348	(9.9)	368	(24.3)	<b>-25.6</b>	(11.0)	<b>0.4</b>	(0.20)	11.0	(8.63)
Rio Grande do Sul	418	(15.5)	413	(11.5)	405	(16.1)	401	(12.1)	-6.9	(6.8)	0.7	(0.30)	1.1	(2.25)
Rondônia	399	(15.0)	376	(15.9)	392	(13.2)	362	(18.1)	-18.9	(10.8)	0.7	(0.28)	4.1	(3.91)
Roraima	366	(15.6)	375	(20.9)	362	(24.8)	344	(9.1)	-7.6	(7.7)	0.9	(0.35)	1.0	(2.21)
Santa Catarina	418	(16.1)	401	(25.5)	418	(21.5)	424	(11.6)	3.5	(8.2)	1.0	(0.48)	0.1	(0.84)
São Paulo	<b>434</b>	(17.7)	399	(11.2)	390	(10.4)	<b>392</b>	(7.1)	<b>-16.3</b>	(6.7)	0.7	(0.21)	4.2	(3.20)
Sergipe	390	(13.8)	404	(24.5)	374	(19.3)	369	(14.6)	-9.2	(9.1)	0.7	(0.25)	1.2	(2.36)
Tocantins	377	(21.5)	351	(13.9)	364	(13.2)	370	(15.4)	3.1	(10.8)	0.8	(0.27)	0.1	(1.53)
<b>Colombia</b>														
Bogota	402	(9.1)	392	(8.8)	392	(8.3)	385	(7.4)	-5.8	(3.1)	0.8	(0.15)	1.3	(1.30)
Cali	399	(11.8)	390	(17.4)	362	(9.6)	374	(11.7)	-5.8	(3.9)	0.7	(0.22)	1.8	(2.20)
Manizales	<b>417</b>	(11.1)	408	(11.0)	411	(18.4)	<b>378</b>	(13.1)	<b>-11.5</b>	(5.1)	<b>0.6</b>	(0.14)	3.4	(3.63)
Medellin	416	(18.7)	390	(12.1)	391	(16.7)	377	(13.4)	-8.4	(4.4)	0.8	(0.23)	2.7	(2.59)
<b>Russian Federation</b>														
Perm Territory region*	512	(19.3)	477	(14.9)	472	(14.3)	478	(12.7)	-6.3	(9.5)	0.7	(0.20)	0.6	(1.77)
<b>United Arab Emirates</b>														
Abu Dhabi*	410	(7.5)	437	(12.9)	429	(12.0)	414	(6.6)	-1.5	(3.0)	1.3	(0.17)	0.1	(0.29)
Ajman	389	(18.7)	393	(12.5)	420	(11.7)	411	(19.7)	7.0	(11.0)	1.4	(0.48)	1.6	(5.10)
Dubai*	<b>484</b>	(2.9)	480	(4.3)	471	(3.0)	<b>425</b>	(3.2)	<b>-20.7</b>	(0.9)	<b>0.7</b>	(0.05)	8.7	(0.77)
Fujairah	413	(13.1)	415	(14.1)	395	(23.7)	422	(19.0)	3.1	(5.1)	1.0	(0.22)	0.2	(0.88)
Ras Al Khaimah	416	(10.6)	427	(12.0)	416	(21.0)	402	(20.9)	-5.0	(3.9)	0.8	(0.21)	1.4	(2.29)
Sharjah	437	(16.0)	443	(14.5)	442	(13.2)	435	(19.0)	-1.5	(5.8)	0.9	(0.20)	0.1	(0.74)
Umm Al Quwain	387	(7.0)	381	(7.6)	426	(10.3)	397	(9.1)	2.4	(3.9)	1.6	(0.34)	0.1	(0.30)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.10 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>




[Part 1/1]  
Teacher professional development, by region

Table B2.IV.7 Results based on school principals' reports

		Principal's report on the percentage of mathematics teachers in the school who have attended a programme of professional development with a focus on mathematics during the previous three months			
		Mean %		S.E.	
OECD	<b>Australia</b>				
	Australian capital territory	10.1	(0.3)		
	New South Wales	16.8	(2.1)		
	Northern territory	15.3	(8.4)		
	Queensland	21.7	(2.2)		
	South Australia	17.6	(2.8)		
	Tasmania	19.6	(0.9)		
	Victoria	14.7	(2.2)		
	Western Australia	10.2	(1.7)		
	<b>Belgium</b>				
	Flemish community*	9.3	(1.3)		
	French community	14.3	(3.1)		
	German-speaking community	6.0	(0.1)		
	<b>Canada</b>				
	Alberta	16.7	(2.9)		
	British Columbia	7.8	(0.9)		
	Manitoba	16.5	(2.0)		
	New Brunswick	16.7	(3.5)		
	Newfoundland and Labrador	18.7	(4.2)		
Nova Scotia	19.4	(3.6)			
Ontario	17.9	(2.8)			
Prince Edward Island	8.7	(0.2)			
Quebec	25.8	(2.5)			
Saskatchewan	14.2	(2.4)			
<b>Italy</b>					
Abruzzo	11.3	(2.1)			
Basilicata	16.8	(4.4)			
Bolzano	9.3	(0.3)			
Calabria	14.3	(3.9)			
Campania	11.6	(2.7)			
Emilia Romagna	9.6	(2.0)			
Friuli Venezia Giulia	11.8	(4.2)			
Lazio	11.7	(2.8)			
Liguria	20.1	(4.4)			
Lombardia	15.2	(3.3)			
Marche	11.6	(2.2)			
Molise	18.8	(0.7)			
Piemonte	13.7	(3.7)			
Puglia	13.5	(3.1)			
Sardegna	8.6	(2.9)			
Sicilia	13.2	(2.3)			
Toscana	8.3	(2.5)			
Trento	27.7	(2.7)			
Umbria	8.1	(1.6)			
Valle d'Aosta	12.7	(0.6)			
Veneto	15.1	(3.8)			
<b>Mexico</b>					
Agua Calientes	21.1	(5.5)			
Baja California	27.8	(5.5)			
Baja California Sur	27.8	(4.4)			
Campeche	21.4	(4.5)			
Chiapas	24.8	(6.7)			
Chihuahua	26.5	(7.9)			
Coahuila	20.8	(4.5)			
Colima	22.8	(2.3)			
Distrito Federal	16.7	(4.3)			
Durango	16.4	(3.5)			
Guanajuato	15.0	(4.6)			
Guerrero	25.8	(4.2)			
Hidalgo	10.3	(3.2)			
Jalisco	26.0	(6.5)			
Mexico	20.3	(5.8)			
Morelos	15.5	(4.0)			
Nayarit	15.7	(4.3)			
Nuevo León	39.4	(7.5)			
Puebla	35.1	(5.4)			
Querétaro	23.6	(4.7)			
Quintana Roo	13.9	(2.9)			
San Luis Potosí	32.5	(8.5)			
Sinaloa	27.6	(7.1)			
Tabasco	12.2	(3.2)			
Tamaulipas	24.2	(5.1)			
Tlaxcala	48.1	(5.6)			
Veracruz	31.3	(6.9)			
Yucatán	31.5	(6.9)			
Zacatecas	25.0	(5.4)			
OECD	<b>Portugal</b>				
	Alentejo	8.4	(3.3)		
	<b>Spain</b>				
	Andalusia*	10.6	(3.3)		
	Aragon*	7.0	(3.8)		
	Asturias*	10.8	(3.2)		
	Balearic Islands*	5.9	(1.8)		
	Basque Country*	9.7	(1.5)		
	Cantabria*	7.3	(2.7)		
	Castile and Leon*	5.1	(1.8)		
	Catalonia*	5.0	(1.9)		
	Extremadura*	2.4	(0.7)		
	Galicia*	7.4	(2.4)		
	La Rioja*	6.9	(0.1)		
	Madrid*	8.7	(2.4)		
	Murcia*	5.2	(1.2)		
	Navarre*	9.9	(3.3)		
	<b>United Kingdom</b>				
	England	15.1	(3.3)		
Northern Ireland	18.6	(3.4)			
Scotland*	13.6	(3.0)			
Wales	24.2	(2.9)			
<b>United States</b>					
Connecticut*	21.8	(4.5)			
Florida*	20.7	(3.5)			
Massachusetts*	14.0	(2.8)			
Partners	<b>Argentina</b>				
	Ciudad Autónoma de Buenos Aires*	13.6	(3.7)		
	<b>Brazil</b>				
	Acre	76.9	(9.1)		
	Alagoas	26.8	(11.2)		
	Amapá	29.4	(11.0)		
	Amazonas	45.3	(7.8)		
	Bahia	28.2	(9.8)		
	Ceará	17.8	(7.8)		
	Espírito Santo	32.5	(5.3)		
	Federal District	25.4	(9.9)		
	Goiás	32.4	(7.6)		
	Maranhão	37.1	(11.7)		
	Mato Grosso	24.5	(8.0)		
	Mato Grosso do Sul	34.1	(8.7)		
	Minas Gerais	31.7	(7.2)		
	Pará	22.2	(9.5)		
	Paraíba	49.0	(13.0)		
	Paraná	68.1	(9.1)		
	Pernambuco	33.8	(9.7)		
	Piauí	12.4	(4.9)		
	Rio de Janeiro	22.2	(7.3)		
	Rio Grande do Norte	21.6	(5.4)		
	Rio Grande do Sul	19.5	(7.2)		
	Rondônia	12.0	(5.8)		
	Roraima	29.8	(7.6)		
	Santa Catarina	12.2	(2.9)		
	São Paulo	23.9	(4.4)		
	Sergipe	14.0	(6.8)		
	Tocantins	13.8	(4.3)		
	<b>Colombia</b>				
	Bogota	20.3	(4.6)		
	Cali	15.3	(4.3)		
Manizales	3.0	(1.4)			
Medellin	10.0	(3.7)			
<b>Russian Federation</b>					
Perm Territory region*	10.4	(1.8)			
<b>United Arab Emirates</b>					
Abu Dhabi*	37.2	(4.1)			
Ajman	60.8	(6.3)			
Dubai*	40.8	(0.3)			
Fujairah	46.7	(5.0)			
Ras Al Khaimah	28.8	(8.8)			
Sharjah	16.7	(7.8)			
Umm Al Quwain	26.5	(0.5)			

\* PISA adjudicated region.

Note: See Table IV.3.12 for national data.

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[Part 1/4]

## Index of quality of physical infrastructure and mathematics performance, by region


Table B2.IV.8 Results based on school principals' reports

	Index of quality of physical infrastructure										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	-0.04	(0.02)	-1.04	(0.02)	-0.51	(0.03)	0.16	(0.03)	1.25	(0.03)	0.89	(0.01)
New South Wales	-0.02	(0.08)	-1.29	(0.10)	-0.37	(0.09)	0.29	(0.13)	1.29	(0.07)	0.98	(0.04)
Northern territory	-0.01	(0.14)	-1.26	(0.11)	-0.49	(0.07)	0.42	(0.47)	<b>c</b>	<b>c</b>	1.01	(0.06)
Queensland	0.39	(0.08)	-0.89	(0.10)	0.11	(0.16)	1.03	(0.14)	1.31	(0.00)	0.93	(0.05)
South Australia	0.14	(0.08)	-0.84	(0.13)	-0.14	(0.09)	0.37	(0.08)	1.15	(0.14)	0.79	(0.05)
Tasmania	0.12	(0.03)	-0.90	(0.02)	-0.25	(0.01)	0.32	(0.11)	1.31	(0.01)	0.84	(0.02)
Victoria	0.21	(0.08)	-1.05	(0.13)	-0.15	(0.10)	0.75	(0.19)	1.31	(0.00)	0.97	(0.06)
Western Australia	0.27	(0.09)	-0.86	(0.13)	-0.15	(0.10)	0.78	(0.21)	1.31	(0.00)	0.89	(0.05)
<b>Belgium</b>												
Flemish community*	-0.04	(0.08)	-1.20	(0.11)	-0.44	(0.09)	0.18	(0.12)	1.29	(0.10)	0.97	(0.05)
French community	-0.02	(0.08)	-1.29	(0.10)	-0.37	(0.09)	0.29	(0.13)	1.29	(0.07)	0.98	(0.04)
German-speaking community	0.21	(0.08)	-1.05	(0.13)	-0.15	(0.10)	0.75	(0.19)	1.31	(0.00)	0.97	(0.06)
<b>Canada</b>												
Alberta	0.42	(0.08)	-0.66	(0.12)	0.10	(0.12)	0.96	(0.15)	1.31	(0.00)	0.83	(0.05)
British Columbia	0.32	(0.10)	-0.75	(0.12)	-0.08	(0.15)	0.80	(0.21)	1.31	(0.00)	0.84	(0.05)
Manitoba	0.07	(0.06)	-1.03	(0.06)	-0.23	(0.05)	0.31	(0.08)	1.21	(0.10)	0.89	(0.03)
New Brunswick	0.09	(0.05)	-0.89	(0.04)	-0.14	(0.02)	0.28	(0.04)	1.10	(0.10)	0.83	(0.02)
Newfoundland and Labrador	0.51	(0.08)	-0.80	(0.11)	0.27	(0.16)	1.26	(0.12)	1.31	(0.00)	0.92	(0.04)
Nova Scotia	0.34	(0.07)	-0.76	(0.12)	0.05	(0.07)	0.79	(0.27)	1.31	(0.00)	0.84	(0.06)
Ontario	0.26	(0.09)	-0.87	(0.13)	-0.06	(0.11)	0.66	(0.22)	1.31	(0.00)	0.88	(0.07)
Prince Edward Island	-0.03	(0.01)	-0.55	(0.02)	-0.17	(0.00)	-0.12	(0.00)	0.73	(0.01)	0.65	(0.01)
Quebec	0.39	(0.06)	-0.72	(0.10)	0.07	(0.11)	0.90	(0.11)	1.31	(0.00)	0.85	(0.04)
Saskatchewan	0.52	(0.05)	-0.50	(0.03)	0.18	(0.09)	1.11	(0.10)	1.31	(0.00)	0.77	(0.01)
<b>Italy</b>												
Abruzzo	-0.36	(0.17)	-1.94	(0.30)	-0.63	(0.14)	0.02	(0.22)	1.11	(0.20)	1.18	(0.12)
Basilicata	-0.08	(0.09)	-1.42	(0.22)	-0.45	(0.09)	0.26	(0.17)	1.31	(0.06)	1.07	(0.10)
Bolzano	0.23	(0.02)	-1.04	(0.02)	-0.02	(0.02)	0.68	(0.05)	1.31	(0.00)	0.91	(0.01)
Calabria	-0.43	(0.16)	-2.08	(0.28)	-0.82	(0.13)	-0.01	(0.27)	1.19	(0.18)	1.25	(0.12)
Campania	-0.49	(0.16)	-1.82	(0.24)	-0.77	(0.12)	-0.22	(0.20)	0.84	(0.28)	1.04	(0.11)
Emilia Romagna	-0.23	(0.16)	-1.30	(0.12)	-0.64	(0.20)	-0.10	(0.17)	1.11	(0.25)	0.92	(0.07)
Friuli Venezia Giulia	-0.48	(0.09)	-1.51	(0.10)	-0.70	(0.09)	-0.30	(0.07)	0.59	(0.25)	0.86	(0.08)
Lazio	-0.53	(0.16)	-1.81	(0.18)	-0.74	(0.21)	-0.30	(0.16)	0.75	(0.26)	1.00	(0.09)
Liguria	-0.66	(0.13)	-2.00	(0.13)	-1.06	(0.19)	-0.33	(0.18)	0.76	(0.19)	1.08	(0.08)
Lombardia	0.04	(0.12)	-1.28	(0.19)	-0.28	(0.21)	0.44	(0.25)	1.31	(0.03)	0.98	(0.08)
Marche	-0.16	(0.08)	-1.06	(0.16)	-0.21	(0.06)	0.04	(0.09)	0.61	(0.15)	0.68	(0.07)
Molise	-0.41	(0.02)	-1.83	(0.04)	-0.73	(0.02)	-0.07	(0.02)	0.99	(0.03)	1.12	(0.01)
Piemonte	-0.04	(0.10)	-1.23	(0.14)	-0.44	(0.16)	0.28	(0.14)	1.25	(0.12)	0.95	(0.06)
Puglia	-0.68	(0.15)	-2.13	(0.18)	-1.06	(0.24)	-0.23	(0.16)	0.69	(0.21)	1.11	(0.09)
Sardegna	-0.15	(0.12)	-1.34	(0.13)	-0.52	(0.12)	0.01	(0.19)	1.24	(0.21)	0.99	(0.09)
Sicilia	-0.42	(0.15)	-1.74	(0.26)	-0.72	(0.21)	-0.08	(0.12)	0.86	(0.21)	1.04	(0.11)
Toscana	-0.52	(0.15)	-1.78	(0.31)	-0.63	(0.20)	-0.17	(0.07)	0.51	(0.23)	0.95	(0.12)
Trento	0.02	(0.07)	-1.09	(0.12)	-0.31	(0.06)	0.16	(0.17)	1.31	(0.08)	0.93	(0.05)
Umbria	-0.49	(0.12)	-2.03	(0.08)	-0.71	(0.14)	-0.15	(0.15)	0.95	(0.20)	1.17	(0.05)
Valle d'Aosta	0.13	(0.02)	-1.11	(0.03)	0.00	(0.04)	0.56	(0.00)	1.10	(0.02)	0.89	(0.01)
Veneto	-0.40	(0.12)	-1.52	(0.16)	-0.73	(0.15)	-0.27	(0.17)	0.94	(0.19)	0.96	(0.09)
<b>Mexico</b>												
Agascalientes	-0.27	(0.16)	-1.56	(0.22)	-0.67	(0.17)	0.02	(0.18)	1.13	(0.18)	1.04	(0.08)
Baja California	-0.40	(0.15)	-1.46	(0.23)	-0.77	(0.18)	-0.19	(0.20)	0.83	(0.17)	0.91	(0.09)
Baja California Sur	-0.32	(0.15)	-1.74	(0.23)	-0.51	(0.22)	0.04	(0.19)	0.94	(0.13)	1.05	(0.10)
Campeche	-0.43	(0.20)	-1.85	(0.22)	-0.78	(0.37)	0.03	(0.23)	0.90	(0.18)	1.07	(0.11)
Chiapas	-0.89	(0.19)	-2.30	(0.28)	-1.10	(0.24)	-0.63	(0.16)	0.47	(0.27)	1.06	(0.11)
Chihuahua	-0.30	(0.14)	-1.30	(0.20)	-0.55	(0.19)	-0.17	(0.14)	0.85	(0.29)	0.85	(0.12)
Coahuila	-0.11	(0.13)	-1.20	(0.18)	-0.44	(0.14)	0.19	(0.24)	1.02	(0.16)	0.87	(0.09)
Colima	-0.03	(0.13)	-1.30	(0.25)	-0.19	(0.08)	0.18	(0.17)	1.18	(0.12)	1.01	(0.08)
Distrito Federal	0.01	(0.17)	-1.22	(0.22)	-0.38	(0.24)	0.36	(0.43)	1.31	(0.03)	1.04	(0.10)
Durango	-0.73	(0.17)	-1.89	(0.21)	-1.14	(0.27)	-0.37	(0.18)	0.46	(0.18)	0.94	(0.09)
Guanajuato	-0.62	(0.10)	-1.58	(0.11)	-0.96	(0.14)	-0.39	(0.17)	0.44	(0.16)	0.83	(0.07)
Guerrero	-0.74	(0.14)	-2.15	(0.25)	-1.07	(0.11)	-0.33	(0.20)	0.58	(0.19)	1.08	(0.10)
Hidalgo	-0.36	(0.11)	-1.55	(0.17)	-0.72	(0.16)	-0.05	(0.22)	0.89	(0.16)	0.95	(0.10)
Jalisco	-0.51	(0.12)	-1.61	(0.27)	-0.60	(0.18)	-0.17	(0.09)	0.33	(0.12)	0.81	(0.11)
Mexico	-0.10	(0.23)	-1.73	(0.42)	-0.43	(0.20)	0.44	(0.39)	1.31	(0.09)	1.22	(0.14)
Morelos	-0.66	(0.20)	-2.30	(0.44)	-0.92	(0.15)	-0.22	(0.18)	0.83	(0.29)	1.21	(0.14)
Nayarit	-0.76	(0.14)	-1.98	(0.17)	-0.98	(0.10)	-0.61	(0.13)	0.55	(0.32)	1.00	(0.11)
Nuevo León	0.10	(0.21)	-1.51	(0.38)	-0.26	(0.29)	0.85	(0.31)	1.31	(0.00)	1.18	(0.15)
Puebla	-0.41	(0.12)	-1.54	(0.17)	-0.79	(0.21)	-0.09	(0.14)	0.79	(0.19)	0.95	(0.09)
Querétaro	-0.60	(0.20)	-1.95	(0.39)	-0.79	(0.18)	-0.32	(0.24)	0.66	(0.21)	1.01	(0.12)
Quintana Roo	-0.24	(0.11)	-1.29	(0.11)	-0.49	(0.19)	-0.03	(0.14)	0.86	(0.14)	0.84	(0.06)
San Luis Potosí	-0.52	(0.18)	-1.82	(0.27)	-0.94	(0.16)	-0.20	(0.20)	0.88	(0.22)	1.07	(0.06)
Sinaloa	-0.29	(0.15)	-1.19	(0.13)	-0.66	(0.15)	-0.08	(0.18)	0.76	(0.24)	0.77	(0.07)
Tabasco	-0.71	(0.15)	-1.91	(0.24)	-1.07	(0.12)	-0.42	(0.19)	0.58	(0.28)	1.00	(0.12)
Tamaulipas	-0.21	(0.15)	-1.53	(0.33)	-0.54	(0.18)	-0.04	(0.30)	1.29	(0.12)	1.08	(0.14)
Tlaxcala	-0.07	(0.13)	-1.13	(0.19)	-0.26	(0.12)	-0.03	(0.14)	1.12	(0.22)	0.85	(0.08)
Veracruz	-0.66	(0.12)	-1.83	(0.26)	-0.90	(0.10)	-0.34	(0.19)	0.43	(0.11)	0.89	(0.10)
Yucatán	-0.45	(0.13)	-1.78	(0.16)	-0.75	(0.16)	-0.10	(0.18)	0.87	(0.22)	1.05	(0.08)
Zacatecas	-0.77	(0.16)	-1.98	(0.13)	-1.17	(0.22)	-0.38	(0.20)	0.45	(0.25)	1.00	(0.08)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.14 for national data.

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[Part 2/4]


## Index of quality of physical infrastructure and mathematics performance, by region

Table B2.IV.8 Results based on school principals' reports

	Index of quality of physical infrastructure										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	0.18	(0.24)	-0.73	(0.15)	-0.32	(0.24)	0.48	(0.61)	1.31	(0.11)	0.82	(0.07)
<b>Spain</b>												
Andalusia*	-0.17	(0.15)	-1.52	(0.30)	-0.40	(0.14)	0.20	(0.14)	1.03	(0.16)	1.03	(0.12)
Aragon*	0.13	(0.13)	-1.00	(0.18)	-0.30	(0.16)	0.51	(0.30)	1.31	(0.03)	0.91	(0.07)
Asturias*	0.13	(0.10)	-1.06	(0.17)	-0.09	(0.14)	0.37	(0.16)	1.28	(0.12)	0.89	(0.08)
Balearic Islands*	-0.35	(0.11)	-1.52	(0.19)	-0.74	(0.15)	-0.03	(0.14)	0.88	(0.16)	0.95	(0.10)
Basque Country*	0.21	(0.07)	-1.05	(0.10)	-0.11	(0.07)	0.68	(0.16)	1.31	(0.00)	0.94	(0.04)
Cantabria*	0.04	(0.12)	-1.01	(0.20)	-0.31	(0.08)	0.20	(0.22)	1.27	(0.12)	0.89	(0.07)
Castile and Leon*	0.12	(0.12)	-1.38	(0.26)	-0.11	(0.14)	0.66	(0.22)	1.31	(0.00)	1.08	(0.10)
Catalonia*	0.19	(0.14)	-0.92	(0.17)	-0.33	(0.15)	0.72	(0.35)	1.31	(0.00)	0.94	(0.06)
Extremadura*	0.08	(0.17)	-1.74	(0.24)	-0.24	(0.29)	1.02	(0.24)	1.31	(0.00)	1.27	(0.09)
Galicia*	0.07	(0.14)	-1.21	(0.18)	-0.26	(0.21)	0.43	(0.29)	1.31	(0.03)	0.98	(0.07)
La Rioja*	0.13	(0.01)	-1.24	(0.02)	-0.03	(0.01)	0.48	(0.01)	1.31	(0.00)	0.96	(0.01)
Madrid*	0.30	(0.12)	-0.79	(0.23)	-0.02	(0.12)	0.70	(0.29)	1.31	(0.00)	0.88	(0.12)
Murcia*	0.01	(0.14)	-1.51	(0.24)	-0.41	(0.16)	0.67	(0.30)	1.31	(0.00)	1.14	(0.09)
Navarre*	0.05	(0.09)	-1.43	(0.20)	-0.28	(0.12)	0.61	(0.19)	1.31	(0.00)	1.11	(0.09)
<b>United Kingdom</b>												
England	0.04	(0.09)	-1.37	(0.12)	-0.33	(0.13)	0.56	(0.17)	1.31	(0.00)	1.07	(0.05)
Northern Ireland	-0.28	(0.14)	-1.89	(0.27)	-0.59	(0.12)	0.11	(0.21)	1.26	(0.13)	1.21	(0.09)
Scotland*	0.36	(0.08)	-0.84	(0.15)	0.01	(0.09)	0.96	(0.14)	1.31	(0.00)	0.91	(0.06)
Wales	-0.25	(0.09)	-1.52	(0.16)	-0.56	(0.07)	0.04	(0.12)	1.02	(0.10)	1.00	(0.06)
<b>United States</b>												
Connecticut*	0.39	(0.11)	-0.67	(0.18)	0.11	(0.08)	0.79	(0.32)	1.31	(0.00)	0.82	(0.07)
Florida*	0.44	(0.16)	-0.81	(0.25)	0.20	(0.23)	1.06	(0.25)	1.31	(0.00)	0.89	(0.08)
Massachusetts*	0.07	(0.14)	-1.09	(0.22)	-0.29	(0.14)	0.36	(0.25)	1.31	(0.09)	0.95	(0.09)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	0.07	(0.12)	-1.53	(0.20)	-0.47	(0.19)	0.98	(0.26)	1.31	(0.00)	1.20	(0.09)
<b>Brazil</b>												
Acre	-1.01	(0.12)	-1.78	(0.11)	-1.40	(0.16)	-0.85	(0.27)	-0.01	(0.08)	0.77	(0.05)
Alagoas	-0.29	(0.21)	-1.29	(0.26)	-0.73	(0.16)	-0.25	(0.33)	1.14	(0.14)	0.96	(0.14)
Amapá	-0.90	(0.08)	-2.07	(0.16)	-1.21	(0.14)	-0.81	(0.13)	0.52	(0.41)	1.05	(0.07)
Amazonas	-0.41	(0.21)	-1.72	(0.38)	-0.73	(0.26)	-0.10	(0.32)	0.94	(0.24)	1.05	(0.16)
Bahia	-0.66	(0.30)	-2.43	(0.50)	-0.95	(0.44)	-0.11	(0.46)	c	c	1.28	(0.18)
Ceará	-0.60	(0.16)	-1.78	(0.24)	-0.90	(0.15)	-0.34	(0.28)	0.65	(0.32)	0.98	(0.14)
Espírito Santo	-0.43	(0.21)	-1.63	(0.47)	-0.61	(0.11)	-0.33	(0.19)	0.87	(0.46)	1.02	(0.20)
Federal District	-0.20	(0.18)	-1.51	(0.35)	-0.40	(0.15)	0.04	(0.19)	1.06	(0.42)	1.00	(0.19)
Goiás	-0.53	(0.21)	-2.23	(0.47)	-0.62	(0.28)	-0.14	(0.15)	0.90	(0.24)	1.19	(0.16)
Maranhão	-1.11	(0.26)	-2.24	(0.33)	-1.52	(0.19)	-0.99	(0.37)	0.30	(0.40)	0.98	(0.15)
Mato Grosso	-0.66	(0.23)	-2.02	(0.35)	-0.86	(0.31)	-0.22	(0.25)	0.49	(0.20)	1.00	(0.13)
Mato Grosso do Sul	-0.52	(0.19)	-1.72	(0.22)	-0.96	(0.34)	-0.22	(0.15)	0.84	(0.32)	1.03	(0.12)
Minas Gerais	-0.40	(0.15)	-1.95	(0.23)	-0.84	(0.30)	0.04	(0.19)	1.13	(0.13)	1.19	(0.10)
Pará	-0.76	(0.18)	-2.34	(0.20)	-1.49	(0.34)	-0.49	(0.37)	c	c	1.42	(0.09)
Paraíba	0.08	(0.22)	-1.57	(0.27)	-0.43	(0.31)	1.02	(0.50)	1.31	(0.00)	1.24	(0.11)
Paraná	-0.63	(0.24)	-1.92	(0.28)	-1.20	(0.23)	-0.30	(0.26)	0.90	(0.37)	1.12	(0.12)
Pernambuco	-0.71	(0.25)	-2.14	(0.50)	-0.91	(0.22)	-0.40	(0.29)	0.61	(0.36)	1.09	(0.18)
Piauí	-0.60	(0.22)	-2.13	(0.29)	-1.21	(0.26)	-0.18	(0.48)	1.14	(0.17)	1.27	(0.12)
Rio de Janeiro	0.23	(0.25)	-1.22	(0.34)	-0.29	(0.41)	1.16	(0.44)	1.31	(0.00)	1.12	(0.13)
Rio Grande do Norte	-0.35	(0.19)	-1.90	(0.14)	-0.92	(0.40)	0.17	(0.33)	1.27	(0.17)	1.22	(0.11)
Rio Grande do Sul	-0.34	(0.21)	-1.64	(0.31)	-0.75	(0.29)	-0.07	(0.23)	1.10	(0.28)	1.08	(0.14)
Rondônia	-0.92	(0.20)	-2.01	(0.27)	-1.12	(0.28)	-0.57	(0.18)	0.01	(0.27)	0.83	(0.12)
Roraima	-0.71	(0.23)	-2.18	(0.31)	-1.01	(0.33)	-0.25	(0.29)	0.60	(0.29)	1.10	(0.14)
Santa Catarina	-0.50	(0.25)	-1.94	(0.31)	-1.10	(0.34)	0.06	(0.37)	1.02	(0.27)	1.19	(0.15)
São Paulo	-0.06	(0.10)	-1.45	(0.17)	-0.43	(0.15)	0.39	(0.16)	1.28	(0.12)	1.05	(0.09)
Sergipe	-0.55	(0.22)	-1.92	(0.34)	-0.89	(0.48)	0.00	(0.20)	0.63	(0.21)	1.06	(0.15)
Tocantins	-0.75	(0.17)	-1.93	(0.24)	-0.88	(0.27)	-0.59	(0.11)	0.40	(0.30)	0.94	(0.11)
<b>Colombia</b>												
Bogota	-0.37	(0.15)	-1.75	(0.28)	-0.48	(0.23)	-0.01	(0.14)	0.74	(0.14)	0.99	(0.10)
Cali	-0.36	(0.20)	-2.47	(0.28)	-0.80	(0.35)	0.55	(0.35)	1.31	(0.02)	1.49	(0.12)
Manizales	-0.14	(0.19)	-2.19	(0.35)	-0.35	(0.29)	0.68	(0.27)	1.31	(0.04)	1.37	(0.13)
Medellin	-0.39	(0.16)	-2.01	(0.16)	-0.91	(0.27)	0.13	(0.23)	1.23	(0.16)	1.26	(0.08)
<b>Russian Federation</b>												
Perm Territory region*	0.21	(0.15)	-1.04	(0.22)	-0.12	(0.17)	0.70	(0.31)	1.31	(0.00)	0.96	(0.09)
<b>United Arab Emirates</b>												
Abu Dhabi*	-0.02	(0.10)	-1.72	(0.17)	-0.35	(0.15)	0.71	(0.17)	1.31	(0.00)	1.23	(0.06)
Ajman	0.11	(0.17)	-1.67	(0.23)	-0.18	(0.23)	0.99	(0.36)	1.31	(0.00)	1.22	(0.07)
Dubai*	0.37	(0.00)	-1.28	(0.01)	0.25	(0.01)	1.22	(0.01)	1.31	(0.00)	1.13	(0.00)
Fujairah	0.17	(0.15)	-1.12	(0.14)	-0.22	(0.26)	0.74	(0.28)	1.31	(0.02)	0.97	(0.06)
Ras Al Khaimah	-0.04	(0.20)	-1.48	(0.45)	-0.25	(0.15)	0.38	(0.25)	1.20	(0.19)	1.08	(0.16)
Sharjah	0.20	(0.16)	-1.32	(0.34)	-0.18	(0.31)	1.02	(0.28)	1.31	(0.00)	1.13	(0.15)
Umm Al Quwain	-0.32	(0.01)	-2.15	(0.02)	c	c	0.16	(0.02)	c	c	1.34	(0.00)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table IV.3.14 for national data.

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[Part 3/4]

## Index of quality of physical infrastructure and mathematics performance, by region


Table B2.IV.8 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Australia</b>														
Australian capital territory	515	(9.8)	513	(11.6)	498	(9.5)	545	(9.1)	<b>13.1</b>	(4.3)	1.2	(0.20)	1.4	(0.91)
New South Wales	<b>508</b>	(10.9)	504	(11.4)	514	(10.0)	<b>516</b>	(7.1)	2.8	(5.6)	1.2	(0.16)	0.1	(0.39)
Northern territory	401	(30.5)	481	(28.9)	429	(24.3)	c	c	19.3	(10.4)	1.4	(0.56)	3.0	(2.95)
Queensland	<b>481</b>	(7.1)	505	(9.3)	510	(7.9)	<b>519</b>	(6.8)	<b>14.6</b>	(3.2)	<b>1.4</b>	(0.17)	2.1	(0.93)
South Australia	<b>467</b>	(7.3)	485	(11.6)	497	(9.8)	<b>501</b>	(9.8)	<b>15.7</b>	(5.1)	<b>1.4</b>	(0.19)	1.9	(1.28)
Tasmania	464	(7.0)	471	(7.7)	517	(7.5)	468	(7.8)	6.1	(4.0)	1.2	(0.17)	0.3	(0.41)
Victoria	<b>486</b>	(6.7)	496	(11.7)	512	(7.4)	<b>517</b>	(8.4)	<b>13.4</b>	(4.2)	<b>1.4</b>	(0.18)	2.0	(1.28)
Western Australia	<b>500</b>	(6.2)	512	(9.8)	533	(10.1)	<b>526</b>	(8.8)	<b>11.0</b>	(4.4)	1.3	(0.20)	1.1	(0.83)
<b>Belgium</b>														
Flemish community*	525	(10.4)	528	(13.0)	536	(12.8)	543	(12.1)	4.6	(7.1)	1.0	(0.20)	0.2	(0.73)
French community	<b>507</b>	(10.9)	504	(11.6)	514	(9.5)	<b>517</b>	(7.1)	2.8	(5.6)	1.2	(0.16)	0.1	(0.39)
German-speaking community	<b>486</b>	(7.0)	497	(11.7)	510	(6.7)	<b>517</b>	(8.4)	<b>13.4</b>	(4.2)	<b>1.4</b>	(0.19)	2.0	(1.28)
<b>Canada</b>														
Alberta	521	(10.6)	508	(9.5)	519	(9.6)	521	(8.2)	-1.3	(6.5)	1.0	(0.16)	0.0	(0.33)
British Columbia	519	(7.4)	523	(9.5)	517	(8.2)	529	(9.4)	1.3	(4.8)	1.0	(0.17)	0.0	(0.29)
Manitoba	499	(7.5)	502	(5.7)	487	(9.6)	481	(9.5)	-8.6	(4.7)	0.8	(0.15)	0.7	(0.85)
New Brunswick	511	(6.5)	509	(7.5)	499	(5.1)	490	(6.2)	-3.8	(3.4)	0.9	(0.18)	0.2	(0.29)
Newfoundland and Labrador	<b>496</b>	(10.1)	488	(10.1)	491	(13.2)	<b>485</b>	(11.4)	-4.2	(7.5)	0.8	(0.22)	0.2	(0.78)
Nova Scotia	513	(5.3)	486	(11.7)	494	(10.0)	496	(6.8)	-6.9	(3.6)	<b>0.7</b>	(0.10)	0.5	(0.56)
Ontario	519	(9.4)	511	(9.8)	514	(6.7)	514	(6.7)	-0.6	(4.6)	0.9	(0.15)	0.0	(0.19)
Prince Edward Island	488	(5.6)	486	(5.3)	481	(7.3)	470	(5.5)	-3.6	(3.6)	0.9	(0.14)	0.1	(0.18)
Quebec	527	(7.0)	544	(9.2)	538	(7.0)	535	(7.7)	2.6	(4.4)	1.2	(0.16)	0.1	(0.25)
Saskatchewan	<b>505</b>	(4.6)	508	(8.7)	503	(6.3)	<b>508</b>	(7.5)	0.0	(3.3)	1.0	(0.12)	0.0	(0.08)
<b>Italy</b>														
Abruzzo	474	(16.9)	496	(14.3)	462	(17.5)	470	(28.7)	-1.4	(8.7)	1.1	(0.33)	0.0	(0.96)
Basilicata	470	(8.4)	460	(13.2)	466	(17.1)	462	(13.4)	2.3	(5.2)	1.1	(0.21)	0.1	(0.51)
Bolzano	505	(3.7)	501	(4.8)	524	(4.4)	501	(5.5)	1.2	(2.4)	1.0	(0.10)	0.0	(0.08)
Calabria	406	(19.7)	444	(17.0)	424	(24.2)	451	(16.0)	<b>14.3</b>	(6.5)	1.6	(0.59)	4.0	(3.57)
Campania	460	(20.8)	453	(25.4)	449	(15.4)	462	(19.6)	3.6	(9.1)	0.9	(0.31)	0.2	(1.25)
Emilia Romagna	523	(20.9)	492	(20.7)	491	(22.2)	510	(17.0)	-4.1	(13.2)	0.8	(0.32)	0.2	(1.70)
Friuli Venezia Giulia	<b>513</b>	(19.9)	539	(16.8)	533	(14.3)	<b>493</b>	(15.2)	-11.8	(8.2)	1.1	(0.47)	1.3	(1.91)
Lazio	482	(18.9)	483	(26.8)	469	(22.1)	482	(20.7)	-2.6	(11.5)	0.9	(0.33)	0.1	(1.51)
Liguria	494	(15.9)	485	(15.5)	481	(12.2)	493	(20.9)	-1.8	(8.8)	1.0	(0.32)	0.1	(0.99)
Lombardia	500	(16.3)	530	(17.8)	519	(20.4)	531	(13.4)	10.7	(7.0)	1.4	(0.46)	1.5	(2.10)
Marche	<b>512</b>	(11.7)	516	(15.0)	507	(11.0)	<b>463</b>	(20.8)	<b>-22.0</b>	(11.2)	0.7	(0.20)	3.1	(2.88)
Molise	<b>441</b>	(5.7)	453	(5.0)	474	(7.2)	<b>467</b>	(5.3)	<b>10.7</b>	(2.3)	<b>1.4</b>	(0.19)	2.0	(0.84)
Piemonte	508	(17.4)	515	(15.8)	488	(17.8)	482	(8.8)	-12.1	(7.3)	0.8	(0.27)	1.7	(2.01)
Puglia	476	(16.8)	488	(18.5)	470	(15.2)	486	(17.8)	0.3	(6.9)	1.0	(0.23)	0.0	(0.58)
Sardegna	444	(13.9)	458	(14.7)	457	(12.8)	480	(13.5)	<b>15.0</b>	(7.3)	1.4	(0.30)	3.0	(3.09)
Sicilia	444	(18.2)	444	(10.6)	441	(14.3)	463	(12.2)	2.6	(9.0)	1.3	(0.44)	0.1	(1.20)
Toscana	484	(20.2)	492	(19.3)	511	(14.8)	501	(13.9)	2.5	(9.0)	1.3	(0.49)	0.1	(0.70)
Trento	521	(10.8)	524	(14.0)	526	(12.9)	536	(10.9)	4.1	(5.0)	1.1	(0.31)	0.2	(0.57)
Umbria	508	(12.6)	497	(11.4)	481	(25.4)	479	(28.2)	-13.1	(7.0)	0.7	(0.25)	3.0	(3.08)
Valle d'Aosta	<b>538</b>	(5.8)	450	(6.9)	504	(6.3)	<b>482</b>	(5.5)	<b>-25.3</b>	(2.9)	<b>0.5</b>	(0.13)	6.7	(1.46)
Veneto	500	(20.7)	513	(32.0)	548	(21.2)	530	(13.1)	7.0	(8.5)	1.8	(0.47)	0.5	(1.41)
<b>Mexico</b>														
Aguascalientes	<b>402</b>	(17.8)	430	(10.0)	447	(14.7)	<b>469</b>	(10.4)	<b>25.2</b>	(5.0)	<b>2.4</b>	(0.54)	12.9	(4.42)
Baja California	390	(5.1)	421	(11.7)	429	(16.4)	429	(10.9)	<b>15.5</b>	(4.9)	1.9	(0.47)	3.8	(2.80)
Baja California Sur	398	(15.1)	423	(8.4)	406	(13.3)	427	(9.5)	<b>9.5</b>	(4.1)	1.3	(0.30)	1.9	(1.66)
Campeche	376	(12.8)	389	(17.7)	408	(14.4)	409	(9.7)	<b>14.4</b>	(5.1)	1.7	(0.42)	4.7	(3.36)
Chiapas	363	(12.6)	361	(20.3)	388	(13.1)	379	(15.0)	9.9	(6.3)	1.0	(0.28)	2.0	(2.59)
Chihuahua	407	(13.2)	445	(25.6)	418	(21.0)	443	(14.0)	8.3	(8.5)	1.5	(0.48)	0.8	(1.83)
Coahuila	401	(13.2)	406	(14.7)	426	(13.3)	441	(22.9)	<b>19.6</b>	(9.6)	1.6	(0.44)	5.7	(5.64)
Colima	419	(12.3)	398	(14.3)	437	(13.2)	464	(13.5)	<b>15.8</b>	(6.8)	1.1	(0.30)	4.3	(3.27)
Distrito Federal	<b>411</b>	(8.6)	429	(16.5)	440	(12.9)	<b>432</b>	(18.3)	6.2	(9.5)	1.4	(0.47)	0.8	(3.38)
Durango	419	(23.6)	402	(9.1)	421	(12.3)	455	(11.0)	15.7	(8.8)	1.2	(0.47)	4.1	(4.45)
Guanajuato	374	(15.9)	415	(13.5)	426	(11.0)	431	(10.5)	<b>21.6</b>	(8.4)	<b>2.4</b>	(0.64)	5.7	(3.85)
Guerrero	345	(12.7)	374	(10.2)	368	(9.3)	385	(11.0)	<b>15.7</b>	(4.7)	1.8	(0.43)	6.5	(3.94)
Hidalgo	<b>400</b>	(10.3)	381	(16.1)	418	(15.1)	<b>428</b>	(14.7)	<b>14.8</b>	(6.6)	1.1	(0.35)	3.7	(3.04)
Jalisco	431	(14.5)	415	(13.9)	445	(10.2)	448	(12.2)	4.9	(8.8)	1.1	(0.35)	0.3	(1.39)
Mexico	404	(11.4)	415	(13.0)	422	(9.4)	429	(16.1)	4.1	(6.1)	1.3	(0.42)	0.6	(1.95)
Morelos	420	(15.7)	408	(11.5)	400	(22.7)	458	(20.8)	8.7	(8.5)	1.0	(0.36)	1.8	(3.62)
Nayarit	403	(12.3)	423	(11.3)	422	(11.4)	413	(13.4)	4.2	(5.3)	1.4	(0.35)	0.3	(0.89)
Nuevo León	<b>421</b>	(17.8)	434	(12.2)	440	(14.8)	<b>449</b>	(19.6)	9.9	(7.0)	1.5	(0.49)	2.5	(3.87)
Puebla	392	(13.2)	412	(14.7)	425	(8.8)	433	(11.4)	<b>16.7</b>	(6.1)	1.7	(0.43)	4.6	(3.00)
Querétaro	410	(13.3)	452	(13.9)	414	(18.4)	462	(15.2)	<b>13.1</b>	(6.6)	1.6	(0.42)	3.1	(3.06)
Quintana Roo	376	(13.1)	414	(16.3)	427	(7.6)	425	(8.8)	<b>22.7</b>	(5.6)	<b>2.1</b>	(0.50)	7.2	(3.52)
San Luis Potosí	385	(13.2)	393	(14.6)	432	(9.5)	438	(17.1)	<b>23.5</b>	(6.6)	<b>1.9</b>	(0.43)	11.1	(5.72)
Sinaloa	407	(9.4)	418	(13.7)	408	(13.8)	415	(13.2)	8.1	(6.7)	1.1	(0.24)	0.8	(1.63)
Tabasco	367	(8.2)	363	(9.3)	381	(12.3)	403	(9.2)	<b>14.6</b>	(3.7)	1.3	(0.26)	4.3	(2.13)
Tamaulipas	368	(10.4)	421	(22.6)	418	(10.5)	437	(15.2)	<b>21.4</b>	(5.2)	<b>2.5</b>	(0.47)	9.5	(5.32)
Tlaxcala	377	(13.6)	417	(14.3)	422	(8.7)	428	(10.2)	<b>18.8</b>	(7.5)	<b>2.2</b>	(0.48)	4.9	(3.68)
Veracruz	396	(13.7)	401	(12.0)	393	(9.6)	419	(20.1)	10.9	(8.0)	1.1	(0.30)	1.7	(2.55)
Yucatán	409	(9.0)	411	(14.3)	402	(9.2)	418	(12.8)	7.5	(5.1)	1.0	(0.26)	1.1	(1.60)
Zacatecas	401	(12.8)	405	(8.8)	413	(11.9)	417	(11.4)	5.0	(6.5)	1.3	(0.30)	0.5	(0.71)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.14 for national data.

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[Part 4/4]  
**Index of quality of physical infrastructure and mathematics performance, by region**

Table B2.IV.8 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Portugal</b>														
Alentejo	491	(13.7)	474	(35.5)	479	(29.5)	521	(20.7)	16.9	(11.3)	0.9	(0.32)	2.4	(3.40)
<b>Spain</b>														
Andalusia*	476	(6.3)	456	(7.6)	482	(11.1)	474	(10.4)	1.4	(3.8)	1.0	(0.14)	0.0	(0.24)
Aragon*	485	(13.5)	503	(10.9)	491	(10.7)	507	(13.4)	7.1	(6.8)	1.2	(0.26)	0.5	(1.00)
Asturias*	483	(15.3)	499	(8.6)	509	(8.4)	508	(10.0)	10.5	(5.9)	1.4	(0.28)	1.0	(1.12)
Balearic Islands*	458	(12.0)	467	(8.2)	491	(9.6)	484	(9.5)	<b>13.0</b>	(5.2)	1.5	(0.25)	2.0	(1.49)
Basque Country*	499	(5.9)	503	(5.9)	510	(5.5)	508	(4.3)	2.4	(2.6)	1.1	(0.11)	0.1	(0.17)
Cantabria*	486	(8.5)	488	(8.9)	488	(8.5)	502	(10.8)	5.7	(7.1)	1.0	(0.19)	0.3	(0.85)
Castile and Leon*	520	(9.4)	508	(11.8)	506	(6.4)	502	(9.9)	-7.1	(4.5)	0.9	(0.14)	0.8	(1.04)
Catalonia*	486	(14.5)	481	(11.6)	500	(10.6)	508	(10.0)	<b>14.9</b>	(6.6)	1.3	(0.29)	2.7	(2.41)
Extremadura*	457	(9.7)	473	(11.5)	467	(13.7)	450	(9.8)	-2.0	(3.5)	1.1	(0.19)	0.1	(0.32)
Galicia*	481	(10.8)	493	(10.3)	491	(7.6)	491	(10.0)	1.2	(4.8)	1.2	(0.21)	0.0	(0.28)
La Rioja*	489	(6.9)	511	(6.5)	505	(5.8)	510	(4.3)	<b>6.9</b>	(2.8)	1.2	(0.16)	0.5	(0.36)
Madrid*	498	(9.2)	493	(10.6)	502	(10.2)	524	(8.5)	<b>13.6</b>	(4.8)	1.1	(0.21)	1.9	(1.33)
Murcia*	442	(9.3)	459	(12.7)	473	(10.1)	473	(12.3)	<b>11.0</b>	(4.8)	1.4	(0.22)	2.0	(1.62)
Navarre*	498	(7.3)	519	(5.9)	517	(8.0)	533	(5.0)	<b>9.8</b>	(2.6)	<b>1.4</b>	(0.18)	1.6	(0.80)
<b>United Kingdom</b>														
England	<b>499</b>	(6.7)	506	(6.6)	502	(10.1)	<b>480</b>	(12.1)	-6.9	(5.0)	0.9	(0.13)	0.6	(0.93)
Northern Ireland	<b>477</b>	(12.0)	461	(17.0)	510	(13.5)	<b>487</b>	(13.7)	8.0	(5.4)	1.1	(0.23)	1.1	(1.47)
Scotland*	<b>493</b>	(7.2)	498	(5.3)	498	(6.4)	<b>503</b>	(6.2)	2.0	(4.4)	1.2	(0.17)	0.0	(0.26)
Wales	470	(5.8)	468	(5.1)	465	(5.4)	473	(5.8)	2.9	(3.2)	0.9	(0.12)	0.1	(0.29)
<b>United States</b>														
Connecticut*	502	(15.3)	506	(10.7)	501	(13.8)	514	(14.7)	8.0	(9.3)	1.2	(0.28)	0.4	(1.10)
Florida*	486	(11.5)	473	(10.8)	458	(8.7)	460	(10.1)	<b>-12.7</b>	(5.8)	<b>0.6</b>	(0.16)	1.8	(1.68)
Massachusetts*	514	(10.6)	490	(17.6)	531	(20.9)	519	(15.1)	3.3	(6.7)	0.9	(0.17)	0.1	(0.57)
<b>Partners</b>														
<b>Argentina</b>														
Ciudad Autónoma de Buenos Aires*	342	(21.9)	413	(18.8)	456	(9.8)	461	(11.3)	<b>39.0</b>	(7.3)	<b>3.8</b>	(0.86)	23.9	(6.02)
<b>Brazil</b>														
Acre	345	(7.5)	355	(10.4)	355	(8.7)	381	(17.5)	<b>24.1</b>	(9.8)	1.4	(0.28)	7.6	(5.55)
Alagoas	<b>323</b>	(8.6)	324	(16.7)	332	(23.5)	<b>392</b>	(23.6)	<b>25.5</b>	(9.9)	1.4	(0.45)	12.2	(6.43)
Amapá	346	(9.5)	355	(19.7)	359	(12.1)	380	(21.6)	15.5	(8.5)	1.3	(0.42)	6.3	(7.09)
Amazonas	353	(10.2)	347	(9.2)	351	(11.3)	372	(15.7)	5.1	(7.8)	0.9	(0.28)	0.7	(2.20)
Bahia	341	(21.2)	354	(31.8)	375	(25.5)	c	c	<b>23.4</b>	(8.6)	1.6	(0.76)	14.1	(8.26)
Ceará	<b>345</b>	(13.0)	369	(20.2)	393	(13.5)	<b>406</b>	(26.0)	<b>26.8</b>	(11.8)	2.0	(0.68)	10.8	(8.08)
Espírito Santo	404	(16.1)	419	(22.8)	397	(24.8)	436	(49.4)	17.4	(13.8)	1.0	(0.32)	4.2	(7.01)
Federal District	370	(19.6)	397	(12.8)	433	(42.1)	446	(31.6)	24.5	(16.7)	2.2	(1.01)	8.9	(9.56)
Goiás	<b>347</b>	(11.6)	368	(9.1)	376	(11.2)	<b>427</b>	(13.5)	<b>25.1</b>	(4.8)	1.7	(0.46)	17.4	(6.31)
Maranhão	315	(14.9)	350	(27.0)	347	(18.1)	361	(43.8)	17.8	(15.0)	1.3	(0.37)	5.2	(7.81)
Mato Grosso	355	(12.7)	356	(10.7)	369	(19.8)	400	(24.4)	17.0	(10.0)	1.1	(0.41)	5.4	(5.70)
Mato Grosso do Sul	<b>389</b>	(10.5)	381	(11.3)	425	(23.8)	<b>439</b>	(11.6)	<b>21.9</b>	(7.8)	1.2	(0.39)	9.3	(4.89)
Minas Gerais	<b>384</b>	(10.6)	398	(13.0)	415	(19.9)	<b>415</b>	(8.6)	<b>10.4</b>	(5.1)	1.5	(0.38)	3.0	(2.45)
Pará	349	(6.7)	328	(12.6)	343	(18.2)	c	c	<b>19.5</b>	(3.3)	1.0	(0.21)	16.8	(4.14)
Paraíba	<b>354</b>	(19.1)	374	(12.8)	415	(22.6)	<b>439</b>	(15.2)	<b>27.3</b>	(7.2)	2.1	(0.67)	18.5	(7.17)
Paraná	384	(9.9)	396	(17.1)	413	(34.2)	420	(49.7)	10.2	(10.0)	1.2	(0.28)	2.0	(3.66)
Pernambuco	350	(12.4)	368	(14.2)	364	(17.9)	375	(20.9)	<b>13.5</b>	(5.9)	1.3	(0.39)	4.9	(3.75)
Piauí	<b>355</b>	(10.8)	367	(17.9)	369	(26.8)	<b>455</b>	(15.5)	<b>28.3</b>	(4.7)	1.5	(0.51)	19.2	(3.98)
Rio de Janeiro	377	(14.1)	366	(31.7)	410	(26.9)	393	(15.8)	10.2	(7.5)	1.1	(0.39)	2.6	(3.82)
Rio Grande do Norte	<b>355</b>	(9.2)	349	(7.9)	352	(17.8)	<b>465</b>	(31.5)	<b>31.0</b>	(8.9)	1.3	(0.34)	20.3	(8.14)
Rio Grande do Sul	395	(16.1)	427	(18.3)	384	(18.6)	422	(14.2)	7.4	(6.9)	1.2	(0.44)	1.4	(2.97)
Rondônia	<b>362</b>	(12.1)	373	(15.5)	391	(9.5)	<b>402</b>	(11.6)	16.2	(8.3)	1.7	(0.59)	4.4	(4.36)
Roraima	<b>330</b>	(10.1)	358	(10.7)	358	(12.4)	<b>401</b>	(28.4)	<b>25.3</b>	(6.8)	<b>1.9</b>	(0.41)	14.7	(9.21)
Santa Catarina	410	(14.5)	393	(14.8)	425	(16.5)	433	(30.0)	6.8	(10.5)	0.9	(0.31)	1.2	(4.10)
São Paulo	<b>387</b>	(5.4)	391	(6.8)	412	(11.4)	<b>425</b>	(16.5)	<b>13.5</b>	(5.3)	1.2	(0.18)	3.3	(2.40)
Sergipe	378	(14.6)	367	(17.0)	370	(13.9)	422	(30.0)	17.8	(10.2)	1.0	(0.44)	7.1	(7.58)
Tocantins	359	(11.2)	341	(14.3)	374	(23.7)	388	(18.4)	<b>18.4</b>	(6.1)	1.0	(0.35)	5.2	(3.40)
<b>Colombia</b>														
Bogota	375	(7.7)	398	(7.6)	401	(6.2)	395	(10.6)	<b>9.4</b>	(4.7)	<b>1.6</b>	(0.22)	2.0	(2.02)
Cali	385	(17.5)	366	(9.4)	372	(14.8)	396	(12.2)	2.8	(5.0)	0.8	(0.32)	0.3	(1.45)
Manizales	<b>381</b>	(6.1)	379	(7.2)	423	(16.4)	<b>430</b>	(17.2)	<b>14.5</b>	(3.5)	<b>1.6</b>	(0.29)	7.6	(3.50)
Medellin	369	(9.6)	383	(12.6)	387	(20.8)	435	(19.9)	<b>19.3</b>	(6.7)	1.4	(0.35)	8.4	(4.90)
<b>Russian Federation</b>														
Perm Territory region*	484	(11.3)	474	(9.5)	495	(18.2)	487	(13.1)	0.2	(9.5)	1.0	(0.26)	0.0	(0.77)
<b>United Arab Emirates</b>														
Abu Dhabi*	405	(7.5)	418	(14.5)	438	(9.4)	430	(9.1)	<b>9.9</b>	(3.6)	1.3	(0.17)	1.9	(1.32)
Ajman	416	(17.8)	395	(24.2)	409	(15.4)	393	(8.4)	-7.6	(4.5)	0.8	(0.24)	1.6	(2.01)
Dubai*	<b>426</b>	(2.4)	486	(3.1)	473	(3.8)	<b>475</b>	(4.2)	<b>18.2</b>	(1.1)	<b>2.0</b>	(0.12)	4.8	(0.58)
Fujairah	390	(6.5)	390	(27.5)	423	(15.0)	441	(18.1)	<b>25.0</b>	(6.0)	1.5	(0.42)	8.7	(4.51)
Ras Al Khaimah	398	(21.0)	432	(10.0)	408	(18.8)	423	(10.4)	11.7	(8.0)	1.8	(0.68)	2.8	(4.10)
Sharjah	419	(15.5)	423	(12.9)	456	(16.6)	460	(24.6)	16.4	(8.4)	1.4	(0.42)	5.0	(5.03)
Umm Al Quwain	401	(10.2)	c	c	395	(9.8)	c	c	-1.5	(2.4)	1.1	(0.29)	0.1	(0.29)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.14 for national data.

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[Part 1/4]

## Index of quality of schools' educational resources and mathematics performance, by region


Table B2.IV.9 Results based on school principals' reports

	Index of quality of schools' educational resources										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	0.28	(0.02)	-0.97	(0.02)	-0.29	(0.02)	0.63	(0.05)	1.75	(0.01)	1.06	(0.01)
New South Wales	0.71	(0.07)	-0.56	(0.08)	0.25	(0.08)	1.18	(0.18)	1.98	(0.00)	1.00	(0.03)
Northern territory	0.14	(0.13)	-0.89	(0.05)	-0.27	(0.19)	0.48	(0.30)	1.26	(0.09)	0.87	(0.02)
Queensland	0.54	(0.07)	-0.50	(0.07)	0.13	(0.10)	0.79	(0.10)	1.75	(0.11)	0.88	(0.04)
South Australia	0.42	(0.08)	-0.52	(0.07)	-0.01	(0.08)	0.57	(0.15)	1.63	(0.12)	0.84	(0.05)
Tasmania	0.42	(0.04)	-0.52	(0.06)	0.11	(0.01)	0.45	(0.03)	1.63	(0.06)	0.83	(0.01)
Victoria	0.81	(0.08)	-0.42	(0.12)	0.38	(0.12)	1.32	(0.17)	1.98	(0.00)	0.97	(0.06)
Western Australia	0.87	(0.08)	-0.47	(0.10)	0.37	(0.13)	1.58	(0.18)	1.98	(0.00)	1.01	(0.04)
<b>Belgium</b>												
Flemish community*	0.54	(0.07)	-0.49	(0.07)	0.17	(0.09)	0.82	(0.11)	1.66	(0.10)	0.85	(0.04)
French community	0.71	(0.07)	-0.56	(0.08)	0.25	(0.08)	1.18	(0.18)	1.98	(0.00)	1.00	(0.03)
German-speaking community	0.81	(0.08)	-0.42	(0.12)	0.38	(0.12)	1.32	(0.17)	1.98	(0.00)	0.97	(0.06)
<b>Canada</b>												
Alberta	0.55	(0.08)	-0.36	(0.06)	0.13	(0.10)	0.62	(0.13)	1.81	(0.12)	0.84	(0.04)
British Columbia	0.28	(0.12)	-0.82	(0.14)	-0.21	(0.13)	0.50	(0.15)	1.65	(0.17)	0.97	(0.06)
Manitoba	0.16	(0.06)	-0.85	(0.05)	-0.16	(0.05)	0.26	(0.07)	1.37	(0.14)	0.87	(0.05)
New Brunswick	-0.25	(0.02)	-1.21	(0.04)	-0.40	(0.01)	-0.08	(0.02)	0.71	(0.06)	0.81	(0.03)
Newfoundland and Labrador	0.69	(0.12)	-0.39	(0.06)	0.20	(0.12)	0.99	(0.32)	1.98	(0.00)	0.95	(0.03)
Nova Scotia	0.12	(0.16)	-0.92	(0.05)	-0.45	(0.23)	0.19	(0.21)	1.66	(0.22)	1.02	(0.05)
Ontario	0.23	(0.10)	-0.98	(0.14)	-0.19	(0.09)	0.44	(0.12)	1.66	(0.18)	1.03	(0.07)
Prince Edward Island	-0.05	(0.00)	-0.42	(0.00)	-0.22	(0.00)	-0.08	(0.00)	0.52	(0.01)	0.40	(0.00)
Quebec	0.24	(0.08)	-0.81	(0.11)	-0.11	(0.08)	0.42	(0.07)	1.47	(0.15)	0.91	(0.06)
Saskatchewan	0.48	(0.08)	-0.52	(0.02)	0.05	(0.07)	0.57	(0.10)	1.81	(0.17)	0.90	(0.04)
<b>Italy</b>												
Abruzzo	-0.24	(0.10)	-1.33	(0.13)	-0.58	(0.12)	0.07	(0.10)	0.88	(0.20)	0.89	(0.08)
Basilicata	-0.23	(0.14)	-1.40	(0.14)	-0.67	(0.12)	0.06	(0.13)	1.08	(0.30)	1.01	(0.10)
Bolzano	0.43	(0.02)	-0.60	(0.02)	0.00	(0.01)	0.69	(0.03)	1.65	(0.05)	0.88	(0.01)
Calabria	0.08	(0.12)	-0.82	(0.11)	-0.31	(0.09)	0.14	(0.23)	1.33	(0.21)	0.86	(0.08)
Campania	-0.02	(0.13)	-0.95	(0.16)	-0.33	(0.11)	0.11	(0.10)	1.09	(0.30)	0.84	(0.11)
Emilia Romagna	0.18	(0.12)	-0.83	(0.13)	-0.27	(0.12)	0.32	(0.15)	1.52	(0.26)	0.94	(0.09)
Friuli Venezia Giulia	0.04	(0.08)	-0.82	(0.09)	-0.33	(0.11)	0.24	(0.11)	1.09	(0.12)	0.78	(0.05)
Lazio	-0.13	(0.14)	-1.21	(0.26)	-0.39	(0.13)	0.08	(0.11)	0.98	(0.30)	0.94	(0.16)
Liguria	-0.08	(0.08)	-1.10	(0.14)	-0.36	(0.16)	0.23	(0.09)	0.94	(0.11)	0.82	(0.07)
Lombardia	0.31	(0.16)	-0.85	(0.25)	-0.08	(0.10)	0.51	(0.23)	1.68	(0.20)	0.99	(0.09)
Marche	-0.13	(0.07)	-0.87	(0.09)	-0.35	(0.08)	0.05	(0.15)	0.63	(0.07)	0.59	(0.04)
Molise	-0.13	(0.02)	-1.13	(0.03)	-0.37	(0.02)	-0.02	(0.01)	1.01	(0.04)	0.85	(0.01)
Piemonte	0.10	(0.08)	-0.72	(0.13)	-0.14	(0.08)	0.27	(0.10)	1.00	(0.12)	0.67	(0.06)
Puglia	0.04	(0.13)	-0.85	(0.11)	-0.38	(0.10)	0.07	(0.20)	1.30	(0.25)	0.86	(0.09)
Sardegna	-0.40	(0.14)	-1.62	(0.31)	-0.66	(0.09)	-0.17	(0.21)	0.83	(0.20)	1.01	(0.14)
Sicilia	0.11	(0.13)	-0.88	(0.12)	-0.20	(0.19)	0.31	(0.11)	1.23	(0.20)	0.83	(0.07)
Toscana	-0.19	(0.10)	-0.89	(0.17)	-0.37	(0.08)	-0.12	(0.07)	0.63	(0.22)	0.64	(0.11)
Trento	0.51	(0.10)	-0.47	(0.09)	-0.01	(0.10)	0.66	(0.17)	1.88	(0.10)	0.91	(0.03)
Umbria	-0.25	(0.10)	-1.37	(0.10)	-0.55	(0.13)	0.01	(0.18)	0.90	(0.11)	0.90	(0.05)
Valle d'Aosta	0.51	(0.02)	-0.41	(0.02)	0.16	(0.01)	0.60	(0.04)	1.68	(0.02)	0.84	(0.01)
Veneto	0.03	(0.13)	-0.91	(0.10)	-0.42	(0.08)	0.06	(0.15)	1.38	(0.33)	0.92	(0.11)
<b>Mexico</b>												
Aguascalientes	-0.97	(0.09)	-2.23	(0.21)	-1.28	(0.10)	-0.61	(0.17)	0.24	(0.17)	1.00	(0.11)
Baja California	-0.73	(0.15)	-2.11	(0.22)	-1.04	(0.28)	-0.32	(0.13)	0.57	(0.18)	1.09	(0.12)
Baja California Sur	-1.09	(0.14)	-2.47	(0.27)	-1.44	(0.15)	-0.68	(0.23)	0.25	(0.11)	1.14	(0.10)
Campeche	-1.01	(0.14)	-2.37	(0.25)	-1.31	(0.21)	-0.62	(0.18)	0.28	(0.08)	1.08	(0.10)
Chiapas	-1.44	(0.17)	-2.83	(0.21)	-1.75	(0.27)	-0.95	(0.20)	-0.23	(0.22)	1.04	(0.11)
Chihuahua	-1.14	(0.17)	-2.26	(0.13)	-1.57	(0.28)	-0.91	(0.25)	0.20	(0.23)	1.00	(0.10)
Coahuila	-0.98	(0.17)	-2.37	(0.31)	-1.26	(0.22)	-0.72	(0.15)	0.43	(0.28)	1.12	(0.15)
Colima	-0.31	(0.14)	-1.75	(0.24)	-0.62	(0.21)	-0.12	(0.07)	1.24	(0.19)	1.18	(0.10)
Distrito Federal	-0.42	(0.16)	-1.72	(0.27)	-0.94	(0.20)	-0.03	(0.31)	1.02	(0.11)	1.12	(0.11)
Durango	-0.96	(0.09)	-1.86	(0.14)	-1.34	(0.06)	-0.86	(0.18)	0.24	(0.20)	0.91	(0.11)
Guanajuato	-1.03	(0.17)	-2.70	(0.36)	-1.38	(0.13)	-0.59	(0.25)	0.56	(0.27)	1.30	(0.15)
Guerrero	-1.00	(0.12)	-2.47	(0.25)	-1.23	(0.15)	-0.56	(0.22)	0.28	(0.17)	1.08	(0.13)
Hidalgo	-0.95	(0.14)	-2.49	(0.29)	-1.17	(0.22)	-0.56	(0.14)	0.45	(0.12)	1.17	(0.12)
Jalisco	-0.74	(0.19)	-2.27	(0.25)	-1.03	(0.30)	-0.39	(0.22)	0.73	(0.28)	1.17	(0.14)
Mexico	-0.52	(0.17)	-1.61	(0.22)	-0.81	(0.16)	-0.23	(0.17)	0.58	(0.35)	0.92	(0.15)
Morelos	-0.82	(0.16)	-2.26	(0.24)	-1.26	(0.20)	-0.39	(0.19)	0.63	(0.23)	1.11	(0.11)
Nayarit	-1.29	(0.16)	-2.52	(0.13)	-1.75	(0.20)	-1.04	(0.14)	0.13	(0.33)	1.07	(0.14)
Nuevo León	-0.04	(0.26)	-1.56	(0.40)	-0.40	(0.16)	0.11	(0.35)	1.71	(0.36)	1.27	(0.16)
Puebla	-1.11	(0.10)	-1.96	(0.08)	-1.61	(0.08)	-1.08	(0.14)	0.20	(0.27)	0.94	(0.13)
Querétaro	-0.93	(0.16)	-2.17	(0.22)	-1.18	(0.33)	-0.77	(0.11)	0.39	(0.34)	1.02	(0.14)
Quintana Roo	-0.86	(0.14)	-1.96	(0.18)	-1.26	(0.15)	-0.61	(0.17)	0.41	(0.21)	0.98	(0.07)
San Luis Potosí	-1.07	(0.17)	-2.28	(0.20)	-1.35	(0.26)	-0.78	(0.11)	0.15	(0.30)	0.99	(0.11)
Sinaloa	-0.48	(0.11)	-1.36	(0.15)	-0.74	(0.15)	-0.21	(0.13)	0.38	(0.15)	0.69	(0.07)
Tabasco	-1.24	(0.16)	-2.40	(0.23)	-1.60	(0.14)	-1.04	(0.15)	0.09	(0.33)	1.02	(0.14)
Tamaulipas	-0.51	(0.19)	-1.85	(0.18)	-1.02	(0.36)	-0.25	(0.15)	1.09	(0.34)	1.16	(0.14)
Tlaxcala	-0.71	(0.13)	-2.11	(0.21)	-0.98	(0.17)	-0.28	(0.12)	0.54	(0.24)	1.07	(0.13)
Veracruz	-1.04	(0.18)	-2.24	(0.15)	-1.57	(0.14)	-0.67	(0.32)	0.33	(0.24)	1.03	(0.10)
Yucatán	-1.10	(0.16)	-2.13	(0.18)	-1.40	(0.15)	-0.93	(0.14)	0.07	(0.43)	0.96	(0.20)
Zacatecas	-1.38	(0.19)	-2.90	(0.28)	-1.74	(0.20)	-1.11	(0.26)	0.24	(0.30)	1.24	(0.14)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.16 for national data.

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[Part 2/4]


## Index of quality of schools' educational resources and mathematics performance, by region

Table B2.IV.9 Results based on school principals' reports

	Index of quality of schools' educational resources										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	0.30	(0.23)	-0.69	(0.12)	-0.06	(0.25)	0.55	(0.28)	1.41	(0.46)	0.85	(0.15)
<b>Spain</b>												
Andalusia*	0.10	(0.11)	-0.69	(0.11)	-0.14	(0.10)	0.19	(0.12)	1.03	(0.22)	0.69	(0.09)
Aragon*	0.24	(0.15)	-0.94	(0.16)	-0.13	(0.20)	0.40	(0.17)	1.65	(0.19)	0.99	(0.07)
Asturias*	0.28	(0.13)	-0.65	(0.09)	-0.12	(0.15)	0.47	(0.15)	1.43	(0.25)	0.84	(0.08)
Balearic Islands*	-0.24	(0.11)	-1.18	(0.30)	-0.45	(0.08)	-0.14	(0.09)	0.82	(0.19)	0.86	(0.17)
Basque Country*	0.14	(0.07)	-0.98	(0.15)	-0.20	(0.06)	0.37	(0.07)	1.38	(0.12)	0.97	(0.09)
Cantabria*	0.15	(0.12)	-0.83	(0.08)	-0.20	(0.16)	0.29	(0.12)	1.36	(0.23)	0.87	(0.07)
Castile and Leon*	-0.26	(0.11)	-1.30	(0.10)	-0.70	(0.10)	-0.09	(0.18)	1.07	(0.24)	0.95	(0.10)
Catalonia*	0.09	(0.14)	-1.05	(0.17)	-0.27	(0.13)	0.30	(0.15)	1.38	(0.28)	0.96	(0.10)
Extremadura*	0.52	(0.17)	-0.91	(0.28)	0.19	(0.22)	0.93	(0.19)	1.88	(0.17)	1.10	(0.11)
Galicia*	-0.12	(0.12)	-0.99	(0.12)	-0.37	(0.08)	-0.04	(0.08)	0.91	(0.29)	0.78	(0.10)
La Rioja*	0.46	(0.01)	-0.62	(0.01)	-0.03	(0.01)	0.66	(0.01)	1.82	(0.01)	0.95	(0.01)
Madrid*	0.02	(0.13)	-0.93	(0.16)	-0.26	(0.07)	0.15	(0.14)	1.14	(0.26)	0.83	(0.09)
Murcia*	-0.04	(0.12)	-1.00	(0.11)	-0.48	(0.07)	0.12	(0.21)	1.21	(0.22)	0.88	(0.08)
Navarre*	-0.04	(0.06)	-0.93	(0.09)	-0.34	(0.06)	0.14	(0.10)	0.97	(0.09)	0.75	(0.04)
<b>United Kingdom</b>												
England	0.55	(0.09)	-0.68	(0.09)	0.03	(0.06)	0.89	(0.24)	1.98	(0.00)	1.05	(0.03)
Northern Ireland	-0.01	(0.10)	-1.14	(0.12)	-0.32	(0.08)	0.15	(0.10)	1.29	(0.22)	0.97	(0.08)
Scotland*	0.56	(0.10)	-0.79	(0.11)	0.13	(0.13)	0.92	(0.23)	1.98	(0.01)	1.07	(0.05)
Wales	0.14	(0.08)	-1.09	(0.10)	-0.29	(0.07)	0.29	(0.09)	1.64	(0.15)	1.06	(0.06)
<b>United States</b>												
Connecticut*	0.76	(0.18)	-0.58	(0.15)	0.07	(0.20)	1.59	(0.43)	1.98	(0.00)	1.11	(0.05)
Florida*	0.09	(0.17)	-1.00	(0.20)	-0.31	(0.12)	0.16	(0.23)	1.51	(0.27)	0.99	(0.10)
Massachusetts*	0.33	(0.17)	-1.08	(0.13)	-0.41	(0.24)	0.84	(0.37)	1.98	(0.09)	1.21	(0.06)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	0.38	(0.17)	-1.47	(0.24)	-0.31	(0.25)	1.32	(0.39)	1.98	(0.00)	1.45	(0.12)
<b>Brazil</b>												
Acre	-1.08	(0.11)	-1.84	(0.11)	-1.29	(0.18)	-0.85	(0.14)	-0.33	(0.17)	0.59	(0.07)
Alagoas	-0.93	(0.23)	-2.16	(0.35)	-1.20	(0.21)	-0.83	(0.21)	0.48	(0.52)	1.05	(0.22)
Amapá	-0.82	(0.08)	-1.56	(0.07)	-1.27	(0.09)	-0.86	(0.15)	0.41	(0.25)	0.91	(0.16)
Amazonas	-0.95	(0.18)	-1.88	(0.12)	-1.44	(0.20)	-0.71	(0.34)	0.24	(0.22)	0.91	(0.11)
Bahia	-0.44	(0.24)	-1.68	(0.41)	-0.72	(0.17)	c	c	c	c	1.03	(0.15)
Ceará	-0.36	(0.13)	-1.57	(0.36)	-0.60	(0.18)	-0.13	(0.12)	0.89	(0.11)	1.03	(0.14)
Espírito Santo	-0.57	(0.16)	-1.36	(0.16)	-0.97	(0.09)	-0.57	(0.15)	0.63	(0.47)	0.89	(0.18)
Federal District	-0.68	(0.25)	-2.23	(0.65)	-1.02	(0.14)	-0.23	(0.35)	c	c	1.26	(0.24)
Goiás	-1.29	(0.25)	-2.41	(0.31)	-1.77	(0.20)	-1.13	(0.23)	0.17	(0.45)	1.11	(0.11)
Maranhão	-1.21	(0.13)	-1.96	(0.14)	-1.44	(0.21)	-1.01	(0.19)	-0.42	(0.23)	0.69	(0.15)
Mato Grosso	-0.87	(0.18)	-1.95	(0.12)	-1.27	(0.24)	-0.63	(0.08)	0.38	(0.46)	0.99	(0.17)
Mato Grosso do Sul	-0.98	(0.18)	-1.90	(0.24)	-1.28	(0.06)	-0.95	(0.16)	0.22	(0.47)	0.96	(0.20)
Minas Gerais	-0.76	(0.12)	-1.96	(0.18)	-1.06	(0.15)	-0.58	(0.20)	0.56	(0.16)	1.01	(0.09)
Pará	-0.74	(0.18)	-2.01	(0.05)	-1.55	(0.31)	-0.80	(0.10)	1.41	(0.48)	1.38	(0.17)
Paraíba	-0.46	(0.17)	-1.77	(0.17)	-0.88	(0.24)	-0.06	(0.35)	c	c	1.05	(0.15)
Paraná	-0.45	(0.10)	-1.31	(0.19)	-0.77	(0.12)	-0.37	(0.13)	0.68	(0.21)	0.79	(0.10)
Pernambuco	-0.53	(0.16)	-1.46	(0.22)	-0.90	(0.17)	-0.39	(0.21)	0.65	(0.28)	0.83	(0.12)
Piauí	-0.98	(0.23)	-2.20	(0.41)	-1.42	(0.18)	-0.78	(0.29)	0.50	(0.48)	1.15	(0.23)
Rio de Janeiro	-0.22	(0.14)	-1.11	(0.15)	-0.57	(0.18)	-0.01	(0.18)	0.80	(0.23)	0.75	(0.08)
Rio Grande do Norte	-0.64	(0.25)	-2.28	(0.30)	-1.04	(0.24)	-0.45	(0.31)	1.23	(0.59)	1.39	(0.21)
Rio Grande do Sul	-0.46	(0.27)	-2.16	(0.58)	-0.90	(0.25)	-0.04	(0.34)	1.25	(0.24)	1.38	(0.22)
Rondônia	-1.18	(0.10)	-1.97	(0.22)	-1.42	(0.07)	-0.98	(0.12)	-0.35	(0.18)	0.67	(0.10)
Roraima	-0.98	(0.22)	-2.43	(0.39)	-1.19	(0.27)	-0.53	(0.19)	0.24	(0.28)	1.04	(0.15)
Santa Catarina	-0.53	(0.17)	-1.48	(0.16)	-0.80	(0.19)	-0.46	(0.11)	0.64	(0.44)	0.86	(0.18)
São Paulo	-0.28	(0.12)	-1.47	(0.13)	-0.72	(0.15)	0.01	(0.13)	1.07	(0.24)	1.02	(0.10)
Sergipe	-0.90	(0.18)	-1.98	(0.30)	-1.00	(0.22)	-0.50	(0.26)	-0.13	(0.08)	0.73	(0.09)
Tocantins	-0.84	(0.09)	-1.49	(0.06)	-1.11	(0.14)	-0.67	(0.13)	-0.07	(0.14)	0.56	(0.05)
<b>Colombia</b>												
Bogota	-0.94	(0.12)	-2.37	(0.22)	-1.11	(0.17)	-0.59	(0.14)	0.31	(0.16)	1.07	(0.11)
Cali	-0.70	(0.23)	-2.68	(0.23)	-1.43	(0.32)	-0.13	(0.37)	1.44	(0.26)	1.60	(0.13)
Manizales	-0.75	(0.17)	-2.22	(0.19)	-1.29	(0.25)	-0.27	(0.26)	0.78	(0.17)	1.16	(0.09)
Medellin	-0.55	(0.19)	-2.25	(0.33)	-1.14	(0.17)	-0.25	(0.23)	1.47	(0.23)	1.43	(0.11)
<b>Russian Federation</b>												
Perm Territory region*	-0.53	(0.13)	-1.78	(0.23)	-0.72	(0.18)	-0.22	(0.11)	0.60	(0.19)	0.98	(0.12)
<b>United Arab Emirates</b>												
Abu Dhabi*	0.25	(0.09)	-1.28	(0.09)	-0.40	(0.10)	0.70	(0.23)	1.98	(0.03)	1.28	(0.04)
Ajman	0.26	(0.11)	-1.42	(0.23)	-0.04	(0.15)	0.64	(0.10)	1.85	(0.13)	1.27	(0.06)
Dubai*	0.61	(0.01)	-1.04	(0.00)	0.30	(0.01)	1.21	(0.01)	1.98	(0.00)	1.17	(0.00)
Fujairah	0.21	(0.10)	-0.87	(0.05)	0.02	(0.08)	0.37	(0.05)	1.35	(0.33)	0.88	(0.09)
Ras Al Khaimah	0.38	(0.22)	-1.07	(0.24)	-0.13	(0.27)	0.75	(0.44)	1.98	(0.14)	1.17	(0.11)
Sharjah	0.34	(0.14)	-0.94	(0.16)	-0.35	(0.17)	0.75	(0.26)	1.92	(0.20)	1.13	(0.10)
Umm Al Quwain	0.22	(0.01)	-0.88	(0.03)	c	c	0.25	(0.02)	c	c	1.06	(0.01)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table IV.3.16 for national data.

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[Part 3/4]

## Index of quality of schools' educational resources and mathematics performance, by region


Table B2.IV.9 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Australia</b>														
Australian capital territory	510	(8.9)	504	(7.6)	495	(7.4)	554	(6.7)	<b>17.2</b>	(3.5)	1.2	(0.20)	3.5	(1.42)
New South Wales	<b>491</b>	(8.0)	494	(7.1)	527	(10.2)	<b>527</b>	(9.9)	<b>16.5</b>	(4.8)	1.3	(0.16)	2.7	(1.45)
Northern territory	446	(12.9)	431	(42.0)	447	(56.9)	485	(18.1)	18.1	(10.4)	1.1	(0.30)	2.1	(2.14)
Queensland	<b>478</b>	(6.9)	506	(8.5)	510	(7.6)	<b>521</b>	(7.7)	<b>17.5</b>	(4.6)	<b>1.6</b>	(0.20)	2.7	(1.47)
South Australia	<b>494</b>	(9.6)	478	(10.8)	487	(10.4)	<b>499</b>	(10.7)	6.9	(5.6)	1.0	(0.15)	0.4	(0.71)
Tasmania	455	(6.5)	471	(8.6)	493	(8.3)	500	(6.2)	<b>18.0</b>	(4.6)	<b>1.6</b>	(0.20)	2.5	(1.24)
Victoria	<b>475</b>	(6.9)	503	(10.8)	508	(7.1)	<b>518</b>	(7.1)	<b>15.3</b>	(3.9)	<b>1.7</b>	(0.24)	2.7	(1.32)
Western Australia	<b>490</b>	(7.1)	504	(10.2)	529	(8.4)	<b>542</b>	(9.2)	<b>20.6</b>	(4.2)	<b>1.6</b>	(0.23)	4.9	(1.90)
<b>Belgium</b>														
Flemish community*	521	(12.2)	534	(10.0)	539	(11.1)	536	(12.2)	8.4	(8.8)	1.2	(0.23)	0.5	(1.13)
French community	<b>490</b>	(8.0)	495	(7.4)	526	(10.6)	<b>527</b>	(9.7)	<b>16.5</b>	(4.8)	1.3	(0.15)	2.7	(1.45)
German-speaking community	<b>475</b>	(6.9)	504	(11.0)	508	(7.2)	<b>517</b>	(7.5)	<b>15.3</b>	(3.9)	<b>1.7</b>	(0.23)	2.7	(1.32)
<b>Canada</b>														
Alberta	523	(12.3)	514	(8.3)	513	(10.0)	520	(6.3)	1.5	(5.1)	1.0	(0.21)	0.0	(0.23)
British Columbia	515	(7.6)	519	(11.9)	528	(9.8)	526	(8.6)	3.0	(4.3)	1.1	(0.15)	0.1	(0.50)
Manitoba	489	(7.1)	497	(7.8)	493	(7.1)	492	(10.3)	2.8	(5.4)	1.0	(0.16)	0.1	(0.36)
New Brunswick	494	(5.3)	503	(4.8)	510	(5.6)	501	(7.8)	3.3	(3.7)	1.2	(0.14)	0.1	(0.26)
Newfoundland and Labrador	<b>499</b>	(11.1)	503	(6.6)	482	(9.9)	<b>476</b>	(17.0)	-9.6	(9.2)	0.8	(0.27)	1.1	(2.19)
Nova Scotia	486	(21.2)	507	(13.6)	505	(6.9)	490	(7.2)	-1.9	(4.5)	1.1	(0.20)	0.1	(0.40)
Ontario	508	(8.4)	515	(9.2)	517	(7.7)	518	(7.5)	4.6	(4.1)	1.1	(0.17)	0.3	(0.54)
Prince Edward Island	490	(4.9)	481	(5.4)	486	(5.6)	468	(5.3)	<b>-23.1</b>	(6.6)	0.9	(0.12)	1.2	(0.71)
Quebec	520	(6.9)	543	(8.5)	545	(9.5)	535	(8.9)	6.1	(4.8)	<b>1.3</b>	(0.17)	0.4	(0.54)
Saskatchewan	<b>508</b>	(5.6)	509	(7.1)	510	(7.8)	<b>498</b>	(7.1)	-4.1	(3.1)	0.9	(0.12)	0.2	(0.28)
<b>Italy</b>														
Abruzzo	426	(17.2)	483	(25.1)	499	(10.0)	494	(13.2)	<b>25.7</b>	(7.8)	<b>2.4</b>	(0.61)	6.5	(3.24)
Basilicata	452	(9.3)	448	(11.9)	501	(14.9)	457	(18.2)	3.7	(7.5)	1.2	(0.28)	0.2	(0.99)
Bolzano	500	(4.3)	498	(4.3)	511	(4.2)	522	(5.6)	<b>13.4</b>	(3.3)	1.0	(0.13)	1.8	(0.85)
Calabria	405	(19.1)	433	(21.2)	440	(16.2)	447	(15.9)	16.6	(10.3)	1.8	(0.45)	2.6	(2.70)
Campania	416	(16.3)	448	(20.6)	490	(15.7)	469	(11.0)	<b>21.7</b>	(8.8)	2.0	(0.56)	4.3	(3.38)
Emilia Romagna	446	(19.5)	492	(14.9)	537	(20.9)	542	(9.2)	<b>36.5</b>	(6.7)	<b>3.0</b>	(0.76)	12.6	(4.00)
Friuli Venezia Giulia	<b>509</b>	(15.1)	509	(10.2)	521	(21.3)	<b>540</b>	(8.9)	15.3	(8.3)	1.3	(0.44)	1.8	(2.12)
Lazio	451	(15.9)	479	(23.6)	482	(19.1)	504	(17.4)	9.9	(13.3)	1.5	(0.43)	1.1	(2.89)
Liguria	504	(14.0)	470	(22.7)	501	(15.4)	477	(13.8)	-5.5	(8.0)	0.9	(0.31)	0.3	(0.81)
Lombardia	525	(14.0)	526	(21.8)	518	(25.0)	512	(22.5)	-4.2	(9.2)	0.8	(0.31)	0.2	(1.33)
Marche	<b>510</b>	(12.3)	507	(12.9)	480	(23.5)	<b>501</b>	(11.6)	-4.2	(9.4)	0.9	(0.29)	0.1	(0.46)
Molise	<b>432</b>	(5.8)	462	(4.8)	453	(4.6)	<b>487</b>	(7.2)	<b>17.2</b>	(3.6)	<b>1.7</b>	(0.25)	3.0	(1.16)
Piemonte	508	(12.6)	498	(12.6)	489	(17.6)	498	(12.6)	-5.2	(10.1)	0.7	(0.19)	0.2	(0.79)
Puglia	471	(9.6)	487	(18.4)	474	(20.5)	490	(22.4)	11.7	(8.6)	1.1	(0.21)	1.4	(2.17)
Sardegna	440	(21.2)	456	(18.2)	475	(13.9)	468	(9.5)	<b>16.5</b>	(6.0)	1.6	(0.49)	3.8	(3.19)
Sicilia	458	(13.4)	435	(12.1)	468	(15.8)	430	(10.5)	-10.2	(7.5)	0.8	(0.21)	1.1	(1.59)
Toscana	509	(23.3)	503	(25.8)	504	(23.9)	472	(29.8)	-2.9	(15.4)	0.8	(0.29)	0.0	(1.03)
Trento	508	(14.4)	516	(13.5)	540	(10.3)	541	(10.2)	<b>15.2</b>	(7.7)	1.5	(0.37)	2.7	(2.74)
Umbria	501	(7.4)	493	(13.8)	503	(15.4)	468	(24.9)	-11.2	(10.3)	0.8	(0.25)	1.3	(2.29)
Valle d'Aosta	<b>510</b>	(7.1)	504	(8.2)	474	(8.5)	<b>486</b>	(7.1)	-5.3	(3.3)	0.9	(0.16)	0.3	(0.33)
Veneto	523	(20.1)	533	(20.6)	509	(17.5)	527	(17.4)	2.9	(11.7)	1.1	(0.42)	0.1	(1.55)
<b>Mexico</b>														
Aguascalientes	<b>426</b>	(8.9)	419	(16.0)	430	(10.3)	<b>473</b>	(9.7)	<b>16.1</b>	(4.2)	1.2	(0.29)	4.9	(2.49)
Baja California	389	(8.2)	403	(12.6)	430	(10.7)	439	(16.6)	<b>14.9</b>	(5.3)	1.8	(0.45)	5.1	(2.93)
Baja California Sur	412	(20.5)	421	(16.1)	408	(12.3)	415	(12.2)	4.8	(5.2)	1.1	(0.26)	0.6	(1.27)
Campeche	374	(11.9)	390	(11.5)	394	(7.5)	424	(7.4)	<b>16.8</b>	(5.0)	<b>1.8</b>	(0.39)	6.6	(3.85)
Chiapas	349	(14.7)	366	(20.9)	396	(20.2)	381	(16.5)	11.1	(6.5)	1.6	(0.44)	2.4	(2.78)
Chihuahua	400	(17.3)	424	(18.3)	440	(14.5)	449	(12.8)	<b>20.2</b>	(9.5)	1.7	(0.46)	6.7	(5.86)
Coahuila	400	(20.9)	413	(16.2)	417	(11.6)	442	(19.1)	13.9	(7.7)	1.5	(0.41)	4.7	(5.24)
Colima	386	(14.9)	417	(15.0)	448	(11.8)	466	(12.1)	<b>24.8</b>	(5.7)	<b>2.6</b>	(0.52)	14.6	(6.35)
Distrito Federal	<b>405</b>	(11.2)	418	(10.8)	437	(14.8)	<b>452</b>	(19.3)	<b>16.2</b>	(6.3)	1.6	(0.54)	6.2	(5.42)
Durango	397	(11.2)	415	(21.2)	430	(10.4)	456	(10.5)	<b>22.1</b>	(5.9)	1.8	(0.45)	7.7	(3.88)
Guanajuato	364	(11.3)	405	(17.2)	446	(10.1)	432	(10.6)	<b>19.9</b>	(4.2)	<b>3.0</b>	(0.79)	11.9	(4.32)
Guerrero	358	(7.3)	371	(12.9)	376	(14.6)	367	(15.7)	3.4	(4.1)	1.2	(0.24)	0.3	(0.92)
Hidalgo	<b>370</b>	(12.2)	403	(14.0)	424	(18.0)	<b>429</b>	(10.3)	<b>16.9</b>	(6.7)	<b>2.2</b>	(0.53)	7.2	(4.42)
Jalisco	428	(11.1)	432	(18.9)	434	(13.4)	445	(14.0)	4.6	(5.4)	1.1	(0.26)	0.6	(1.35)
Mexico	406	(10.6)	409	(8.2)	408	(14.5)	446	(14.9)	<b>19.8</b>	(7.0)	1.4	(0.42)	7.4	(5.71)
Morelos	405	(13.6)	395	(23.0)	426	(18.9)	460	(21.4)	<b>20.0</b>	(8.4)	1.5	(0.46)	8.0	(6.00)
Nayarit	410	(14.2)	398	(17.4)	417	(9.2)	435	(9.5)	<b>15.1</b>	(5.0)	1.1	(0.30)	4.5	(3.25)
Nuevo León	<b>413</b>	(15.3)	415	(18.3)	454	(11.5)	<b>463</b>	(12.7)	<b>15.6</b>	(4.8)	1.6	(0.36)	7.2	(4.10)
Puebla	393	(11.0)	395	(13.8)	412	(11.0)	462	(6.9)	<b>28.0</b>	(5.1)	1.7	(0.43)	12.8	(3.26)
Querétaro	403	(10.2)	429	(23.7)	452	(14.1)	455	(11.1)	<b>18.1</b>	(6.0)	<b>1.8</b>	(0.41)	6.1	(3.65)
Quintana Roo	383	(14.9)	396	(10.3)	428	(9.2)	436	(10.0)	<b>23.0</b>	(4.1)	1.8	(0.48)	10.1	(3.25)
San Luis Potosí	385	(12.9)	403	(14.4)	416	(13.5)	444	(15.8)	<b>25.3</b>	(6.0)	1.8	(0.43)	11.1	(5.65)
Sinaloa	405	(10.1)	410	(14.6)	418	(13.8)	415	(14.9)	7.2	(9.7)	1.1	(0.25)	0.5	(1.56)
Tabasco	346	(10.0)	360	(10.6)	393	(13.5)	414	(12.5)	<b>20.6</b>	(3.8)	2.0	(0.57)	8.8	(3.07)
Tamaulipas	410	(23.5)	402	(13.8)	396	(13.8)	437	(15.0)	10.5	(7.2)	1.2	(0.32)	2.7	(3.71)
Tlaxcala	397	(16.3)	418	(13.5)	417	(8.6)	412	(14.9)	9.2	(6.9)	1.5	(0.43)	1.9	(2.89)
Veracruz	398	(9.7)	390	(14.0)	411	(19.9)	410	(25.6)	8.9	(9.3)	0.8	(0.21)	1.5	(3.41)
Yucatán	370	(8.9)	412	(10.4)	429	(10.1)	429	(11.6)	<b>23.9</b>	(4.9)	<b>2.2</b>	(0.37)	9.5	(3.28)
Zacatecas	404	(7.9)	411	(13.3)	402	(11.6)	419	(10.8)	4.6	(4.0)	1.1	(0.23)	0.6	(0.80)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.16 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>





[Part 4/4]

## Index of quality of schools' educational resources and mathematics performance, by region


Table B2.IV.9 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
	<b>OECD</b>													
<b>Portugal</b>														
Alentejo	488	(15.9)	493	(28.8)	475	(29.8)	508	(23.3)	7.8	(13.5)	0.9	(0.35)	0.6	(2.23)
<b>Spain</b>														
Andalusia*	468	(9.1)	475	(11.4)	472	(10.7)	473	(8.7)	1.7	(5.6)	1.1	(0.18)	0.0	(0.22)
Aragon	503	(11.1)	499	(16.2)	497	(13.8)	486	(10.7)	-5.0	(4.6)	0.8	(0.17)	0.3	(0.54)
Asturias*	490	(14.4)	486	(12.0)	507	(10.7)	515	(8.8)	<b>15.0</b>	(7.4)	1.2	(0.26)	1.8	(1.98)
Balearic Islands*	471	(8.2)	467	(9.0)	459	(10.9)	503	(8.4)	<b>12.8</b>	(5.5)	1.1	(0.21)	1.6	(1.08)
Basque Country*	512	(5.5)	494	(7.5)	508	(5.2)	508	(6.3)	-2.3	(3.1)	0.9	(0.09)	0.1	(0.23)
Cantabria*	496	(8.5)	488	(9.3)	488	(8.4)	493	(10.9)	0.8	(7.2)	0.9	(0.19)	0.0	(0.41)
Castile and Leon*	501	(12.1)	517	(9.5)	517	(8.7)	501	(8.4)	-1.6	(6.4)	1.3	(0.24)	0.0	(0.49)
Catalonia*	472	(14.4)	493	(15.7)	506	(9.0)	502	(13.2)	9.7	(7.0)	1.6	(0.34)	1.2	(1.67)
Extremadura*	476	(11.6)	461	(10.9)	459	(11.5)	451	(9.6)	-6.0	(4.6)	0.8	(0.15)	0.5	(0.76)
Galicia*	491	(10.6)	491	(11.5)	493	(9.0)	481	(10.3)	-7.5	(7.1)	1.0	(0.20)	0.5	(0.92)
La Rioja*	503	(6.1)	490	(6.8)	512	(4.8)	509	(5.1)	<b>5.6</b>	(2.6)	0.9	(0.11)	0.3	(0.28)
Madrid*	507	(8.6)	490	(10.8)	504	(14.2)	515	(15.1)	5.3	(7.8)	0.9	(0.14)	0.3	(0.78)
Murcia*	454	(8.4)	450	(10.6)	468	(15.1)	474	(11.1)	6.1	(6.2)	1.1	(0.19)	0.4	(0.75)
Navarre*	512	(5.3)	516	(8.9)	522	(8.3)	516	(6.0)	4.3	(3.5)	1.1	(0.12)	0.1	(0.23)
<b>United Kingdom</b>														
England	<b>495</b>	(8.3)	500	(7.1)	489	(7.8)	<b>504</b>	(13.8)	2.8	(6.7)	1.0	(0.17)	0.1	(0.57)
Northern Ireland	<b>471</b>	(9.0)	491	(13.9)	485	(13.2)	<b>488</b>	(13.7)	8.0	(6.5)	1.2	(0.19)	0.7	(1.23)
Scotland*	<b>500</b>	(6.2)	501	(6.0)	487	(8.5)	<b>503</b>	(6.9)	-0.7	(3.3)	0.9	(0.13)	0.0	(0.17)
Wales	464	(5.5)	467	(7.3)	483	(5.9)	462	(5.7)	0.1	(2.8)	1.1	(0.13)	0.0	(0.11)
<b>United States</b>														
Connecticut*	480	(9.7)	491	(13.9)	521	(15.2)	531	(10.5)	<b>20.9</b>	(5.5)	<b>1.6</b>	(0.28)	5.5	(3.00)
Florida*	476	(15.9)	474	(15.4)	457	(15.1)	471	(15.0)	-1.0	(6.8)	0.8	(0.19)	0.0	(0.47)
Massachusetts*	505	(12.3)	496	(18.2)	531	(18.9)	522	(15.8)	7.5	(6.5)	1.0	(0.23)	0.9	(1.47)
<b>Partners</b>														
<b>Argentina</b>														
Ciudad Autónoma de Buenos Aires*	341	(24.0)	411	(12.9)	455	(12.4)	463	(11.1)	<b>35.9</b>	(6.5)	<b>3.9</b>	(0.98)	29.4	(9.73)
<b>Brazil</b>														
Acre	360	(11.8)	358	(10.8)	349	(12.2)	368	(19.0)	3.3	(9.8)	0.9	(0.25)	0.1	(0.91)
Alagoas	328	(18.6)	333	(20.7)	323	(17.0)	387	(22.2)	<b>19.7</b>	(7.5)	1.1	(0.35)	8.7	(4.97)
Amapá	<b>341</b>	(10.0)	373	(19.9)	340	(20.9)	<b>387</b>	(17.1)	17.2	(12.7)	1.5	(0.50)	5.9	(6.46)
Amazonas	351	(9.7)	357	(10.7)	350	(14.5)	365	(18.5)	15.8	(11.6)	1.1	(0.32)	4.9	(7.10)
Bahia	345	(16.8)	353	(23.0)	c	c	c	c	<b>28.8</b>	(11.6)	1.6	(0.73)	13.8	(7.65)
Ceará	353	(12.8)	388	(23.4)	386	(22.1)	386	(21.3)	18.8	(10.0)	1.6	(0.55)	5.9	(6.30)
Espírito Santo	<b>383</b>	(12.5)	409	(20.3)	394	(16.9)	<b>471</b>	(19.4)	<b>31.8</b>	(14.7)	1.6	(0.51)	10.9	(9.89)
Federal District	388	(26.0)	383	(19.6)	389	(24.9)	c	c	20.2	(12.7)	1.5	(0.78)	9.5	(9.15)
Goiás	<b>366</b>	(15.5)	365	(9.5)	361	(14.9)	<b>424</b>	(16.9)	<b>25.2</b>	(7.6)	1.2	(0.53)	15.4	(10.25)
Maranhão	337	(17.9)	334	(32.1)	341	(37.3)	361	(36.8)	5.7	(18.4)	1.1	(0.49)	0.3	(2.63)
Mato Grosso	342	(14.4)	366	(8.9)	368	(12.7)	405	(30.6)	<b>33.3</b>	(10.3)	1.7	(0.57)	20.2	(13.76)
Mato Grosso do Sul	405	(11.9)	416	(21.5)	385	(17.2)	427	(17.7)	13.9	(10.7)	0.9	(0.32)	3.3	(6.14)
Minas Gerais	<b>388</b>	(8.8)	394	(6.0)	396	(19.9)	<b>435</b>	(19.9)	<b>18.6</b>	(7.4)	1.3	(0.29)	6.8	(5.39)
Pará	<b>333</b>	(10.6)	341	(9.9)	358	(15.1)	<b>407</b>	(8.8)	<b>20.3</b>	(4.5)	1.4	(0.46)	17.2	(3.57)
Paraíba	345	(26.3)	393	(15.4)	395	(22.5)	c	c	<b>38.9</b>	(6.8)	<b>3.0</b>	(0.96)	27.1	(8.01)
Paraná	406	(9.7)	384	(9.7)	382	(16.7)	442	(43.9)	18.4	(21.2)	<b>0.6</b>	(0.14)	3.2	(6.48)
Pernambuco	361	(11.0)	370	(14.0)	362	(15.1)	361	(18.5)	5.7	(11.1)	0.9	(0.29)	0.5	(1.65)
Piauí	361	(11.3)	370	(12.1)	394	(49.8)	416	(26.9)	<b>24.5</b>	(7.0)	1.2	(0.48)	12.0	(9.57)
Rio de Janeiro	<b>364</b>	(15.8)	370	(7.9)	394	(34.5)	<b>419</b>	(16.6)	<b>29.2</b>	(9.9)	1.7	(0.56)	9.6	(5.98)
Rio Grande do Norte	<b>354</b>	(7.8)	348	(14.5)	360	(13.6)	<b>460</b>	(36.6)	<b>31.4</b>	(8.0)	1.1	(0.31)	27.3	(12.56)
Rio Grande do Sul	372	(17.8)	430	(20.6)	409	(12.9)	417	(14.2)	<b>12.9</b>	(5.1)	<b>2.2</b>	(0.57)	6.9	(6.34)
Rondônia	380	(6.9)	390	(19.2)	376	(9.3)	383	(10.7)	2.4	(8.9)	1.1	(0.29)	0.1	(1.05)
Roraima	344	(9.5)	340	(10.8)	372	(18.0)	392	(30.2)	<b>21.7</b>	(8.0)	1.4	(0.42)	9.7	(7.47)
Santa Catarina	411	(12.3)	422	(24.0)	380	(15.9)	449	(28.0)	<b>20.0</b>	(8.4)	1.0	(0.28)	5.3	(5.25)
São Paulo	<b>388</b>	(7.2)	386	(7.7)	402	(10.4)	<b>438</b>	(13.8)	<b>18.4</b>	(6.4)	1.1	(0.20)	5.8	(4.03)
Sergipe	407	(33.0)	370	(15.7)	388	(19.9)	371	(13.0)	-18.2	(13.5)	0.6	(0.34)	3.6	(5.50)
Tocantins	373	(11.3)	333	(8.3)	355	(20.5)	401	(20.2)	<b>31.8</b>	(14.9)	0.7	(0.23)	5.4	(5.12)
<b>Colombia</b>														
Bogota	383	(6.5)	387	(7.3)	401	(9.7)	400	(10.3)	3.6	(4.5)	1.4	(0.21)	0.3	(0.83)
Cali	383	(14.1)	362	(9.9)	375	(15.1)	398	(15.5)	3.5	(4.3)	0.7	(0.24)	0.6	(1.65)
Manizales	<b>375</b>	(5.7)	382	(9.3)	405	(15.4)	<b>451</b>	(15.4)	<b>23.1</b>	(4.9)	<b>1.8</b>	(0.35)	13.9	(4.44)
Medellin	373	(8.7)	373	(13.2)	390	(15.3)	437	(19.2)	<b>19.7</b>	(5.1)	1.2	(0.31)	11.5	(4.98)
<b>Russian Federation</b>														
Perm Territory region*	472	(11.6)	479	(13.2)	482	(12.9)	506	(20.1)	9.3	(7.2)	1.2	(0.26)	1.1	(1.52)
<b>United Arab Emirates</b>														
Abu Dhabi*	404	(7.9)	415	(9.9)	429	(10.1)	441	(11.3)	<b>11.3</b>	(3.9)	1.3	(0.21)	2.8	(1.82)
Ajman	404	(22.0)	389	(20.4)	411	(15.7)	410	(8.3)	-0.1	(4.4)	1.0	(0.30)	0.0	(0.43)
Dubai*	<b>422</b>	(2.4)	474	(2.8)	467	(3.0)	<b>496</b>	(3.0)	<b>24.1</b>	(1.2)	<b>2.1</b>	(0.13)	9.0	(0.86)
Fujairah	380	(6.5)	422	(16.5)	411	(20.6)	431	(25.8)	<b>23.1</b>	(10.9)	1.8	(0.48)	6.1	(6.35)
Ras Al Khaimah	397	(22.2)	399	(19.3)	431	(12.3)	435	(10.2)	<b>12.6</b>	(5.2)	1.6	(0.71)	3.9	(3.31)
Sharjah	416	(15.2)	439	(17.2)	450	(18.4)	451	(24.2)	12.8	(9.2)	1.4	(0.35)	3.0	(3.97)
Umm Al Quwain	389	(9.8)	c	c	379	(6.1)	c	c	2.9	(3.3)	1.0	(0.26)	0.2	(0.49)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.16 for national data.

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[Part 1/4]  
**Students' learning time in school, by region**

Table B2.IV.10 *Results based on students' self-reports*

	Total class periods per week				Regular mathematics lessons				Regular language-of-instruction lessons			
	Number of all class periods in a normal full week of school (class periods)		Variability in total class periods		Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time	
	Mean	S.E.	Standard deviation	S.E.	Mean	S.E.	Standard deviation	S.E.	Mean	S.E.	Standard deviation	S.E.
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	28.1	(0.4)	7.7	(0.6)	219.1	(2.4)	51.5	(2.9)	217.3	(2.6)	48.5	(3.1)
New South Wales	28.6	(0.3)	8.0	(0.3)	233.8	(1.7)	58.4	(1.8)	231.0	(1.6)	56.8	(1.6)
Northern territory	26.3	(0.8)	7.5	(0.8)	251.1	(4.1)	48.9	(6.1)	252.2	(4.0)	52.5	(5.8)
Queensland	24.8	(0.5)	8.9	(0.4)	227.3	(3.0)	61.3	(4.0)	222.0	(2.7)	50.7	(4.4)
South Australia	30.4	(0.6)	8.0	(0.5)	232.2	(3.5)	63.0	(4.5)	230.9	(3.5)	59.3	(5.0)
Tasmania	26.1	(0.4)	8.7	(0.5)	245.0	(3.5)	79.7	(4.3)	237.9	(2.8)	78.5	(3.8)
Victoria	28.2	(0.5)	8.1	(0.4)	241.9	(2.5)	59.0	(3.0)	240.7	(2.6)	58.7	(3.0)
Western Australia	27.4	(0.4)	7.7	(0.5)	248.9	(2.8)	58.2	(3.6)	245.0	(2.3)	46.5	(3.2)
<b>Belgium</b>												
Flemish community*	32.9	(0.1)	3.5	(0.2)	206.1	(2.1)	66.8	(2.4)	199.2	(1.6)	53.7	(4.3)
French community	31.4	(0.2)	6.3	(0.3)	230.7	(2.2)	73.0	(3.9)	241.2	(2.1)	63.0	(4.0)
German-speaking community	33.3	(0.2)	4.7	(0.4)	216.6	(2.9)	64.1	(2.0)	232.6	(2.5)	59.0	(4.1)
<b>Canada</b>												
Alberta	22.5	(0.5)	7.3	(0.5)	364.3	(7.9)	146.1	(6.3)	360.0	(8.1)	150.7	(7.4)
British Columbia	20.5	(0.3)	5.9	(0.3)	294.5	(11.3)	131.3	(3.7)	292.9	(10.6)	131.7	(3.7)
Manitoba	23.4	(0.5)	8.6	(0.5)	293.5	(5.2)	127.1	(4.3)	295.6	(5.5)	126.2	(5.3)
New Brunswick	25.2	(0.2)	4.4	(0.4)	292.7	(2.7)	57.2	(5.1)	291.1	(2.6)	58.9	(5.9)
Newfoundland and Labrador	26.4	(0.2)	4.6	(0.3)	256.6	(5.0)	112.6	(11.3)	229.4	(3.2)	60.0	(4.4)
Nova Scotia	23.9	(0.4)	5.7	(0.5)	321.3	(6.2)	89.1	(5.7)	293.2	(7.4)	112.4	(4.3)
Ontario	19.7	(0.2)	5.7	(0.2)	325.4	(5.0)	122.9	(2.7)	324.6	(4.9)	127.3	(3.3)
Prince Edward Island	20.8	(0.2)	5.7	(0.3)	338.1	(4.8)	121.0	(4.2)	347.8	(3.5)	106.6	(4.4)
Quebec	22.1	(0.2)	5.4	(0.3)	292.9	(3.7)	102.7	(3.1)	311.8	(4.5)	115.8	(3.8)
Saskatchewan	25.2	(0.3)	6.0	(0.3)	277.4	(2.8)	85.9	(6.3)	280.5	(2.3)	62.4	(4.0)
<b>Italy</b>												
Abruzzo	29.9	(0.2)	3.3	(0.1)	237.6	(5.6)	63.6	(2.7)	284.8	(4.1)	79.0	(3.8)
Basilicata	29.9	(0.2)	2.8	(0.1)	243.3	(4.0)	60.5	(3.2)	281.4	(3.2)	71.8	(1.7)
Bolzano	35.5	(0.1)	2.3	(0.3)	188.1	(2.2)	60.1	(2.0)	217.0	(1.9)	58.8	(2.5)
Calabria	30.2	(0.3)	3.3	(0.1)	237.4	(4.4)	55.1	(2.4)	295.9	(4.0)	78.9	(2.7)
Campania	29.6	(0.1)	3.1	(0.1)	243.2	(7.0)	64.3	(3.8)	302.4	(5.0)	85.9	(2.6)
Emilia Romagna	30.5	(0.2)	2.8	(0.1)	225.1	(4.7)	54.0	(2.6)	271.0	(4.1)	76.4	(4.6)
Friuli Venezia Giulia	31.0	(0.2)	3.3	(0.1)	227.9	(3.7)	56.7	(2.1)	267.3	(5.2)	75.9	(3.5)
Lazio	29.8	(0.3)	3.1	(0.1)	239.2	(5.4)	56.6	(3.2)	289.4	(4.8)	83.7	(3.2)
Liguria	30.1	(0.3)	3.2	(0.2)	224.4	(6.7)	60.9	(2.9)	262.0	(3.8)	69.0	(3.4)
Lombardia	30.0	(0.1)	2.7	(0.1)	224.9	(5.4)	55.8	(3.1)	259.0	(3.9)	66.2	(2.9)
Marche	31.2	(0.3)	3.4	(0.2)	224.8	(4.7)	58.5	(2.2)	276.9	(4.9)	72.7	(2.6)
Molise	29.9	(0.1)	2.9	(0.1)	239.7	(2.1)	56.7	(2.3)	282.0	(3.0)	73.8	(2.5)
Piemonte	30.3	(0.2)	2.9	(0.1)	231.3	(5.0)	61.1	(4.9)	273.4	(4.2)	78.3	(4.1)
Puglia	29.6	(0.1)	2.9	(0.1)	243.8	(5.2)	62.8	(2.5)	286.1	(3.6)	78.6	(2.7)
Sardegna	29.8	(0.2)	3.2	(0.1)	241.6	(5.8)	67.0	(3.9)	276.6	(4.3)	78.1	(3.9)
Sicilia	30.0	(0.2)	3.1	(0.1)	234.4	(5.3)	61.2	(2.2)	295.8	(5.3)	92.2	(3.3)
Toscana	30.7	(0.3)	3.2	(0.2)	235.5	(4.5)	56.7	(2.1)	274.6	(6.0)	79.7	(3.9)
Trento	33.2	(0.3)	2.6	(0.2)	205.1	(2.3)	50.4	(1.4)	252.8	(5.2)	74.4	(3.9)
Umbria	30.0	(0.2)	3.3	(0.1)	233.6	(3.8)	56.7	(2.9)	275.8	(4.2)	78.1	(3.6)
Valle d'Aosta	34.5	(0.1)	2.9	(0.1)	197.6	(1.8)	48.5	(3.1)	227.2	(2.5)	59.4	(3.2)
Veneto	30.2	(0.2)	2.8	(0.1)	218.0	(5.4)	52.3	(2.0)	253.0	(3.9)	71.5	(4.2)
<b>Mexico</b>												
Aguascalientes	31.7	(0.5)	9.5	(0.5)	245.1	(4.8)	101.3	(8.9)	219.2	(5.1)	90.2	(6.0)
Baja California	31.5	(1.5)	10.0	(1.1)	260.3	(5.9)	108.6	(18.4)	240.8	(4.8)	98.7	(9.2)
Baja California Sur	30.3	(0.7)	10.3	(0.7)	238.9	(3.5)	103.5	(8.2)	233.3	(9.4)	167.9	(38.6)
Campeche	28.2	(0.8)	11.7	(0.6)	264.5	(7.3)	115.6	(8.7)	237.2	(7.0)	114.4	(9.6)
Chiapas	27.8	(1.0)	13.2	(0.6)	238.1	(3.5)	95.3	(4.7)	211.6	(6.0)	88.5	(5.2)
Chihuahua	32.0	(0.6)	10.4	(1.5)	248.2	(4.9)	90.3	(8.9)	223.9	(5.0)	95.0	(10.9)
Coahuila	31.1	(1.5)	12.0	(0.7)	250.3	(9.1)	124.1	(15.5)	229.9	(9.8)	112.6	(10.0)
Colima	29.7	(0.7)	12.9	(0.7)	262.2	(5.9)	105.7	(6.6)	226.4	(3.6)	93.2	(5.0)
Distrito Federal	26.6	(1.4)	12.7	(0.8)	247.9	(9.8)	110.0	(11.2)	236.6	(9.1)	128.6	(19.1)
Durango	31.7	(0.6)	10.7	(1.0)	250.5	(4.6)	98.8	(11.7)	236.8	(7.3)	123.0	(19.2)
Guanajuato	27.3	(0.8)	11.6	(0.6)	232.1	(4.9)	95.6	(7.3)	222.5	(5.5)	105.0	(7.4)
Guerrero	27.8	(1.0)	14.5	(2.1)	250.6	(6.4)	134.2	(9.2)	235.6	(7.6)	157.3	(22.9)
Hidalgo	26.4	(1.0)	10.9	(0.6)	254.2	(8.7)	110.4	(8.6)	227.0	(7.1)	119.6	(12.6)
Jalisco	28.2	(0.7)	11.3	(0.5)	245.0	(5.0)	99.0	(6.4)	233.9	(5.2)	127.4	(22.9)
Mexico	30.1	(0.6)	11.7	(0.4)	275.9	(6.1)	132.0	(10.6)	266.9	(8.0)	157.6	(25.6)
Morelos	29.8	(0.9)	12.1	(0.9)	262.1	(7.1)	129.1	(13.7)	238.0	(5.5)	113.4	(9.2)
Nayarit	29.1	(0.6)	10.1	(0.4)	252.5	(5.8)	119.5	(9.6)	227.2	(7.2)	140.6	(14.3)
Nuevo León	33.6	(0.8)	10.0	(0.6)	244.5	(7.3)	127.4	(14.0)	212.7	(6.2)	104.7	(15.7)
Puebla	28.7	(0.5)	9.6	(0.5)	250.2	(7.4)	109.9	(18.3)	213.3	(6.0)	100.3	(13.2)
Querétaro	32.0	(0.8)	10.7	(1.2)	262.7	(6.4)	98.6	(11.1)	243.8	(5.9)	86.2	(8.9)
Quintana Roo	30.4	(0.8)	14.5	(2.0)	249.5	(3.7)	96.4	(7.0)	233.2	(3.9)	107.8	(11.3)
San Luis Potosí	30.7	(1.0)	10.3	(0.6)	247.3	(4.0)	84.1	(6.8)	223.6	(5.1)	87.3	(6.1)
Sinaloa	29.7	(0.7)	8.8	(0.4)	235.4	(4.5)	97.3	(12.0)	210.6	(5.9)	106.7	(19.0)
Tabasco	26.6	(0.9)	12.8	(0.9)	273.1	(6.0)	161.1	(14.9)	237.6	(9.1)	156.0	(22.3)
Tamaulipas	29.7	(0.8)	10.8	(0.4)	241.9	(5.4)	94.8	(8.6)	227.0	(6.9)	115.2	(16.3)
Tlaxcala	27.5	(1.0)	10.8	(0.4)	275.9	(7.2)	165.6	(22.9)	250.6	(7.0)	167.5	(21.2)
Veracruz	29.5	(0.7)	11.2	(1.2)	255.9	(9.5)	127.6	(11.7)	225.9	(6.4)	101.3	(10.9)
Yucatán	30.1	(0.7)	10.6	(1.1)	256.4	(4.8)	118.1	(13.5)	225.2	(6.0)	94.5	(8.0)
Zacatecas	30.0	(0.7)	10.4	(0.8)	241.6	(6.2)	103.8	(14.0)	217.6	(5.2)	101.8	(12.4)

\* PISA adjudicated region.

Note: See Table IV.3.21 for national data.

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[Part 2/4]  
Students' learning time in school, by region

Table B2.IV.10 Results based on students' self-reports

	Total class periods per week				Regular mathematics lessons				Regular language-of-instruction lessons			
	Number of all class periods in a normal full week of school (class periods)		Variability in total class periods		Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time	
	Mean	S.E.	Standard deviation	S.E.	Mean	S.E.	Standard deviation	S.E.	Mean	S.E.	Standard deviation	S.E.
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	24.8	(1.1)	9.6	(0.4)	299.9	(8.7)	118.0	(7.9)	250.7	(11.1)	104.7	(7.7)
<b>Spain</b>												
Andalusia*	30.2	(0.1)	0.9	(0.1)	237.0	(2.2)	52.4	(6.4)	215.2	(3.5)	67.8	(5.9)
Aragon*	30.3	(0.1)	1.0	(0.1)	208.4	(2.1)	40.6	(4.8)	213.5	(2.1)	38.6	(5.2)
Asturias*	30.4	(0.1)	1.1	(0.1)	188.3	(2.1)	41.8	(2.6)	220.9	(1.1)	31.3	(2.0)
Balearic Islands*	32.3	(0.1)	1.1	(0.0)	206.8	(1.2)	28.7	(0.9)	180.1	(1.5)	36.0	(3.8)
Basque Country*	30.8	(0.1)	1.5	(0.1)	212.5	(1.3)	34.3	(1.0)	198.4	(1.4)	36.1	(0.9)
Cantabria*	30.3	(0.1)	1.0	(0.1)	209.4	(1.8)	45.2	(5.4)	217.4	(1.7)	38.7	(2.7)
Castile and Leon*	30.3	(0.1)	1.2	(0.2)	211.7	(1.5)	31.0	(2.6)	215.8	(1.4)	31.6	(1.7)
Catalonia*	31.3	(0.1)	1.8	(0.1)	182.7	(2.4)	27.8	(2.6)	180.7	(2.0)	28.0	(3.2)
Extremadura*	30.2	(0.1)	0.9	(0.1)	218.8	(1.7)	38.2	(2.2)	219.0	(1.9)	41.9	(4.2)
Galicia*	31.8	(0.1)	1.2	(0.1)	174.7	(1.9)	38.9	(3.6)	159.4	(1.5)	35.2	(4.2)
La Rioja*	30.3	(0.0)	1.0	(0.1)	216.6	(1.1)	37.2	(2.5)	215.6	(1.5)	39.4	(3.0)
Madrid*	31.2	(0.2)	1.8	(0.2)	213.7	(4.2)	60.4	(6.7)	227.1	(3.1)	49.4	(6.3)
Murcia*	30.4	(0.1)	1.1	(0.1)	214.1	(1.2)	44.3	(6.0)	227.3	(1.4)	42.8	(6.2)
Navarre*	30.5	(0.1)	1.3	(0.1)	211.7	(1.4)	31.0	(1.4)	216.1	(1.8)	34.2	(3.3)
<b>United Kingdom</b>												
England	27.2	(0.4)	6.3	(0.4)	229.8	(2.6)	87.0	(5.5)	231.9	(3.0)	84.8	(4.7)
Northern Ireland	40.5	(0.9)	10.8	(0.3)	261.6	(7.2)	164.4	(14.3)	261.2	(6.5)	155.9	(11.5)
Scotland*	30.8	(0.2)	5.2	(0.3)	227.1	(3.2)	68.6	(8.5)	229.7	(3.4)	67.1	(8.9)
Wales	26.3	(0.2)	4.5	(0.3)	216.8	(2.4)	72.0	(4.3)	213.9	(2.4)	70.0	(3.1)
<b>United States</b>												
Connecticut*	28.9	(1.0)	11.4	(0.4)	233.2	(6.2)	103.1	(11.7)	231.8	(5.3)	89.3	(8.3)
Florida*	25.7	(1.0)	13.9	(0.6)	251.5	(7.7)	126.7	(7.4)	250.9	(6.9)	161.9	(20.7)
Massachusetts*	27.4	(0.8)	10.9	(0.8)	292.7	(15.5)	164.1	(22.0)	287.2	(14.3)	163.9	(21.3)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	23.6	(1.0)	10.3	(0.5)	327.0	(14.4)	183.6	(8.8)	300.4	(13.7)	175.2	(9.3)
<b>Brazil</b>												
Acre	20.3	(0.5)	8.8	(0.5)	222.6	(10.2)	133.0	(16.0)	211.9	(5.6)	113.7	(12.4)
Alagoas	21.2	(0.8)	9.4	(0.5)	238.1	(8.9)	117.2	(8.5)	225.8	(10.9)	128.4	(14.2)
Amapá	22.7	(1.3)	10.9	(0.7)	209.7	(8.0)	117.0	(10.6)	227.5	(9.3)	130.0	(9.7)
Amazonas	21.6	(0.7)	9.3	(0.6)	199.7	(6.9)	85.3	(8.1)	203.3	(4.9)	82.5	(6.4)
Bahia	23.8	(1.1)	9.1	(0.9)	184.3	(4.5)	80.8	(4.5)	177.3	(8.8)	79.6	(7.7)
Ceará	22.8	(1.4)	10.7	(1.3)	239.2	(10.4)	130.0	(7.8)	224.7	(9.7)	124.3	(6.1)
Espírito Santo	24.8	(0.5)	7.4	(0.5)	208.7	(5.8)	50.7	(3.1)	203.4	(5.7)	53.6	(3.7)
Federal District	27.9	(0.7)	9.7	(0.5)	207.5	(7.6)	92.2	(5.3)	210.3	(14.2)	112.3	(14.4)
Goiás	25.3	(0.7)	10.0	(0.5)	199.3	(5.0)	66.8	(3.6)	194.6	(6.1)	79.4	(6.6)
Maranhão	24.3	(1.5)	11.3	(0.5)	196.3	(8.2)	94.4	(12.0)	202.7	(12.1)	88.8	(9.6)
Mato Grosso	19.9	(1.1)	8.2	(0.5)	216.8	(9.9)	136.3	(17.4)	223.8	(8.1)	131.3	(12.0)
Mato Grosso do Sul	23.7	(0.6)	7.8	(0.4)	179.6	(5.5)	75.0	(5.2)	180.4	(7.0)	86.7	(7.8)
Minas Gerais	24.4	(0.6)	8.3	(0.7)	210.3	(4.9)	56.9	(2.8)	202.2	(6.8)	59.6	(3.5)
Pará	23.2	(0.8)	10.5	(0.4)	225.7	(6.6)	122.6	(12.2)	214.2	(13.1)	111.6	(7.9)
Paraíba	28.3	(0.8)	8.3	(0.8)	211.5	(5.1)	64.5	(5.0)	206.5	(2.6)	72.7	(4.3)
Paraná	24.3	(1.0)	8.6	(0.7)	188.4	(6.6)	70.0	(5.6)	179.7	(5.3)	73.9	(3.5)
Pernambuco	26.2	(1.3)	10.0	(1.2)	244.1	(11.1)	118.7	(9.5)	243.0	(10.1)	116.9	(12.7)
Piauí	27.7	(0.9)	11.9	(0.5)	219.4	(8.1)	95.9	(6.5)	202.9	(7.3)	84.9	(7.4)
Rio de Janeiro	25.8	(0.7)	9.3	(0.6)	245.1	(8.1)	142.0	(16.4)	228.8	(10.4)	129.2	(6.8)
Rio Grande do Norte	24.5	(1.0)	8.8	(0.7)	198.2	(10.2)	94.3	(8.1)	210.4	(9.0)	98.7	(7.0)
Rio Grande do Sul	24.9	(0.3)	6.1	(0.3)	193.9	(4.0)	71.8	(8.0)	180.1	(5.4)	68.3	(5.9)
Rondônia	19.8	(0.9)	6.5	(0.8)	176.7	(7.5)	85.3	(7.0)	188.5	(5.1)	72.9	(4.0)
Roraima	21.0	(0.8)	8.1	(0.5)	214.7	(8.1)	92.8	(11.2)	200.6	(2.9)	76.2	(4.0)
Santa Catarina	24.9	(0.6)	8.5	(0.7)	163.6	(7.6)	86.5	(23.9)	148.9	(4.3)	61.6	(10.0)
São Paulo	26.5	(0.4)	9.3	(0.4)	230.4	(3.7)	86.7	(5.4)	225.2	(4.3)	83.2	(4.1)
Sergipe	25.8	(1.2)	8.9	(0.5)	206.2	(6.7)	92.0	(9.3)	201.0	(12.1)	93.4	(14.6)
Tocantins	22.9	(0.6)	9.6	(0.7)	213.8	(3.4)	79.9	(2.9)	221.9	(5.5)	77.2	(4.2)
<b>Colombia</b>												
Bogota	21.1	(0.6)	9.7	(0.4)	283.3	(14.0)	162.4	(10.1)	235.0	(9.0)	120.8	(4.9)
Cali	22.4	(0.7)	10.8	(0.4)	265.8	(11.3)	153.8	(8.9)	234.4	(6.8)	129.4	(5.8)
Manizales	25.5	(0.5)	9.3	(0.3)	268.9	(8.1)	125.2	(9.7)	229.7	(5.4)	98.8	(5.8)
Medellin	25.3	(0.7)	9.9	(0.3)	255.7	(6.4)	127.0	(6.1)	232.6	(7.2)	109.0	(4.7)
<b>Russian Federation</b>												
Perm Territory region*	33.1	(0.2)	3.5	(0.1)	220.7	(4.8)	63.8	(3.7)	142.2	(4.1)	53.5	(3.4)
<b>United Arab Emirates</b>												
Abu Dhabi*	35.3	(0.5)	10.2	(0.3)	364.5	(7.2)	183.2	(7.9)	283.1	(4.7)	119.6	(4.7)
Ajman	32.1	(0.6)	8.9	(0.7)	268.4	(3.5)	75.7	(5.9)	285.6	(3.6)	76.7	(4.8)
Dubai*	32.4	(0.2)	9.6	(0.2)	271.2	(2.4)	100.4	(3.8)	248.3	(1.4)	83.5	(2.3)
Fujairah	31.3	(0.8)	10.3	(0.5)	278.8	(5.2)	100.2	(6.0)	273.6	(9.4)	109.3	(9.8)
Ras Al Khaimah	32.2	(0.6)	8.7	(0.5)	278.5	(6.2)	110.7	(13.0)	263.9	(7.2)	85.1	(7.3)
Sharjah	31.9	(0.7)	9.3	(0.7)	291.1	(8.3)	107.2	(17.7)	270.7	(6.9)	86.5	(7.3)
Umm Al Quwain	30.7	(0.8)	9.2	(0.7)	273.4	(4.5)	76.2	(5.2)	273.3	(5.6)	79.3	(6.1)

\* PISA adjudicated region.

Note: See Table IV.3.21 for national data.

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[Part 3/4]  
**Students' learning time in school, by region**  
 Results based on students' self-reports

Table B2.IV.10

	Regular science lessons				Regular mathematics, language-of-instruction and science lessons			
	Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time	
	Mean	S.E.	Standard deviation	S.E.	Mean	S.E.	Standard deviation	S.E.
<b>OECD</b>								
<b>Australia</b>								
Australian capital territory	217.9	(2.8)	56.3	(4.1)	653.0	(7.5)	144.2	(9.1)
New South Wales	223.6	(1.7)	59.6	(1.9)	686.0	(4.6)	157.8	(4.6)
Northern territory	243.5	(6.4)	72.9	(6.0)	736.3	(12.0)	134.9	(18.9)
Queensland	231.5	(3.1)	71.2	(3.1)	677.4	(8.3)	153.8	(11.9)
South Australia	229.9	(3.8)	63.7	(5.0)	692.4	(11.1)	176.3	(14.1)
Tasmania	219.7	(3.7)	78.7	(4.9)	682.9	(8.4)	173.8	(10.6)
Victoria	219.6	(3.1)	64.2	(3.2)	698.2	(6.5)	150.6	(7.3)
Western Australia	252.4	(3.7)	73.6	(6.1)	747.0	(9.1)	155.9	(11.2)
<b>Belgium</b>								
Flemish community*	196.6	(4.2)	119.3	(4.2)	608.2	(5.4)	164.7	(6.4)
French community	187.9	(3.0)	97.0	(4.4)	661.7	(5.5)	174.6	(7.9)
German-speaking community	162.5	(4.8)	113.8	(15.2)	617.8	(6.8)	164.9	(10.3)
<b>Canada</b>								
Alberta	365.6	(8.7)	149.8	(5.8)	1091.1	(23.8)	392.5	(18.6)
British Columbia	295.1	(10.5)	136.4	(4.0)	882.3	(32.2)	369.3	(11.5)
Manitoba	287.5	(5.5)	134.5	(5.2)	877.0	(13.8)	324.9	(12.8)
New Brunswick	277.1	(3.4)	81.7	(4.3)	861.1	(8.1)	162.7	(14.6)
Newfoundland and Labrador	261.0	(6.7)	126.8	(14.6)	747.3	(11.5)	244.1	(23.5)
Nova Scotia	277.2	(15.2)	130.0	(4.3)	889.6	(27.9)	275.3	(10.4)
Ontario	321.2	(4.7)	131.2	(3.3)	974.6	(14.1)	329.3	(9.0)
Prince Edward Island	338.0	(4.4)	120.0	(4.7)	1024.7	(10.8)	286.9	(10.4)
Quebec	278.3	(4.1)	114.5	(2.9)	880.4	(10.5)	272.8	(7.9)
Saskatchewan	242.0	(4.0)	97.9	(3.0)	798.8	(6.8)	182.1	(7.4)
<b>Italy</b>								
Abruzzo	127.7	(1.7)	41.8	(3.2)	649.9	(7.0)	121.8	(6.3)
Basilicata	141.2	(3.3)	65.8	(6.9)	666.1	(5.3)	130.0	(4.2)
Bolzano	138.6	(2.9)	98.3	(2.6)	547.8	(5.4)	159.2	(3.7)
Calabria	130.8	(2.3)	44.8	(3.4)	662.6	(7.5)	115.0	(3.9)
Campania	135.4	(3.6)	55.4	(4.6)	682.1	(8.2)	129.1	(7.4)
Emilia Romagna	137.7	(4.6)	73.1	(7.3)	635.6	(7.0)	126.6	(6.8)
Friuli Venezia Giulia	144.4	(6.2)	75.9	(5.3)	642.2	(11.7)	137.1	(6.9)
Lazio	135.5	(4.0)	55.0	(6.1)	664.5	(8.6)	122.5	(4.2)
Liguria	128.8	(3.7)	58.8	(5.2)	615.3	(10.3)	121.4	(6.2)
Lombardia	137.7	(4.2)	67.2	(6.2)	624.5	(10.5)	123.1	(6.9)
Marche	135.9	(4.2)	68.3	(8.1)	637.1	(8.0)	135.3	(7.2)
Molise	132.2	(1.9)	44.3	(2.8)	653.8	(4.3)	111.2	(3.4)
Piemonte	139.0	(5.7)	69.0	(8.9)	644.6	(10.4)	144.0	(10.6)
Puglia	141.2	(4.8)	69.1	(10.5)	671.7	(9.0)	140.7	(9.9)
Sardegna	132.5	(3.1)	50.8	(3.9)	650.8	(7.4)	128.3	(10.2)
Sicilia	129.5	(3.0)	47.1	(3.9)	659.2	(6.5)	127.0	(4.5)
Toscana	134.4	(1.9)	50.0	(2.8)	644.0	(9.9)	123.7	(5.8)
Trento	144.9	(3.8)	69.8	(4.0)	601.3	(5.6)	120.8	(3.6)
Umbria	131.8	(2.8)	51.5	(6.0)	640.9	(6.8)	118.5	(5.6)
Valle d'Aosta	124.6	(2.2)	57.5	(2.6)	550.1	(4.8)	110.4	(7.0)
Veneto	131.9	(5.0)	62.5	(4.2)	606.1	(10.9)	126.8	(6.6)
<b>Mexico</b>								
Aguascalientes	238.1	(5.1)	131.0	(17.7)	701.7	(11.1)	265.9	(27.5)
Baja California	255.5	(9.7)	112.4	(12.9)	758.8	(11.1)	254.8	(27.4)
Baja California Sur	252.4	(5.2)	126.1	(7.5)	723.6	(13.9)	299.7	(33.3)
Campeche	270.1	(10.5)	159.2	(18.9)	770.5	(19.8)	297.1	(22.9)
Chiapas	234.6	(5.1)	128.0	(9.7)	685.9	(11.2)	245.2	(9.7)
Chihuahua	254.1	(7.9)	127.0	(23.4)	729.0	(16.2)	247.8	(26.0)
Coahuila	263.6	(11.9)	158.6	(17.6)	741.5	(27.2)	319.6	(24.5)
Colima	279.7	(9.0)	154.8	(12.3)	771.8	(17.6)	294.0	(20.5)
Distrito Federal	253.9	(7.5)	144.4	(21.4)	741.6	(23.5)	301.9	(24.6)
Durango	250.6	(6.4)	126.5	(15.9)	739.5	(11.0)	242.3	(14.8)
Guanajuato	228.5	(5.1)	131.4	(6.4)	685.3	(11.7)	261.5	(12.1)
Guerrero	263.6	(8.1)	172.2	(14.9)	747.4	(17.9)	357.5	(19.1)
Hidalgo	241.3	(7.8)	111.2	(6.3)	725.7	(20.5)	274.9	(18.9)
Jalisco	281.9	(9.9)	161.7	(19.1)	755.5	(13.0)	289.4	(16.2)
Mexico	240.0	(11.6)	163.7	(13.3)	771.2	(16.6)	330.7	(27.1)
Morelos	256.3	(7.2)	128.4	(9.7)	747.7	(16.9)	317.1	(28.8)
Nayarit	226.5	(9.2)	156.7	(15.9)	715.6	(19.6)	348.8	(31.6)
Nuevo León	250.5	(6.5)	152.6	(13.5)	707.1	(15.5)	279.1	(21.2)
Puebla	251.2	(6.3)	105.3	(6.7)	710.2	(16.0)	224.3	(14.4)
Querétaro	272.0	(6.8)	127.9	(11.7)	778.6	(15.6)	251.8	(23.8)
Quintana Roo	251.5	(5.4)	125.2	(21.3)	730.5	(11.6)	240.5	(13.7)
San Luis Potosí	251.6	(7.0)	110.5	(8.0)	728.1	(13.5)	236.8	(17.9)
Sinaloa	260.7	(7.2)	139.4	(16.1)	704.5	(14.4)	258.5	(27.0)
Tabasco	274.6	(11.9)	202.6	(29.6)	778.0	(24.3)	384.7	(21.8)
Tamaulipas	245.5	(8.3)	131.6	(13.7)	712.3	(17.0)	279.7	(25.1)
Tlaxcala	273.7	(9.5)	157.8	(13.0)	790.2	(17.3)	359.2	(17.1)
Veracruz	244.8	(8.7)	127.1	(10.2)	726.9	(20.4)	287.5	(17.6)
Yucatán	267.2	(7.0)	136.1	(12.9)	749.9	(13.3)	265.5	(11.6)
Zacatecas	246.4	(5.4)	124.1	(14.6)	709.7	(13.2)	251.0	(21.7)

\* PISA adjudicated region.

Note: See Table IV.3.21 for national data.

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[Part 4/4]  
**Students' learning time in school, by region**  
 Results based on students' self-reports

Table B2.IV.10

	Regular science lessons				Regular mathematics, language-of-instruction and science lessons			
	Time per week spent learning (minutes)		Variability in learning time		Time per week spent learning (minutes)		Variability in learning time	
	Mean	S.E.	Standard deviation	S.E.	Mean	S.E.	Standard deviation	S.E.
<b>OECD</b>								
<b>Portugal</b>								
Alentejo	248.3	(13.8)	207.9	(17.5)	813.4	(26.6)	333.8	(19.8)
<b>Spain</b>								
Andalusia*	206.6	(4.3)	109.2	(6.0)	663.3	(8.2)	175.8	(20.3)
Aragon*	168.9	(3.6)	87.0	(4.9)	590.0	(6.2)	131.7	(17.4)
Asturias*	180.9	(4.2)	84.1	(2.4)	590.7	(5.1)	111.8	(4.4)
Balearic Islands*	182.4	(3.5)	85.6	(3.1)	570.6	(5.3)	106.7	(3.3)
Basque Country*	193.7	(2.3)	81.8	(2.3)	605.4	(3.5)	105.4	(2.5)
Cantabria*	180.1	(3.3)	82.2	(3.4)	606.2	(5.4)	120.7	(6.1)
Castile and Leon*	180.4	(3.7)	93.7	(2.9)	609.8	(5.9)	118.3	(5.0)
Catalonia*	178.5	(4.0)	100.0	(3.5)	542.4	(6.5)	115.4	(5.5)
Extremadura*	185.2	(3.0)	85.0	(4.0)	624.1	(5.3)	133.1	(7.8)
Galicia*	160.0	(2.9)	78.6	(2.5)	492.7	(4.2)	106.4	(6.2)
La Rioja*	171.2	(3.4)	97.3	(2.9)	602.3	(4.7)	126.4	(5.4)
Madrid*	200.8	(3.2)	104.2	(4.2)	641.8	(8.5)	159.9	(15.0)
Murcia*	181.1	(4.7)	103.8	(4.4)	624.9	(5.9)	151.0	(17.6)
Navarre*	192.0	(3.3)	100.6	(3.2)	621.0	(4.5)	120.4	(3.9)
<b>United Kingdom</b>								
England	300.9	(4.3)	121.3	(6.3)	752.5	(7.6)	218.0	(11.2)
Northern Ireland	321.4	(6.2)	198.6	(8.6)	809.2	(13.1)	379.9	(20.6)
Scotland*	232.0	(4.5)	135.1	(5.9)	678.5	(7.3)	197.3	(16.6)
Wales	279.7	(3.5)	112.9	(4.9)	706.2	(7.0)	202.6	(10.5)
<b>United States</b>								
Connecticut*	255.1	(6.2)	144.2	(25.8)	716.2	(14.7)	248.5	(18.2)
Florida*	236.4	(5.0)	115.2	(8.1)	734.9	(16.9)	315.6	(16.3)
Massachusetts*	286.2	(11.2)	155.3	(12.8)	863.3	(35.3)	405.6	(48.1)
<b>Partners</b>								
<b>Argentina</b>								
Ciudad Autónoma de Buenos Aires*	244.6	(10.8)	182.6	(20.5)	786.5	(28.5)	420.1	(23.1)
<b>Brazil</b>								
Acre	127.3	(4.9)	81.4	(8.2)	542.0	(13.2)	247.5	(25.3)
Alagoas	148.8	(6.9)	80.0	(8.1)	592.6	(17.5)	234.2	(24.4)
Amapá	142.0	(8.1)	86.6	(7.4)	561.6	(16.7)	260.1	(26.6)
Amazonas	144.1	(8.3)	96.5	(18.4)	543.2	(15.8)	187.6	(15.6)
Bahia	143.1	(5.7)	91.1	(7.5)	491.3	(18.8)	189.2	(22.4)
Ceará	166.4	(14.4)	135.4	(22.8)	621.6	(31.7)	291.1	(20.7)
Espírito Santo	179.7	(13.0)	122.3	(16.8)	590.9	(10.9)	149.8	(10.6)
Federal District	198.1	(17.2)	132.2	(14.2)	617.4	(30.5)	264.4	(18.4)
Goiás	155.5	(7.6)	100.1	(10.3)	544.4	(13.6)	177.6	(12.8)
Maranhão	149.6	(12.0)	87.8	(5.8)	540.4	(22.7)	210.4	(26.4)
Mato Grosso	150.7	(11.8)	102.8	(13.5)	576.9	(25.8)	284.7	(21.8)
Mato Grosso do Sul	160.8	(10.1)	107.0	(15.8)	519.2	(18.6)	204.1	(9.8)
Minas Gerais	169.9	(7.9)	95.7	(10.4)	582.4	(13.1)	162.9	(14.4)
Pará	154.3	(5.1)	100.3	(9.6)	597.2	(15.7)	276.1	(22.2)
Paraíba	176.3	(4.3)	103.0	(7.4)	595.9	(9.8)	185.0	(9.7)
Paraná	178.7	(13.8)	113.4	(22.2)	544.0	(21.4)	197.1	(20.2)
Pernambuco	158.7	(7.9)	109.5	(12.4)	643.7	(23.8)	280.6	(30.1)
Piauí	167.1	(5.6)	103.2	(8.5)	584.7	(17.7)	216.7	(14.2)
Rio de Janeiro	176.5	(8.1)	125.2	(7.9)	647.7	(19.2)	334.2	(30.9)
Rio Grande do Norte	171.0	(7.9)	118.7	(11.9)	586.1	(17.9)	256.4	(20.1)
Rio Grande do Sul	145.5	(5.6)	75.2	(6.7)	516.5	(10.4)	160.7	(15.3)
Rondônia	139.1	(4.4)	75.3	(5.3)	495.1	(16.2)	181.6	(11.8)
Roraima	143.5	(7.2)	76.9	(10.7)	552.2	(15.2)	188.8	(11.9)
Santa Catarina	126.5	(8.5)	76.5	(12.6)	435.8	(15.3)	154.7	(16.9)
São Paulo	161.7	(8.0)	108.3	(10.2)	616.3	(11.9)	213.0	(10.4)
Sergipe	152.4	(9.4)	91.1	(9.7)	557.9	(15.3)	211.8	(29.1)
Tocantins	141.5	(5.9)	91.2	(8.9)	575.6	(11.7)	203.1	(12.3)
<b>Colombia</b>								
Bogota	209.2	(8.5)	137.4	(7.8)	725.6	(28.5)	344.2	(18.0)
Cali	196.6	(9.3)	132.9	(8.2)	689.0	(25.5)	357.3	(24.0)
Manizales	208.1	(11.1)	119.3	(6.9)	712.8	(17.6)	267.5	(14.7)
Medellin	202.5	(7.8)	119.2	(5.7)	687.2	(16.8)	299.1	(17.1)
<b>Russian Federation</b>								
Perm Territory region*	258.5	(7.3)	133.5	(2.9)	618.7	(9.3)	167.8	(5.3)
<b>United Arab Emirates</b>								
Abu Dhabi*	308.8	(6.8)	213.0	(12.7)	956.1	(14.9)	376.9	(13.8)
Ajman	270.2	(13.9)	183.3	(37.9)	823.9	(15.3)	243.5	(29.5)
Dubai*	316.5	(5.0)	213.8	(13.2)	835.8	(6.2)	292.7	(11.5)
Fujairah	260.9	(11.8)	165.8	(8.0)	816.0	(21.6)	276.8	(17.3)
Ras Al Khaimah	271.3	(13.2)	177.8	(14.5)	815.2	(17.5)	276.9	(19.9)
Sharjah	324.2	(12.1)	219.8	(16.7)	879.0	(18.2)	278.5	(16.7)
Umm Al Quwain	252.1	(12.7)	158.2	(17.3)	809.8	(15.3)	215.9	(11.5)

\* PISA adjudicated region.

Note: See Table IV.3.21 for national data.

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[Part 1/2]

## Percentage of students attending after-school lessons (hours per week), by region

Table B2.IV.11 Results based on students' self-reports

	Mathematics			Language of instruction			Science			Other subjects			
	No attendance	Less than 4 hours a week	4 hours a week or more	No attendance	Less than 4 hours a week	4 hours a week or more	No attendance	Less than 4 hours a week	4 hours a week or more	No attendance	Less than 4 hours a week	4 hours a week or more	
	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	
<b>OECD</b>													
<b>Australia</b>													
Australian capital territory	75.8 (2.0)	20.8 (1.7)	3.4 (0.9)	83.2 (1.8)	14.2 (1.6)	2.7 (0.8)	86.5 (1.7)	11.4 (1.6)	2.0 (0.5)	74.8 (2.2)	19.1 (2.0)	6.0 (1.1)	
New South Wales	69.0 (1.5)	25.8 (1.4)	5.1 (0.5)	78.5 (1.1)	17.2 (1.1)	4.3 (0.5)	84.5 (1.0)	12.4 (0.9)	3.1 (0.4)	77.2 (1.1)	16.9 (1.0)	5.8 (0.5)	
Northern territory	79.9 (3.3)	17.0 (3.2)	3.1 (1.3)	78.9 (2.5)	16.7 (2.4)	4.3 (1.6)	82.5 (3.7)	15.4 (4.0)	2.1 (1.0)	74.8 (2.7)	19.3 (3.0)	5.9 (2.4)	
Queensland	72.1 (1.2)	24.5 (1.2)	3.4 (0.4)	80.3 (1.0)	17.9 (1.0)	1.8 (0.3)	83.8 (0.9)	13.6 (0.9)	2.7 (0.4)	70.2 (1.1)	22.2 (1.1)	7.6 (0.7)	
South Australia	82.3 (1.5)	13.8 (1.3)	3.9 (0.6)	85.8 (1.3)	10.3 (1.1)	3.9 (0.7)	86.2 (1.2)	10.0 (1.0)	3.7 (0.6)	77.2 (1.4)	16.0 (1.2)	6.8 (0.9)	
Tasmania	77.7 (1.9)	16.5 (1.7)	5.8 (1.0)	81.5 (1.7)	14.1 (1.6)	4.4 (0.8)	84.4 (1.6)	11.8 (1.4)	3.8 (0.7)	69.5 (2.0)	21.8 (1.5)	8.7 (1.4)	
Victoria	74.8 (1.4)	21.7 (1.2)	3.6 (0.4)	80.9 (1.2)	16.3 (1.2)	2.9 (0.4)	85.9 (1.0)	12.0 (0.9)	2.1 (0.4)	74.3 (1.3)	19.7 (1.2)	5.9 (0.6)	
Western Australia	72.7 (1.4)	23.3 (1.4)	4.0 (0.6)	78.7 (1.3)	17.8 (1.2)	3.5 (0.7)	81.6 (1.2)	15.1 (1.1)	3.3 (0.6)	72.9 (1.8)	19.8 (1.6)	7.3 (0.9)	
<b>Belgium</b>													
Flemish community*	68.6 (1.0)	25.8 (0.9)	5.6 (0.4)	77.9 (0.9)	19.4 (0.8)	2.7 (0.3)	77.6 (1.0)	19.2 (0.9)	3.2 (0.4)	69.9 (1.0)	23.8 (0.9)	6.3 (0.5)	
French community	61.0 (1.1)	30.7 (1.1)	8.4 (0.8)	72.9 (0.8)	19.2 (0.9)	7.9 (0.6)	71.4 (1.1)	23.9 (1.2)	4.7 (0.5)	67.1 (1.1)	25.4 (1.1)	7.5 (0.7)	
German-speaking community	80.0 (1.7)	17.3 (1.5)	2.7 (0.8)	91.3 (1.3)	7.0 (1.2)	1.8 (0.6)	90.1 (1.4)	8.4 (1.2)	1.5 (0.6)	84.6 (1.8)	13.1 (1.7)	2.3 (0.8)	
<b>Canada</b>													
Alberta	74.7 (1.1)	20.5 (1.2)	4.8 (0.6)	78.3 (1.1)	17.9 (1.0)	3.7 (0.6)	76.2 (1.3)	18.8 (1.2)	5.0 (0.6)	70.6 (1.4)	22.6 (1.4)	6.7 (0.8)	
British Columbia	72.5 (1.5)	22.4 (1.5)	5.1 (0.6)	79.5 (1.3)	15.1 (1.2)	5.3 (0.7)	80.2 (1.2)	15.1 (1.1)	4.8 (0.7)	71.4 (1.5)	18.8 (1.1)	9.8 (0.9)	
Manitoba	76.5 (1.7)	17.6 (1.5)	5.9 (0.9)	81.8 (1.5)	13.3 (1.3)	5.0 (0.9)	81.6 (1.6)	13.3 (1.2)	5.1 (0.9)	71.3 (1.7)	19.2 (1.6)	9.5 (1.3)	
New Brunswick	76.8 (1.6)	18.7 (1.5)	4.5 (0.8)	82.2 (1.3)	14.1 (1.2)	3.6 (0.6)	81.8 (1.4)	15.1 (1.4)	3.2 (0.4)	73.5 (1.6)	20.1 (1.5)	6.4 (0.8)	
Newfoundland and Labrador	66.3 (2.5)	28.4 (2.4)	5.3 (1.0)	79.6 (1.3)	17.6 (1.3)	2.8 (0.6)	72.9 (1.6)	22.0 (1.6)	5.1 (0.8)	72.0 (1.7)	23.1 (1.8)	4.9 (0.9)	
Nova Scotia	73.7 (2.6)	22.7 (2.2)	3.6 (0.7)	83.2 (1.9)	12.8 (1.5)	4.0 (0.7)	82.2 (1.3)	12.9 (1.5)	4.8 (1.3)	75.3 (1.5)	15.4 (1.7)	9.3 (1.7)	
Ontario	72.1 (1.5)	22.3 (1.5)	5.6 (0.6)	80.3 (1.1)	14.8 (1.0)	4.8 (0.5)	80.6 (1.2)	15.4 (1.2)	4.0 (0.6)	70.6 (1.2)	19.6 (1.0)	9.7 (0.8)	
Prince Edward Island	71.2 (1.7)	24.6 (1.5)	4.3 (0.6)	77.2 (1.5)	18.6 (1.4)	4.2 (0.7)	74.1 (1.6)	21.4 (1.3)	4.5 (0.8)	69.7 (1.7)	23.3 (1.5)	7.0 (1.0)	
Quebec	71.5 (1.4)	23.0 (1.1)	5.5 (0.6)	81.3 (1.0)	15.3 (0.9)	3.4 (0.4)	81.5 (1.0)	15.1 (0.8)	3.4 (0.4)	76.2 (1.1)	19.4 (1.0)	4.3 (0.5)	
Saskatchewan	77.7 (1.5)	17.8 (1.4)	4.6 (0.7)	80.3 (1.4)	15.2 (1.5)	4.4 (0.7)	81.4 (1.2)	15.4 (1.3)	3.2 (0.5)	72.0 (1.2)	19.3 (1.4)	8.7 (0.8)	
<b>Italy</b>													
Abruzzo	50.7 (1.9)	37.4 (1.5)	11.9 (1.3)	60.9 (1.6)	26.8 (1.4)	12.3 (1.0)	64.2 (1.8)	30.8 (1.6)	5.0 (0.6)	52.1 (2.0)	35.8 (1.9)	12.0 (0.9)	
Basilicata	41.1 (1.8)	41.7 (1.6)	17.2 (1.3)	48.5 (1.5)	34.8 (1.3)	16.7 (1.0)	52.2 (1.5)	41.4 (1.4)	6.4 (0.8)	44.4 (1.7)	38.6 (1.4)	16.9 (1.1)	
Bolzano	70.6 (1.1)	26.7 (1.2)	2.7 (0.6)	84.5 (1.1)	12.6 (1.0)	2.9 (0.5)	88.0 (0.9)	10.7 (0.8)	1.4 (0.4)	67.4 (1.3)	28.3 (1.1)	4.2 (0.6)	
Calabria	41.5 (2.1)	41.8 (1.9)	16.8 (1.4)	46.8 (2.3)	33.2 (1.6)	20.0 (1.5)	47.2 (2.2)	43.5 (2.0)	9.2 (1.2)	40.6 (1.9)	39.8 (1.8)	19.7 (1.8)	
Campania	35.9 (1.4)	44.7 (1.1)	19.4 (1.2)	44.9 (1.8)	33.0 (1.5)	22.1 (2.0)	47.7 (1.6)	44.8 (1.5)	7.5 (1.0)	38.5 (1.2)	40.0 (2.2)	21.5 (2.2)	
Emilia Romagna	54.1 (1.8)	37.6 (1.4)	8.3 (1.1)	71.9 (1.4)	20.1 (1.5)	8.0 (1.1)	71.8 (1.4)	23.5 (1.3)	4.8 (0.6)	56.5 (1.5)	33.1 (1.5)	10.4 (0.9)	
Friuli Venezia Giulia	60.0 (2.2)	32.6 (2.1)	7.4 (1.1)	74.1 (1.7)	20.1 (1.5)	5.8 (0.8)	73.6 (1.6)	21.4 (1.7)	4.9 (0.9)	56.9 (1.8)	33.3 (1.5)	9.8 (1.1)	
Lazio	53.0 (1.5)	38.2 (1.5)	8.7 (1.1)	67.6 (1.8)	24.0 (1.5)	8.4 (1.3)	70.3 (1.8)	25.5 (1.5)	4.2 (1.0)	53.9 (1.9)	36.7 (1.7)	9.4 (1.3)	
Liguria	49.8 (1.4)	42.5 (1.5)	7.7 (1.0)	69.3 (1.5)	24.5 (1.7)	6.2 (1.1)	69.7 (1.5)	26.9 (1.3)	3.3 (0.6)	54.9 (2.3)	35.6 (2.1)	9.6 (1.0)	
Lombardia	54.2 (1.7)	38.8 (1.6)	7.0 (0.8)	70.3 (1.6)	23.2 (1.5)	6.5 (0.7)	71.0 (1.6)	24.5 (1.5)	4.5 (0.7)	56.3 (1.8)	34.5 (1.5)	9.2 (0.9)	
Marche	54.1 (2.1)	37.7 (1.8)	8.3 (0.9)	70.7 (2.4)	22.1 (2.0)	7.2 (1.1)	71.9 (2.0)	24.5 (2.0)	3.7 (0.7)	56.0 (2.4)	34.9 (1.9)	9.1 (0.9)	
Molise	47.0 (2.2)	39.9 (2.1)	13.1 (1.5)	58.2 (2.0)	27.9 (1.6)	14.0 (1.5)	61.9 (2.2)	32.1 (2.0)	5.9 (1.0)	51.9 (2.0)	35.9 (2.0)	12.1 (1.4)	
Piemonte	55.9 (1.9)	36.2 (1.5)	7.9 (1.1)	68.5 (2.0)	25.4 (1.8)	6.1 (0.7)	70.7 (2.0)	25.5 (1.8)	3.7 (0.8)	57.1 (1.8)	31.9 (1.2)	11.0 (1.0)	
Puglia	41.7 (2.2)	39.4 (1.9)	18.9 (1.4)	53.5 (2.0)	30.7 (1.6)	15.8 (1.5)	56.8 (1.6)	35.0 (1.7)	8.2 (0.9)	44.3 (1.8)	36.3 (1.3)	19.5 (1.5)	
Sardegna	55.2 (1.7)	36.4 (1.6)	8.5 (1.0)	62.7 (1.6)	28.3 (1.5)	9.0 (0.9)	65.1 (1.6)	29.8 (1.5)	5.0 (0.7)	52.0 (1.6)	35.8 (1.6)	12.2 (1.2)	
Sicilia	44.3 (1.8)	41.6 (1.4)	14.1 (1.2)	55.4 (1.8)	28.8 (1.7)	15.8 (1.1)	58.4 (1.7)	34.5 (1.6)	7.2 (1.0)	45.8 (1.7)	37.0 (1.4)	17.1 (1.1)	
Toscana	43.0 (1.8)	44.0 (1.9)	12.9 (1.1)	59.0 (1.6)	30.1 (1.7)	11.0 (1.1)	58.9 (2.1)	35.3 (2.1)	5.8 (0.8)	45.5 (1.5)	40.8 (1.8)	13.7 (1.1)	
Trento	60.5 (1.6)	33.5 (1.7)	6.0 (0.9)	71.0 (1.4)	24.3 (1.3)	4.7 (0.7)	69.8 (1.3)	27.3 (1.4)	2.8 (0.6)	57.6 (1.5)	32.8 (1.6)	9.6 (0.9)	
Umbria	52.5 (1.7)	38.9 (1.7)	8.6 (1.2)	70.4 (1.7)	21.7 (1.4)	7.9 (1.0)	71.2 (1.8)	25.1 (1.6)	3.7 (0.7)	57.0 (1.9)	32.9 (1.9)	10.1 (0.8)	
Valle d'Aosta	62.3 (2.0)	31.8 (2.0)	6.0 (0.9)	70.8 (1.9)	24.6 (2.1)	4.6 (1.0)	72.5 (1.8)	24.3 (1.7)	3.3 (0.7)	57.9 (2.1)	32.8 (2.1)	9.3 (1.2)	
Veneto	50.1 (1.9)	41.3 (2.1)	8.6 (1.2)	64.2 (2.0)	29.6 (1.7)	6.2 (1.1)	65.9 (1.9)	29.9 (1.9)	4.2 (0.6)	50.3 (2.2)	37.8 (2.0)	11.9 (1.2)	
<b>Mexico</b>													
Aguascalientes	60.8 (1.3)	25.4 (1.3)	13.8 (1.0)	64.6 (1.7)	24.0 (1.7)	11.4 (1.0)	64.3 (1.7)	25.0 (1.8)	10.6 (1.2)	61.1 (1.8)	27.0 (1.4)	12.0 (1.0)	
Baja California	60.5 (2.1)	23.7 (2.0)	15.8 (1.5)	64.6 (1.6)	22.3 (1.1)	13.1 (1.3)	64.7 (2.8)	21.5 (2.8)	13.8 (1.3)	65.5 (1.8)	21.0 (1.5)	13.4 (1.0)	
Baja California Sur	66.8 (2.0)	23.6 (1.8)	9.6 (1.0)	74.7 (1.8)	18.1 (1.8)	9.2 (1.2)	70.0 (1.9)	20.2 (1.7)	9.8 (1.1)	69.9 (1.7)	20.3 (1.5)	9.8 (1.0)	
Campeche	52.8 (1.6)	33.7 (1.6)	13.5 (0.9)	59.1 (2.5)	27.9 (2.0)	13.0 (1.1)	53.2 (2.2)	33.0 (2.3)	13.8 (1.1)	57.5 (1.5)	30.6 (1.4)	12.0 (1.3)	
Chiapas	48.5 (3.4)	38.3 (3.5)	13.2 (1.5)	56.4 (2.9)	32.1 (2.6)	11.4 (1.4)	53.4 (2.7)	34.9 (2.5)	11.6 (1.4)	52.5 (2.3)	34.3 (2.0)	13.3 (2.0)	
Chihuahua	59.8 (2.2)	26.7 (1.8)	13.5 (1.3)	64.2 (2.4)	23.7 (1.9)	12.1 (1.1)	61.3 (2.1)	26.6 (1.6)	12.1 (1.3)	59.8 (1.9)	29.8 (1.9)	10.4 (1.6)	
Coahuila	59.9 (2.3)	26.7 (1.9)	13.4 (1.3)	66.3 (2.7)	20.3 (1.9)	13.4 (2.1)	62.0 (1.6)	24.0 (2.0)	14.0 (1.9)	62.2 (2.6)	25.6 (2.0)	12.2 (1.4)	
Colima	61.4 (1.9)	27.6 (1.8)	11.1 (1.1)	68.9 (1.9)	21.7 (1.5)	9.4 (1.0)	68.7 (2.0)	22.2 (1.7)	9.0 (1.0)	65.0 (1.9)	25.2 (1.6)	9.8 (1.0)	
Distrito Federal	53.8 (2.6)	32.5 (1.8)	13.7 (1.7)	60.8 (2.6)	27.2 (1.6)	12.0 (2.0)	60.0 (3.1)	26.4 (1.9)	13.5 (1.9)	55.5 (2.8)	30.0 (3.2)	14.5 (1.6)	
Durango	56.1 (3.0)	28.0 (2.9)	16.0 (1.7)	61.5 (3.0)	26.4 (2.4)	12.2 (1.8)	58.8 (2.7)	28.2 (2.6)	13.0 (1.7)	60.1 (3.3)	27.7 (1.8)	12.2 (2.2)	
Guanajuato	55.2 (2.0)	34.2 (2.4)	10.6 (1.3)	64.9 (2.2)	26.5 (2.5)	8.6 (1.3)	60.6 (2.2)	31.3 (2.4)	8.1 (1.2)	60.0 (2.8)	31.6 (2.5)	8.4 (1.5)	
Guerrero	52.4 (2.5)	35.7 (2.5)	11.9 (1.7)	55.6 (2.5)	35.2 (2.0)	9.2 (1.6)	52.3 (2.7)	33.1 (2.6)	14.6 (1.8)	52.9 (2.4)	35.9 (2.0)	11.2 (1.3)	
Hidalgo	51.7 (2.5)	35.7 (2.4)	12.6 (1.3)	60.0 (2.1)	29.6 (1.8)	10.4 (1.3)	53.4 (2.2)	34.2 (2.0)	12.4 (1.6)	57.0 (2.5)	31.3 (2.2)	11.7 (1.7)	
Jalisco	61.2 (1.8)	28.6 (1.4)	10.3 (1.7)	63.5 (2.3)	25.7 (1.8)	10.8 (2.0)	63.8 (2.2)	23.8 (2.0)	12.4 (1.9)	61.7 (3.0)	27.5 (2.6)	10.8 (1.5)	
Mexico	54.7 (1.8)	31.9 (1.7)	13.5 (1.4)	62.4 (2.1)	25.3 (1.9)	12.3 (1.7)	62.7 (1.7)	27.8 (2.0)	9.6 (1.3)	58.4 (2.3)	24.9 (2.0)	16.7 (1.5)	
Morelos	63.2 (2.4)	23.3 (1.9)	13.5 (1.4)	66.4 (2.3)	21.9 (1.7)	11.6 (1.6)	66.3 (2.4)	20.1 (1.9)	13.5 (1.5)	61.4 (2.5)	25.6 (1.7)	13.1 (1.8)	
Nayarit	60.4 (2.8)	25.3 (1.9)	14.3 (1.5)	62.0 (2.3)	24.6 (2.3)	13.3 (1.4)	64.1 (2.8)	23.7 (2.0)	12.2 (1.5)	62.5 (1.9)	23.8 (1.9)	13.7 (1.6)	
Nuevo León	60.6 (2.7)	24.4 (1.8)	15.0 (1.8)	66.0 (2.8)	21.0 (1.7)	13.1 (1.8)	61.7 (2.6)	25.1 (1.8)	13.3 (2.2)	62.3 (2.7)	26.7 (2.3)	11.0 (1.4)	
Puebla	57.0 (3.1)	31.3 (2.7)	11.7 (1.4)	57.8 (2.5)	32.9 (2.1)	9.3 (1.1)	58.9 (2.2)	29.7 (2.0)	11.4 (1.4)	59.1 (2.6)	32.0 (2.3)	8.9 (1.0)	
Querétaro	63.7 (2.5)	25.8 (1.6)	10.5 (1.7)	71.4 (2.1)	20.4 (2.0)	8.1 (1.2)	68.0 (2.0)	22.2 (1.7)	9.8 (1.1)	65.4 (1.3)	24.6 (1.3)	10.0 (1.4)	
Quintana Roo	58.4 (2.2)	28.6 (1.3)	13.0 (1.7)	63.4 (2.1)	25.6 (2.0)	10.9 (1.3)	60.5 (2.4)	29.3 (1.8)	10.2 (1.1)	58.8 (2.2)	30.5 (1.5)	10.7 (1.3)	
San Luis Potosí	55.3 (2.5)	31.7 (2.0)	12.9 (1.4)	62									





[Part 2/2]

## Percentage of students attending after-school lessons (hours per week), by region

Table B2.IV.11 Results based on students' self-reports

	Mathematics			Language of instruction			Science			Other subjects			
	No attendance	Less than 4 hours a week	4 hours a week or more	No attendance	Less than 4 hours a week	4 hours a week or more	No attendance	Less than 4 hours a week	4 hours a week or more	No attendance	Less than 4 hours a week	4 hours a week or more	
	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	
<b>OECD</b>													
<b>Portugal</b>													
Alentejo	50.7 (4.3)	36.6 (3.3)	12.7 (2.5)	61.0 (3.9)	29.6 (3.1)	9.5 (2.3)	71.9 (2.9)	24.0 (3.0)	4.1 (1.5)	58.8 (2.0)	35.2 (1.9)	6.0 (1.7)	
<b>Spain</b>													
Andalusia*	61.4 (1.9)	26.9 (1.5)	11.6 (1.5)	79.5 (1.5)	15.8 (1.4)	4.7 (0.7)	76.4 (1.6)	16.9 (1.4)	6.7 (0.7)	66.9 (1.8)	24.4 (1.6)	8.7 (1.0)	
Aragon*	61.1 (2.0)	32.8 (2.2)	6.0 (0.8)	83.5 (1.3)	13.0 (1.3)	3.6 (0.7)	74.6 (1.6)	21.3 (1.6)	4.1 (0.5)	60.4 (1.7)	33.7 (1.8)	5.8 (0.9)	
Asturias*	44.6 (2.1)	35.5 (1.5)	19.9 (1.7)	76.9 (1.9)	17.9 (1.6)	5.2 (0.8)	64.4 (2.1)	24.7 (1.7)	10.9 (0.9)	55.1 (1.5)	35.4 (1.7)	9.5 (1.0)	
Balearic Islands*	55.2 (1.9)	39.4 (1.9)	5.4 (0.9)	78.3 (1.8)	17.7 (1.6)	4.0 (0.6)	73.6 (1.4)	21.8 (1.5)	4.5 (0.7)	60.2 (2.3)	33.5 (2.1)	6.3 (0.8)	
Basque Country*	58.2 (1.4)	36.0 (1.3)	5.8 (0.5)	77.5 (1.0)	19.6 (0.9)	2.8 (0.3)	69.8 (1.2)	26.2 (1.2)	4.0 (0.4)	40.1 (1.1)	52.4 (1.1)	7.5 (0.5)	
Cantabria*	47.3 (1.8)	38.2 (1.4)	14.5 (1.0)	73.2 (1.8)	20.0 (1.4)	6.8 (1.0)	67.2 (1.6)	24.7 (1.3)	8.1 (1.0)	52.0 (1.9)	37.6 (1.7)	10.4 (0.9)	
Castile and Leon*	54.4 (2.0)	38.3 (1.7)	7.3 (1.2)	80.8 (1.4)	15.2 (1.3)	4.0 (0.7)	77.4 (1.5)	18.7 (1.3)	3.8 (0.7)	62.2 (1.6)	31.3 (1.6)	6.5 (0.9)	
Catalonia*	70.1 (2.1)	25.9 (2.1)	3.9 (0.7)	82.2 (1.5)	15.8 (1.3)	2.0 (0.6)	85.1 (1.5)	13.0 (1.3)	1.9 (0.5)	55.8 (2.4)	38.5 (2.2)	5.7 (0.6)	
Extremadura*	57.9 (2.2)	28.9 (1.8)	13.2 (1.2)	78.0 (1.8)	16.2 (1.5)	5.8 (0.8)	71.4 (1.7)	21.2 (1.3)	7.4 (0.9)	65.4 (2.0)	27.1 (2.1)	7.5 (0.8)	
Galicia*	50.1 (1.8)	38.0 (1.7)	11.9 (1.1)	80.4 (1.7)	15.4 (1.5)	4.2 (0.8)	67.6 (1.8)	25.1 (1.8)	7.3 (0.9)	62.0 (2.0)	31.0 (2.0)	7.0 (0.9)	
La Rioja*	52.9 (1.7)	39.8 (1.5)	7.3 (0.9)	83.4 (1.2)	13.3 (1.1)	3.3 (0.5)	73.5 (1.5)	22.8 (1.5)	3.8 (0.6)	56.9 (1.8)	37.4 (1.6)	5.7 (0.9)	
Madrid*	65.7 (1.7)	29.7 (1.4)	4.6 (0.7)	84.5 (1.6)	11.8 (1.3)	3.7 (0.6)	79.4 (1.5)	16.5 (1.2)	4.0 (0.6)	62.9 (2.1)	30.3 (2.1)	6.8 (1.0)	
Murcia*	58.2 (1.8)	31.7 (1.7)	10.1 (1.4)	78.0 (2.1)	16.7 (1.9)	5.2 (1.0)	75.2 (1.7)	20.2 (1.4)	4.6 (0.8)	67.9 (1.9)	25.6 (2.2)	6.5 (1.0)	
Navarre*	59.5 (1.5)	35.8 (1.7)	4.7 (0.8)	81.8 (1.4)	15.8 (1.4)	2.3 (0.6)	77.5 (1.3)	19.6 (1.4)	3.0 (0.5)	55.7 (1.9)	38.9 (1.8)	5.4 (0.8)	
<b>United Kingdom</b>													
England	58.8 (1.4)	32.4 (1.5)	8.8 (0.8)	66.7 (1.2)	24.9 (1.3)	8.4 (0.8)	65.2 (1.2)	24.0 (1.3)	10.7 (0.9)	49.2 (1.2)	37.0 (1.2)	13.8 (0.7)	
Northern Ireland	55.2 (1.7)	34.8 (1.4)	10.0 (0.9)	65.0 (1.7)	24.8 (1.5)	10.2 (0.9)	66.4 (1.3)	22.6 (0.9)	11.0 (1.0)	53.8 (1.5)	29.6 (1.2)	16.6 (1.2)	
Scotland*	55.7 (1.3)	35.2 (1.3)	9.1 (0.6)	64.8 (1.3)	26.1 (1.3)	9.1 (0.6)	61.3 (1.3)	31.8 (1.2)	6.9 (0.6)	49.1 (1.3)	39.5 (1.2)	11.4 (0.7)	
Wales	55.3 (1.3)	35.2 (1.1)	9.5 (0.7)	67.3 (1.1)	23.3 (1.0)	9.4 (0.7)	68.6 (1.0)	20.5 (0.9)	10.9 (0.7)	53.9 (1.0)	32.5 (0.9)	13.5 (0.7)	
<b>United States</b>													
Connecticut*	75.1 (1.3)	20.4 (1.1)	4.5 (0.6)	79.1 (1.1)	15.5 (0.9)	5.4 (0.6)	78.6 (1.1)	16.1 (1.1)	5.4 (0.7)	72.4 (1.2)	20.1 (1.1)	7.5 (0.9)	
Florida*	68.2 (1.8)	26.8 (1.6)	5.0 (0.8)	73.6 (1.5)	20.8 (1.2)	5.7 (0.8)	74.5 (1.6)	21.1 (1.2)	4.4 (0.8)	66.2 (1.9)	22.8 (1.4)	10.9 (1.2)	
Massachusetts*	74.3 (1.2)	20.6 (1.3)	5.2 (0.8)	78.5 (1.2)	16.4 (1.0)	5.0 (0.6)	77.4 (1.3)	18.2 (1.2)	4.4 (0.6)	70.3 (1.4)	21.7 (1.2)	8.0 (0.8)	
<b>Partners</b>													
<b>Argentina</b>													
Ciudad Autónoma de Buenos Aires*	59.2 (2.7)	37.5 (2.5)	3.4 (0.6)	79.8 (1.8)	18.1 (1.7)	2.0 (0.7)	79.8 (1.5)	18.0 (1.4)	2.2 (0.6)	64.9 (2.4)	28.2 (2.2)	6.9 (1.0)	
<b>Brazil</b>													
Acre	41.1 (2.2)	50.5 (2.5)	8.5 (1.3)	41.0 (1.6)	51.8 (1.9)	7.2 (1.4)	49.1 (2.4)	46.3 (3.0)	4.6 (1.0)	38.4 (2.3)	49.8 (3.2)	11.9 (1.9)	
Alagoas	23.9 (3.0)	55.1 (3.1)	21.0 (3.9)	32.2 (3.3)	49.8 (3.6)	18.0 (3.4)	33.4 (2.0)	61.1 (2.2)	5.6 (1.5)	30.5 (3.5)	51.5 (3.4)	18.0 (1.7)	
Amapá	30.7 (2.9)	52.7 (3.6)	16.6 (2.7)	36.7 (2.7)	47.9 (2.8)	15.3 (2.4)	40.9 (3.5)	52.1 (3.9)	7.0 (1.8)	35.5 (3.4)	48.2 (4.3)	16.3 (2.4)	
Amazonas	35.7 (1.6)	46.0 (1.1)	18.3 (1.4)	41.1 (2.9)	42.6 (2.7)	16.4 (1.7)	46.1 (2.0)	45.2 (2.1)	8.7 (1.2)	35.4 (1.3)	45.6 (2.7)	19.0 (2.7)	
Bahia	38.2 (3.3)	50.4 (3.4)	11.4 (2.4)	43.0 (4.2)	46.4 (3.1)	10.6 (2.7)	45.9 (2.5)	46.9 (2.1)	7.2 (1.4)	41.2 (2.8)	46.2 (3.0)	12.7 (1.6)	
Ceará	24.5 (2.3)	54.5 (2.4)	21.0 (2.3)	29.4 (2.7)	53.8 (2.6)	16.7 (2.5)	34.2 (1.6)	56.4 (1.8)	9.3 (2.1)	25.5 (1.5)	56.9 (2.0)	17.6 (2.2)	
Espírito Santo	45.0 (2.2)	39.7 (2.5)	15.2 (2.5)	51.1 (2.3)	36.3 (2.6)	12.6 (1.5)	53.3 (1.9)	40.2 (2.5)	6.5 (1.2)	43.8 (2.3)	45.6 (3.2)	10.6 (1.5)	
Federal District	43.6 (4.6)	43.1 (4.4)	13.3 (2.2)	50.5 (2.6)	38.8 (2.9)	10.6 (1.3)	47.2 (2.6)	45.4 (2.9)	7.5 (1.1)	36.3 (4.3)	52.7 (5.3)	10.9 (1.6)	
Goiás	43.4 (2.7)	37.5 (2.6)	19.1 (1.9)	48.3 (2.6)	36.9 (2.0)	14.8 (2.2)	52.0 (3.1)	41.8 (3.0)	6.2 (0.9)	43.4 (2.2)	45.2 (2.5)	11.4 (1.0)	
Maranhão	24.9 (2.2)	52.0 (3.0)	23.1 (4.3)	31.0 (2.6)	52.1 (3.9)	16.9 (2.5)	34.8 (2.6)	55.4 (3.2)	9.8 (1.8)	46.4 (2.4)	54.1 (1.8)	19.5 (1.8)	
Mato Grosso	35.2 (2.6)	50.8 (3.3)	14.0 (2.4)	38.5 (2.9)	51.1 (3.3)	10.4 (2.2)	40.5 (3.3)	53.4 (3.9)	6.1 (1.5)	36.7 (2.8)	47.7 (2.0)	15.6 (2.4)	
Mato Grosso do Sul	37.0 (2.7)	50.2 (2.0)	12.8 (1.8)	41.6 (2.5)	47.9 (2.3)	10.5 (2.3)	45.3 (3.0)	45.8 (2.2)	8.9 (1.6)	35.9 (2.8)	53.1 (2.9)	11.0 (1.8)	
Minas Gerais	45.8 (2.9)	40.3 (2.4)	13.9 (2.0)	50.5 (3.1)	39.0 (3.0)	10.6 (1.6)	50.0 (3.1)	41.3 (2.9)	8.8 (0.8)	43.8 (2.9)	45.6 (2.4)	10.7 (1.3)	
Pará	30.2 (2.1)	48.4 (2.1)	21.5 (2.0)	35.5 (2.3)	47.8 (2.2)	16.7 (2.2)	39.1 (2.5)	53.0 (2.4)	7.9 (1.3)	32.0 (2.3)	47.8 (1.8)	20.2 (2.7)	
Paraíba	39.7 (2.3)	42.9 (3.0)	17.4 (2.2)	44.2 (1.8)	42.8 (1.4)	13.0 (2.0)	45.9 (2.4)	41.0 (2.6)	13.1 (2.1)	40.0 (2.1)	42.4 (3.0)	17.6 (2.0)	
Paraná	54.0 (2.3)	37.3 (2.4)	8.8 (1.1)	56.5 (2.9)	36.5 (2.9)	6.9 (1.2)	65.0 (2.9)	30.3 (2.9)	4.7 (0.8)	47.0 (2.7)	41.4 (2.8)	11.7 (1.3)	
Pernambuco	33.1 (2.8)	43.1 (3.8)	23.8 (2.4)	35.1 (3.3)	42.3 (3.4)	22.6 (2.7)	44.9 (4.3)	49.4 (4.2)	5.6 (1.1)	35.5 (2.5)	51.7 (2.8)	12.8 (1.5)	
Piauí	35.5 (1.9)	44.5 (1.9)	20.0 (2.3)	42.5 (2.9)	45.8 (2.9)	11.7 (1.2)	43.3 (3.2)	44.8 (2.9)	11.9 (1.6)	40.6 (3.3)	40.2 (3.4)	19.2 (1.2)	
Rio de Janeiro	30.3 (3.1)	50.9 (1.8)	18.8 (2.2)	36.8 (2.4)	46.4 (1.1)	16.8 (2.2)	44.5 (3.1)	48.4 (3.1)	7.1 (1.0)	31.8 (3.6)	54.9 (2.9)	13.3 (1.4)	
Rio Grande do Norte	34.8 (1.9)	52.9 (2.1)	12.3 (2.5)	38.0 (2.6)	49.7 (2.6)	12.3 (1.9)	43.3 (3.3)	44.5 (2.9)	12.2 (2.5)	35.7 (2.8)	48.8 (3.4)	15.5 (2.4)	
Rio Grande do Sul	52.5 (3.1)	37.7 (3.5)	9.7 (1.9)	55.5 (2.2)	36.7 (2.8)	7.8 (1.6)	58.3 (2.3)	36.0 (2.8)	5.7 (1.3)	49.6 (2.0)	39.4 (2.8)	11.0 (1.8)	
Rondônia	40.0 (3.1)	50.8 (2.6)	9.2 (1.9)	41.0 (2.2)	48.7 (2.6)	10.3 (1.8)	49.4 (3.3)	47.3 (3.0)	3.3 (0.9)	43.2 (2.3)	47.6 (2.3)	9.2 (1.4)	
Roraima	33.9 (3.0)	51.7 (3.0)	14.4 (3.2)	41.0 (3.4)	49.3 (3.6)	9.4 (2.1)	40.7 (4.0)	50.8 (3.3)	8.5 (2.5)	35.4 (3.3)	50.5 (3.4)	14.1 (2.1)	
Santa Catarina	49.4 (2.1)	40.0 (2.2)	10.6 (2.0)	54.9 (2.1)	38.6 (2.1)	6.9 (1.6)	59.8 (1.7)	33.0 (1.7)	7.2 (1.1)	49.7 (2.8)	40.5 (3.3)	9.8 (1.9)	
São Paulo	48.1 (1.9)	34.4 (1.7)	17.5 (1.0)	51.2 (1.7)	33.2 (1.6)	15.6 (1.1)	57.4 (1.7)	37.2 (1.5)	5.5 (0.8)	45.0 (1.6)	45.0 (1.4)	10.0 (1.2)	
Sergipe	30.5 (3.3)	51.9 (2.8)	17.7 (2.0)	31.6 (2.6)	53.2 (4.3)	15.2 (2.4)	33.9 (2.8)	57.5 (2.4)	8.5 (2.1)	33.3 (2.5)	53.8 (3.1)	12.8 (2.4)	
Tocantins	36.9 (2.0)	42.3 (3.1)	20.8 (2.3)	40.5 (2.7)	43.0 (2.5)	16.5 (3.0)	48.3 (2.6)	45.7 (2.2)	6.0 (1.1)	37.6 (1.9)	50.0 (2.0)	12.4 (1.2)	
<b>Colombia</b>													
Bogota	42.1 (2.3)	41.9 (2.4)	16.0 (1.5)	51.8 (2.7)	35.8 (1.8)	12.3 (1.8)	44.7 (2.8)	40.7 (2.3)	14.6 (1.6)	45.4 (2.5)	29.9 (2.9)	24.7 (2.6)	
Cali	40.5 (2.3)	40.3 (2.4)	19.2 (2.6)	51.7 (2.1)	35.5 (1.9)	12.8 (1.5)	41.9 (2.4)	41.0 (2.7)	17.0 (2.4)	50.6 (3.1)	32.9 (3.4)	16.5 (2.7)	
Manizales	45.2 (3.6)	35.6 (2.4)	19.2 (2.3)	52.8 (2.6)	31.8 (2.4)	15.4 (0.8)	43.0 (3.9)	41.3 (3.0)	15.7 (1.7)	38.9 (3.0)	26.1 (3.1)	35.1 (2.9)	
Medellin	52.8 (2.3)	32.9 (2.3)	14.2 (1.8)	52.5 (3.3)	35.2 (2.7)	12.3 (1.9)	48.7 (2.4)	36.5 (1.6)	14.8 (1.6)	54.3 (2.8)	23.7 (2.4)	22.0 (2.3)	
<b>Russian Federation</b>													
Perm Territory region*	27.7 (2.0)	59.6 (1.8)	12.7 (1.3)	34.8 (2.1)	56.1 (2.0)	9.2 (1.2)	51.7 (1.7)	40.4 (1.7)	7.9 (1.1)	45.0 (1.9)	46.3 (1.9)	8.8 (1.1)	
<b>United Arab Emirates</b>													
Abu Dhabi*	53.6 (1.2)	30.0 (0.9)	16.4 (0.8)	68.7 (1.4)	20.8 (1.1)	10.5 (0.8)	59.8 (1.2)	25.5 (0.9)	14.7 (0.8)	59.1 (1.4)	27.6 (1.2)	13.3 (0.7)	
Ajman	49.9 (3.5)	36.0 (2.3)	14.1 (2.2)	69.5 (3.4)	20.4 (2.0)	10.1 (2.3)	59.1 (3.5)	28.8 (2.7)	12.0 (1.5)	59.1 (3.7)	30.1 (2.5)	10.8 (2.0)	
Dubai*	49.2 (1.0)	31.7 (1.1)	19.1 (0.8)	66.6 (0.9)	23.9 (0.8)	9.5 (0.6)	57.8 (0.9)	24.3 (0.9)	17.9 (0.8)	56.2 (0.8)	30.1 (0.9)	13.6 (0.7)	
Fujairah	47.9 (2.6)	39.6 (2.3)	12.5 (1.3)	63.3 (2.8)	23.9 (2.4)	6.8 (0.9)	57.1 (3.8)	31.7 (3.1)	11.2 (1.5)	57.9 (2.8)	29.9 (2.0)	12.2 (2.2)	
Ras Al Khaimah	45.4 (3.1)	38.6 (2.8)	16.0 (2.2)	63.5 (2.8)	25.7 (2.5)	10.8 (2.2)	54.3 (3.1)	31.1 (2.8)	14.5 (1.7)	56.0 (3.0)	29.6 (2.4)	14.4 (2.6)	
Sharjah	46.9 (2.8)	34.5 (2.1)	18.6 (2.2)	67.5 (3.3)	26.0 (2.7)	6.5 (1.1)	57.0 (3.8)	25.7 (2.5)	17.4 (2.3)	58.7 (3.4)	30.1 (2.9)	11.2 (	

[Part 1/4]


## Index of creative extracurricular activities at school and mathematics performance, by region

Table B2.IV.12 Results based on school principals' reports

	Index of creative extracurricular activities at school										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	2.35	(0.01)	1.42	(0.03)	2.00	(0.01)	2.98	(0.03)	3.00	(0.00)	0.73	(0.01)
New South Wales	1.97	(0.07)	0.77	(0.08)	1.85	(0.14)	2.25	(0.13)	3.00	(0.00)	0.88	(0.04)
Northern territory	1.53	(0.14)	0.40	(0.08)	1.30	(0.38)	2.00	(0.01)	2.45	(0.26)	0.88	(0.06)
Queensland	2.37	(0.06)	1.51	(0.14)	2.00	(0.09)	2.99	(0.13)	3.00	(0.00)	0.72	(0.05)
South Australia	2.08	(0.07)	1.10	(0.19)	2.00	(0.00)	2.21	(0.18)	3.00	(0.00)	0.77	(0.06)
Tasmania	2.20	(0.03)	1.00	(0.11)	2.00	(0.00)	2.81	(0.06)	3.00	(0.00)	0.86	(0.04)
Victoria	2.29	(0.07)	1.40	(0.16)	2.00	(0.00)	2.75	(0.20)	3.00	(0.00)	0.76	(0.06)
Western Australia	2.27	(0.08)	1.08	(0.18)	2.02	(0.15)	3.00	(0.12)	3.00	(0.00)	0.84	(0.05)
<b>Belgium</b>												
Flemish community*	1.21	(0.07)	0.00	(0.02)	0.93	(0.12)	1.52	(0.15)	2.40	(0.09)	0.95	(0.04)
French community	1.97	(0.07)	0.77	(0.08)	1.85	(0.14)	2.25	(0.13)	3.00	(0.00)	0.88	(0.04)
German-speaking community	2.29	(0.07)	1.40	(0.16)	2.00	(0.00)	2.75	(0.20)	3.00	(0.00)	0.76	(0.06)
<b>Canada</b>												
Alberta	2.65	(0.07)	1.63	(0.21)	2.99	(0.14)	3.00	(0.00)	3.00	(0.00)	0.64	(0.07)
British Columbia	2.59	(0.09)	1.57	(0.17)	2.77	(0.22)	3.00	(0.00)	3.00	(0.00)	0.69	(0.09)
Manitoba	2.74	(0.05)	1.98	(0.20)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.64	(0.08)
New Brunswick	2.55	(0.07)	1.44	(0.15)	2.77	(0.12)	3.00	(0.00)	3.00	(0.00)	0.75	(0.06)
Newfoundland and Labrador	2.45	(0.11)	1.21	(0.34)	2.58	(0.12)	3.00	(0.00)	3.00	(0.00)	0.89	(0.15)
Nova Scotia	2.74	(0.07)	1.97	(0.26)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.57	(0.08)
Ontario	2.80	(0.04)	2.19	(0.18)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.43	(0.05)
Prince Edward Island	2.65	(0.00)	1.98	(0.00)	2.60	(0.02)	3.00	(0.00)	3.00	(0.00)	0.49	(0.00)
Quebec	2.55	(0.05)	1.52	(0.11)	2.68	(0.13)	3.00	(0.00)	3.00	(0.00)	0.72	(0.05)
Saskatchewan	2.50	(0.07)	1.35	(0.20)	2.65	(0.13)	3.00	(0.00)	3.00	(0.00)	0.80	(0.09)
<b>Italy</b>												
Abruzzo	1.41	(0.11)	0.33	(0.22)	1.00	(0.16)	1.98	(0.18)	2.35	(0.15)	0.87	(0.07)
Basilicata	0.97	(0.09)	0.00	(0.00)	0.65	(0.22)	1.04	(0.14)	2.20	(0.11)	0.86	(0.05)
Bolzano	1.39	(0.01)	0.51	(0.02)	1.00	(0.00)	1.29	(0.03)	2.75	(0.02)	0.92	(0.01)
Calabria	1.33	(0.15)	0.23	(0.27)	1.00	(0.00)	1.51	(0.31)	2.59	(0.21)	0.95	(0.09)
Campania	1.15	(0.13)	0.00	(0.13)	0.95	(0.18)	1.35	(0.28)	2.28	(0.15)	0.89	(0.07)
Emilia Romagna	1.57	(0.13)	0.32	(0.20)	1.09	(0.23)	2.00	(0.13)	2.86	(0.20)	1.01	(0.07)
Friuli Venezia Giulia	1.60	(0.10)	0.14	(0.22)	1.14	(0.22)	2.11	(0.12)	3.00	(0.00)	1.11	(0.07)
Lazio	1.53	(0.11)	0.42	(0.21)	1.04	(0.17)	2.00	(0.13)	2.67	(0.24)	0.93	(0.09)
Liguria	1.14	(0.08)	0.23	(0.17)	1.00	(0.00)	1.19	(0.23)	2.13	(0.09)	0.76	(0.06)
Lombardia	1.45	(0.09)	0.52	(0.19)	1.07	(0.17)	2.00	(0.11)	2.23	(0.13)	0.78	(0.08)
Marche	1.53	(0.17)	0.35	(0.23)	1.00	(0.24)	1.99	(0.28)	2.77	(0.23)	0.98	(0.07)
Molise	1.12	(0.02)	0.00	(0.00)	0.70	(0.03)	1.37	(0.03)	2.40	(0.03)	0.98	(0.01)
Piemonte	1.10	(0.11)	0.00	(0.15)	0.97	(0.17)	1.02	(0.14)	2.40	(0.19)	0.90	(0.07)
Puglia	1.28	(0.10)	0.11	(0.19)	1.00	(0.06)	1.71	(0.24)	2.30	(0.10)	0.89	(0.06)
Sardegna	1.25	(0.12)	0.07	(0.19)	1.00	(0.09)	1.72	(0.29)	2.22	(0.13)	0.87	(0.07)
Sicilia	1.57	(0.15)	0.28	(0.23)	1.13	(0.25)	2.00	(0.09)	2.88	(0.21)	1.02	(0.07)
Toscana	1.39	(0.14)	0.30	(0.24)	1.00	(0.11)	1.87	(0.22)	2.41	(0.19)	0.89	(0.07)
Trento	1.41	(0.08)	0.21	(0.13)	1.00	(0.00)	1.76	(0.20)	2.68	(0.10)	0.99	(0.04)
Umbria	1.36	(0.08)	0.26	(0.24)	1.00	(0.00)	1.56	(0.16)	2.63	(0.05)	0.96	(0.05)
Valle d'Aosta	0.83	(0.02)	0.00	(0.00)	0.00	(0.00)	1.22	(0.08)	2.09	(0.01)	0.94	(0.01)
Veneto	1.37	(0.11)	0.10	(0.16)	1.00	(0.16)	1.98	(0.19)	2.42	(0.17)	0.95	(0.07)
<b>Mexico</b>												
Aguascalientes	1.88	(0.16)	0.21	(0.28)	1.88	(0.27)	2.45	(0.25)	3.00	(0.00)	1.11	(0.10)
Baja California	1.79	(0.22)	0.62	(0.18)	1.38	(0.51)	2.18	(0.31)	3.00	(0.11)	0.97	(0.07)
Baja California Sur	1.64	(0.19)	0.00	(0.16)	1.64	(0.41)	2.00	(0.17)	2.93	(0.27)	1.10	(0.07)
Campeche	1.65	(0.17)	0.62	(0.19)	1.03	(0.26)	2.00	(0.26)	2.94	(0.23)	0.94	(0.09)
Chiapas	1.83	(0.15)	0.72	(0.17)	1.36	(0.28)	2.24	(0.33)	3.00	(0.05)	0.95	(0.08)
Chihuahua	2.21	(0.16)	0.89	(0.35)	2.00	(0.23)	2.97	(0.26)	3.00	(0.00)	0.92	(0.10)
Coahuila	1.89	(0.15)	0.54	(0.22)	1.71	(0.33)	2.34	(0.29)	3.00	(0.00)	1.00	(0.10)
Colima	1.51	(0.10)	0.45	(0.23)	1.00	(0.14)	1.96	(0.18)	2.64	(0.11)	0.92	(0.08)
Distrito Federal	2.05	(0.12)	0.86	(0.29)	2.00	(0.13)	2.36	(0.27)	3.00	(0.00)	0.85	(0.09)
Durango	2.00	(0.18)	0.61	(0.14)	1.77	(0.30)	2.62	(0.38)	3.00	(0.00)	1.00	(0.05)
Guanajuato	1.72	(0.18)	0.34	(0.23)	1.29	(0.31)	2.25	(0.34)	3.00	(0.05)	1.08	(0.08)
Guerrero	1.61	(0.24)	0.12	(0.25)	1.00	(0.19)	2.33	(0.67)	3.00	(0.00)	1.19	(0.06)
Hidalgo	1.88	(0.14)	0.66	(0.17)	1.63	(0.26)	2.24	(0.29)	3.00	(0.04)	0.94	(0.08)
Jalisco	1.32	(0.16)	0.00	(0.17)	0.92	(0.29)	1.80	(0.27)	2.58	(0.17)	1.02	(0.08)
Mexico	1.63	(0.18)	0.25	(0.24)	1.06	(0.21)	2.22	(0.41)	3.00	(0.06)	1.10	(0.07)
Morelos	1.99	(0.10)	0.87	(0.32)	2.00	(0.05)	2.08	(0.19)	3.00	(0.07)	0.83	(0.11)
Nayarit	1.55	(0.13)	0.10	(0.21)	1.16	(0.24)	2.00	(0.13)	2.96	(0.16)	1.09	(0.06)
Nuevo León	2.18	(0.14)	0.85	(0.32)	2.00	(0.12)	2.88	(0.23)	3.00	(0.00)	0.93	(0.09)
Puebla	1.89	(0.11)	0.68	(0.15)	1.73	(0.26)	2.16	(0.23)	3.00	(0.05)	0.91	(0.08)
Querétaro	1.81	(0.14)	0.71	(0.20)	1.14	(0.32)	2.41	(0.40)	3.00	(0.00)	1.00	(0.08)
Quintana Roo	1.75	(0.17)	0.49	(0.27)	1.34	(0.37)	2.19	(0.19)	3.00	(0.00)	1.02	(0.09)
San Luis Potosí	1.97	(0.23)	0.51	(0.27)	1.54	(0.41)	2.84	(0.35)	3.00	(0.00)	1.09	(0.09)
Sinaloa	2.06	(0.16)	0.45	(0.38)	2.00	(0.14)	2.81	(0.32)	3.00	(0.00)	1.06	(0.11)
Tabasco	1.71	(0.22)	0.00	(0.12)	1.50	(0.64)	2.35	(0.33)	3.00	(0.00)	1.20	(0.10)
Tamaulipas	1.97	(0.19)	0.71	(0.08)	1.57	(0.39)	2.60	(0.40)	3.00	(0.00)	0.99	(0.04)
Tlaxcala	2.00	(0.12)	0.84	(0.14)	1.87	(0.19)	2.29	(0.26)	3.00	(0.00)	0.85	(0.06)
Veracruz	1.81	(0.17)	0.47	(0.21)	1.71	(0.32)	2.07	(0.25)	3.00	(0.17)	0.98	(0.09)
Yucatán	1.85	(0.20)	0.29	(0.20)	1.56	(0.33)	2.55	(0.38)	3.00	(0.00)	1.12	(0.07)
Zacatecas	1.77	(0.17)	0.33	(0.23)	1.59	(0.29)	2.16	(0.23)	3.00	(0.04)	1.05	(0.07)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table IV.3.31 for national data.

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[Part 2/4]


## Index of creative extracurricular activities at school and mathematics performance, by region

Table B2.IV.12 Results based on school principals' reports

	Index of creative extracurricular activities at school										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	1.25	(0.21)	0.00	(0.25)	0.91	(0.35)	1.55	(0.37)	2.55	(0.16)	1.00	(0.09)
<b>Spain</b>												
Andalusia*	0.90	(0.13)	0.00	(0.00)	0.30	(0.31)	1.21	(0.24)	2.08	(0.09)	0.88	(0.05)
Aragon*	1.15	(0.14)	0.00	(0.20)	1.00	(0.20)	1.44	(0.32)	2.15	(0.11)	0.84	(0.07)
Asturias*	0.81	(0.11)	0.00	(0.00)	0.31	(0.26)	1.00	(0.06)	1.94	(0.22)	0.81	(0.06)
Balearic Islands*	1.00	(0.12)	0.00	(0.00)	0.60	(0.26)	1.24	(0.25)	2.14	(0.10)	0.88	(0.06)
Basque Country*	0.85	(0.07)	0.00	(0.00)	0.20	(0.15)	1.00	(0.05)	2.22	(0.16)	0.93	(0.04)
Cantabria*	0.94	(0.10)	0.00	(0.00)	0.63	(0.25)	1.11	(0.21)	2.00	(0.07)	0.78	(0.05)
Castile and Leon*	1.26	(0.10)	0.22	(0.20)	1.00	(0.00)	1.55	(0.25)	2.27	(0.14)	0.85	(0.07)
Catalonia*	0.97	(0.12)	0.00	(0.00)	0.56	(0.26)	1.13	(0.23)	2.20	(0.15)	0.89	(0.08)
Extremadura*	0.73	(0.11)	0.00	(0.00)	0.02	(0.19)	1.00	(0.16)	1.88	(0.26)	0.82	(0.07)
Galicia*	0.79	(0.10)	0.00	(0.00)	0.54	(0.22)	1.00	(0.00)	1.62	(0.26)	0.75	(0.09)
La Rioja*	1.10	(0.01)	0.00	(0.00)	0.80	(0.02)	1.00	(0.01)	2.60	(0.03)	1.00	(0.01)
Madrid*	0.88	(0.12)	0.00	(0.00)	0.48	(0.31)	1.00	(0.05)	2.04	(0.24)	0.84	(0.07)
Murcia*	1.37	(0.16)	0.00	(0.18)	0.99	(0.19)	1.75	(0.28)	2.74	(0.25)	1.05	(0.08)
Navarre*	1.22	(0.14)	0.00	(0.01)	0.68	(0.24)	1.68	(0.22)	2.51	(0.16)	1.04	(0.05)
<b>United Kingdom</b>												
England	2.78	(0.04)	2.11	(0.17)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.53	(0.07)
Northern Ireland	2.45	(0.09)	1.47	(0.17)	2.34	(0.25)	3.00	(0.00)	3.00	(0.00)	0.73	(0.07)
Scotland*	2.63	(0.06)	1.79	(0.10)	2.73	(0.19)	3.00	(0.00)	3.00	(0.00)	0.60	(0.06)
Wales	2.72	(0.04)	1.89	(0.10)	2.97	(0.09)	3.00	(0.00)	3.00	(0.00)	0.51	(0.04)
<b>United States</b>												
Connecticut*	2.82	(0.05)	2.28	(0.19)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.39	(0.04)
Florida*	2.91	(0.04)	2.64	(0.17)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.29	(0.06)
Massachusetts*	2.69	(0.11)	1.76	(0.44)	3.00	(0.00)	3.00	(0.00)	3.00	(0.00)	0.71	(0.14)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	1.78	(0.17)	0.29	(0.23)	1.34	(0.29)	2.49	(0.30)	3.00	(0.00)	1.13	(0.07)
<b>Brazil</b>												
Acre	2.01	(0.21)	0.75	(0.45)	2.00	(0.15)	2.28	(0.46)	3.00	(0.06)	0.90	(0.15)
Alagoas	1.61	(0.24)	0.52	(0.33)	1.39	(0.52)	2.00	(0.10)	2.53	(0.46)	0.86	(0.15)
Amapá	1.56	(0.18)	0.32	(0.33)	1.29	(0.34)	2.00	(0.05)	2.64	(0.30)	0.95	(0.12)
Amazonas	2.01	(0.23)	0.84	(0.49)	2.00	(0.22)	2.22	(0.38)	3.00	(0.11)	0.86	(0.12)
Bahia	1.46	(0.41)	0.28	(0.47)	1.04	(0.53)	2.00	(0.53)	2.55	(0.54)	0.94	(0.10)
Ceará	1.58	(0.20)	0.31	(0.25)	1.00	(0.07)	2.01	(0.61)	3.00	(0.17)	1.08	(0.12)
Espírito Santo	1.00	(0.24)	0.00	(0.00)	0.25	(0.47)	1.71	(0.56)	2.03	(0.02)	0.94	(0.05)
Federal District	1.61	(0.23)	0.64	(0.26)	1.12	(0.42)	2.00	(0.23)	2.69	(0.49)	0.87	(0.16)
Goiás	0.95	(0.22)	0.00	(0.03)	0.56	(0.47)	1.00	(0.15)	2.26	(0.48)	0.92	(0.14)
Maranhão	1.01	(0.27)	0.00	(0.18)	0.83	(0.41)	1.07	(0.39)	c	c	0.83	(0.10)
Mato Grosso	1.15	(0.17)	0.00	(0.04)	0.79	(0.25)	1.42	(0.40)	2.39	(0.26)	0.96	(0.11)
Mato Grosso do Sul	0.99	(0.09)	0.10	(0.17)	1.00	(0.08)	1.00	(0.06)	1.85	(0.21)	0.66	(0.06)
Minas Gerais	1.34	(0.18)	0.29	(0.29)	1.00	(0.07)	1.79	(0.35)	2.30	(0.28)	0.86	(0.12)
Pará	1.51	(0.35)	0.00	(0.24)	0.98	(0.38)	2.09	(0.99)	c	c	1.18	(0.13)
Paraíba	1.13	(0.14)	0.00	(0.18)	0.95	(0.26)	1.24	(0.41)	2.35	(0.25)	0.90	(0.12)
Paraná	0.95	(0.22)	0.00	(0.00)	0.50	(0.42)	1.30	(0.49)	2.00	(0.12)	0.84	(0.07)
Pernambuco	1.61	(0.34)	0.28	(0.44)	1.58	(0.55)	2.00	(0.08)	2.57	(0.53)	0.94	(0.13)
Piauí	1.20	(0.24)	0.00	(0.25)	1.00	(0.23)	1.14	(0.41)	2.69	(0.52)	1.00	(0.16)
Rio de Janeiro	1.44	(0.23)	c	c	1.39	(0.75)	2.00	(0.00)	2.37	(0.26)	1.00	(0.11)
Rio Grande do Norte	1.43	(0.18)	0.39	(0.36)	1.00	(0.14)	1.87	(0.34)	2.48	(0.32)	0.89	(0.13)
Rio Grande do Sul	1.05	(0.17)	0.00	(0.00)	0.51	(0.35)	1.50	(0.39)	2.20	(0.20)	0.95	(0.10)
Rondônia	0.85	(0.18)	0.00	(0.00)	0.28	(0.43)	1.00	(0.18)	2.13	(0.33)	0.88	(0.11)
Roraima	1.12	(0.22)	0.00	(0.11)	0.67	(0.40)	1.16	(0.33)	2.66	(0.33)	1.05	(0.12)
Santa Catarina	1.54	(0.14)	0.64	(0.07)	1.30	(0.40)	2.00	(0.08)	2.20	(0.20)	0.73	(0.07)
São Paulo	1.12	(0.11)	0.02	(0.17)	1.00	(0.15)	1.27	(0.25)	2.18	(0.08)	0.83	(0.06)
Sergipe	1.41	(0.26)	0.20	(0.29)	1.00	(0.08)	1.58	(0.62)	2.89	(0.45)	1.04	(0.18)
Tocantins	0.99	(0.15)	0.00	(0.00)	0.62	(0.31)	1.08	(0.20)	2.26	(0.35)	0.90	(0.13)
<b>Colombia</b>												
Bogota	1.80	(0.16)	0.31	(0.26)	1.73	(0.28)	2.16	(0.24)	3.00	(0.04)	1.04	(0.09)
Cali	1.95	(0.11)	0.78	(0.13)	1.59	(0.26)	2.45	(0.24)	3.00	(0.00)	0.94	(0.06)
Manizales	1.58	(0.19)	0.01	(0.21)	1.14	(0.33)	2.18	(0.29)	3.00	(0.10)	1.15	(0.07)
Medellin	1.60	(0.17)	0.28	(0.26)	1.16	(0.25)	2.00	(0.23)	2.97	(0.16)	1.04	(0.08)
<b>Russian Federation</b>												
Perm Territory region*	1.44	(0.13)	0.01	(0.14)	1.00	(0.21)	2.00	(0.18)	2.76	(0.21)	1.06	(0.07)
<b>United Arab Emirates</b>												
Abu Dhabi*	1.31	(0.08)	0.00	(0.06)	0.99	(0.10)	1.91	(0.14)	2.36	(0.10)	0.95	(0.03)
Ajman	1.33	(0.15)	0.30	(0.27)	1.00	(0.00)	1.48	(0.36)	2.55	(0.07)	0.92	(0.06)
Dubai*	2.05	(0.00)	0.88	(0.00)	1.72	(0.01)	2.60	(0.01)	3.00	(0.00)	0.90	(0.00)
Fujairah	1.18	(0.08)	0.31	(0.03)	1.00	(0.00)	1.28	(0.29)	2.15	(0.01)	0.75	(0.03)
Ras Al Khaimah	1.20	(0.16)	0.31	(0.35)	1.00	(0.00)	1.20	(0.30)	2.30	(0.16)	0.81	(0.10)
Sharjah	1.34	(0.14)	0.08	(0.17)	1.17	(0.35)	2.00	(0.11)	2.14	(0.13)	0.87	(0.07)
Umm Al Quwain	1.07	(0.01)	c	c	0.96	(0.03)	1.04	(0.02)	c	c	0.87	(0.01)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table IV.3.31 for national data.

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[Part 3/4]

## Index of creative extracurricular activities at school and mathematics performance, by region


Table B2.IV.12 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Australia</b>														
Australian capital territory	<b>496</b> (7.3)		520 (7.8)		523 (10.2)		<b>523</b> (10.3)		<b>16.7</b> (4.4)		1.4 (0.21)		1.6 (0.87)	
New South Wales	<b>492</b> (7.6)		513 (9.3)		518 (8.3)		<b>516</b> (7.0)		<b>10.4</b> (4.7)		1.2 (0.15)		0.8 (0.68)	
Northern territory	448 (20.2)		459 (27.6)		449 (20.0)		453 (31.9)		1.6 (17.5)		1.1 (0.34)		0.0 (1.49)	
Queensland	<b>478</b> (7.1)		494 (6.0)		520 (7.9)		<b>522</b> (6.8)		<b>27.3</b> (6.1)		<b>1.5</b> (0.17)		4.4 (1.89)	
South Australia	479 (10.6)		493 (9.8)		492 (7.1)		493 (8.2)		9.9 (5.3)		1.3 (0.21)		0.7 (0.77)	
Tasmania	<b>451</b> (8.3)		472 (7.5)		493 (9.1)		<b>498</b> (10.6)		<b>22.6</b> (4.1)		<b>1.6</b> (0.19)		4.3 (1.56)	
Victoria	<b>483</b> (5.0)		490 (5.7)		513 (8.7)		<b>520</b> (8.1)		<b>19.1</b> (4.7)		1.3 (0.16)		2.6 (1.08)	
Western Australia	<b>489</b> (8.4)		510 (8.8)		535 (8.6)		<b>537</b> (9.1)		<b>24.5</b> (5.3)		<b>1.6</b> (0.25)		4.7 (1.98)	
<b>Belgium</b>														
Flemish community*	<b>483</b> (9.0)		537 (8.4)		553 (7.7)		<b>559</b> (8.7)		<b>27.9</b> (5.7)		<b>2.3</b> (0.35)		6.6 (2.77)	
French community	<b>492</b> (7.7)		515 (9.3)		517 (7.9)		<b>515</b> (6.6)		<b>10.4</b> (4.7)		1.2 (0.15)		0.8 (0.68)	
German-speaking community	<b>487</b> (5.5)		487 (6.8)		512 (10.5)		<b>518</b> (8.6)		<b>19.1</b> (4.7)		1.3 (0.14)		2.6 (1.08)	
<b>Canada</b>														
Alberta	<b>495</b> (9.8)		525 (8.5)		524 (9.3)		<b>525</b> (6.4)		<b>23.0</b> (6.5)		1.4 (0.25)		2.6 (1.72)	
British Columbia	<b>505</b> (8.0)		527 (8.5)		529 (6.8)		<b>528</b> (7.2)		<b>16.5</b> (4.9)		1.4 (0.22)		1.8 (1.21)	
Manitoba	494 (6.9)		491 (6.6)		492 (6.5)		492 (6.9)		0.7 (5.5)		0.9 (0.15)		0.0 (0.13)	
New Brunswick	500 (5.5)		502 (8.3)		503 (8.3)		504 (9.6)		2.6 (2.9)		1.0 (0.12)		0.1 (0.14)	
Newfoundland and Labrador	<b>459</b> (11.3)		496 (7.4)		503 (5.6)		<b>504</b> (7.9)		<b>26.0</b> (4.0)		<b>2.0</b> (0.31)		7.1 (3.47)	
Nova Scotia	487 (6.4)		499 (10.3)		500 (8.0)		502 (7.5)		<b>11.4</b> (4.8)		1.2 (0.19)		0.6 (0.59)	
Ontario	513 (6.9)		516 (6.9)		515 (5.8)		514 (6.0)		2.1 (8.1)		1.0 (0.14)		0.0 (0.15)	
Prince Edward Island	482 (5.7)		480 (5.6)		481 (7.0)		482 (7.0)		1.2 (4.7)		0.9 (0.11)		0.0 (0.09)	
Quebec	<b>522</b> (7.2)		537 (6.7)		543 (5.8)		<b>542</b> (5.5)		<b>15.9</b> (5.1)		<b>1.3</b> (0.16)		1.6 (1.01)	
Saskatchewan	515 (7.0)		504 (7.4)		501 (6.4)		504 (5.9)		<b>-8.3</b> (4.0)		0.9 (0.10)		0.6 (0.55)	
<b>Italy</b>														
Abruzzo	463 (20.3)		501 (16.7)		455 (13.5)		484 (13.7)		8.7 (10.4)		1.3 (0.39)		0.7 (1.89)	
Basilicata	471 (11.5)		457 (9.3)		451 (11.9)		478 (10.9)		2.6 (7.3)		1.0 (0.29)		0.1 (0.53)	
Bolzano	<b>485</b> (4.3)		504 (6.2)		517 (5.9)		<b>526</b> (4.2)		<b>16.6</b> (2.3)		<b>1.6</b> (0.17)		3.0 (0.80)	
Calabria	440 (21.6)		423 (15.4)		428 (11.8)		427 (16.4)		-6.1 (12.4)		0.9 (0.41)		0.4 (2.33)	
Campania	467 (11.5)		441 (12.9)		448 (16.2)		468 (16.1)		2.4 (9.0)		<b>0.6</b> (0.19)		0.1 (0.79)	
Emilia Romagna	<b>478</b> (14.1)		485 (16.3)		512 (16.9)		<b>541</b> (16.5)		<b>24.6</b> (7.7)		1.5 (0.42)		6.6 (3.93)	
Friuli Venezia Giulia	<b>470</b> (20.4)		515 (14.2)		542 (9.2)		<b>552</b> (9.1)		<b>29.3</b> (5.1)		<b>2.6</b> (0.74)		13.4 (4.23)	
Lazio	459 (13.7)		475 (15.3)		491 (18.1)		497 (17.4)		16.8 (8.9)		1.4 (0.35)		3.1 (3.26)	
Liguria	<b>462</b> (8.8)		492 (12.6)		492 (10.8)		<b>502</b> (15.8)		<b>19.3</b> (8.5)		<b>1.5</b> (0.23)		2.6 (2.22)	
Lombardia	502 (13.0)		515 (13.5)		528 (13.3)		529 (12.3)		15.3 (10.2)		1.4 (0.33)		1.9 (2.46)	
Marche	498 (15.1)		507 (14.9)		489 (22.0)		503 (10.3)		0.4 (7.9)		1.0 (0.27)		0.0 (0.72)	
Molise	461 (8.3)		462 (7.8)		455 (7.1)		455 (6.8)		-3.7 (3.4)		1.3 (0.22)		0.2 (0.39)	
Piemonte	<b>484</b> (12.5)		495 (11.7)		491 (12.9)		<b>524</b> (15.4)		12.8 (8.7)		1.2 (0.31)		1.7 (2.21)	
Puglia	474 (14.6)		485 (15.1)		484 (10.0)		477 (15.3)		0.7 (9.7)		1.3 (0.35)		0.0 (0.86)	
Sardegna	438 (16.1)		470 (14.1)		463 (11.1)		465 (11.3)		12.0 (8.2)		1.7 (0.47)		1.5 (2.27)	
Sicilia	429 (14.9)		443 (11.0)		461 (16.1)		456 (12.8)		12.3 (7.7)		1.4 (0.45)		2.3 (3.04)	
Toscana	494 (15.4)		486 (13.0)		501 (15.2)		507 (16.3)		6.7 (12.3)		1.0 (0.31)		0.4 (1.72)	
Trento	515 (10.9)		516 (14.4)		542 (11.2)		534 (14.4)		8.9 (6.6)		1.3 (0.30)		1.1 (1.60)	
Umbria	480 (13.9)		494 (10.6)		498 (15.4)		493 (14.8)		4.7 (7.5)		1.1 (0.34)		0.3 (1.01)	
Valle d'Aosta	<b>514</b> (9.4)		515 (10.1)		489 (6.2)		<b>467</b> (6.2)		<b>-23.7</b> (2.7)		<b>0.6</b> (0.14)		6.9 (1.54)	
Veneto	494 (12.7)		558 (18.1)		521 (13.6)		518 (17.7)		7.0 (8.6)		1.7 (0.42)		0.5 (1.68)	
<b>Mexico</b>														
Aguascalientes	<b>409</b> (13.1)		430 (9.9)		445 (11.0)		<b>464</b> (9.7)		<b>19.0</b> (4.4)		<b>1.8</b> (0.38)		8.3 (3.78)	
Baja California	404 (12.3)		407 (15.2)		420 (16.7)		429 (13.9)		9.6 (8.6)		1.1 (0.34)		1.7 (3.08)	
Baja California Sur	402 (12.3)		416 (10.2)		415 (10.7)		424 (8.4)		6.7 (4.9)		1.4 (0.34)		1.0 (1.55)	
Campeche	<b>386</b> (6.6)		379 (10.2)		400 (12.8)		<b>418</b> (8.0)		<b>13.9</b> (4.2)		1.2 (0.22)		3.4 (1.83)	
Chiapas	363 (7.6)		365 (10.9)		373 (19.4)		391 (16.1)		11.9 (7.5)		1.0 (0.28)		2.3 (2.90)	
Chihuahua	<b>389</b> (13.0)		417 (13.4)		453 (16.0)		<b>454</b> (12.6)		<b>31.8</b> (7.0)		<b>2.2</b> (0.58)		14.0 (5.78)	
Coahuila	414 (16.7)		404 (9.9)		420 (12.6)		435 (18.1)		6.4 (9.0)		1.1 (0.33)		0.8 (2.28)	
Colima	<b>404</b> (11.4)		413 (11.6)		439 (11.1)		<b>461</b> (12.7)		<b>26.6</b> (5.9)		1.6 (0.45)		10.1 (4.97)	
Distrito Federal	<b>415</b> (7.7)		419 (12.2)		432 (8.5)		<b>446</b> (10.5)		<b>13.5</b> (5.0)		1.2 (0.29)		2.5 (2.16)	
Durango	<b>391</b> (10.5)		426 (12.3)		441 (10.2)		<b>441</b> (9.4)		<b>21.4</b> (4.6)		<b>2.2</b> (0.48)		8.8 (3.75)	
Guanajuato	396 (13.3)		410 (14.0)		424 (10.3)		416 (14.4)		9.6 (7.1)		1.6 (0.45)		1.9 (2.81)	
Guerrero	360 (8.4)		366 (12.0)		368 (8.8)		379 (9.8)		6.1 (4.6)		1.2 (0.29)		1.2 (1.72)	
Hidalgo	406 (10.9)		398 (11.8)		404 (13.8)		418 (12.5)		3.9 (7.1)		1.1 (0.29)		0.2 (1.16)	
Jalisco	<b>419</b> (15.4)		426 (9.9)		437 (11.0)		<b>456</b> (10.4)		<b>14.5</b> (6.1)		1.5 (0.47)		4.3 (3.62)	
Mexico	412 (10.9)		412 (10.2)		423 (8.5)		422 (15.5)		4.4 (6.8)		1.1 (0.29)		0.5 (1.78)	
Morelos	441 (22.5)		406 (13.8)		402 (15.8)		437 (13.8)		-0.8 (10.2)		0.8 (0.19)		0.0 (0.82)	
Nayarit	<b>384</b> (14.2)		415 (11.1)		415 (9.4)		<b>447</b> (9.5)		<b>19.5</b> (5.1)		1.8 (0.46)		7.6 (3.70)	
Nuevo León	409 (14.2)		448 (12.1)		445 (13.0)		443 (17.5)		14.7 (7.5)		1.7 (0.43)		3.4 (3.60)	
Puebla	403 (16.6)		410 (9.5)		417 (9.8)		431 (8.2)		10.7 (8.8)		1.4 (0.42)		1.8 (2.89)	
Querétaro	<b>417</b> (12.1)		418 (8.4)		440 (15.5)		<b>463</b> (15.7)		<b>20.6</b> (6.8)		1.3 (0.38)		7.5 (4.94)	
Quintana Roo	412 (8.7)		399 (9.7)		398 (12.2)		433 (18.8)		6.1 (7.7)		0.8 (0.25)		0.8 (2.17)	
San Luis Potosí	396 (12.8)		421 (19.8)		418 (15.4)		413 (10.5)		7.6 (6.5)		1.4 (0.34)		1.2 (2.36)	
Sinaloa	<b>398</b> (10.2)		398 (12.2)		421 (10.4)		<b>430</b> (8.5)		<b>11.2</b> (4.5)		1.3 (0.33)		3.0 (2.31)	
Tabasco	<b>362</b> (13.0)		367 (10.5)		378 (15.0)		<b>408</b> (8.5)		<b>13.1</b> (5.6)		1.5 (0.53)		4.9 (4.28)	
Tamaulipas	397 (15.5)		413 (9.9)		416 (10.1)		418 (15.8)		7.3 (8.4)		1.5 (0.39)		1.0 (2.41)	
Tlaxcala	402 (12.1)		406 (12.8)		413 (10.1)		424 (8.2)		12.0 (6.9)		1.3 (0.32)		2.0 (2.36)	
Veracruz	<b>383</b> (11.2)		394 (17.6)		408 (12.8)		<b>424</b> (11.0)		<b>14.9</b> (6.4)		1.4 (0.30)		3.8 (2.84)	
Yucatán	<b>393</b> (10.3)		408 (8.5)		413 (12.0)		<b>426</b> (10.1)		<b>11.3</b> (4.9)		1.3 (0.31)		2.9 (2.54)	
Zacatecas	<b>389</b> (11.7)		407 (7.9)		411 (7.6)		<b>427</b> (7.2)		<b>13.7</b> (4.5)		1.5 (0.31)		4.0 (2.88)	

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.31 for national data.

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[Part 4/4]

## Index of creative extracurricular activities at school and mathematics performance, by region


Table B2.IV.12 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Portugal</b>														
Alentejo	506	(18.8)	489	(17.4)	482	(18.6)	488	(17.3)	-7.0	(9.6)	0.6	(0.35)	0.6	(2.24)
<b>Spain</b>														
Andalusia*	469	(8.1)	472	(7.5)	474	(9.0)	474	(10.7)	3.1	(5.0)	1.0	(0.18)	0.1	(0.48)
Aragon*	474	(12.4)	500	(10.6)	505	(10.2)	508	(13.3)	14.9	(9.2)	1.5	(0.32)	1.8	(2.16)
Asturias*	492	(10.8)	496	(10.5)	496	(8.0)	516	(12.3)	10.7	(8.6)	1.1	(0.17)	0.9	(1.42)
Balearic Islands*	464	(8.9)	476	(9.3)	486	(9.8)	474	(10.5)	5.5	(5.7)	1.3	(0.23)	0.3	(0.61)
Basque Country*	502	(4.2)	504	(4.6)	504	(5.9)	513	(6.5)	3.7	(3.9)	1.0	(0.09)	0.2	(0.35)
Cantabria*	<b>475</b>	(10.3)	<b>483</b>	(10.2)	497	(9.5)	<b>510</b>	(5.4)	<b>18.1</b>	(4.4)	<b>1.5</b>	(0.19)	2.5	(1.26)
Castile and Leon*	506	(7.0)	506	(9.7)	509	(8.4)	515	(7.3)	5.1	(4.3)	1.1	(0.18)	0.3	(0.47)
Catalonia*	495	(6.9)	495	(8.2)	495	(10.7)	488	(14.5)	-4.2	(6.2)	1.0	(0.15)	0.2	(0.69)
Extremadura*	456	(8.2)	457	(7.8)	467	(15.1)	469	(12.1)	5.8	(6.4)	1.0	(0.20)	0.3	(0.65)
Galicia*	488	(6.8)	486	(8.3)	487	(9.1)	494	(9.1)	2.5	(5.7)	1.0	(0.19)	0.1	(0.28)
La Rioja*	505	(5.2)	506	(5.9)	504	(6.2)	503	(4.4)	-1.1	(2.5)	1.1	(0.11)	0.0	(0.07)
Madrid*	496	(9.4)	501	(8.6)	500	(10.8)	518	(7.7)	<b>10.2</b>	(4.9)	1.2	(0.20)	1.0	(0.98)
Murcia*	467	(13.7)	456	(12.0)	461	(11.1)	464	(9.5)	0.2	(6.3)	0.9	(0.23)	0.0	(0.45)
Navarre*	512	(7.4)	511	(7.1)	519	(7.0)	524	(6.9)	4.6	(3.6)	1.0	(0.21)	0.3	(0.49)
<b>United Kingdom</b>														
England	484	(7.0)	500	(8.2)	504	(7.2)	500	(7.5)	<b>20.6</b>	(8.1)	1.3	(0.19)	1.3	(1.05)
Northern Ireland	467	(12.0)	489	(10.1)	490	(10.2)	489	(9.1)	17.8	(9.8)	1.4	(0.27)	2.0	(2.29)
Scotland*	489	(6.2)	497	(5.8)	503	(5.3)	503	(5.2)	8.6	(6.0)	1.2	(0.14)	0.4	(0.52)
Wales	466	(3.9)	469	(5.6)	470	(6.3)	469	(4.7)	1.7	(5.0)	1.0	(0.10)	0.0	(0.09)
<b>United States</b>														
Connecticut*	<b>478</b>	(13.9)	512	(9.3)	517	(9.4)	<b>516</b>	(9.9)	<b>50.6</b>	(15.0)	1.6	(0.33)	4.1	(2.52)
Florida*	464	(8.7)	472	(7.7)	468	(8.1)	473	(8.3)	18.1	(14.2)	1.1	(0.18)	0.4	(0.61)
Massachusetts*	488	(14.8)	521	(10.9)	523	(11.0)	521	(9.5)	<b>24.4</b>	(10.5)	1.4	(0.28)	3.1	(2.40)
<b>Partners</b>														
<b>Argentina</b>														
Ciudad Autónoma de Buenos Aires*	<b>395</b>	(14.7)	388	(22.7)	433	(16.9)	<b>454</b>	(15.3)	<b>22.5</b>	(7.3)	1.4	(0.28)	7.0	(3.58)
<b>Brazil</b>														
Acre	354	(8.9)	367	(14.0)	367	(13.3)	359	(7.6)	3.9	(3.6)	1.2	(0.25)	0.3	(0.54)
Alagoas	362	(16.4)	375	(21.9)	364	(15.9)	345	(20.2)	-7.7	(10.6)	1.0	(0.31)	1.0	(2.58)
Amapá	367	(24.4)	365	(10.3)	350	(11.9)	362	(17.2)	-3.2	(13.1)	0.9	(0.43)	0.3	(3.05)
Amazonas	359	(11.1)	375	(17.1)	359	(13.7)	360	(14.4)	1.3	(6.9)	1.1	(0.37)	0.1	(0.75)
Bahia	355	(22.8)	369	(32.7)	386	(28.9)	400	(19.7)	20.9	(12.7)	2.0	(0.85)	5.9	(7.22)
Ceará	<b>369</b>	(7.9)	372	(9.2)	392	(30.8)	<b>431</b>	(25.9)	<b>22.8</b>	(9.3)	1.1	(0.33)	10.7	(7.59)
Espírito Santo	411	(15.8)	409	(12.8)	438	(29.7)	443	(32.7)	16.5	(21.0)	1.0	(0.41)	3.3	(8.26)
Federal District	<b>392</b>	(9.8)	405	(25.0)	457	(32.4)	<b>450</b>	(21.1)	<b>28.7</b>	(12.1)	1.7	(0.48)	10.0	(6.73)
Goiás	378	(16.8)	385	(14.3)	392	(16.7)	383	(17.6)	5.8	(11.8)	1.1	(0.36)	0.6	(2.61)
Maranhão	355	(7.2)	337	(22.0)	334	(31.2)	c	c	16.7	(13.3)	0.7	(0.31)	3.6	(4.93)
Mato Grosso	389	(24.1)	355	(11.8)	367	(23.7)	377	(24.0)	-4.0	(11.4)	0.8	(0.35)	0.3	(2.32)
Mato Grosso do Sul	389	(17.0)	429	(13.6)	422	(14.9)	412	(12.0)	15.3	(10.2)	1.7	(0.53)	1.9	(2.66)
Minas Gerais	<b>386</b>	(7.3)	393	(7.0)	417	(10.8)	<b>437</b>	(17.9)	<b>26.0</b>	(5.4)	1.6	(0.36)	10.2	(5.21)
Pará	338	(14.1)	385	(17.9)	398	(10.8)	c	c	15.1	(7.9)	<b>2.7</b>	(0.62)	7.8	(8.85)
Paraíba	<b>347</b>	(20.4)	403	(23.6)	419	(14.4)	<b>440</b>	(20.9)	<b>34.2</b>	(11.8)	<b>2.9</b>	(0.81)	15.7	(10.52)
Paraná	390	(8.6)	401	(13.7)	415	(19.5)	426	(40.0)	19.6	(20.4)	1.3	(0.35)	4.2	(8.25)
Pernambuco	372	(10.1)	369	(18.2)	355	(15.2)	374	(17.0)	0.0	(4.6)	0.8	(0.21)	0.0	(0.38)
Piauí	359	(18.6)	423	(24.7)	416	(22.7)	386	(15.6)	4.5	(8.4)	<b>1.8</b>	(0.38)	0.3	(1.41)
Rio de Janeiro	c	c	392	(14.5)	383	(17.0)	387	(10.8)	-9.9	(5.7)	<b>0.4</b>	(0.19)	2.0	(2.09)
Rio Grande do Norte	<b>356</b>	(11.2)	366	(17.0)	412	(25.3)	<b>425</b>	(25.5)	<b>31.8</b>	(9.8)	1.7	(0.43)	10.6	(5.49)
Rio Grande do Sul	418	(11.3)	421	(11.8)	409	(13.5)	403	(15.6)	-7.7	(8.4)	0.8	(0.26)	1.2	(2.69)
Rondônia	395	(11.0)	391	(14.2)	378	(9.2)	396	(15.0)	1.8	(8.5)	0.8	(0.31)	0.1	(1.24)
Roraima	376	(28.5)	356	(12.2)	360	(19.5)	391	(17.8)	9.4	(13.6)	1.4	(0.56)	1.9	(5.71)
Santa Catarina	424	(15.1)	427	(14.0)	433	(12.3)	433	(11.6)	3.4	(11.7)	1.1	(0.33)	0.1	(1.33)
São Paulo	387	(9.3)	419	(11.0)	414	(11.5)	399	(9.0)	5.1	(5.9)	1.3	(0.24)	0.3	(0.78)
Sergipe	371	(10.5)	403	(18.9)	391	(15.7)	414	(21.8)	13.1	(8.2)	1.7	(0.38)	3.8	(4.47)
Tocantins	363	(15.1)	366	(13.1)	357	(15.2)	390	(18.0)	10.6	(8.2)	1.1	(0.34)	1.6	(2.47)
<b>Colombia</b>														
Bogota	387	(10.3)	394	(8.4)	393	(7.5)	402	(5.7)	5.3	(3.7)	<b>1.4</b>	(0.20)	0.7	(1.03)
Cali	393	(9.9)	388	(13.3)	372	(9.0)	368	(9.2)	<b>-12.0</b>	(5.6)	<b>0.6</b>	(0.16)	2.6	(2.45)
Manizales	<b>371</b>	(5.3)	383	(12.1)	423	(9.8)	<b>439</b>	(19.5)	<b>24.1</b>	(6.2)	<b>2.0</b>	(0.30)	14.8	(5.90)
Medellin	<b>362</b>	(7.3)	379	(11.6)	396	(15.7)	<b>437</b>	(21.4)	<b>26.5</b>	(7.1)	<b>1.7</b>	(0.33)	11.1	(4.99)
<b>Russian Federation</b>														
Perm Territory region*	467	(6.9)	468	(11.3)	497	(11.9)	502	(16.4)	<b>14.3</b>	(6.2)	1.2	(0.24)	2.9	(2.49)
<b>United Arab Emirates</b>														
Abu Dhabi*	<b>407</b>	(7.7)	411	(8.9)	431	(7.2)	<b>465</b>	(10.2)	<b>26.0</b>	(4.7)	1.4	(0.21)	8.2	(2.91)
Ajman	<b>419</b>	(9.6)	415	(13.9)	416	(16.7)	<b>391</b>	(9.9)	<b>-12.5</b>	(4.9)	0.9	(0.29)	2.6	(1.83)
Dubai*	<b>434</b>	(3.0)	446	(3.8)	482	(4.7)	<b>510</b>	(4.6)	<b>35.0</b>	(1.6)	<b>1.7</b>	(0.13)	11.6	(0.98)
Fujairah	385	(8.2)	430	(11.2)	430	(15.0)	419	(21.3)	15.3	(8.1)	1.9	(0.47)	2.1	(2.22)
Ras Al Khaimah	<b>402</b>	(11.5)	421	(11.6)	424	(11.7)	<b>453</b>	(9.4)	<b>24.8</b>	(3.8)	1.4	(0.30)	8.0	(2.31)
Sharjah	439	(16.5)	417	(13.1)	456	(21.9)	461	(15.6)	13.6	(11.3)	0.8	(0.31)	2.1	(2.52)
Umm Al Quwain	c	c	404	(10.8)	409	(9.6)	c	c	5.4	(5.2)	1.0	(0.35)	0.4	(0.86)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.3.31 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>




[Part 1/1]  
Pre-school attendance, by region

Table B2.IV.14 Results based on students' self-reports

	Percentage of students reporting that they had attended pre-primary education (ISCED 0)					
	No attendance		For one year or less		For more than one year	
	%	S.E.	%	S.E.	%	S.E.
<b>OECD</b>						
<b>Australia</b>						
Australian capital territory	2.1	(0.6)	46.0	(1.5)	51.8	(1.6)
New South Wales	2.9	(0.4)	40.4	(1.1)	56.7	(1.2)
Northern territory	4.9	(1.2)	61.4	(3.3)	33.7	(3.4)
Queensland	5.2	(0.5)	54.5	(1.2)	40.3	(1.1)
South Australia	5.3	(0.6)	51.4	(1.7)	43.3	(1.7)
Tasmania	4.7	(0.7)	59.9	(1.7)	35.4	(1.8)
Victoria	5.7	(0.5)	36.5	(1.3)	57.8	(1.4)
Western Australia	5.9	(0.7)	39.4	(1.3)	54.6	(1.4)
<b>Belgium</b>						
Flemish community*	2.1	(0.3)	3.1	(0.3)	94.7	(0.5)
French community	2.7	(0.4)	6.1	(0.5)	91.2	(0.6)
German-speaking community	2.3	(0.6)	32.5	(1.9)	65.2	(2.0)
<b>Canada</b>						
Alberta	4.6	(0.5)	57.3	(1.5)	38.1	(1.6)
British Columbia	4.6	(0.6)	50.1	(1.6)	45.3	(1.7)
Manitoba	6.1	(0.7)	53.1	(1.6)	40.8	(1.5)
New Brunswick	7.9	(0.7)	58.8	(1.4)	33.3	(1.5)
Newfoundland and Labrador	2.9	(0.8)	56.3	(1.9)	40.7	(1.6)
Nova Scotia	18.0	(1.1)	43.0	(1.4)	39.0	(1.2)
Ontario	5.9	(0.4)	25.7	(1.3)	68.5	(1.2)
Prince Edward Island	3.2	(0.5)	58.8	(1.4)	38.0	(1.4)
Quebec	19.9	(0.9)	45.0	(1.0)	35.0	(1.3)
Saskatchewan	5.3	(0.7)	54.7	(2.1)	40.0	(1.8)
<b>Italy</b>						
Abruzzo	3.7	(0.5)	5.5	(0.8)	90.8	(1.1)
Basilicata	1.6	(0.3)	3.5	(0.5)	94.9	(0.6)
Bolzano	3.1	(0.4)	7.5	(0.6)	89.4	(0.7)
Calabria	4.2	(0.5)	6.7	(0.6)	89.1	(0.8)
Campania	3.1	(0.5)	9.1	(1.0)	87.9	(1.2)
Emilia Romagna	5.8	(0.6)	8.8	(0.8)	85.5	(1.1)
Friuli Venezia Giulia	4.4	(0.7)	3.8	(0.5)	91.8	(0.8)
Lazio	4.5	(0.7)	8.4	(0.8)	87.0	(0.9)
Liguria	6.6	(0.8)	10.5	(1.1)	83.0	(1.2)
Lombardia	3.9	(0.5)	6.8	(0.8)	89.3	(1.0)
Marche	6.1	(1.0)	7.0	(0.9)	87.0	(1.1)
Molise	3.1	(0.6)	3.7	(0.6)	93.2	(0.8)
Piemonte	3.8	(0.7)	8.8	(0.7)	87.4	(1.1)
Puglia	2.8	(0.5)	6.9	(0.6)	90.3	(0.7)
Sardegna	4.4	(0.8)	6.5	(0.8)	89.1	(1.1)
Sicilia	5.0	(1.0)	13.4	(0.9)	81.6	(1.4)
Toscana	4.6	(0.7)	8.4	(0.8)	87.0	(0.9)
Trento	5.1	(0.8)	4.8	(0.6)	90.1	(1.1)
Umbria	3.9	(0.4)	8.3	(0.7)	87.8	(0.8)
Valle d'Aosta	4.3	(0.8)	5.6	(0.8)	90.1	(1.0)
Veneto	5.6	(1.0)	5.7	(0.7)	88.7	(1.2)
<b>Mexico</b>						
Aguascalientes	4.9	(0.8)	20.8	(1.3)	74.4	(1.5)
Baja California	7.8	(1.5)	26.1	(2.0)	66.1	(2.6)
Baja California Sur	6.4	(1.1)	17.7	(1.8)	75.9	(2.5)
Campeche	16.2	(1.3)	11.7	(1.2)	72.0	(1.6)
Chiapas	21.9	(2.1)	12.3	(1.2)	65.8	(2.5)
Chihuahua	13.9	(2.3)	28.4	(3.1)	57.7	(4.8)
Coahuila	6.7	(1.0)	18.3	(1.7)	74.9	(2.1)
Colima	8.3	(1.1)	14.1	(1.5)	77.7	(1.5)
Distrito Federal	5.6	(0.9)	17.1	(1.1)	77.4	(1.6)
Durango	7.1	(1.2)	18.5	(1.7)	74.4	(2.3)
Guanajuato	8.1	(1.7)	14.2	(1.5)	77.7	(1.8)
Guerrero	15.8	(1.7)	14.8	(1.4)	69.3	(2.5)
Hidalgo	9.1	(1.3)	26.4	(2.1)	64.4	(2.5)
Jalisco	7.3	(1.2)	12.7	(1.3)	80.0	(1.4)
Mexico	8.5	(1.8)	23.7	(1.7)	67.8	(3.0)
Morelos	8.0	(1.0)	21.1	(1.5)	71.0	(2.0)
Nayarit	6.3	(1.0)	16.5	(1.3)	77.2	(1.8)
Nuevo León	4.2	(0.9)	20.3	(1.5)	75.5	(1.5)
Puebla	11.9	(1.7)	14.0	(1.6)	74.1	(2.7)
Querétaro	5.1	(1.5)	19.4	(2.0)	75.5	(3.0)
Quintana Roo	9.2	(1.4)	21.2	(1.5)	69.7	(1.6)
San Luis Potosí	9.0	(2.2)	12.1	(1.3)	78.9	(3.3)
Sinaloa	8.1	(1.2)	20.1	(1.8)	71.8	(1.7)
Tabasco	13.9	(1.6)	11.3	(1.3)	74.8	(1.7)
Tamaulipas	7.8	(2.6)	31.1	(2.7)	61.1	(3.0)
Tlaxcala	5.7	(0.7)	23.6	(2.2)	70.6	(2.4)
Veracruz	10.0	(1.6)	20.4	(1.5)	69.6	(1.7)
Yucatán	10.8	(1.5)	11.7	(1.2)	77.5	(1.8)
Zacatecas	9.0	(1.3)	13.9	(1.4)	77.1	(2.1)
<b>OECD</b>						
<b>Portugal</b>						
Alentejo	11.3	(1.6)	17.4	(1.3)	71.3	(2.0)
<b>Spain</b>						
Andalusia*	7.4	(1.2)	10.5	(0.9)	82.1	(1.6)
Aragon*	6.1	(0.9)	7.0	(0.8)	87.0	(1.4)
Asturias*	2.5	(0.4)	6.0	(0.7)	91.5	(0.8)
Balearic Islands*	7.0	(0.9)	8.3	(1.0)	84.6	(1.5)
Basque Country*	10.3	(0.8)	11.4	(0.6)	78.2	(1.1)
Cantabria*	3.9	(0.6)	7.3	(0.8)	88.8	(1.0)
Castile and Leon*	4.5	(0.6)	4.8	(0.7)	90.7	(1.0)
Catalonia*	6.0	(0.9)	5.2	(0.6)	88.8	(1.2)
Extremadura*	3.6	(0.6)	7.4	(0.8)	89.0	(1.2)
Galicia*	3.5	(0.5)	6.7	(0.7)	89.8	(0.8)
La Rioja*	7.0	(0.7)	5.5	(0.6)	87.5	(0.9)
Madrid*	4.5	(0.7)	9.2	(1.0)	86.3	(1.3)
Murcia*	6.9	(1.2)	8.2	(0.7)	84.9	(1.5)
Navarre*	9.4	(0.9)	9.8	(1.0)	80.8	(1.5)
<b>United Kingdom</b>						
England	5.1	(0.5)	24.7	(0.6)	70.2	(0.8)
Northern Ireland	7.7	(0.6)	49.8	(1.3)	42.5	(1.3)
Scotland*	3.0	(0.3)	29.7	(1.0)	67.3	(1.0)
Wales	5.8	(0.4)	27.5	(0.8)	66.7	(0.9)
<b>United States</b>						
Connecticut*	1.0	(0.4)	12.8	(0.9)	86.2	(1.1)
Florida*	1.7	(0.3)	20.9	(1.5)	77.4	(1.5)
Massachusetts*	1.2	(0.3)	13.7	(1.0)	85.1	(1.1)
<b>Partners</b>						
<b>Argentina</b>						
Ciudad Autónoma de Buenos Aires*	3.8	(0.7)	9.3	(0.9)	86.9	(1.3)
<b>Brazil</b>						
Acre	27.3	(3.5)	35.1	(2.6)	37.6	(3.6)
Alagoas	29.5	(2.0)	33.9	(2.3)	36.6	(1.9)
Amapá	19.2	(2.9)	31.2	(2.1)	49.7	(3.1)
Amazonas	32.7	(2.7)	28.4	(1.9)	38.9	(2.8)
Bahia	27.9	(4.8)	29.3	(3.9)	42.9	(5.0)
Ceará	26.0	(2.0)	25.5	(2.0)	48.6	(2.1)
Espírito Santo	14.8	(1.1)	21.8	(1.9)	63.3	(2.5)
Federal District	11.4	(0.7)	28.0	(2.0)	60.5	(2.0)
Goiás	22.9	(1.4)	36.9	(2.3)	40.3	(2.1)
Maranhão	20.9	(2.3)	26.3	(2.3)	52.8	(2.6)
Mato Grosso	31.3	(2.5)	35.0	(2.6)	33.7	(3.1)
Mato Grosso do Sul	22.7	(2.7)	34.1	(2.7)	43.2	(3.6)
Minas Gerais	12.4	(1.8)	34.3	(2.3)	53.3	(2.6)
Pará	24.0	(2.2)	27.1	(2.2)	48.9	(2.1)
Paraíba	23.5	(2.7)	31.0	(2.7)	45.6	(4.4)
Paraná	23.3	(2.4)	38.3	(3.3)	38.4	(3.8)
Pernambuco	27.7	(3.0)	31.9	(2.0)	40.4	(3.6)
Piauí	14.7	(2.2)	28.9	(1.7)	56.3	(2.1)
Rio de Janeiro	21.5	(1.9)	28.2	(2.5)	50.3	(3.4)
Rio Grande do Norte	19.5	(1.7)	30.6	(2.2)	49.9	(2.8)
Rio Grande do Sul	22.0	(2.1)	45.0	(1.9)	33.0	(2.2)
Rondônia	35.7	(3.5)	28.0	(1.9)	36.4	(3.1)
Roraima	24.3	(1.9)	27.4	(1.5)	48.3	(2.1)
Santa Catarina	18.3	(2.7)	38.8	(3.0)	42.9	(4.6)
São Paulo	11.2	(1.0)	35.5	(1.8)	53.3	(1.9)
Sergipe	13.1	(1.9)	36.8	(1.9)	50.1	(2.5)
Tocantins	28.6	(2.4)	38.0	(2.2)	33.4	(2.5)
<b>Colombia</b>						
Bogota	11.0	(1.0)	59.9	(1.6)	29.1	(1.7)
Calí	16.2	(1.3)	47.3	(1.8)	36.4	(1.7)
Manizales	8.5	(1.4)	52.9	(1.3)	38.5	(1.7)
Medellín	8.5	(1.4)	59.5	(1.8)	32.0	(1.9)
<b>Russian Federation</b>						
Perm Territory region*	10.0	(1.1)	7.0	(0.7)	83.0	(1.4)
<b>United Arab Emirates</b>						
Abu Dhabi*	27.1	(1.1)	25.6	(0.9)	47.3	(1.3)
Ajman	41.0	(3.0)	25.7	(1.7)	33.2	(3.5)
Dubai*	17.3	(0.6)	28.9	(0.8)	53.8	(0.8)
Fujairah	26.8	(2.8)	20.6	(1.8)	52.5	(2.5)
Ras Al Khaimah	27.6	(3.6)	22.0	(2.2)	50.3	(3.4)
Sharjah	18.9	(2.4)	29.2	(2.0)	52.0	(3.4)
Umm Al Quwain	32.1	(2.3)	20.6	(2.4)	47.3	(2.8)

\* PISA adjudicated region.

Note: See Table IV.3.33 for national data.

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[Part 1/4]  
**Index of school responsibility for curriculum and assessment and mathematics performance, by region**  
 Table B2.IV.16 *Results based on school principals' reports*

	Index of school responsibility for curriculum and assessment										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	-0.25	(0.01)	-0.82	(0.00)	-0.68	(0.01)	-0.34	(0.01)	0.85	(0.05)	0.75	(0.01)
New South Wales	-0.01	(0.06)	-0.79	(0.02)	-0.48	(0.05)	-0.14	(0.06)	1.35	(0.16)	0.84	(0.04)
Northern territory	-0.24	(0.14)	-0.79	(0.01)	-0.56	(0.03)	-0.26	(0.10)	0.67	(0.49)	0.66	(0.18)
Queensland	0.10	(0.09)	-0.80	(0.02)	-0.48	(0.07)	0.24	(0.28)	1.44	(0.00)	0.91	(0.03)
South Australia	-0.01	(0.10)	-0.82	(0.01)	-0.58	(0.05)	-0.06	(0.30)	1.44	(0.11)	0.91	(0.05)
Tasmania	0.11	(0.03)	-0.80	(0.01)	-0.56	(0.01)	0.38	(0.11)	1.44	(0.00)	0.96	(0.01)
Victoria	0.43	(0.08)	-0.62	(0.04)	-0.18	(0.08)	1.09	(0.24)	1.44	(0.00)	0.91	(0.02)
Western Australia	0.08	(0.08)	-0.75	(0.03)	-0.43	(0.05)	0.06	(0.25)	1.44	(0.06)	0.87	(0.04)
<b>Belgium</b>												
Flemish community*	0.12	(0.07)	-0.64	(0.04)	-0.42	(0.03)	0.08	(0.22)	1.44	(0.03)	0.83	(0.03)
French community	-0.01	(0.06)	-0.79	(0.02)	-0.48	(0.05)	-0.14	(0.06)	1.35	(0.16)	0.84	(0.04)
German-speaking community	0.43	(0.08)	-0.62	(0.04)	-0.18	(0.08)	1.09	(0.24)	1.44	(0.00)	0.91	(0.02)
<b>Canada</b>												
Alberta	-0.65	(0.04)	-1.00	(0.03)	-0.81	(0.01)	-0.69	(0.04)	-0.11	(0.11)	0.43	(0.06)
British Columbia	-0.39	(0.06)	-0.86	(0.02)	-0.72	(0.03)	-0.39	(0.07)	0.41	(0.20)	0.61	(0.08)
Manitoba	-0.40	(0.04)	-0.88	(0.02)	-0.77	(0.02)	-0.54	(0.04)	0.58	(0.13)	0.69	(0.05)
New Brunswick	-0.88	(0.02)	-1.08	(0.01)	-1.00	(0.01)	-0.88	(0.01)	-0.58	(0.08)	0.29	(0.09)
Newfoundland and Labrador	-0.98	(0.03)	-1.17	(0.01)	-1.04	(0.01)	-0.99	(0.01)	-0.73	(0.10)	0.33	(0.10)
Nova Scotia	-0.84	(0.07)	-1.15	(0.03)	-0.99	(0.04)	-0.84	(0.08)	-0.36	(0.16)	0.37	(0.09)
Ontario	-0.58	(0.06)	-0.99	(0.02)	-0.82	(0.02)	-0.70	(0.05)	0.20	(0.20)	0.62	(0.08)
Prince Edward Island	-0.86	(0.00)	-1.09	(0.00)	-0.85	(0.00)	-0.81	(0.00)	-0.68	(0.01)	0.23	(0.01)
Quebec	-0.18	(0.07)	-0.87	(0.02)	-0.58	(0.04)	-0.26	(0.07)	0.98	(0.19)	0.78	(0.05)
Saskatchewan	-0.63	(0.03)	-1.00	(0.01)	-0.84	(0.02)	-0.74	(0.02)	0.05	(0.12)	0.54	(0.05)
<b>Italy</b>												
Abruzzo	0.46	(0.11)	-0.72	(0.09)	-0.15	(0.19)	1.29	(0.25)	1.44	(0.00)	0.95	(0.04)
Basilicata	0.57	(0.12)	-0.69	(0.07)	0.09	(0.38)	1.44	(0.07)	1.44	(0.00)	0.97	(0.03)
Bolzano	-0.35	(0.01)	-0.82	(0.00)	-0.67	(0.01)	-0.44	(0.01)	0.54	(0.02)	0.64	(0.01)
Calabria	0.51	(0.11)	-0.68	(0.08)	0.07	(0.29)	1.20	(0.13)	1.44	(0.00)	0.91	(0.04)
Campania	0.76	(0.11)	-0.56	(0.18)	0.73	(0.28)	1.44	(0.10)	1.44	(0.00)	0.85	(0.07)
Emilia Romagna	0.42	(0.14)	-0.81	(0.04)	-0.25	(0.33)	1.28	(0.24)	1.44	(0.00)	0.99	(0.03)
Friuli Venezia Giulia	0.06	(0.10)	-0.79	(0.03)	-0.42	(0.08)	0.05	(0.22)	1.40	(0.09)	0.85	(0.04)
Lazio	0.34	(0.13)	-0.78	(0.05)	-0.31	(0.20)	1.02	(0.35)	1.44	(0.00)	0.95	(0.04)
Liguria	0.11	(0.12)	-0.71	(0.06)	-0.39	(0.06)	0.25	(0.29)	1.29	(0.13)	0.81	(0.05)
Lombardia	-0.01	(0.12)	-0.78	(0.04)	-0.48	(0.08)	0.00	(0.27)	1.24	(0.16)	0.80	(0.06)
Marche	0.17	(0.13)	-0.77	(0.05)	-0.26	(0.18)	0.29	(0.35)	1.44	(0.08)	0.86	(0.05)
Molise	0.60	(0.02)	-0.78	(0.01)	0.30	(0.07)	1.44	(0.00)	1.44	(0.00)	0.99	(0.01)
Piemonte	0.26	(0.13)	-0.85	(0.12)	-0.37	(0.12)	0.82	(0.37)	1.44	(0.00)	0.97	(0.05)
Puglia	0.34	(0.14)	-0.76	(0.05)	-0.34	(0.20)	1.04	(0.37)	1.44	(0.00)	0.95	(0.04)
Sardegna	0.18	(0.11)	-0.81	(0.04)	-0.39	(0.14)	0.47	(0.31)	1.44	(0.02)	0.91	(0.05)
Sicilia	0.50	(0.14)	-0.62	(0.08)	-0.09	(0.26)	1.25	(0.28)	1.44	(0.00)	0.90	(0.04)
Toscana	0.44	(0.14)	-0.66	(0.07)	-0.09	(0.28)	1.08	(0.29)	1.44	(0.00)	0.88	(0.04)
Trento	0.22	(0.09)	-0.83	(0.03)	-0.28	(0.17)	0.65	(0.11)	1.37	(0.10)	0.87	(0.02)
Umbria	0.44	(0.11)	-0.73	(0.03)	-0.16	(0.22)	1.23	(0.27)	1.44	(0.00)	0.94	(0.02)
Valle d'Aosta	-0.19	(0.01)	-0.81	(0.00)	-0.61	(0.01)	-0.26	(0.02)	0.91	(0.04)	0.75	(0.01)
Veneto	0.50	(0.12)	-0.54	(0.07)	-0.02	(0.20)	1.12	(0.26)	1.44	(0.00)	0.83	(0.04)
<b>Mexico</b>												
Aguaascalientes	-0.78	(0.07)	-1.21	(0.02)	-1.09	(0.03)	-0.84	(0.06)	0.00	(0.20)	0.59	(0.08)
Baja California	-0.85	(0.09)	-1.25	(0.03)	-1.07	(0.11)	-0.83	(0.08)	-0.23	(0.30)	0.59	(0.15)
Baja California Sur	-0.79	(0.09)	-1.17	(0.03)	-1.09	(0.03)	-0.85	(0.10)	-0.05	(0.28)	0.56	(0.11)
Campeche	-0.70	(0.08)	-1.13	(0.02)	-1.02	(0.02)	-0.82	(0.12)	0.17	(0.22)	0.59	(0.09)
Chiapas	-0.89	(0.07)	-1.24	(0.02)	-1.11	(0.02)	-0.92	(0.12)	-0.28	(0.18)	0.45	(0.08)
Chihuahua	-0.87	(0.10)	-1.25	(0.01)	-1.17	(0.06)	-0.96	(0.12)	-0.08	(0.29)	0.59	(0.13)
Coahuila	-0.81	(0.06)	-1.15	(0.03)	-1.07	(0.04)	-0.88	(0.06)	-0.15	(0.21)	0.55	(0.09)
Colima	-0.75	(0.05)	-1.15	(0.02)	-1.02	(0.07)	-0.79	(0.07)	-0.06	(0.11)	0.48	(0.03)
Distrito Federal	-0.95	(0.05)	-1.23	(0.04)	-1.09	(0.03)	-0.90	(0.09)	-0.58	(0.13)	0.30	(0.06)
Durango	-0.73	(0.13)	-1.21	(0.03)	-0.95	(0.08)	-0.80	(0.11)	0.07	(0.37)	0.53	(0.10)
Guanajuato	-0.80	(0.08)	-1.23	(0.03)	-1.09	(0.03)	-0.97	(0.05)	0.09	(0.29)	0.73	(0.12)
Guerrero	-0.92	(0.07)	-1.26	(0.02)	-1.11	(0.05)	-1.02	(0.07)	-0.28	(0.23)	0.52	(0.10)
Hidalgo	-0.89	(0.07)	-1.25	(0.02)	-1.09	(0.04)	-0.90	(0.06)	-0.31	(0.25)	0.51	(0.12)
Jalisco	-0.90	(0.07)	-1.22	(0.05)	-1.04	(0.05)	-0.88	(0.07)	-0.45	(0.19)	0.41	(0.11)
Mexico	-0.93	(0.06)	-1.25	(0.02)	-1.12	(0.04)	-0.91	(0.09)	-0.43	(0.22)	0.46	(0.16)
Morelos	-0.69	(0.09)	-1.13	(0.04)	-0.87	(0.06)	-0.81	(0.03)	0.07	(0.33)	0.59	(0.14)
Nayarit	-0.71	(0.11)	-1.24	(0.03)	-1.05	(0.04)	-0.86	(0.05)	0.31	(0.36)	0.73	(0.11)
Nuevo León	-0.59	(0.15)	-1.20	(0.04)	-0.98	(0.11)	-0.48	(0.17)	0.31	(0.38)	0.70	(0.15)
Puebla	-0.80	(0.11)	-1.23	(0.03)	-1.09	(0.02)	-0.91	(0.06)	0.02	(0.37)	0.66	(0.17)
Querétaro	-0.80	(0.09)	-1.16	(0.02)	-1.09	(0.08)	-0.81	(0.14)	-0.13	(0.23)	0.53	(0.12)
Quintana Roo	-0.89	(0.07)	-1.20	(0.03)	-1.07	(0.04)	-0.87	(0.07)	-0.41	(0.25)	0.52	(0.15)
San Luis Potosí	-0.97	(0.05)	-1.24	(0.02)	-1.11	(0.03)	-0.96	(0.07)	-0.57	(0.13)	0.32	(0.08)
Sinaloa	-0.98	(0.05)	-1.25	(0.01)	-1.13	(0.05)	-0.90	(0.09)	-0.63	(0.09)	0.27	(0.04)
Tabasco	-1.00	(0.05)	-1.26	(0.00)	-1.15	(0.03)	-1.04	(0.08)	-0.54	(0.15)	0.34	(0.08)
Tamaulipas	-0.88	(0.04)	-1.12	(0.01)	-1.06	(0.05)	-0.84	(0.05)	-0.52	(0.10)	0.34	(0.03)
Tlaxcala	-0.88	(0.08)	-1.24	(0.03)	-1.09	(0.01)	-0.97	(0.07)	-0.23	(0.26)	0.56	(0.13)
Veracruz	-1.05	(0.04)	-1.24	(0.02)	-1.10	(0.03)	-1.07	(0.04)	-0.76	(0.09)	0.22	(0.05)
Yucatán	-0.79	(0.11)	-1.25	(0.01)	-1.11	(0.02)	-0.97	(0.12)	0.17	(0.37)	0.67	(0.15)
Zacatecas	-0.79	(0.07)	-1.15	(0.02)	-1.07	(0.02)	-0.90	(0.06)	-0.05	(0.22)	0.57	(0.07)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.4.3 for national data.

StatLink <http://dx.doi.org/10.1787/888932957536>

[Part 2/4]

## Index of school responsibility for curriculum and assessment and mathematics performance, by region


Table B2.IV.16 Results based on school principals' reports

	Index of school responsibility for curriculum and assessment										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	-0.57	(0.14)	-1.05	(0.03)	-0.90	(0.06)	-0.68	(0.16)	0.36	(0.41)	0.65	(0.14)
<b>Spain</b>												
Andalusia*	-0.64	(0.07)	-1.14	(0.05)	-0.85	(0.07)	-0.60	(0.09)	0.04	(0.16)	0.52	(0.09)
Aragon*	-0.55	(0.09)	-1.08	(0.02)	-0.85	(0.04)	-0.73	(0.08)	0.45	(0.28)	0.73	(0.09)
Asturias*	-0.66	(0.08)	-1.10	(0.02)	-0.86	(0.06)	-0.73	(0.05)	0.05	(0.24)	0.55	(0.11)
Balearic Islands*	-0.43	(0.07)	-0.98	(0.04)	-0.79	(0.03)	-0.52	(0.07)	0.58	(0.23)	0.72	(0.08)
Basque Country*	0.09	(0.07)	-0.80	(0.02)	-0.48	(0.05)	0.20	(0.22)	1.44	(0.01)	0.91	(0.03)
Cantabria*	-0.51	(0.06)	-1.02	(0.06)	-0.76	(0.04)	-0.53	(0.08)	0.27	(0.18)	0.58	(0.08)
Castile and Leon*	-0.44	(0.10)	-1.01	(0.06)	-0.81	(0.01)	-0.55	(0.12)	0.62	(0.31)	0.75	(0.11)
Catalonia*	-0.19	(0.13)	-0.90	(0.03)	-0.70	(0.07)	-0.30	(0.15)	1.15	(0.36)	0.85	(0.10)
Extremadura*	-0.62	(0.08)	-1.12	(0.02)	-0.93	(0.07)	-0.65	(0.12)	0.21	(0.21)	0.58	(0.09)
Galicia*	-0.55	(0.06)	-0.97	(0.04)	-0.79	(0.04)	-0.54	(0.06)	0.09	(0.20)	0.50	(0.10)
La Rioja*	-0.55	(0.01)	-1.03	(0.00)	-0.85	(0.00)	-0.65	(0.00)	0.33	(0.02)	0.67	(0.01)
Madrid*	-0.65	(0.07)	-1.10	(0.04)	-0.83	(0.03)	-0.66	(0.08)	-0.01	(0.22)	0.51	(0.12)
Murcia*	-0.48	(0.09)	-1.04	(0.05)	-0.82	(0.03)	-0.64	(0.06)	0.58	(0.29)	0.74	(0.09)
Navarre*	-0.37	(0.06)	-0.98	(0.04)	-0.74	(0.03)	-0.44	(0.08)	0.66	(0.17)	0.70	(0.05)
<b>United Kingdom</b>												
England	0.99	(0.06)	-0.35	(0.20)	1.44	(0.08)	1.44	(0.00)	1.44	(0.00)	0.81	(0.04)
Northern Ireland	0.89	(0.08)	-0.36	(0.10)	1.05	(0.24)	1.44	(0.00)	1.44	(0.00)	0.82	(0.04)
Scotland*	0.28	(0.08)	-0.68	(0.04)	-0.34	(0.07)	0.71	(0.24)	1.44	(0.00)	0.92	(0.03)
Wales	0.88	(0.06)	-0.27	(0.06)	0.90	(0.21)	1.44	(0.00)	1.44	(0.00)	0.79	(0.03)
<b>United States</b>												
Connecticut*	-0.01	(0.15)	-0.90	(0.05)	-0.66	(0.13)	0.08	(0.43)	1.44	(0.09)	0.94	(0.06)
Florida*	-0.82	(0.05)	-1.15	(0.02)	-0.99	(0.05)	-0.80	(0.04)	-0.35	(0.14)	0.34	(0.04)
Massachusetts*	0.29	(0.09)	-0.74	(0.04)	-0.23	(0.12)	0.71	(0.26)	1.44	(0.00)	0.89	(0.03)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	-0.11	(0.12)	-0.95	(0.05)	-0.63	(0.11)	-0.12	(0.26)	1.26	(0.19)	0.87	(0.07)
<b>Brazil</b>												
Acre	-0.55	(0.08)	-1.01	(0.04)	-0.88	(0.05)	-0.68	(0.13)	0.38	(0.21)	0.68	(0.08)
Alagoas	-0.25	(0.23)	-1.10	(0.08)	-0.81	(0.08)	-0.16	(0.48)	1.08	(0.44)	0.89	(0.15)
Amapá	-0.29	(0.09)	-0.98	(0.07)	-0.72	(0.11)	-0.32	(0.08)	0.86	(0.29)	0.75	(0.08)
Amazonas	-0.55	(0.19)	-1.16	(0.02)	-1.00	(0.09)	-0.79	(0.12)	0.76	(0.65)	0.87	(0.18)
Bahia	-0.30	(0.17)	-0.99	(0.08)	-0.68	(0.18)	-0.18	(0.22)	c	c	0.69	(0.15)
Ceará	-0.20	(0.11)	-1.00	(0.10)	-0.57	(0.13)	-0.13	(0.18)	0.92	(0.18)	0.78	(0.06)
Espírito Santo	-0.64	(0.20)	-1.11	(0.02)	-1.06	(0.04)	-0.84	(0.08)	0.46	(0.75)	0.80	(0.23)
Federal District	-0.32	(0.16)	-1.10	(0.12)	-0.81	(0.04)	-0.24	(0.32)	0.89	(0.44)	0.83	(0.17)
Goiás	-0.56	(0.17)	-1.12	(0.04)	-0.95	(0.08)	-0.73	(0.09)	0.55	(0.56)	0.80	(0.18)
Maranhão	-0.46	(0.17)	c	c	-0.89	(0.12)	-0.40	(0.26)	0.56	(0.45)	0.74	(0.16)
Mato Grosso	-0.02	(0.21)	-0.91	(0.07)	-0.60	(0.17)	0.13	(0.45)	1.32	(0.27)	0.89	(0.11)
Mato Grosso do Sul	-0.59	(0.11)	-1.07	(0.03)	-0.90	(0.06)	-0.79	(0.05)	0.40	(0.41)	0.72	(0.14)
Minas Gerais	-0.51	(0.15)	-1.04	(0.04)	-0.84	(0.05)	-0.59	(0.18)	0.43	(0.46)	0.68	(0.18)
Pará	-0.16	(0.10)	-0.99	(0.08)	-0.80	(0.07)	-0.29	(0.34)	c	c	1.00	(0.06)
Paraíba	0.12	(0.30)	-0.86	(0.04)	-0.52	(0.34)	0.44	(0.82)	1.44	(0.13)	0.96	(0.09)
Paraná	-0.35	(0.13)	-0.99	(0.10)	-0.69	(0.13)	-0.42	(0.12)	0.70	(0.36)	0.72	(0.11)
Pernambuco	-0.64	(0.11)	-1.11	(0.06)	-0.87	(0.07)	-0.76	(0.08)	0.20	(0.40)	0.64	(0.17)
Piauí	-0.33	(0.16)	-1.07	(0.04)	-0.95	(0.06)	-0.57	(0.41)	1.30	(0.27)	0.99	(0.09)
Rio de Janeiro	-0.55	(0.08)	-1.17	(0.04)	-0.98	(0.07)	-0.57	(0.15)	0.54	(0.11)	0.73	(0.04)
Rio Grande do Norte	0.01	(0.16)	-0.90	(0.07)	-0.55	(0.23)	0.18	(0.36)	1.32	(0.18)	0.89	(0.08)
Rio Grande do Sul	0.02	(0.13)	-0.81	(0.09)	-0.41	(0.09)	0.09	(0.27)	1.21	(0.20)	0.79	(0.06)
Rondônia	-0.38	(0.16)	-1.05	(0.09)	-0.75	(0.11)	-0.47	(0.20)	0.73	(0.39)	0.72	(0.12)
Roraima	-0.46	(0.08)	-1.09	(0.06)	-0.87	(0.08)	-0.49	(0.12)	0.62	(0.21)	0.76	(0.06)
Santa Catarina	-0.64	(0.17)	-1.19	(0.04)	-1.05	(0.08)	-0.73	(0.17)	0.39	(0.53)	0.77	(0.19)
São Paulo	-0.54	(0.08)	-1.09	(0.02)	-0.93	(0.05)	-0.66	(0.09)	0.53	(0.22)	0.75	(0.08)
Sergipe	-0.30	(0.20)	-1.04	(0.11)	-0.78	(0.11)	-0.43	(0.25)	1.06	(0.50)	0.87	(0.14)
Tocantins	-0.53	(0.12)	-1.06	(0.03)	-0.87	(0.07)	-0.67	(0.10)	0.48	(0.36)	0.70	(0.12)
<b>Colombia</b>												
Bogota	-0.11	(0.10)	-1.02	(0.07)	-0.52	(0.13)	0.07	(0.17)	1.05	(0.15)	0.82	(0.05)
Cali	-0.04	(0.13)	-0.94	(0.07)	-0.53	(0.15)	0.13	(0.27)	1.20	(0.15)	0.84	(0.06)
Manizales	-0.14	(0.12)	-1.07	(0.07)	-0.73	(0.08)	0.03	(0.30)	1.21	(0.15)	0.91	(0.05)
Medellin	-0.20	(0.13)	-1.04	(0.07)	-0.71	(0.09)	-0.22	(0.19)	1.16	(0.28)	0.87	(0.09)
<b>Russian Federation</b>												
Perm Territory region*	0.13	(0.10)	-0.75	(0.04)	-0.46	(0.05)	0.29	(0.37)	1.44	(0.02)	0.90	(0.05)
<b>United Arab Emirates</b>												
Abu Dhabi*	-0.62	(0.06)	-1.26	(0.00)	-1.24	(0.02)	-0.89	(0.05)	0.90	(0.20)	0.96	(0.06)
Ajman	-0.91	(0.12)	-1.26	(0.00)	-1.23	(0.05)	-1.04	(0.04)	-0.11	(0.42)	0.60	(0.19)
Dubai*	0.25	(0.00)	-1.18	(0.00)	-0.43	(0.01)	1.15	(0.01)	1.44	(0.00)	1.13	(0.00)
Fujairah	-0.77	(0.18)	-1.26	(0.00)	-1.15	(0.02)	-1.03	(0.04)	0.37	(0.70)	0.85	(0.23)
Ras Al Khaimah	-0.89	(0.02)	-1.26	(0.00)	-1.24	(0.03)	-1.13	(0.02)	0.07	(0.08)	0.80	(0.02)
Sharjah	-0.65	(0.15)	-1.19	(0.03)	-0.90	(0.07)	-0.79	(0.07)	0.29	(0.52)	0.72	(0.18)
Umm Al Quwain	-0.82	(0.01)	-1.26	(0.00)	-1.26	(0.00)	-1.13	(0.00)	0.37	(0.04)	0.91	(0.01)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.4.3 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>



[Part 3/4]

## Index of school responsibility for curriculum and assessment and mathematics performance, by region


Table B2.IV.16 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
	<b>OECD</b>													
<b>Australia</b>														
Australian capital territory	523	(8.4)	525	(8.1)	515	(8.2)	508	(7.4)	2.3	(4.5)	0.9	(0.15)	0.0	(0.15)
New South Wales	501	(6.8)	516	(10.7)	511	(7.2)	511	(10.3)	1.4	(6.1)	1.0	(0.13)	0.0	(0.26)
Northern territory	430	(17.1)	434	(16.3)	465	(17.2)	481	(22.6)	26.2	(13.4)	1.5	(0.37)	2.5	(3.38)
Queensland	498	(7.0)	497	(7.5)	505	(7.7)	513	(8.7)	7.3	(4.8)	1.1	(0.15)	0.5	(0.70)
South Australia	490	(6.3)	483	(7.9)	500	(10.3)	484	(12.6)	-1.2	(6.3)	0.9	(0.15)	0.0	(0.35)
Tasmania	484	(6.0)	484	(5.9)	460	(7.6)	484	(8.2)	1.2	(3.2)	0.9	(0.15)	0.0	(0.13)
Victoria	<b>486</b>	(6.5)	499	(7.0)	511	(6.9)	<b>509</b>	(8.6)	<b>10.4</b>	(4.4)	1.3	(0.14)	1.1	(0.93)
Western Australia	500	(9.4)	520	(8.6)	519	(7.7)	526	(10.7)	8.5	(6.4)	1.3	(0.20)	0.6	(0.85)
<b>Belgium</b>														
Flemish community*	534	(10.9)	548	(12.2)	521	(13.8)	522	(9.9)	-7.1	(7.1)	0.9	(0.17)	0.3	(0.88)
French community	501	(6.8)	516	(11.0)	510	(8.1)	511	(10.3)	1.4	(6.1)	1.0	(0.14)	0.0	(0.26)
German-speaking community	<b>488</b>	(6.2)	498	(6.7)	509	(7.8)	<b>510</b>	(8.2)	<b>10.4</b>	(4.4)	1.2	(0.14)	1.1	(0.93)
<b>Canada</b>														
Alberta	520	(9.1)	514	(7.0)	504	(11.5)	531	(12.6)	16.0	(8.7)	0.9	(0.17)	0.6	(0.64)
British Columbia	519	(7.2)	523	(10.5)	524	(8.7)	523	(6.7)	0.5	(6.4)	1.2	(0.16)	0.0	(0.14)
Manitoba	481	(8.3)	494	(8.8)	487	(6.5)	507	(8.3)	<b>11.3</b>	(5.6)	1.1	(0.20)	0.8	(0.76)
New Brunswick	<b>493</b>	(6.8)	497	(8.1)	508	(6.3)	<b>512</b>	(6.6)	11.9	(9.8)	1.2	(0.18)	0.2	(0.27)
Newfoundland and Labrador	489	(8.5)	486	(13.4)	498	(11.0)	489	(6.2)	<b>27.9</b>	(4.1)	1.1	(0.35)	1.1	(0.77)
Nova Scotia	492	(8.2)	507	(10.1)	501	(11.6)	488	(20.1)	-8.3	(11.9)	1.1	(0.19)	0.2	(0.40)
Ontario	509	(5.9)	524	(8.9)	515	(7.9)	510	(8.8)	-1.2	(5.1)	1.1	(0.13)	0.0	(0.13)
Prince Edward Island	479	(4.8)	481	(5.5)	477	(5.9)	488	(6.0)	14.2	(9.2)	1.1	(0.12)	0.2	(0.21)
Quebec	525	(7.1)	527	(8.3)	545	(10.5)	546	(9.9)	<b>15.0</b>	(5.3)	1.1	(0.16)	1.6	(1.27)
Saskatchewan	510	(7.3)	507	(6.4)	511	(7.5)	496	(6.4)	-1.9	(4.6)	0.9	(0.14)	0.0	(0.10)
<b>Italy</b>														
Abruzzo	457	(20.0)	475	(14.8)	488	(14.1)	484	(9.2)	12.4	(9.3)	1.5	(0.47)	1.7	(2.64)
Basilicata	467	(14.2)	488	(12.4)	456	(11.3)	451	(7.5)	-8.0	(7.5)	1.0	(0.27)	0.8	(1.66)
Bolzano	<b>472</b>	(4.3)	522	(4.0)	519	(6.8)	<b>512</b>	(4.1)	2.2	(2.5)	<b>1.9</b>	(0.22)	0.0	(0.07)
Calabria	417	(14.4)	445	(16.9)	432	(13.1)	426	(12.4)	2.0	(9.5)	1.2	(0.35)	0.1	(0.76)
Campania	448	(19.7)	445	(22.9)	460	(13.6)	457	(13.2)	7.1	(9.1)	1.1	(0.33)	0.5	(1.19)
Emilia Romagna	476	(15.2)	502	(20.6)	514	(15.4)	509	(14.5)	12.3	(10.0)	1.5	(0.41)	1.6	(2.57)
Friuli Venezia Giulia	527	(18.7)	508	(8.4)	514	(14.0)	543	(16.6)	13.1	(12.0)	1.0	(0.42)	1.6	(2.88)
Lazio	488	(25.1)	457	(27.0)	470	(20.1)	484	(14.3)	1.9	(10.4)	0.9	(0.33)	0.0	(0.98)
Liguria	<b>456</b>	(15.1)	498	(19.6)	482	(10.4)	<b>516</b>	(17.6)	<b>22.5</b>	(8.2)	1.7	(0.41)	4.0	(3.06)
Lombardia	496	(22.8)	535	(13.0)	530	(11.4)	506	(14.8)	-2.3	(10.0)	1.6	(0.37)	0.1	(0.96)
Marche	505	(13.6)	486	(12.3)	493	(18.0)	501	(10.6)	3.0	(7.4)	1.0	(0.31)	0.1	(0.46)
Molise	<b>491</b>	(4.9)	441	(5.4)	468	(6.8)	<b>466</b>	(6.5)	-4.2	(2.6)	<b>0.4</b>	(0.08)	0.3	(0.34)
Piemonte	495	(17.9)	491	(9.2)	513	(13.1)	495	(13.1)	6.4	(8.8)	1.2	(0.38)	0.5	(1.53)
Puglia	464	(16.2)	475	(21.5)	486	(11.1)	487	(12.5)	10.3	(7.4)	1.5	(0.47)	1.3	(1.87)
Sardegna	459	(11.7)	463	(13.3)	446	(11.6)	464	(15.8)	1.1	(8.5)	1.0	(0.25)	0.0	(0.61)
Sicilia	460	(15.5)	430	(17.7)	457	(13.7)	440	(12.9)	-1.7	(9.7)	0.7	(0.27)	0.0	(0.93)
Toscana	493	(14.2)	521	(20.4)	465	(19.8)	503	(17.4)	-5.5	(11.0)	1.1	(0.30)	0.3	(1.28)
Trento	482	(12.4)	540	(9.9)	560	(7.7)	515	(20.6)	14.8	(10.2)	<b>2.5</b>	(0.71)	2.4	(3.50)
Umbria	<b>520</b>	(9.8)	499	(17.0)	482	(21.0)	<b>468</b>	(14.6)	<b>-21.1</b>	(8.4)	<b>0.5</b>	(0.16)	5.0	(3.67)
Valle d'Aosta	481	(5.3)	514	(6.6)	502	(7.5)	471	(5.6)	-7.4	(3.8)	1.0	(0.17)	0.5	(0.46)
Veneto	531	(19.2)	538	(20.4)	517	(18.1)	507	(12.4)	-14.9	(11.1)	0.8	(0.32)	1.9	(2.93)
<b>Mexico</b>														
Aguascalientes	434	(10.4)	406	(15.0)	449	(15.0)	459	(9.8)	<b>22.3</b>	(10.8)	1.0	(0.20)	3.2	(2.31)
Baja California	420	(17.6)	405	(16.0)	419	(22.1)	417	(12.7)	12.4	(6.4)	0.8	(0.40)	1.0	(1.16)
Baja California Sur	415	(8.8)	402	(15.9)	440	(11.5)	401	(18.5)	-15.8	(11.2)	1.0	(0.27)	1.5	(2.29)
Campeche	394	(9.0)	397	(9.8)	384	(6.7)	407	(9.8)	<b>16.9</b>	(8.3)	1.0	(0.27)	2.0	(1.62)
Chiapas	364	(16.7)	382	(13.5)	362	(18.2)	384	(18.7)	6.7	(14.2)	1.4	(0.50)	0.2	(0.90)
Chihuahua	423	(18.1)	433	(19.0)	431	(17.3)	426	(17.3)	-2.3	(11.8)	0.9	(0.32)	0.0	(0.63)
Coahuila	<b>402</b>	(12.2)	410	(13.7)	425	(20.7)	<b>436</b>	(12.1)	5.2	(9.1)	1.5	(0.44)	0.2	(0.70)
Colima	423	(14.3)	414	(15.2)	449	(18.6)	431	(10.4)	5.4	(9.7)	1.4	(0.35)	0.1	(0.52)
Distrito Federal	<b>411</b>	(11.5)	392	(23.8)	453	(16.8)	<b>456</b>	(13.7)	<b>86.1</b>	(11.2)	1.2	(0.48)	12.1	(5.36)
Durango	435	(9.3)	410	(10.6)	408	(15.0)	444	(15.3)	12.2	(12.3)	0.7	(0.19)	0.8	(1.62)
Guanajuato	<b>388</b>	(15.1)	402	(15.1)	416	(16.6)	<b>441</b>	(10.6)	9.9	(8.1)	1.6	(0.52)	0.9	(1.35)
Guerrero	371	(11.3)	354	(8.4)	374	(13.4)	368	(13.2)	-7.2	(15.4)	0.9	(0.31)	0.3	(1.54)
Hidalgo	<b>390</b>	(11.6)	382	(17.9)	434	(13.5)	<b>420</b>	(11.8)	19.5	(15.0)	1.3	(0.30)	1.8	(2.75)
Jalisco	436	(18.3)	434	(16.7)	433	(15.3)	436	(12.2)	2.3	(12.0)	1.0	(0.36)	0.0	(0.41)
Mexico	409	(11.4)	410	(7.5)	423	(13.5)	428	(14.6)	<b>34.2</b>	(12.5)	1.3	(0.33)	5.4	(6.02)
Morelos	419	(15.4)	423	(24.6)	403	(17.7)	440	(23.0)	0.1	(8.6)	1.0	(0.26)	0.0	(0.29)
Nayarit	422	(11.6)	396	(13.5)	409	(13.0)	428	(9.5)	10.5	(6.1)	0.7	(0.21)	1.0	(1.25)
Nuevo León	435	(12.4)	416	(17.3)	448	(16.0)	445	(18.2)	2.5	(13.2)	1.0	(0.34)	0.1	(1.21)
Puebla	407	(14.2)	417	(11.8)	416	(11.4)	421	(11.5)	1.9	(8.4)	1.3	(0.42)	0.0	(0.46)
Querétaro	426	(10.2)	437	(18.3)	450	(18.4)	426	(17.7)	6.4	(10.7)	1.1	(0.27)	0.2	(0.80)
Quintana Roo	406	(6.4)	408	(9.6)	405	(11.6)	423	(14.4)	<b>20.5</b>	(6.9)	1.1	(0.24)	2.2	(1.83)
San Luis Potosí	416	(17.1)	389	(20.4)	419	(10.7)	423	(19.2)	18.9	(35.7)	1.0	(0.30)	0.7	(2.82)
Sinaloa	425	(10.8)	417	(15.7)	399	(9.9)	402	(13.1)	-32.5	(25.3)	<b>0.6</b>	(0.18)	1.6	(2.55)
Tabasco	384	(7.5)	372	(10.7)	392	(15.0)	365	(21.4)	-16.4	(23.5)	0.8	(0.15)	0.6	(1.98)
Tamaulipas	396	(10.9)	404	(12.4)	419	(15.2)	425	(15.3)	30.4	(16.9)	1.2	(0.29)	2.0	(2.04)
Tlaxcala	422	(9.1)	406	(13.8)	408	(12.2)	409	(12.5)	-2.4	(8.7)	0.7	(0.20)	0.1	(0.43)
Veracruz	415	(15.4)	402	(12.2)	396	(11.2)	396	(16.8)	-28.8	(28.0)	<b>0.6</b>	(0.20)	0.7	(1.33)
Yucatán	420	(8.9)	389	(9.0)	400	(16.9)	430	(14.1)	<b>21.4</b>	(6.6)	0.6	(0.20)	3.7	(2.69)
Zacatecas	399	(8.9)	410	(9.7)	413	(11.1)	412	(9.7)	7.2	(8.0)	1.2	(0.24)	0.3	(0.59)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.4.3 for national data.

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[Part 4/4]

## Index of school responsibility for curriculum and assessment and mathematics performance, by region


Table B2.IV.16 Results based on school principals' reports

	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter							
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Ratio	S.E.	%	S.E.
<b>OECD</b>														
<b>Portugal</b>														
Alentejo	477	(28.5)	497	(28.6)	500	(17.7)	481	(15.2)	-11.8	(18.0)	1.1	(0.53)	0.7	(2.85)
<b>Spain</b>														
Andalusia*	<b>456</b>	(9.7)	483	(11.1)	467	(10.2)	<b>483</b>	(8.1)	13.3	(9.3)	1.3	(0.23)	0.7	(0.98)
Aragon*	507	(10.9)	492	(12.5)	481	(10.8)	505	(13.6)	4.1	(7.2)	0.8	(0.15)	0.1	(0.45)
Asturias*	496	(14.6)	496	(8.0)	510	(14.4)	497	(11.3)	4.7	(11.1)	1.0	(0.27)	0.1	(0.50)
Balearic Islands*	<b>463</b>	(7.8)	461	(10.0)	470	(13.8)	<b>507</b>	(6.6)	<b>24.0</b>	(5.6)	1.3	(0.21)	3.9	(1.46)
Basque Country*	504	(6.1)	510	(4.8)	509	(5.3)	499	(6.0)	-1.4	(3.5)	1.1	(0.12)	0.0	(0.18)
Cantabria*	488	(6.8)	490	(10.9)	485	(9.0)	503	(9.8)	-1.7	(7.3)	1.0	(0.13)	0.0	(0.18)
Castile and Leon*	502	(11.4)	518	(8.9)	498	(11.5)	517	(7.4)	5.7	(5.0)	1.2	(0.25)	0.3	(0.48)
Catalonia*	483	(10.9)	499	(15.0)	486	(9.7)	504	(12.6)	8.9	(6.5)	1.2	(0.21)	0.8	(1.26)
Extremadura*	462	(10.5)	456	(7.5)	469	(8.2)	461	(11.0)	0.8	(13.1)	1.0	(0.21)	0.0	(0.51)
Galicia*	480	(7.4)	472	(11.8)	502	(8.6)	501	(8.8)	<b>15.6</b>	(7.6)	1.3	(0.23)	0.8	(0.66)
La Rioja*	<b>489</b>	(5.6)	495	(5.8)	502	(5.4)	<b>526</b>	(4.4)	<b>17.6</b>	(3.4)	1.2	(0.14)	1.4	(0.53)
Madrid*	483	(8.8)	505	(8.9)	514	(11.1)	513	(14.0)	<b>23.0</b>	(11.6)	<b>1.5</b>	(0.24)	1.8	(2.00)
Murcia*	<b>452</b>	(11.8)	453	(8.8)	447	(11.9)	<b>494</b>	(17.6)	<b>25.7</b>	(8.0)	1.1	(0.24)	4.4	(2.83)
Navarre*	517	(7.0)	515	(7.6)	521	(7.6)	514	(6.1)	0.5	(5.0)	1.0	(0.12)	0.0	(0.14)
<b>United Kingdom</b>														
England	<b>471</b>	(6.1)	501	(9.0)	503	(6.2)	<b>505</b>	(6.5)	<b>16.0</b>	(4.1)	<b>1.4</b>	(0.18)	1.9	(0.97)
Northern Ireland	497	(13.2)	478	(9.5)	487	(7.0)	485	(6.8)	-6.7	(8.0)	1.1	(0.21)	0.3	(0.97)
Scotland*	495	(5.7)	498	(6.9)	500	(5.6)	501	(6.5)	2.3	(3.8)	1.0	(0.13)	0.1	(0.28)
Wales	472	(4.9)	470	(4.5)	466	(4.6)	466	(4.7)	-3.0	(3.8)	0.9	(0.11)	0.1	(0.19)
<b>United States</b>														
Connecticut*	506	(17.9)	502	(12.3)	511	(12.4)	504	(12.9)	-0.4	(9.1)	1.1	(0.31)	0.0	(0.60)
Florida*	478	(7.8)	446	(12.4)	470	(15.5)	474	(13.4)	11.3	(13.5)	0.8	(0.15)	0.2	(0.53)
Massachusetts*	500	(12.7)	520	(12.0)	520	(10.6)	513	(18.0)	3.4	(9.4)	1.2	(0.24)	0.1	(0.75)
<b>Partners</b>														
<b>Argentina</b>														
Ciudad Autónoma de Buenos Aires*	<b>369</b>	(23.4)	415	(25.1)	428	(13.5)	<b>460</b>	(14.1)	<b>35.2</b>	(8.3)	<b>2.4</b>	(0.62)	10.5	(4.30)
<b>Brazil</b>														
Acre	353	(7.9)	347	(9.5)	363	(12.9)	376	(17.9)	<b>30.9</b>	(10.1)	1.0	(0.25)	9.8	(7.32)
Alagoas	322	(17.2)	361	(20.4)	338	(26.6)	347	(27.4)	1.0	(11.6)	1.5	(0.47)	0.0	(2.01)
Amapá	368	(9.4)	352	(21.7)	363	(14.1)	358	(11.7)	-1.6	(7.6)	0.7	(0.21)	0.1	(0.87)
Amazonas	350	(10.2)	355	(12.5)	361	(18.0)	363	(10.2)	2.9	(6.0)	1.0	(0.24)	0.2	(0.89)
Bahia	378	(24.0)	367	(19.3)	397	(39.5)	c	c	<b>-28.1</b>	(12.9)	0.7	(0.49)	6.2	(5.82)
Ceará	380	(33.9)	372	(41.5)	392	(19.5)	374	(11.0)	-3.1	(11.4)	1.8	(0.63)	0.1	(1.22)
Espírito Santo	383	(9.9)	392	(13.9)	453	(33.4)	444	(46.9)	<b>48.5</b>	(5.1)	1.6	(0.41)	20.4	(12.33)
Federal District	<b>387</b>	(17.2)	377	(15.3)	424	(36.6)	<b>458</b>	(30.3)	<b>41.6</b>	(14.2)	1.3	(0.41)	17.6	(12.16)
Goiás	380	(15.4)	354	(20.7)	384	(23.0)	401	(19.7)	20.8	(11.3)	0.7	(0.26)	5.3	(5.82)
Maranhão	c	c	357	(36.2)	360	(27.4)	340	(13.6)	-1.5	(11.4)	1.3	(0.39)	0.0	(0.93)
Mato Grosso	360	(7.1)	366	(20.2)	360	(34.0)	395	(28.0)	12.7	(10.3)	1.0	(0.30)	2.4	(4.01)
Mato Grosso do Sul	396	(8.1)	398	(20.6)	421	(16.5)	418	(15.9)	<b>24.6</b>	(8.0)	1.0	(0.34)	5.8	(3.93)
Minas Gerais	392	(8.7)	389	(7.1)	402	(23.8)	430	(20.9)	<b>22.5</b>	(8.7)	1.1	(0.24)	4.7	(3.78)
Pará	<b>343</b>	(9.1)	340	(11.0)	342	(15.1)	c	c	<b>34.4</b>	(3.6)	1.3	(0.35)	25.8	(3.59)
Paraíba	397	(30.8)	386	(25.9)	382	(27.2)	416	(21.2)	10.6	(19.4)	1.2	(0.68)	1.7	(6.86)
Paraná	405	(35.9)	423	(57.2)	387	(20.8)	399	(11.8)	-3.7	(14.6)	1.3	(0.40)	0.1	(1.34)
Pernambuco	350	(15.7)	380	(12.6)	371	(14.6)	353	(14.9)	-4.7	(12.5)	1.3	(0.37)	0.2	(1.51)
Piauí	367	(13.6)	369	(15.6)	379	(29.3)	432	(54.5)	27.1	(18.4)	1.2	(0.42)	11.0	(14.35)
Rio de Janeiro	<b>362</b>	(10.0)	365	(8.1)	374	(18.7)	<b>449</b>	(13.4)	<b>49.7</b>	(8.6)	1.5	(0.43)	26.3	(6.92)
Rio Grande do Norte	<b>366</b>	(14.3)	361	(13.5)	372	(32.0)	<b>428</b>	(24.7)	<b>28.6</b>	(10.0)	1.1	(0.35)	9.2	(6.01)
Rio Grande do Sul	<b>396</b>	(8.3)	392	(15.5)	411	(13.1)	<b>438</b>	(10.7)	<b>23.7</b>	(7.1)	1.2	(0.35)	7.7	(4.27)
Rondônia	381	(15.2)	366	(10.4)	388	(12.8)	392	(14.6)	8.4	(10.6)	1.0	(0.47)	0.9	(1.97)
Roraima	<b>344</b>	(8.8)	349	(13.3)	360	(11.9)	<b>395</b>	(15.8)	<b>38.4</b>	(6.3)	1.2	(0.24)	16.5	(5.30)
Santa Catarina	426	(11.0)	408	(19.4)	394	(28.1)	419	(27.7)	9.6	(15.1)	<b>0.5</b>	(0.20)	1.0	(3.42)
São Paulo	<b>395</b>	(8.5)	381	(7.6)	393	(19.8)	<b>443</b>	(19.7)	<b>30.4</b>	(8.3)	1.0	(0.21)	8.5	(4.06)
Sergipe	390	(11.3)	404	(28.2)	368	(15.1)	377	(23.7)	-4.3	(13.5)	0.7	(0.27)	0.3	(2.72)
Tocantins	<b>350</b>	(11.8)	354	(11.8)	348	(10.8)	<b>410</b>	(20.2)	<b>44.1</b>	(11.0)	1.2	(0.29)	16.2	(6.92)
<b>Colombia</b>														
Bogota	389	(6.1)	390	(7.5)	384	(5.8)	407	(10.7)	8.9	(4.9)	1.0	(0.19)	1.2	(1.32)
Cali	<b>356</b>	(9.8)	387	(13.1)	376	(14.9)	<b>397</b>	(14.2)	13.7	(7.1)	1.5	(0.34)	2.7	(2.86)
Manizales	<b>392</b>	(6.2)	382	(9.4)	409	(13.3)	<b>434</b>	(10.8)	<b>21.0</b>	(6.8)	1.1	(0.26)	7.0	(4.04)
Medellin	366	(13.0)	406	(19.6)	412	(25.8)	389	(20.4)	4.6	(11.7)	1.6	(0.33)	0.2	(1.51)
<b>Russian Federation</b>														
Perm Territory region*	477	(14.1)	496	(14.3)	475	(10.1)	487	(18.3)	-0.4	(9.6)	1.0	(0.22)	0.0	(0.70)
<b>United Arab Emirates</b>														
Abu Dhabi*	<b>393</b>	(4.9)	400	(8.2)	438	(8.6)	<b>455</b>	(13.0)	<b>20.2</b>	(6.1)	<b>1.5</b>	(0.22)	4.9	(2.83)
Ajman	397	(16.0)	396	(17.3)	407	(14.2)	414	(16.2)	4.1	(21.3)	1.2	(0.41)	0.1	(1.89)
Dubai*	<b>417</b>	(2.6)	461	(3.4)	487	(3.5)	<b>490</b>	(3.1)	<b>26.4</b>	(1.1)	<b>2.3</b>	(0.13)	10.1	(0.84)
Fujairah	410	(8.6)	408	(9.4)	398	(15.6)	427	(21.4)	2.0	(15.9)	1.0	(0.26)	0.1	(1.73)
Ras Al Khaimah	<b>404</b>	(12.0)	403	(13.2)	413	(15.0)	<b>442</b>	(9.6)	<b>19.3</b>	(7.2)	1.2	(0.30)	4.2	(3.04)
Sharjah	<b>414</b>	(14.2)	435	(15.5)	441	(21.6)	<b>468</b>	(15.9)	18.6	(12.3)	1.7	(0.41)	2.6	(3.34)
Umm Al Quwain	398	(12.7)	392	(11.8)	420	(10.7)	382	(5.4)	<b>-12.6</b>	(3.3)	1.2	(0.32)	2.3	(1.20)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.4.3 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>





[Part 1/4]

## School type and performance in mathematics, reading and science, by region

Table B2.IV.18 Results based on school principals' reports

	Government or public schools <sup>1</sup>								Government-dependent private schools <sup>2</sup>								Government-independent private schools <sup>3</sup>							
	Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale	
	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
<b>OECD</b>																								
<b>Australia</b>																								
Australian capital territory	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
New South Wales	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Northern territory	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Queensland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
South Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Tasmania	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Victoria	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Western Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
<b>Belgium</b>																								
Flemish community*	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
French community	47.9	(5.3)	469	(7.3)	476	(9.7)	465	(7.3)	52.1	(5.3)	498	(8.8)	505	(9.9)	495	(8.9)	0.0	c	c	c	c	c	c	c
German-speaking community	41.2	(0.3)	482	(3.7)	488	(4.0)	485	(4.1)	58.8	(0.3)	531	(2.9)	508	(3.3)	523	(3.4)	0.0	c	c	c	c	c	c	c
<b>Canada</b>																								
Alberta	98.9	(1.1)	517	(4.6)	525	(4.1)	539	(4.6)	1.1	(1.1)	c	c	c	c	c	0.0	c	c	c	c	c	c	c	
British Columbia	89.2	(2.5)	519	(4.4)	531	(4.4)	541	(4.0)	6.3	(3.0)	c	c	c	c	c	4.5	(2.6)	c	c	c	c	c	c	c
Manitoba	94.5	(1.6)	488	(2.9)	489	(3.3)	499	(3.2)	2.1	(0.2)	c	c	c	c	c	3.4	(1.6)	c	c	c	c	c	c	c
New Brunswick	99.3	(0.9)	502	(2.5)	496	(2.6)	507	(2.5)	0.0	c	c	c	c	c	c	0.7	(0.9)	c	c	c	c	c	c	c
Newfoundland and Labrador	98.4	(1.1)	489	(3.7)	501	(3.6)	513	(3.6)	0.0	c	c	c	c	c	c	1.6	(1.1)	c	c	c	c	c	c	c
Nova Scotia	100.0	c	497	(4.1)	508	(3.1)	516	(3.0)	0.0	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c
Ontario	96.8	(1.5)	514	(4.2)	528	(4.6)	526	(4.5)	0.0	c	c	c	c	c	c	3.2	(1.5)	c	c	c	c	c	c	c
Prince Edward Island	99.4	(0.1)	479	(2.5)	489	(2.7)	490	(2.7)	0.0	c	c	c	c	c	c	0.6	(0.1)	c	c	c	c	c	c	c
Quebec	79.0	(1.1)	522	(3.8)	505	(3.9)	505	(3.7)	14.6	(2.2)	584	(8.1)	574	(11.8)	549	(8.6)	6.4	(2.2)	585	(17.7)	571	(10.0)	563	(17.0)
Saskatchewan	95.5	(1.2)	505	(3.2)	505	(3.0)	516	(3.1)	2.3	(1.7)	c	c	c	c	c	2.2	(1.1)	c	c	c	c	c	c	c
<b>Italy</b>																								
Abruzzo	98.0	(2.0)	473	(6.6)	479	(6.0)	481	(5.9)	0.0	c	c	c	c	c	c	2.0	(2.0)	c	c	c	c	c	c	c
Basilicata	99.4	(0.6)	464	(4.5)	473	(5.5)	463	(4.2)	0.0	c	c	c	c	c	c	0.6	(0.6)	c	c	c	c	c	c	c
Bolzano	96.8	(0.2)	507	(2.2)	497	(2.6)	519	(2.3)	2.5	(0.1)	536	(7.5)	537	(8.7)	559	(8.3)	0.7	(0.1)	c	c	c	c	c	c
Calabria	99.1	(0.9)	431	(5.9)	437	(7.2)	431	(5.4)	0.0	c	c	c	c	c	c	0.9	(0.9)	c	c	c	c	c	c	c
Campania	95.6	(2.9)	455	(7.7)	466	(10.0)	460	(7.2)	0.0	c	c	c	c	c	c	4.4	(2.9)	c	c	c	c	c	c	c
Emilia Romagna	97.0	(2.5)	505	(7.1)	502	(7.5)	515	(6.7)	1.7	(1.8)	c	c	c	c	c	1.2	(1.7)	c	c	c	c	c	c	c
Friuli Venezia Giulia	90.8	(2.4)	525	(5.1)	526	(5.0)	535	(5.0)	6.7	(1.9)	c	c	c	c	c	2.5	(1.5)	c	c	c	c	c	c	c
Lazio	96.5	(2.7)	481	(8.5)	486	(8.4)	487	(8.0)	0.0	c	c	c	c	c	c	3.5	(2.7)	c	c	c	c	c	c	c
Liguria	91.8	(1.6)	487	(6.6)	486	(6.5)	500	(6.6)	4.8	(2.2)	c	c	c	c	c	3.4	(0.9)	c	c	c	c	c	c	c
Lombardia	92.7	(1.7)	517	(8.7)	521	(6.3)	529	(7.6)	0.0	c	c	c	c	c	c	7.3	(1.7)	559	(16.4)	568	(16.7)	565	(9.6)	
Marche	99.9	(0.0)	499	(5.7)	498	(6.7)	509	(5.4)	0.1	(0.0)	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c
Molise	100.0	c	458	(2.5)	468	(2.8)	463	(2.5)	0.0	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c
Piemonte	90.2	(3.9)	502	(4.9)	510	(4.1)	510	(3.8)	6.6	(4.1)	c	c	c	c	c	3.1	(0.5)	c	c	c	c	c	c	c
Puglia	99.8	(0.2)	480	(6.2)	497	(6.0)	486	(4.9)	0.2	(0.2)	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c
Sardegna	98.8	(1.2)	456	(5.6)	461	(6.8)	471	(5.6)	0.0	c	c	c	c	c	c	1.2	(1.2)	c	c	c	c	c	c	c
Sicilia	100.0	c	448	(5.3)	455	(6.0)	454	(6.4)	0.0	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c
Toscana	96.3	(2.9)	494	(5.8)	486	(6.5)	501	(4.7)	0.0	c	c	c	c	c	c	3.7	(2.9)	c	c	c	c	c	c	c
Trento	79.4	(4.4)	540	(6.9)	537	(8.1)	548	(6.9)	16.8	(4.2)	484	(12.8)	466	(11.5)	493	(13.3)	3.8	(1.4)	c	c	c	c	c	c
Umbria	99.3	(0.5)	492	(7.1)	489	(7.3)	500	(6.6)	0.0	c	c	c	c	c	c	0.7	(0.5)	c	c	c	c	c	c	c
Valle d'Aosta	84.8	(0.7)	499	(2.8)	503	(3.2)	509	(3.4)	15.2	(0.7)	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c
Veneto	89.1	(3.2)	534	(8.8)	532	(7.0)	541	(7.1)	9.4	(3.0)	426	(4.8)	424	(13.0)	442	(10.6)	1.5	(1.1)	c	c	c	c	c	c
<b>Mexico</b>																								
Aguaascalientes	86.8	(4.6)	434	(4.8)	445	(5.5)	432	(4.3)	0.0	c	c	c	c	c	c	13.2	(4.6)	450	(20.2)	452	(16.6)	444	(16.7)	
Baja California	92.6	(3.0)	416	(6.5)	429	(7.9)	418	(6.4)	0.0	c	c	c	c	c	c	7.4	(3.0)	411	(14.4)	424	(4.8)	413	(14.4)	
Baja California Sur	92.9	(2.6)	415	(4.9)	425	(5.3)	419	(4.7)	0.0	c	c	c	c	c	c	7.1	(2.6)	c	c	c	c	c	c	c
Campeche	97.2	(2.1)	397	(4.0)	414	(5.4)	406	(4.8)	0.0	c	c	c	c	c	c	2.8	(2.1)	c	c	c	c	c	c	c
Chiapas	95.1	(3.7)	370	(7.5)	369	(9.0)	375	(7.9)	0.0	c	c	c	c	c	c	4.9	(3.7)	c	c	c	c	c	c	c
Chihuahua	91.6	(3.9)	429	(8.4)	444	(10.2)	428	(10.1)	0.0	c	c	c	c	c	c	8.4	(3.9)	431	(24.2)	444	(28.1)	443	(27.2)	
Coahuila	80.9	(5.3)	410	(6.9)	423	(7.4)	416	(6.7)	0.0	c	c	c	c	c	c	19.1	(5.3)	449	(21.2)	464	(17.4)	441	(14.9)	
Colima	95.2	(2.8)	422	(4.3)	435	(4.8)	423	(3.9)	0.0	c	c	c	c	c	c	4.8	(2.8)	c	c	c	c	c	c	c
Distrito Federal	81.4	(5.6)	418	(4.9)	440	(6.3)	419	(5.9)	0.0	c	c	c	c	c	c	18.6	(5.6)	469	(10.3)	476	(11.2)	458	(8.9)	
Durango	96.6	(2.3)	424	(5.7)	435	(7.3)	421	(6.1)	0.0	c	c	c	c	c	c	3.4	(2.3)	c	c	c	c	c	c	c
Guanajuato	86.4	(5.2)	405	(6.3)	406	(7.3)	397	(6.9)	0.0	c	c	c	c	c	c	13.6	(5.2)	447	(13.5)	454	(14.8)	438	(11.5)	
Guerrero	99.5	(0.5)	365	(3.7)	366	(5.3)	371	(5.5)	0.0	c	c	c	c	c	c	0.5	(0.5)	c	c	c	c	c	c	c
Hidalgo	91.9	(5.4)	402	(6.2)	408	(6.7)	406	(5.8)	4.8	(4.6)	0.0	c	c	c	c	3.3	(3.2)	c	c	c	c	c	c	c
Jalisco	91.7	(4.7)	433	(6.6)	431	(6.1)	433	(6.4)	0.0	c	c	c	c	c	c	8.3	(4.7)	c	c	c	c	c	c	c
Mexico	90.0	(2.6)	415	(5.2)	435	(5.8)	418	(5.4)	0.0	c	c	c	c	c	c	10.0	(2.6)	439	(34.5)	460	(41.1)	448	(27.5)	
Morelos	84.7	(5.7)	410	(8.5)	412	(9.9)	413	(9.5)	0.0	c	c	c	c	c	c	15.3	(5.7)	466	(31.1)	473	(28.5)	463	(26.6)	
Nayarit	95.3	(3.1)	411	(5.9)	414	(7.2)	404	(5.4)	0.0	c	c	c	c	c	c	4.7	(3.1)	c	c	c	c	c	c	c
Nuevo León	86.8	(4.8)	427	(5.6)	437	(7.7)	430	(7.2)	0.0	c	c	c	c	c	c	13.2	(4.8)	477	(20.3)	481	(18.2)	471	(17.0)	
Puebla	94.3	(2.5)	411	(5.0)	419	(7.0)	418	(6.5)	0.0	c	c	c	c	c	c	5.7	(2.5)	c	c	c	c	c	c	c
Querétaro	89.0	(3.8)	428	(6.2)	444	(9.8)	425	(7.2)	0.0	c	c	c	c	c	c	11.0	(3.8)	470	(16.6)	494	(17.8)	472	(13.6)	
Quintana Roo	93.8	(2.7)	404	(4.9)	424	(5.5)	410	(6.7)	0.0	c	c	c	c	c	c	6.2	(2.7)	c	c	c	c	c	c	c
San Luis Potosí	87.8	(6.0)	403	(5.6)	414	(5.9)	408	(4.6)	0.0	c	c	c	c	c	c	12.2	(6.0)	460	(25.4)	485	(18.7)	460	(22.4)	
Sinaloa	97.7	(2.3)	409	(4.3)	415	(5.2)	406	(4.0)	0.0	c	c	c	c	c	c	2.3	(2.3)	c	c	c	c	c	c	c
Tabasco	95.1	(3.7)	373	(3.9)	391	(4.3)	387	(4.2)	0.0	c	c	c	c	c	c	4.9	(3.7)	c	c	c	c	c	c	c
Tamaulipas	89.7	(2.9)	408	(7.7)	417	(6.2)	412	(7.1)	0.0	c	c	c	c	c	c	10.3	(2.9)	436	(26.4)	450	(22.6)	432	(24.4)	
Tlaxcala	94.3	(3.1)	408	(5.8)	414	(7.2)	408	(5.3)	0.0	c														





[Part 2/4]  
School type and performance in mathematics, reading and science, by region

Table B2.IV.18 Results based on school principals' reports

	Government or public schools <sup>1</sup>								Government-dependent private schools <sup>2</sup>								Government-independent private schools <sup>3</sup>								
	Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		Percentage of students		Performance on the mathematics scale		Performance on the reading scale		Performance on the science scale		
	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
<b>OECD</b>																									
<b>Portugal</b>																									
Alentejo	91.7	(4.4)	487	(10.9)	491	(9.6)	493	(9.0)	8.3	(4.4)	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	
<b>Spain</b>																									
Andalusia*	73.1	(0.9)	463	(4.3)	467	(5.7)	476	(5.0)	20.8	(3.6)	486	(9.6)	495	(8.4)	504	(11.4)	6.0	(3.5)	c	c	c	c	c	c	c
Aragon*	70.9	(2.5)	485	(6.4)	483	(6.7)	494	(6.2)	21.9	(4.6)	512	(10.4)	501	(14.2)	513	(8.9)	7.3	(3.7)	c	c	c	c	c	c	c
Asturias*	65.0	(2.2)	489	(5.3)	490	(5.8)	510	(5.3)	29.7	(5.0)	517	(7.3)	526	(8.5)	527	(7.3)	5.3	(3.6)	c	c	c	c	c	c	c
Balearic Islands*	65.3	(2.2)	461	(6.7)	457	(5.4)	469	(6.1)	27.0	(3.7)	499	(7.9)	505	(10.7)	506	(8.2)	7.7	(2.9)	c	c	c	c	c	c	c
Basque Country*	46.6	(0.8)	488	(3.1)	479	(4.0)	490	(3.4)	53.0	(0.9)	519	(3.9)	514	(4.0)	518	(3.6)	0.3	(0.4)	c	c	c	c	c	c	c
Cantabria*	64.7	(1.8)	489	(3.4)	479	(4.3)	499	(4.3)	35.3	(1.8)	497	(7.3)	499	(5.4)	505	(7.0)	0.0	c	c	c	c	c	c	c	c
Castile and Leon*	64.8	(1.6)	505	(5.9)	497	(7.7)	512	(5.4)	24.3	(4.7)	521	(6.9)	523	(7.6)	535	(6.3)	10.9	(4.5)	506	(8.7)	512	(13.6)	528	(11.6)	
Catalonia*	62.6	(2.9)	477	(7.2)	487	(6.8)	479	(6.1)	27.6	(3.8)	518	(9.1)	523	(6.5)	513	(6.2)	9.8	(3.5)	523	(9.3)	528	(14.7)	512	(12.9)	
Extremadura*	79.7	(1.7)	451	(5.3)	446	(5.5)	472	(5.5)	18.3	(0.8)	491	(8.4)	486	(12.4)	513	(6.0)	2.0	(2.0)	c	c	c	c	c	c	c
Galicia*	74.6	(1.9)	481	(5.3)	490	(6.0)	505	(5.6)	22.2	(3.1)	506	(9.5)	522	(9.0)	526	(10.9)	3.2	(2.3)	c	c	c	c	c	c	c
La Rioja*	66.7	(0.3)	494	(2.8)	479	(3.3)	504	(2.7)	30.1	(0.3)	518	(4.0)	505	(3.8)	517	(3.8)	3.2	(0.0)	c	c	c	c	c	c	c
Madrid*	58.5	(2.8)	484	(5.0)	497	(6.3)	503	(5.2)	16.7	(4.1)	524	(8.9)	523	(11.6)	531	(9.7)	24.8	(4.4)	535	(8.5)	538	(9.4)	542	(6.6)	
Murcia*	75.1	(1.8)	453	(4.8)	452	(6.0)	471	(5.5)	24.9	(1.8)	491	(13.1)	493	(10.2)	504	(10.2)	0.0	c	c	c	c	c	c	c	c
Navarre*	62.7	(3.4)	506	(4.4)	497	(4.5)	499	(4.6)	37.3	(3.4)	532	(5.0)	527	(5.5)	537	(4.7)	0.0	c	c	c	c	c	c	c	c
<b>United Kingdom</b>																									
England	48.2	(3.6)	485	(5.1)	492	(5.8)	508	(5.8)	43.1	(3.7)	494	(7.7)	498	(8.9)	515	(8.1)	8.7	(0.9)	570	(13.5)	578	(12.6)	593	(11.8)	
Northern Ireland	93.5	(3.0)	480	(4.5)	492	(5.0)	501	(5.0)	6.5	(3.0)	532	(16.8)	532	(18.8)	555	(23.0)	0.0	c	c	c	c	c	c	c	c
Scotland*	94.3	(0.2)	495	(2.7)	503	(3.0)	510	(3.1)	0.0	c	c	c	c	c	c	5.7	(0.2)	553	(14.2)	563	(15.7)	573	(15.5)		
Wales	98.8	(0.7)	467	(2.1)	479	(2.7)	490	(3.0)	0.0	c	c	c	c	c	c	1.2	(0.7)	c	c	c	c	c	c	c	
<b>United States</b>																									
Connecticut*	100.0	c	506	(6.2)	521	(6.5)	521	(5.7)	0.0	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c	c
Florida*	100.0	c	469	(5.8)	495	(6.0)	488	(6.4)	0.0	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c	c
Massachusetts*	100.0	c	514	(6.2)	527	(6.1)	527	(6.0)	0.0	c	c	c	c	c	c	0.0	c	c	c	c	c	c	c	c	c
<b>Partners</b>																									
<b>Argentina</b>																									
Ciudad Autónoma de Buenos Aires*	56.4	(5.5)	378	(14.5)	381	(20.5)	379	(17.9)	27.0	(5.3)	459	(8.3)	479	(7.9)	470	(10.3)	16.6	(6.5)	473	(14.2)	492	(19.4)	490	(18.2)	
<b>Brazil</b>																									
Acre	98.3	(1.7)	354	(4.5)	379	(6.7)	376	(6.1)	0.0	c	c	c	c	c	c	1.7	(1.7)	c	c	c	c	c	c	c	c
Alagoas	89.1	(4.7)	325	(5.7)	339	(8.5)	332	(9.3)	0.0	c	c	c	c	c	c	10.9	(4.7)	c	c	c	c	c	c	c	c
Amapá	94.4	(5.5)	359	(9.7)	395	(12.0)	381	(11.3)	0.0	c	c	c	c	c	c	5.6	(5.5)	c	c	c	c	c	c	c	c
Amazonas	97.4	(2.6)	350	(4.8)	376	(6.2)	370	(4.8)	0.0	c	c	c	c	c	c	2.6	(2.6)	c	c	c	c	c	c	c	c
Bahia	92.3	(6.2)	354	(10.7)	366	(11.3)	371	(9.8)	0.0	c	c	c	c	c	c	7.7	(6.2)	c	c	c	c	c	c	c	c
Ceará	86.8	(7.9)	375	(10.0)	389	(12.0)	380	(10.8)	0.0	c	c	c	c	c	c	13.2	(7.9)	c	c	c	c	c	c	c	c
Espírito Santo	87.7	(7.6)	395	(9.2)	410	(9.4)	409	(6.3)	0.0	c	c	c	c	c	c	12.3	(7.6)	c	c	c	c	c	c	c	c
Federal District	88.6	(9.1)	384	(8.5)	401	(11.0)	397	(8.0)	0.0	c	c	c	c	c	c	11.4	(9.1)	c	c	c	c	c	c	c	c
Goiás	82.9	(2.0)	362	(6.7)	379	(7.8)	378	(7.8)	0.0	c	c	c	c	c	c	17.1	(2.0)	c	c	c	c	c	c	c	c
Maranhão	90.9	(8.4)	332	(8.4)	358	(9.9)	349	(10.1)	0.0	c	c	c	c	c	c	9.1	(8.4)	c	c	c	c	c	c	c	c
Mato Grosso	93.1	(4.8)	358	(6.7)	369	(7.5)	368	(5.9)	0.0	c	c	c	c	c	c	6.9	(4.8)	c	c	c	c	c	c	c	c
Mato Grosso do Sul	79.8	(5.4)	387	(5.8)	409	(6.0)	397	(6.1)	0.5	(0.7)	c	c	c	c	c	19.8	(5.2)	c	c	c	c	c	c	c	c
Minas Gerais	91.6	(4.9)	394	(8.0)	419	(8.7)	410	(8.8)	2.9	(3.0)	c	c	c	c	c	5.6	(3.9)	c	c	c	c	c	c	c	c
Pará	84.1	(9.7)	339	(4.8)	365	(7.7)	357	(5.0)	0.0	c	c	c	c	c	c	15.9	(9.7)	c	c	c	c	c	c	c	c
Paraíba	68.7	(8.6)	362	(9.9)	375	(12.0)	380	(11.9)	0.0	c	c	c	c	c	c	31.3	(8.6)	457	(17.1)	477	(19.3)	467	(16.7)		
Paraná	91.7	(7.6)	387	(6.1)	406	(7.4)	399	(6.6)	0.0	c	c	c	c	c	c	8.3	(7.6)	c	c	c	c	c	c	c	c
Pernambuco	91.7	(5.8)	357	(8.3)	371	(7.3)	367	(8.2)	0.0	c	c	c	c	c	c	8.3	(5.8)	c	c	c	c	c	c	c	c
Piauí	93.3	(6.5)	359	(6.2)	380	(7.6)	381	(6.0)	0.0	c	c	c	c	c	c	6.7	(6.5)	c	c	c	c	c	c	c	c
Rio de Janeiro	72.2	(5.3)	362	(5.5)	381	(9.6)	373	(6.0)	0.0	c	c	c	c	c	c	27.8	(5.3)	430	(4.2)	455	(6.1)	447	(7.5)		
Rio Grande do Norte	77.7	(4.6)	351	(3.6)	368	(5.3)	362	(4.5)	0.0	c	c	c	c	c	c	22.3	(4.6)	484	(26.1)	482	(21.6)	475	(18.9)		
Rio Grande do Sul	85.0	(1.5)	399	(6.1)	423	(6.8)	413	(5.9)	4.8	(3.5)	c	c	c	c	c	10.2	(4.1)	c	c	c	c	c	c	c	
Rondônia	94.3	(5.5)	380	(5.4)	398	(6.7)	387	(6.4)	0.0	c	c	c	c	c	c	5.7	(5.5)	c	c	c	c	c	c	c	
Roraima	96.2	(3.7)	350	(5.6)	364	(7.9)	361	(6.5)	0.0	c	c	c	c	c	c	3.8	(3.7)	c	c	c	c	c	c	c	
Santa Catarina	89.6	(6.8)	405	(7.8)	411	(10.9)	410	(8.6)	0.0	c	c	c	c	c	c	10.4	(6.8)	c	c	c	c	c	c	c	
São Paulo	85.1	(2.4)	388	(3.5)	407	(4.1)	403	(4.5)	0.0	c	c	c	c	c	c	14.9	(2.4)	476	(12.5)	490	(12.3)	485	(10.3)		
Sergipe	83.6	(3.9)	370	(6.3)	384	(6.4)	380	(6.1)	3.9	(3.8)	c	c	c	c	c	12.5	(2.1)	c	c	c	c	c	c	c	
Tocantins	94.5	(0.9)	360	(7.4)	375	(7.6)	374	(6.6)	0.0	c	c	c	c	c	c	5.5	(0.9)	c	c	c	c	c	c	c	
<b>Colombia</b>																									
Bogota	83.5	(1.5)	389	(3.2)	421	(3.8)	409	(4.2)	8.3	(3.8)	c	c	c	c	c	8.3	(2.7)	c	c	c	c	c	c	c	
Calí	52.9	(4.8)	375	(7.3)	401	(7.3)	397	(8.0)	27.2	(4.6)	359	(9.1)	394	(13.1)	379	(13.1)	19.8	(5.2)	417	(16.1)	454	(16.8)	440	(17.6)	
Manizales	82.0	(4.9)	383	(3.5)	415	(4.8)	413	(3.6)	0.0	c	c	c	c	c	c	18.0	(4.9)	456	(26.0)	476	(18.1)	468	(29.5)		
Medellín	75.4	(4.1)	374	(5.4)	406	(4.4)	402	(4.4)	12.9	(3.4)	364	(8.9)	385	(12.5)	385	(6.7)	11.7	(2.4)	498	(29.7)	529	(14.4)	507	(26.1)	
<b>Russian Federation</b>																									
Perm Territory region*	100.0	c	484	(5.5)	482	(6.0)	480	(5.3)	0.0	c	c	c	c												

[Part 3/4]

**School type and performance in mathematics, reading and science, by region**Table B2.IV.18 *Results based on school principals' reports*

	Difference in performance on the mathematics scale between public and private schools (government-dependent and government-independent schools combined)		PISA index of economic, social and cultural status						Difference in performance on the mathematics scale between public and private schools after accounting for the PISA index of economic, social and cultural status of:			
			Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools	
			Dif. (Pub. - Priv.)	S.E.	Mean index	S.E.	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	w	w	w	w	w	w	w	w	w	w	w	
New South Wales	w	w	w	w	w	w	w	w	w	w	w	
Northern territory	w	w	w	w	w	w	w	w	w	w	w	
Queensland	w	w	w	w	w	w	w	w	w	w	w	
South Australia	w	w	w	w	w	w	w	w	w	w	w	
Tasmania	w	w	w	w	w	w	w	w	w	w	w	
Victoria	w	w	w	w	w	w	w	w	w	w	w	
Western Australia	w	w	w	w	w	w	w	w	w	w	w	
<b>Belgium</b>												
Flemish community*	w	w	w	w	w	w	w	w	w	w	w	
French community	<b>-29</b>	(14.4)	0.02	(0.1)	0.11	(0.1)	-0.09	(0.1)	<b>-24</b>	(10.0)	<b>-19</b>	(7.3)
German-speaking community	<b>-49</b>	(5.1)	0.22	(0.0)	0.33	(0.0)	-0.12	(0.1)	<b>-46</b>	(5.3)	<b>-33</b>	(5.0)
<b>Canada</b>												
Alberta	c	c	0.52	(0.0)	c	c	c	c	c	c	c	
British Columbia	<b>-33</b>	(13.3)	0.43	(0.0)	0.71	(0.2)	-0.27	(0.2)	<b>-24</b>	(10.5)	-17	(9.4)
Manitoba	<b>-69</b>	(17.2)	0.20	(0.0)	1.01	(0.2)	<b>-0.81</b>	(0.2)	<b>-38</b>	(12.4)	-16	(9.6)
New Brunswick	c	c	0.36	(0.0)	c	c	c	c	c	c	c	
Newfoundland and Labrador	c	c	0.26	(0.0)	c	c	c	c	c	c	c	
Nova Scotia	0	(0.0)	0.31	(0.0)	c	c	c	c	0	(0.0)	0	(0.0)
Ontario	c	c	0.42	(0.0)	c	c	c	c	c	c	c	
Prince Edward Island	c	c	0.33	(0.0)	c	c	c	c	c	c	c	
Quebec	<b>-62</b>	(8.8)	0.19	(0.0)	0.84	(0.0)	<b>-0.65</b>	(0.1)	<b>-40</b>	(8.2)	-9	(9.8)
Saskatchewan	-16	(10.4)	0.39	(0.0)	0.73	(0.1)	<b>-0.34</b>	(0.2)	-4	(10.3)	-3	(11.0)
<b>Italy</b>												
Abruzzo	c	c	0.03	(0.0)	c	c	c	c	c	c	c	
Basilicata	c	c	-0.23	(0.0)	c	c	c	c	c	c	c	
Bolzano	-11	(7.8)	-0.08	(0.0)	0.54	(0.1)	<b>-0.62</b>	(0.1)	7	(8.4)	<b>60</b>	(7.9)
Calabria	c	c	-0.21	(0.0)	c	c	c	c	c	c	c	
Campania	c	c	-0.20	(0.1)	c	c	c	c	c	c	c	
Emilia Romagna	c	c	-0.01	(0.0)	c	c	c	c	c	c	c	
Friuli Venezia Giulia	c	c	0.09	(0.0)	c	c	c	c	c	c	c	
Lazio	c	c	0.16	(0.1)	c	c	c	c	c	c	c	
Liguria	-5	(23.5)	0.01	(0.0)	0.35	(0.1)	<b>-0.35</b>	(0.1)	4	(21.3)	31	(21.5)
Lombardia	<b>-43</b>	(18.5)	-0.02	(0.1)	1.01	(0.2)	<b>-1.03</b>	(0.2)	-10	(16.0)	<b>53</b>	(16.6)
Marche	c	c	-0.06	(0.0)	c	c	c	c	c	c	c	
Molise	0	(0.0)	-0.20	(0.0)	c	c	c	c	0	(0.0)	0	(0.0)
Piemonte	c	c	-0.08	(0.0)	c	c	c	c	c	c	c	
Puglia	c	c	-0.27	(0.0)	c	c	c	c	c	c	c	
Sardegna	c	c	-0.16	(0.1)	c	c	c	c	c	c	c	
Sicilia	0	(0.0)	-0.10	(0.0)	c	c	c	c	0	(0.0)	0	(0.0)
Toscana	c	c	-0.04	(0.0)	c	c	c	c	c	c	c	
Trento	<b>52</b>	(13.9)	0.13	(0.0)	-0.35	(0.1)	<b>0.48</b>	(0.1)	<b>43</b>	(13.1)	9	(15.5)
Umbria	c	c	0.08	(0.0)	c	c	c	c	c	c	c	
Valle d'Aosta	c	c	-0.18	(0.0)	c	c	c	c	c	c	c	
Veneto	<b>94</b>	(12.8)	-0.04	(0.0)	-0.57	(0.2)	<b>0.53</b>	(0.2)	<b>80</b>	(10.1)	<b>35</b>	(14.8)
<b>Mexico</b>												
Aguascalientes	-16	(22.0)	-0.91	(0.1)	-0.17	(0.3)	<b>-0.73</b>	(0.3)	-1	(17.1)	20	(14.3)
Baja California	4	(16.7)	-0.79	(0.1)	0.04	(0.2)	<b>-0.84</b>	(0.2)	16	(15.4)	<b>43</b>	(16.0)
Baja California Sur	c	c	-0.81	(0.1)	c	c	c	c	c	c	c	
Campeche	c	c	-1.39	(0.1)	c	c	c	c	c	c	c	
Chiapas	c	c	-1.82	(0.1)	c	c	c	c	c	c	c	
Chihuahua	-3	(25.6)	-0.83	(0.1)	-0.72	(0.3)	-0.11	(0.4)	0	(18.5)	4	(10.6)
Coahuila	-39	(22.2)	-1.05	(0.1)	0.05	(0.2)	<b>-1.10</b>	(0.2)	-17	(18.2)	17	(17.3)
Colima	c	c	-0.90	(0.0)	c	c	c	c	c	c	c	
Distrito Federal	<b>-51</b>	(12.0)	-0.91	(0.1)	0.75	(0.2)	<b>-1.67</b>	(0.2)	-27	(14.6)	<b>58</b>	(29.6)
Durango	c	c	-1.05	(0.1)	c	c	c	c	c	c	c	
Guanajuato	<b>-42</b>	(16.1)	-1.58	(0.1)	0.21	(0.3)	<b>-1.79</b>	(0.3)	-3	(15.5)	<b>44</b>	(19.7)
Guerrero	c	c	-1.70	(0.1)	c	c	c	c	c	c	c	
Hidalgo	c	c	-1.63	(0.1)	c	c	c	c	c	c	c	
Jalisco	c	c	-1.24	(0.1)	c	c	c	c	c	c	c	
Mexico	-24	(34.8)	-1.20	(0.1)	0.15	(0.3)	<b>-1.35</b>	(0.3)	-9	(28.2)	35	(20.8)
Morelos	-56	(33.4)	-1.23	(0.1)	0.34	(0.3)	<b>-1.57</b>	(0.3)	-20	(26.8)	31	(22.8)
Nayarit	c	c	-1.10	(0.1)	c	c	c	c	c	c	c	
Nuevo León	<b>-50</b>	(20.9)	-0.67	(0.1)	0.62	(0.3)	<b>-1.29</b>	(0.3)	-29	(18.0)	14	(12.1)
Puebla	c	c	-1.72	(0.1)	c	c	c	c	c	c	c	
Querétaro	<b>-42</b>	(18.3)	-1.18	(0.2)	0.55	(0.2)	<b>-1.72</b>	(0.3)	-14	(19.9)	14	(21.8)
Quintana Roo	c	c	-1.13	(0.1)	c	c	c	c	c	c	c	
San Luis Potosí	<b>-58</b>	(24.9)	-1.57	(0.1)	0.08	(0.5)	<b>-1.64</b>	(0.6)	-21	(15.4)	13	(12.0)
Sinaloa	c	c	-1.00	(0.1)	c	c	c	c	c	c	c	
Tabasco	c	c	-1.31	(0.1)	c	c	c	c	c	c	c	
Tamaulipas	-28	(27.7)	-1.00	(0.1)	0.06	(0.4)	<b>-1.06</b>	(0.4)	-10	(22.2)	24	(16.2)
Tlaxcala	-21	(12.5)	-1.33	(0.1)	0.07	(0.4)	<b>-1.41</b>	(0.4)	1	(9.6)	<b>48</b>	(14.2)
Veracruz	-27	(18.5)	-1.73	(0.1)	0.11	(0.3)	<b>-1.84</b>	(0.3)	0	(15.4)	17	(16.8)
Yucatán	<b>-44</b>	(9.6)	-1.39	(0.1)	0.36	(0.2)	<b>-1.74</b>	(0.3)	-13	(8.1)	13	(14.1)
Zacatecas	c	c	-1.24	(0.1)	c	c	c	c	c	c	c	

\* PISA adjudicated region.


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.4.7 for national data.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

StatLink  <http://dx.doi.org/10.1787/888932957536>



[Part 4/4]  
**School type and performance in mathematics, reading and science, by region**

Table B2.IV.18 *Results based on school principals' reports*

	Difference in performance on the mathematics scale between public and private schools (government-dependent and government-independent schools combined)		PISA index of economic, social and cultural status						Difference in performance on the mathematics scale between public and private schools after accounting for the PISA index of economic, social and cultural status of:				
			Public schools		Private schools (government-dependent and government-independent)		Difference		Students		Students and schools		
			Dif. (Pub. - Priv.)	S.E.	Mean index	S.E.	Mean index	S.E.	Dif. (Pub. - Priv.)	S.E.	Dif. (Pub. - Priv.)	S.E.	
<b>OECD</b>													
<b>Portugal</b>													
Alentejo	c	c	-0.34	(0.1)	c	c	c	c	c	c	c	c	c
<b>Spain</b>													
Andalusia*	<b>-28</b>	(9.9)	-0.52	(0.1)	0.00	(0.2)	<b>-0.52</b>	(0.2)	-12	(8.2)	-8	(10.0)	
Aragon*	<b>-30</b>	(12.0)	-0.28	(0.1)	0.34	(0.2)	<b>-0.63</b>	(0.2)	-9	(8.3)	8	(8.5)	
Asturias*	<b>-32</b>	(9.0)	-0.24	(0.1)	0.38	(0.1)	<b>-0.62</b>	(0.1)	-11	(6.8)	7	(7.0)	
Balearic Islands*	<b>-38</b>	(9.4)	-0.35	(0.1)	0.21	(0.1)	<b>-0.57</b>	(0.1)	<b>-21</b>	(8.3)	-13	(9.4)	
Basque Country*	<b>-31</b>	(4.9)	-0.17	(0.0)	0.21	(0.0)	<b>-0.38</b>	(0.1)	<b>-19</b>	(4.3)	-9	(4.5)	
Cantabria*	-8	(8.0)	-0.23	(0.0)	0.22	(0.1)	<b>-0.45</b>	(0.1)	7	(7.4)	17	(9.0)	
Castile and Leon*	-12	(8.2)	-0.28	(0.1)	0.20	(0.1)	<b>-0.47</b>	(0.1)	2	(7.5)	14	(8.8)	
Catalonia*	<b>-42</b>	(9.8)	-0.33	(0.1)	0.18	(0.1)	<b>-0.51</b>	(0.2)	<b>-27</b>	(7.6)	-16	(8.9)	
Extremadura*	<b>-44</b>	(9.9)	-0.64	(0.0)	0.10	(0.2)	<b>-0.74</b>	(0.2)	<b>-20</b>	(7.2)	-8	(9.3)	
Galicia*	<b>-27</b>	(9.9)	-0.34	(0.1)	0.18	(0.1)	<b>-0.52</b>	(0.1)	-14	(8.4)	-4	(8.1)	
La Rioja*	<b>-25</b>	(5.4)	-0.34	(0.0)	0.12	(0.0)	<b>-0.46</b>	(0.0)	-7	(5.6)	<b>12</b>	(5.7)	
Madrid*	<b>-46</b>	(7.6)	-0.17	(0.1)	0.52	(0.1)	<b>-0.69</b>	(0.1)	<b>-24</b>	(6.9)	<b>-19</b>	(8.2)	
Murcia*	<b>-38</b>	(14.0)	-0.60	(0.1)	-0.19	(0.1)	<b>-0.41</b>	(0.1)	-24	(12.7)	-18	(11.5)	
Navarre*	<b>-26</b>	(6.8)	-0.35	(0.0)	0.26	(0.1)	<b>-0.61</b>	(0.1)	-7	(6.1)	2	(6.7)	
<b>United Kingdom</b>													
England	<b>-21</b>	(8.9)	0.20	(0.0)	0.39	(0.0)	<b>-0.19</b>	(0.0)	-12	(6.6)	-1	(5.8)	
Northern Ireland	<b>-52</b>	(18.4)	0.25	(0.0)	0.73	(0.1)	<b>-0.49</b>	(0.1)	-30	(15.3)	15	(16.5)	
Scotland*	<b>-59</b>	(14.5)	0.08	(0.0)	0.94	(0.0)	<b>-0.86</b>	(0.0)	<b>-27</b>	(13.3)	15	(13.2)	
Wales	c	c	0.18	(0.0)	c	c	c	c	c	c	c	c	c
<b>United States</b>													
Connecticut*	0	(0.0)	0.49	(0.1)	c	c	c	c	0	(0.0)	0	(0.0)	
Florida*	0	(0.0)	0.22	(0.1)	c	c	c	c	0	(0.0)	0	(0.0)	
Massachusetts*	0	(0.0)	0.44	(0.1)	c	c	c	c	0	(0.0)	0	(0.0)	
<b>Partners</b>													
<b>Argentina</b>													
Ciudad Autónoma de Buenos Aires*	<b>-86</b>	(15.8)	-0.77	(0.2)	0.39	(0.1)	<b>-1.17</b>	(0.2)	<b>-45</b>	(13.5)	-3	(18.3)	
<b>Brazil</b>													
Acre	c	c	-1.46	(0.1)	c	c	c	c	c	c	c	c	c
Alagoas	c	c	-2.02	(0.1)	c	c	c	c	c	c	c	c	c
Amapá	c	c	-0.93	(0.1)	c	c	c	c	c	c	c	c	c
Amazonas	c	c	-1.14	(0.1)	c	c	c	c	c	c	c	c	c
Bahia	c	c	-1.88	(0.1)	c	c	c	c	c	c	c	c	c
Ceará	c	c	-1.77	(0.1)	c	c	c	c	c	c	c	c	c
Espírito Santo	c	c	-1.51	(0.1)	c	c	c	c	c	c	c	c	c
Federal District	c	c	-1.11	(0.1)	c	c	c	c	c	c	c	c	c
Goiás	c	c	-1.51	(0.1)	c	c	c	c	c	c	c	c	c
Maranhão	c	c	-1.58	(0.1)	c	c	c	c	c	c	c	c	c
Mato Grosso	c	c	-1.51	(0.0)	c	c	c	c	c	c	c	c	c
Mato Grosso do Sul	<b>-96</b>	(11.0)	-1.32	(0.1)	0.27	(0.1)	<b>-1.59</b>	(0.1)	<b>-70</b>	(11.6)	-25	(22.8)	
Minas Gerais	c	c	-1.51	(0.1)	c	c	c	c	c	c	c	c	c
Pará	c	c	-1.49	(0.1)	c	c	c	c	c	c	c	c	c
Paraíba	<b>-95</b>	(19.6)	-1.79	(0.1)	-0.04	(0.2)	<b>-1.75</b>	(0.3)	<b>-62</b>	(12.6)	-1	(23.3)	
Paraná	c	c	-1.31	(0.1)	c	c	c	c	c	c	c	c	c
Pernambuco	c	c	-1.75	(0.1)	c	c	c	c	c	c	c	c	c
Piauí	c	c	-1.70	(0.1)	c	c	c	c	c	c	c	c	c
Rio de Janeiro	<b>-67</b>	(7.0)	-1.20	(0.0)	-0.65	(0.2)	<b>-0.54</b>	(0.2)	<b>-62</b>	(6.9)	<b>-42</b>	(8.4)	
Rio Grande do Norte	<b>-133</b>	(26.3)	-1.72	(0.1)	0.10	(0.2)	<b>-1.82</b>	(0.2)	<b>-110</b>	(25.3)	-43	(36.7)	
Rio Grande do Sul	c	c	-1.39	(0.1)	c	c	c	c	c	c	c	c	c
Rondônia	c	c	-1.48	(0.1)	c	c	c	c	c	c	c	c	c
Roraima	c	c	-1.21	(0.1)	c	c	c	c	c	c	c	c	c
Santa Catarina	c	c	-1.40	(0.1)	c	c	c	c	c	c	c	c	c
São Paulo	<b>-88</b>	(13.1)	-1.19	(0.0)	0.25	(0.1)	<b>-1.44</b>	(0.1)	<b>-68</b>	(14.1)	-18	(19.0)	
Sergipe	c	c	-1.55	(0.1)	c	c	c	c	c	c	c	c	c
Tocantins	c	c	-1.39	(0.1)	c	c	c	c	c	c	c	c	c
<b>Colombia</b>													
Bogota	-9	(6.8)	-1.12	(0.0)	-1.10	(0.1)	-0.02	(0.1)	-7	(5.4)	-7	(4.5)	
Cali	-9	(13.4)	-0.98	(0.1)	-0.66	(0.1)	<b>-0.32</b>	(0.2)	1	(10.6)	9	(9.4)	
Manizales	<b>-73</b>	(26.2)	-1.09	(0.1)	0.16	(0.1)	<b>-1.25</b>	(0.1)	<b>-49</b>	(24.1)	-26	(22.8)	
Medellin	<b>-54</b>	(19.3)	-1.17	(0.1)	-0.62	(0.2)	<b>-0.54</b>	(0.2)	<b>-38</b>	(13.1)	<b>-21</b>	(10.1)	
<b>Russian Federation</b>													
Perm Territory region*	0	(0.0)	-0.12	(0.0)	c	c	c	c	0	(0.0)	0	(0.0)	
<b>United Arab Emirates</b>													
Abu Dhabi*	<b>-53</b>	(9.3)	0.10	(0.0)	0.53	(0.1)	<b>-0.43</b>	(0.1)	<b>-44</b>	(8.7)	<b>-23</b>	(8.6)	
Ajman	7	(17.4)	-0.08	(0.1)	-0.26	(0.1)	0.18	(0.1)	3	(16.5)	-4	(16.7)	
Dubai*	<b>-87</b>	(3.5)	0.06	(0.0)	0.64	(0.0)	<b>-0.58</b>	(0.0)	<b>-69</b>	(3.6)	<b>-34</b>	(4.7)	
Fujairah	-10	(45.6)	-0.11	(0.0)	0.29	(0.1)	<b>-0.41</b>	(0.1)	-6	(44.5)	9	(42.5)	
Ras Al Khaimah	<b>-45</b>	(11.0)	0.00	(0.1)	0.29	(0.2)	-0.29	(0.2)	<b>-39</b>	(11.7)	<b>-30</b>	(14.9)	
Sharjah	<b>-53</b>	(16.3)	0.06	(0.1)	0.60	(0.1)	<b>-0.54</b>	(0.1)	<b>-44</b>	(16.0)	<b>-46</b>	(21.6)	
Umm Al Quwain	c	c	-0.12	(0.1)	c	c	c	c	c	c	c	c	c

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.4.7 for national data.

1. Schools which are directly controlled or managed by: *i*) a public education authority or agency or *ii*) a government agency directly or a governing body, most of whose members are either appointed by a public authority or elected by public franchise.

2. Schools which receive 50% or more of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

3. Schools which receive less than 50% of their core funding (i.e. funding that supports the basic educational services of the institution) from government agencies.

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[Part 1/1]


## Use of achievement data for accountability purposes, by region

Table B2.IV.21 Results based on school principals' reports

	Percentage of students in schools that use achievement data in the following ways:					Percentage of students in schools that use achievement data in the following ways:			
	Posted publicly		Tracked over time by an administrative authority			Posted publicly		Tracked over time by an administrative authority	
	%	S.E.	%	S.E.		%	S.E.	%	S.E.
<b>OECD</b>					<b>OECD</b>				
<b>Australia</b>					<b>Portugal</b>				
Australian capital territory	74.1	(0.9)	87.4	(0.7)	Alentejo	39.1	(10.4)	82.2	(7.6)
New South Wales	65.6	(4.0)	90.1	(2.2)	<b>Spain</b>				
Northern territory	68.0	(2.9)	83.3	(2.2)	Andalusia*	20.3	(5.4)	80.5	(6.2)
Queensland	73.5	(3.8)	95.1	(1.3)	Aragon*	6.5	(3.8)	80.7	(4.1)
South Australia	49.9	(5.0)	77.9	(4.2)	Asturias*	7.5	(2.7)	77.0	(6.5)
Tasmania	50.4	(1.6)	87.0	(1.5)	Balearic Islands*	6.3	(3.6)	73.0	(6.1)
Victoria	74.7	(3.6)	94.0	(2.2)	Basque Country*	13.9	(2.9)	87.4	(2.4)
Western Australia	72.9	(5.2)	95.8	(2.2)	Cantabria*	20.2	(4.4)	87.7	(4.3)
<b>Belgium</b>					Castile and Leon*	12.3	(4.2)	83.6	(4.9)
Flemish community*	1.7	(0.9)	63.7	(3.5)	Catalonia*	10.9	(4.5)	94.5	(3.2)
French community	5.1	(2.4)	34.7	(4.9)	Extremadura*	17.0	(4.9)	66.8	(8.1)
German-speaking community	0.0	c	8.8	(0.3)	Galicia*	7.4	(3.8)	59.7	(6.6)
<b>Canada</b>					La Rioja*	16.2	(0.4)	63.2	(0.5)
Alberta	70.8	(5.0)	97.6	(1.1)	Madrid*	18.2	(5.3)	94.4	(3.4)
British Columbia	59.5	(6.4)	95.0	(3.1)	Murcia*	13.3	(5.3)	65.2	(6.0)
Manitoba	10.4	(1.6)	74.1	(3.1)	Navarre*	24.9	(3.5)	79.0	(4.6)
New Brunswick	61.7	(1.6)	96.1	(0.3)	<b>United Kingdom</b>				
Newfoundland and Labrador	52.5	(4.7)	96.5	(0.3)	England	88.3	(2.6)	89.5	(2.4)
Nova Scotia	50.2	(8.4)	90.2	(3.1)	Northern Ireland	79.7	(4.7)	93.9	(2.7)
Ontario	73.8	(4.9)	95.3	(1.2)	Scotland*	82.9	(4.1)	87.8	(3.1)
Prince Edward Island	10.4	(0.3)	39.3	(0.5)	Wales	77.3	(3.7)	98.3	(0.5)
Quebec	52.3	(4.2)	88.8	(2.5)	<b>United States</b>				
Saskatchewan	21.6	(2.9)	91.8	(1.6)	Connecticut*	98.2	(1.8)	98.2	(1.8)
<b>Italy</b>					Florida*	94.7	(3.1)	100.0	c
Abruzzo	30.6	(5.1)	25.6	(7.1)	Massachusetts*	94.7	(3.1)	98.1	(1.9)
Basilicata	23.8	(4.7)	24.0	(4.5)	<b>Partners</b>				
Bolzano	14.1	(0.5)	49.5	(0.9)	<b>Argentina</b>				
Calabria	28.6	(5.6)	14.7	(4.4)	Ciudad Autónoma de Buenos Aires*	15.8	(6.2)	66.2	(7.1)
Campania	28.8	(5.7)	36.5	(8.0)	<b>Brazil</b>				
Emilia Romagna	40.8	(8.1)	29.5	(7.7)	Acre	35.7	(8.6)	86.4	(7.5)
Friuli Venezia Giulia	47.1	(4.2)	27.5	(5.9)	Alagoas	27.5	(10.8)	91.0	(8.1)
Lazio	36.5	(7.3)	37.5	(7.4)	Amapá	32.1	(9.1)	84.1	(3.5)
Liguria	38.7	(6.2)	16.9	(6.4)	Amazonas	48.4	(11.4)	98.2	(1.8)
Lombardia	53.2	(5.7)	34.2	(7.6)	Bahia	46.7	(18.5)	72.7	(14.2)
Marche	31.2	(7.5)	23.0	(7.2)	Ceará	47.1	(12.4)	98.3	(1.3)
Molise	2.6	(0.2)	22.0	(0.8)	Espírito Santo	41.6	(9.1)	100.0	c
Piemonte	61.8	(5.8)	26.5	(5.1)	Federal District	37.7	(11.9)	91.4	(6.0)
Puglia	36.8	(7.6)	21.9	(6.5)	Goiás	36.1	(10.8)	89.1	(7.2)
Sardegna	45.9	(7.7)	27.0	(7.5)	Maranhão	29.7	(12.3)	91.1	(5.6)
Sicilia	32.9	(6.5)	32.6	(7.0)	Mato Grosso	23.9	(7.2)	92.4	(5.8)
Toscana	38.5	(8.0)	30.2	(7.1)	Mato Grosso do Sul	29.1	(9.0)	93.7	(6.2)
Trento	45.5	(4.3)	29.2	(3.6)	Minas Gerais	39.2	(10.6)	100.0	c
Umbria	34.5	(5.0)	32.1	(6.4)	Pará	21.6	(13.2)	74.3	(11.9)
Valle d'Aosta	35.6	(1.0)	43.7	(1.0)	Paraíba	37.0	(13.8)	93.9	(2.0)
Veneto	47.0	(7.3)	26.1	(7.2)	Paraná	19.3	(7.4)	87.5	(5.1)
<b>Mexico</b>					Pernambuco	28.4	(8.8)	94.4	(5.5)
Aguascalientes	38.5	(7.7)	93.0	(2.4)	Piauí	40.5	(9.8)	91.5	(6.1)
Baja California	57.1	(8.9)	99.8	(0.2)	Rio de Janeiro	58.4	(11.0)	96.6	(3.8)
Baja California Sur	41.2	(6.4)	95.1	(1.7)	Rio Grande do Norte	17.5	(7.9)	82.8	(8.8)
Campeche	44.6	(9.7)	95.5	(2.2)	Rio Grande do Sul	13.3	(7.2)	84.9	(7.0)
Chiapas	39.6	(8.8)	94.0	(3.0)	Rondônia	33.5	(6.9)	81.9	(9.0)
Chihuahua	41.4	(9.5)	96.0	(2.3)	Roraima	16.7	(8.1)	97.5	(2.4)
Coahuila	29.7	(7.9)	98.9	(1.2)	Santa Catarina	17.8	(8.1)	70.4	(10.1)
Colima	29.3	(6.0)	85.9	(3.0)	São Paulo	58.2	(6.4)	97.9	(1.4)
Distrito Federal	59.1	(9.2)	94.3	(4.7)	Sergipe	46.0	(11.1)	93.3	(5.1)
Durango	35.9	(7.0)	85.2	(10.2)	Tocantins	33.8	(9.9)	96.0	(4.0)
Guanajuato	33.3	(7.4)	96.9	(1.9)	<b>Colombia</b>				
Guerrero	49.5	(8.6)	86.8	(6.9)	Bogota	53.8	(7.5)	83.0	(4.2)
Hidalgo	46.2	(8.7)	95.3	(3.2)	Cali	44.9	(8.9)	89.1	(4.4)
Jalisco	30.3	(9.2)	91.1	(3.7)	Manizales	49.2	(9.5)	82.8	(6.8)
Mexico	51.6	(7.9)	99.8	(0.2)	Medellin	52.4	(7.8)	87.2	(4.3)
Morelos	47.6	(6.8)	96.0	(3.1)	<b>Russian Federation</b>				
Nayarit	29.7	(5.9)	87.1	(4.0)	Perm Territory region*	86.9	(4.7)	100.0	c
Nuevo León	39.4	(9.8)	88.6	(4.7)	<b>United Arab Emirates</b>				
Puebla	37.2	(8.2)	90.0	(4.6)	Abu Dhabi*	45.3	(4.4)	91.2	(2.8)
Querétaro	28.9	(8.0)	93.8	(5.6)	Ajman	54.6	(6.6)	94.0	(6.0)
Quintana Roo	43.4	(9.9)	96.0	(1.7)	Dubai*	45.9	(0.3)	94.4	(0.1)
San Luis Potosí	37.8	(6.7)	91.1	(3.3)	Fujairah	39.4	(7.9)	94.3	(5.3)
Sinaloa	37.0	(7.7)	97.0	(1.9)	Ras Al Khaimah	47.2	(9.5)	96.7	(3.4)
Tabasco	31.2	(7.1)	91.9	(3.6)	Sharjah	50.1	(10.6)	84.6	(7.7)
Tamaulipas	38.7	(9.7)	89.0	(9.1)	Umm Al Quwain	48.4	(0.4)	99.3	(0.2)
Tlaxcala	40.6	(7.7)	98.0	(1.8)					
Veracruz	44.0	(8.5)	79.3	(5.8)					
Yucatán	47.6	(7.2)	89.9	(4.4)					
Zacatecas	37.9	(7.1)	96.2	(1.9)					

\* PISA adjudicated region.

Note: See Table IV.4.31 for national data.

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[Part 1/2]

**Quality assurance and school improvement, by region**

Table B2.IV.22 Results based on school principals' reports

		Percentage of students in schools whose principal reported that their schools have the following measures aimed at quality assurance and improvement:																	
		Written specification of the school's curriculum and educational goals		Written specification of student-performance standards		Systematic recording of data, including teacher and student attendance and graduation rates, test results and professional development of teachers		Internal evaluation/self-evaluation		External evaluation		Seeking written feedback from students (e.g. regarding lessons, teachers or resources)		Teacher mentoring		Regular consultation with one or more experts over a period of at least six months with the aim of improving the school		Implementation of a standardised policy for mathematics (i.e. school curriculum with shared instructional materials accompanied by staff development and training)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	<b>Australia</b>																		
	Australian capital territory	99.8	(0.1)	95.9	(0.3)	100.0	c	94.7	(0.5)	94.7	(0.4)	73.9	(1.0)	97.9	(0.3)	59.8	(1.1)	89.9	(0.7)
	New South Wales	98.2	(0.9)	90.7	(2.2)	99.0	(0.7)	95.8	(1.6)	68.4	(3.7)	68.8	(3.4)	93.3	(1.8)	69.0	(3.6)	71.1	(3.8)
	Northern territory	98.5	(1.3)	98.6	(0.5)	96.7	(0.7)	79.4	(6.0)	70.5	(5.5)	40.1	(9.8)	94.0	(0.7)	75.2	(9.6)	61.6	(3.4)
	Queensland	96.5	(1.6)	93.8	(2.2)	98.0	(1.1)	91.9	(2.3)	67.1	(3.8)	61.0	(4.3)	91.4	(2.5)	73.9	(4.1)	86.7	(3.1)
	South Australia	93.9	(2.7)	89.1	(3.2)	91.3	(3.2)	97.8	(1.4)	65.8	(4.9)	72.2	(5.0)	83.5	(4.3)	70.0	(5.3)	75.2	(4.6)
	Tasmania	97.4	(0.7)	86.9	(2.0)	96.5	(0.2)	92.9	(0.6)	46.9	(1.7)	53.3	(2.3)	96.4	(0.7)	64.5	(1.4)	90.9	(1.7)
	Victoria	96.9	(1.6)	88.8	(2.5)	98.5	(1.0)	94.9	(2.0)	73.3	(3.8)	83.4	(3.4)	95.1	(1.6)	79.1	(3.6)	74.6	(3.6)
	Western Australia	91.0	(3.4)	83.2	(4.4)	99.5	(0.6)	93.9	(2.7)	75.2	(4.7)	55.6	(4.4)	89.7	(2.8)	66.8	(5.6)	75.9	(4.8)
	<b>Belgium</b>																		
	Flemish community*	84.2	(2.9)	53.6	(4.2)	93.6	(1.8)	90.3	(2.1)	63.7	(3.8)	52.3	(4.3)	95.1	(1.7)	52.1	(4.0)	40.6	(3.7)
	French community	79.9	(3.9)	41.8	(5.2)	54.1	(4.9)	64.3	(5.4)	76.7	(4.3)	13.0	(3.5)	37.7	(5.7)	23.0	(5.0)	43.4	(5.2)
	German-speaking community	83.1	(0.2)	22.2	(0.3)	66.9	(0.3)	72.9	(0.4)	85.1	(0.3)	23.5	(0.2)	100.0	c	66.0	(0.4)	77.0	(0.3)
	<b>Canada</b>																		
Alberta	94.9	(2.3)	91.9	(2.8)	91.9	(2.8)	90.9	(2.8)	77.7	(4.7)	65.0	(4.7)	89.9	(2.9)	78.3	(4.7)	90.7	(3.1)	
British Columbia	94.0	(1.2)	89.9	(4.0)	87.0	(4.4)	71.5	(5.6)	48.9	(5.5)	49.2	(4.9)	81.3	(5.0)	48.6	(6.0)	69.2	(6.1)	
Manitoba	87.7	(2.7)	65.0	(3.3)	84.4	(2.8)	92.4	(2.0)	62.4	(2.9)	66.7	(3.3)	90.1	(1.7)	48.9	(3.2)	80.2	(2.7)	
New Brunswick	93.8	(0.3)	89.6	(0.5)	82.4	(1.4)	79.0	(1.4)	89.7	(1.1)	51.3	(2.2)	79.5	(1.2)	66.9	(1.9)	94.5	(0.3)	
Newfoundland and Labrador	94.6	(1.6)	84.7	(3.3)	94.6	(5.5)	98.4	(0.4)	94.4	(1.4)	50.6	(3.0)	87.8	(3.2)	66.7	(3.8)	90.8	(3.2)	
Nova Scotia	92.2	(3.6)	77.0	(4.9)	90.2	(3.2)	97.8	(0.4)	81.8	(4.4)	44.8	(7.2)	90.2	(1.5)	90.0	(3.2)	85.7	(3.8)	
Ontario	97.1	(1.9)	90.5	(3.2)	94.8	(2.3)	89.2	(3.3)	74.9	(4.2)	38.8	(5.2)	93.8	(2.3)	90.3	(2.8)	85.9	(3.6)	
Prince Edward Island	67.9	(0.5)	73.6	(0.4)	60.4	(0.4)	85.4	(0.3)	68.9	(0.4)	52.5	(0.4)	96.3	(0.2)	80.7	(0.3)	71.0	(0.4)	
Quebec	92.5	(2.3)	78.3	(3.9)	84.0	(3.2)	61.5	(4.3)	33.7	(3.5)	23.9	(3.6)	72.4	(4.0)	38.4	(3.6)	68.0	(3.8)	
Saskatchewan	98.4	(0.2)	61.6	(3.7)	85.6	(2.8)	80.7	(3.1)	50.0	(3.6)	51.8	(3.6)	81.9	(4.0)	70.5	(2.8)	81.2	(3.4)	
<b>Italy</b>																			
Abruzzo	97.4	(2.6)	84.1	(2.8)	38.4	(7.1)	74.7	(5.4)	25.0	(6.0)	47.1	(4.7)	76.8	(3.3)	18.1	(5.3)	46.9	(6.3)	
Basilicata	94.0	(3.2)	93.5	(2.2)	43.8	(4.0)	64.4	(5.1)	15.9	(2.5)	29.4	(3.2)	75.0	(5.2)	16.7	(5.6)	36.9	(5.3)	
Bolzano	86.0	(0.5)	50.5	(0.8)	73.1	(1.0)	95.6	(0.2)	54.5	(0.8)	70.2	(0.6)	97.1	(0.2)	40.5	(0.7)	61.2	(0.8)	
Calabria	97.7	(2.3)	87.4	(5.2)	77.1	(5.9)	87.5	(5.0)	27.2	(6.5)	43.1	(7.7)	84.1	(5.9)	26.6	(6.9)	54.1	(7.4)	
Campania	100.0	c	97.2	(2.2)	42.0	(7.0)	71.7	(8.8)	29.8	(7.1)	34.3	(6.8)	84.2	(5.0)	12.0	(4.2)	59.4	(7.3)	
Emilia Romagna	100.0	c	75.6	(7.6)	48.8	(7.9)	64.7	(8.4)	18.8	(5.8)	37.1	(7.8)	89.2	(4.6)	21.5	(5.7)	54.7	(8.1)	
Friuli Venezia Giulia	98.0	(1.9)	77.7	(5.4)	29.2	(5.4)	59.0	(5.6)	23.2	(4.0)	45.9	(5.7)	83.7	(2.2)	22.7	(6.5)	42.3	(5.4)	
Lazio	96.0	(2.9)	92.6	(3.7)	58.1	(8.4)	74.1	(7.0)	33.8	(7.5)	37.5	(7.2)	69.6	(5.0)	22.6	(6.7)	57.5	(8.7)	
Liguria	96.8	(2.7)	79.9	(5.9)	30.4	(7.9)	66.5	(6.8)	24.8	(7.3)	33.6	(6.8)	75.4	(6.5)	24.8	(6.6)	42.5	(6.3)	
Lombardia	100.0	c	79.5	(7.6)	50.0	(7.9)	83.6	(5.1)	61.0	(7.4)	49.9	(7.6)	81.2	(6.0)	26.5	(6.9)	76.6	(6.7)	
Marche	99.7	(0.3)	78.9	(6.8)	53.5	(7.6)	81.0	(6.4)	36.5	(7.6)	48.7	(6.8)	72.1	(6.9)	33.3	(6.8)	68.3	(5.9)	
Molise	98.0	(0.2)	81.1	(0.7)	74.5	(0.8)	61.2	(0.9)	10.0	(0.6)	29.8	(1.1)	87.3	(0.6)	21.1	(0.6)	39.7	(0.9)	
Piemonte	96.2	(2.7)	92.0	(3.9)	49.9	(6.8)	80.8	(5.5)	25.5	(7.1)	51.9	(8.3)	72.4	(6.9)	23.2	(5.8)	47.0	(6.9)	
Puglia	98.0	(2.0)	86.2	(4.4)	63.2	(6.9)	81.0	(5.7)	35.1	(7.3)	47.9	(6.6)	74.7	(7.7)	10.4	(4.6)	47.2	(8.2)	
Sardegna	99.6	(0.4)	83.5	(6.0)	57.4	(8.0)	60.0	(8.7)	25.6	(6.3)	27.5	(7.3)	66.9	(7.5)	9.6	(3.7)	40.3	(7.2)	
Sicilia	100.0	c	89.0	(4.7)	62.3	(6.6)	84.5	(5.1)	25.4	(6.8)	33.7	(6.3)	74.0	(7.5)	34.5	(7.0)	54.6	(7.8)	
Toscana	96.3	(2.8)	75.2	(6.9)	46.8	(7.4)	62.3	(7.4)	31.8	(7.9)	33.7	(6.9)	69.0	(7.4)	23.3	(5.7)	47.2	(8.8)	
Trento	95.9	(1.4)	55.0	(4.6)	48.2	(4.3)	86.2	(3.7)	29.6	(5.4)	44.1	(3.8)	81.3	(2.6)	28.3	(3.8)	70.8	(4.7)	
Umbria	91.7	(4.3)	81.9	(4.4)	51.0	(6.3)	66.7	(6.4)	26.5	(5.6)	28.0	(4.9)	70.1	(5.3)	20.9	(3.9)	50.5	(5.1)	
Valle d'Aosta	97.7	(0.3)	82.3	(0.8)	41.0	(1.0)	80.2	(0.9)	30.2	(1.0)	33.3	(1.0)	65.9	(0.9)	29.0	(0.8)	34.6	(1.0)	
Veneto	99.5	(0.5)	76.7	(6.6)	52.9	(6.8)	75.8	(6.1)	32.9	(6.8)	30.2	(7.3)	76.1	(6.9)	30.9	(5.7)	54.2	(7.4)	
<b>Mexico</b>																			
Agascalientes	94.4	(3.8)	83.1	(5.8)	99.0	(0.9)	95.0	(0.3)	78.4	(5.2)	80.2	(6.2)	44.3	(6.8)	47.9	(6.9)	61.4	(7.3)	
Baja California	96.5	(3.3)	78.2	(7.0)	84.7	(7.9)	92.8	(4.8)	92.0	(4.4)	66.8	(6.5)	58.4	(11.9)	56.1	(6.4)	86.4	(7.4)	
Baja California Sur	96.3	(2.7)	80.5	(4.7)	99.3	(0.7)	90.0	(5.6)	74.6	(4.9)	82.3	(7.7)	50.0	(6.4)	56.7	(7.2)	78.4	(6.3)	
Campeche	86.0	(6.0)	80.4	(5.2)	100.0	c	96.6	(2.4)	71.1	(5.5)	85.2	(5.9)	43.6	(8.0)	46.8	(9.3)	60.7	(6.6)	
Chiapas	88.0	(3.7)	82.4	(6.1)	93.6	(3.3)	94.6	(1.4)	74.0	(8.6)	68.4	(8.4)	49.4	(7.6)	66.5	(5.2)	68.6	(6.7)	
Chihuahua	94.4	(3.6)	85.0	(6.4)	97.7	(1.9)	100.0	c	75.1	(9.9)	75.2	(8.3)	76.9	(7.2)	62.1	(9.2)	84.4	(5.2)	
Coahuila	89.9	(5.4)	84.0	(6.6)	99.1	(0.6)	96.3	(3.7)	67.2	(7.6)	82.5	(7.2)	55.4	(9.0)	52.5	(8.4)	66.1	(9.4)	
Colima	85.1	(4.1)	75.8	(6.5)	84.6	(4.1)	74.3	(2.5)	62.8	(5.6)	69.6	(4.4)	55.5	(7.2)	45.9	(5.9)	70.3	(6.0)	
Distrito Federal	93.1	(3.5)	89.3	(5.9)	97.6	(2.0)	95.0	(3.3)	84.9	(6.3)	82.2	(7.5)	57.7	(9.9)	59.4	(9.7)	66.2	(9.8)	
Durango	97.8	(1.9)	67.4	(9.6)	96.6	(2.6)	93.8	(4.9)	93.8	(3.3)	82.5	(6.0)	53.1	(9.1)	51.6	(7.9)	62.6	(9.8)	
Guanajuato	91.2	(5.8)	87.6	(4.8)	89.6	(3.7)	98.0	(2.0)	76.9	(6.6)	75.1	(7.9)	48.8	(8.9)	32.0	(7.1)	62.9	(6.7)	
Guerrero	83.2	(7.6)	77.5	(8.2)	92.1	(5.6)	90.3	(7.0)	68.3	(10.3)	62.3	(9.8)	57.9	(10.2)	42.7	(8.8)	77.5	(6.9)	
Hidalgo	94.9	(2.6)	90.1	(4.7)	94.1	(3.1)	87.4	(3.9)	79.3	(6.7)	77.9	(7.2)	37.6	(7.5)	40.8	(7.4)	62.4	(7.8)	
Jalisco	98.1	(1.9)	81.8	(7.2)	97.3	(1.9)	94.8	(2.9)	82.5	(4.7)	71.9	(9.5)	50.1	(9.5)	42.9	(7.4)	73.0	(7.8)	
Mexico	98.8	(0.7)	75.4	(8.3)	93.2	(3.9)	100.0	c	55.2	(7.8)	64.5	(7.0)	41.8	(7.3)	54.0	(6.0)	64.4	(6.0)	
Morelos	83.5	(5.8)	87.5	(5.5)	91.9	(4.7)	86.0	(4.8)	66.4	(7.5)	74.6	(8.0)	60.8	(7.1)	64.1	(8.2)	71.8	(7.0)	
Nayarit	78.0	(5.2)	75.1	(4.7)	86.1	(4.8)	81.4	(5.0)	85.2	(4.1)	72.9	(6.4)	55.9	(5.9)	43.9	(7.4)	58.3	(5.7)	
Nuevo León	100.0	c	97.1	(2.3)	93.3	(5.5)	91.2	(5.8)	92.6	(3.7)	83.6	(7.4)	72.0	(8.6)	63.4	(7.7)	85.1	(6.6)	
Puebla	92.5	(4.0)	82.9	(4.7)	95.1	(2.4)	94.5	(3.5)	74.9	(6.3)	69.6	(6.5)	57.2	(7.7)	46.3	(7.4)	69.6	(6.3)	
Querétaro	97.8	(2.3)	86.3	(5.9)	91.4	(5.4)	90.8	(5.5)	69.4	(8.0)	68.6	(12.8)	55.6	(6.9)	41.6	(10.8)	53.4	(12.2)	
Quintana Roo	91.4	(4.9)	78.2	(7.8)	98.7	(0.9)	86.3	(7.5)	77.9	(7.4)	75.4	(7.0)	44.0	(8.3)	53.2	(7.4)	62.4	(8.5)	
San Luis Potosí	96.2	(2.3)	88.7	(4.2)	92.7	(3.0)	95.4	(3.3)	83.1	(5.4)	75.4	(7.1)							



[Part 2/2]

## Quality assurance and school improvement, by region

Table B2.IV.22 Results based on school principals' reports

		Percentage of students in schools whose principal reported that their schools have the following measures aimed at quality assurance and improvement:																		
		Written specification of the school's curriculum and educational goals		Written specification of student-performance standards		Systematic recording of data, including teacher and student attendance and graduation rates, test results and professional development of teachers		Internal evaluation/self-evaluation		External evaluation		Seeking written feedback from students (e.g. regarding lessons, teachers or resources)		Teacher mentoring		Regular consultation with one or more experts over a period of at least six months with the aim of improving the school		Implementation of a standardised policy for mathematics (i.e. school curriculum with shared instructional materials accompanied by staff development and training)		
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	<b>Portugal</b>																			
	Alentejo	94.4	(5.0)	73.4	(11.7)	96.1	(4.2)	100.0	c	97.0	(4.4)	66.0	(12.9)	70.6	(10.4)	19.6	(10.0)	77.1	(9.5)	
	<b>Spain</b>																			
	Andalusia*	95.7	(3.1)	81.8	(5.3)	93.8	(3.5)	98.2	(1.8)	84.0	(5.6)	72.4	(6.2)	17.3	(4.4)	29.7	(7.1)	50.8	(6.1)	
	Aragon*	97.6	(2.4)	70.9	(7.9)	90.0	(4.5)	70.3	(6.6)	58.4	(7.5)	71.9	(6.4)	16.2	(5.5)	18.2	(4.7)	41.4	(7.3)	
	Asturias*	100.0	c	85.0	(4.7)	96.1	(2.7)	91.6	(3.8)	77.8	(5.4)	67.4	(5.8)	22.5	(4.6)	26.8	(4.8)	45.0	(6.9)	
	Balearic Islands*	94.2	(3.4)	59.8	(7.3)	75.3	(5.9)	81.6	(6.0)	62.8	(7.2)	74.5	(6.4)	34.4	(6.6)	28.9	(5.7)	35.7	(7.2)	
	Basque Country*	96.2	(1.2)	78.0	(3.1)	95.0	(1.7)	77.8	(2.9)	84.0	(2.6)	74.6	(3.1)	58.3	(3.7)	54.9	(3.8)	66.8	(3.8)	
	Cantabria*	98.0	(1.9)	82.1	(4.9)	94.8	(3.0)	76.8	(5.3)	82.7	(5.1)	61.1	(5.7)	26.2	(5.1)	16.9	(5.0)	35.0	(6.3)	
	Castile and Leon*	100.0	c	78.3	(6.1)	96.6	(2.3)	78.6	(5.7)	56.2	(6.6)	76.3	(4.4)	25.1	(5.2)	18.9	(4.4)	38.9	(6.7)	
	Catalonia*	91.7	(4.1)	73.9	(5.9)	90.2	(4.6)	83.8	(4.5)	94.0	(3.5)	49.4	(8.2)	28.4	(6.5)	36.6	(6.9)	32.8	(7.8)	
	Extremadura*	98.0	(1.9)	74.2	(6.7)	96.6	(2.4)	70.6	(6.4)	75.3	(5.5)	53.4	(7.3)	16.7	(5.6)	12.9	(5.0)	39.3	(6.2)	
	Galicia*	92.9	(3.6)	76.6	(6.0)	78.1	(6.0)	65.4	(6.8)	65.7	(6.8)	42.5	(7.2)	59.7	(7.3)	15.9	(5.2)	16.5	(5.0)	
	La Rioja*	94.3	(0.3)	76.6	(4.0)	93.2	(0.3)	74.1	(0.5)	84.5	(0.4)	69.5	(0.5)	21.2	(0.5)	32.8	(0.4)	34.8	(0.5)	
	Madrid*	96.2	(2.7)	98.1	(1.9)	92.8	(3.6)	81.5	(5.6)	84.6	(4.8)	66.4	(6.3)	29.5	(6.3)	20.7	(5.2)	34.5	(5.9)	
	Murcia*	93.8	(3.6)	80.8	(5.4)	88.0	(4.1)	82.9	(5.5)	51.2	(5.6)	70.6	(6.9)	10.8	(4.9)	22.1	(6.8)	35.4	(6.7)	
	Navarre*	97.2	(2.0)	64.1	(4.9)	90.6	(3.5)	84.8	(2.4)	91.3	(2.5)	70.7	(4.4)	35.6	(5.7)	35.7	(4.1)	44.2	(5.4)	
<b>United Kingdom</b>																				
England	97.8	(1.1)	94.1	(1.9)	100.0	c	100.0	c	91.7	(2.4)	71.2	(3.9)	98.4	(0.9)	81.4	(2.8)	74.7	(3.7)		
Northern Ireland	96.9	(2.8)	94.3	(3.3)	97.3	(2.0)	100.0	c	82.8	(4.0)	65.1	(5.4)	79.5	(3.9)	72.1	(4.9)	77.9	(4.7)		
Scotland*	94.5	(2.1)	81.4	(4.0)	96.9	(1.8)	100.0	c	92.2	(2.7)	91.2	(2.8)	85.0	(3.3)	67.9	(4.5)	67.7	(4.2)		
Wales	96.6	(1.2)	94.8	(2.0)	99.3	(0.7)	100.0	c	92.2	(1.5)	81.8	(2.9)	91.4	(2.0)	85.8	(2.8)	76.9	(3.4)		
<b>United States</b>																				
Connecticut*	100.0	c	91.6	(3.2)	97.8	(2.5)	98.2	(1.8)	86.5	(4.7)	44.0	(7.2)	100.0	c	75.9	(6.6)	87.0	(3.4)		
Florida*	98.1	(1.9)	98.1	(1.9)	97.9	(2.1)	98.2	(1.8)	92.7	(3.6)	78.8	(6.1)	100.0	c	81.6	(6.8)	94.8	(3.1)		
Massachusetts*	98.0	(2.0)	93.9	(3.5)	98.5	(1.5)	94.5	(3.2)	81.7	(5.4)	49.9	(7.2)	96.7	(2.6)	64.8	(6.8)	88.6	(4.6)		
Partners	<b>Argentina</b>																			
	Ciudad Autónoma de Buenos Aires*	92.5	(5.0)	60.3	(8.2)	85.2	(6.2)	82.8	(5.9)	34.7	(6.9)	38.7	(7.6)	82.1	(7.0)	68.7	(6.8)	69.7	(7.9)	
	<b>Brazil</b>																			
	Acre	87.1	(7.4)	78.9	(9.6)	91.9	(5.4)	94.8	(0.7)	95.9	(4.0)	69.3	(9.0)	73.9	(7.7)	55.3	(9.2)	77.5	(8.6)	
	Alagoas	92.5	(5.5)	70.8	(9.6)	75.6	(11.3)	80.2	(6.4)	65.3	(13.3)	72.5	(9.9)	84.8	(3.0)	26.7	(11.0)	58.4	(13.1)	
	Amapá	96.3	(4.0)	73.8	(10.8)	74.3	(8.8)	96.2	(3.4)	70.2	(8.1)	81.2	(9.3)	98.0	(2.1)	64.8	(9.7)	76.4	(4.5)	
	Amazonas	94.9	(3.9)	65.1	(11.6)	65.0	(10.8)	94.6	(5.6)	68.4	(11.8)	68.9	(11.2)	93.8	(4.7)	47.7	(10.6)	76.9	(8.8)	
	Bahia	89.4	(7.3)	86.9	(11.4)	80.4	(11.2)	100.0	c	82.9	(10.9)	58.7	(12.7)	100.0	c	33.8	(11.6)	68.5	(15.6)	
	Ceará	94.5	(3.7)	72.4	(6.6)	88.4	(3.3)	87.3	(5.8)	88.8	(6.0)	61.1	(9.1)	93.9	(5.3)	16.6	(4.7)	65.3	(9.0)	
	Espírito Santo	91.2	(5.1)	83.3	(8.7)	83.9	(6.6)	80.5	(5.8)	59.9	(11.4)	74.7	(7.0)	91.8	(5.0)	47.8	(11.4)	83.1	(7.5)	
	Federal District	93.7	(5.8)	65.8	(12.8)	76.4	(7.2)	99.5	(0.5)	76.2	(9.9)	64.8	(8.3)	93.2	(4.0)	51.7	(8.2)	67.8	(7.2)	
	Goiás	95.8	(4.2)	92.2	(5.2)	96.2	(3.7)	100.0	c	93.7	(4.3)	66.5	(10.8)	85.2	(7.5)	55.2	(12.0)	87.3	(6.7)	
	Maranhão	100.0	c	63.9	(11.8)	85.8	(7.2)	100.0	c	59.2	(12.2)	78.1	(9.0)	70.0	(8.8)	54.6	(14.2)	81.7	(9.2)	
	Mato Grosso	100.0	c	82.3	(8.4)	77.1	(10.9)	86.9	(7.6)	53.2	(8.5)	63.4	(10.7)	93.3	(4.8)	42.6	(13.0)	61.9	(11.3)	
	Mato Grosso do Sul	91.6	(5.8)	72.4	(11.2)	75.1	(10.7)	98.3	(1.7)	86.3	(7.7)	78.9	(7.7)	98.2	(2.0)	49.7	(9.4)	60.6	(9.2)	
	Minas Gerais	97.7	(2.5)	81.6	(7.8)	84.9	(4.5)	100.0	c	97.7	(2.2)	79.5	(8.1)	91.4	(5.4)	69.0	(10.1)	74.4	(8.5)	
	Pará	99.2	(0.9)	74.0	(8.3)	80.2	(6.3)	93.9	(4.1)	61.8	(7.2)	73.2	(6.6)	89.3	(4.5)	55.3	(13.7)	55.9	(8.9)	
	Paraíba	86.9	(10.7)	78.8	(11.3)	69.8	(11.1)	94.3	(4.1)	44.7	(14.2)	81.6	(7.7)	94.5	(4.1)	48.8	(10.6)	76.1	(11.5)	
	Paraná	100.0	c	68.6	(10.1)	76.2	(8.4)	96.1	(3.6)	72.9	(9.1)	67.7	(8.4)	99.9	(0.1)	55.6	(9.5)	82.5	(7.0)	
	Pernambuco	100.0	c	77.1	(10.5)	82.8	(8.9)	100.0	c	79.7	(7.5)	67.1	(10.6)	97.4	(2.6)	45.6	(10.0)	79.1	(9.7)	
	Piauí	94.8	(4.3)	70.6	(9.7)	74.1	(9.2)	91.5	(5.0)	57.3	(10.7)	53.9	(12.9)	92.9	(5.7)	48.3	(14.6)	63.7	(9.3)	
	Rio de Janeiro	100.0	c	79.9	(8.6)	91.7	(6.3)	96.4	(2.2)	93.9	(5.4)	76.7	(10.7)	75.7	(7.4)	57.4	(9.4)	77.1	(9.1)	
	Rio Grande do Norte	80.2	(10.5)	74.1	(11.8)	54.0	(9.7)	76.9	(9.0)	65.8	(10.3)	58.5	(10.6)	84.1	(8.2)	60.4	(11.8)	48.0	(9.7)	
	Rio Grande do Sul	87.8	(6.9)	57.0	(9.5)	62.4	(11.5)	85.8	(4.8)	66.5	(10.0)	75.1	(8.7)	97.1	(2.4)	23.6	(9.3)	66.8	(9.6)	
	Rondônia	100.0	c	74.8	(9.9)	76.9	(7.9)	85.6	(7.6)	80.1	(9.6)	72.0	(7.7)	87.0	(7.6)	42.3	(9.7)	56.8	(7.2)	
	Roraima	96.2	(3.7)	78.4	(10.7)	83.6	(4.2)	90.2	(4.4)	68.6	(6.4)	70.4	(11.0)	91.0	(5.2)	64.8	(10.7)	63.8	(8.7)	
	Santa Catarina	90.9	(6.6)	51.2	(10.4)	71.3	(9.7)	88.1	(5.9)	38.3	(8.5)	66.1	(10.7)	93.1	(4.3)	38.1	(7.7)	45.7	(8.3)	
	São Paulo	88.9	(3.7)	73.5	(5.9)	89.1	(4.4)	100.0	c	95.1	(2.6)	64.1	(6.4)	97.2	(2.0)	55.2	(5.9)	74.8	(5.6)	
	Sergipe	87.3	(7.5)	69.2	(12.9)	81.7	(9.2)	86.3	(8.1)	62.3	(9.3)	71.8	(10.0)	96.2	(3.8)	45.7	(11.4)	63.4	(8.1)	
	Tocantins	87.0	(6.7)	58.1	(6.4)	77.6	(5.4)	85.5	(8.0)	90.7	(6.3)	80.4	(9.1)	93.4	(4.6)	37.0	(11.9)	85.5	(7.1)	
	<b>Colombia</b>																			
	Bogotá	89.4	(4.7)	90.9	(4.3)	91.0	(4.1)	100.0	c	90.1	(5.3)	67.1	(6.8)	58.8	(6.7)	59.0	(5.0)	63.5	(7.4)	
	Cali	99.3	(0.8)	99.3	(0.8)	96.7	(2.1)	99.3	(0.8)	78.3	(7.0)	81.1	(3.6)	74.6	(7.2)	67.5	(6.3)	75.2	(6.5)	
Manizales	100.0	c	95.9	(3.1)	87.4	(5.3)	95.1	(3.5)	77.0	(7.3)	69.8	(7.3)	75.9	(3.9)	62.9	(8.4)	56.3	(7.2)		
Medellin	92.8	(3.6)	96.4	(2.8)	85.2	(6.5)	98.1	(2.0)	80.7	(6.7)	80.0	(5.6)	67.9	(5.9)	55.6	(6.7)	59.4	(8.1)		
<b>Russian Federation</b>																				
Perm Territory region*	91.6	(3.8)	90.9	(4.0)	99.6	(0.4)	96.6	(2.4)	93.2	(3.4)	79.8	(5.0)	98.9	(1.1)	50.7	(5.7)	89.2	(3.4)		
<b>United Arab Emirates</b>																				
Abu Dhabi*	97.1	(1.5)	96.4	(1.8)	98.5	(0.9)	95.6	(1.7)	95.0	(2.1)	80.4	(3.3)	92.8	(2.0)	82.4	(3.5)	84.5	(3.1)		
Ajman	91.5	(3.9)	91.0	(5.1)	97.5	(1.8)	90.1	(5.5)	90.5	(5.1)	80.1	(8.7)	89.6	(3.8)	29.7	(9.6)	66.6	(5.7)		
Dubai*	96.0	(0.0)	93.4	(0.1)	98.9	(0.0)	99.3	(0.0)	94.2	(0.1)	78.7	(0.3)	92.9	(0.1)	81.0	(0.1)	87.9	(0.1)		
Fujairah	100.0	c	100.0	c	100.0	c	99.6	(0.1)	88.4	(6.4)	85.1	(3.7)	86.0	(5.3)	45.7	(7.3)	78.3	(4.0)		
Ras Al Khaimah	90.4	(6.7)	99.8	(0.0)	100.0	c	100.0	c	91.8	(5.6)	68.8	(9.4)	90.2	(5.3)	49.3	(8.7)	71.1	(7.9)		
Sharjah	92.8	(5.3)	96.4	(3.5)	100.0	c	100.0	c	94.2	(3.0)	69.0	(8.7)	92.7	(1.4)	70.2	(6.7)	78.4	(9.4)		
Umm Al Quwain	91.0	(0.1)	99.3	(0.2)	99.3	(0.2)	95.5	(0.3)	96.1	(0.2)	83.5	(								






[Part 1/4]  
Index of disciplinary climate and mathematics performance, by region

Table B2.IV.24 Results based on students' self-reports

	Index of disciplinary climate										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Australia</b>												
Australian capital territory	-0.26	(0.05)	-1.55	(0.07)	-0.57	(0.05)	0.04	(0.06)	1.07	(0.07)	1.04	(0.03)
New South Wales	-0.16	(0.03)	-1.52	(0.04)	-0.51	(0.04)	0.19	(0.04)	1.21	(0.04)	1.07	(0.02)
Northern territory	-0.11	(0.11)	-1.29	(0.15)	-0.37	(0.11)	0.22	(0.12)	1.03	(0.11)	0.92	(0.05)
Queensland	-0.13	(0.03)	-1.48	(0.05)	-0.42	(0.03)	0.19	(0.03)	1.21	(0.05)	1.05	(0.02)
South Australia	-0.14	(0.04)	-1.38	(0.06)	-0.45	(0.05)	0.14	(0.04)	1.13	(0.05)	0.99	(0.02)
Tasmania	-0.19	(0.04)	-1.44	(0.05)	-0.51	(0.05)	0.12	(0.04)	1.06	(0.05)	0.99	(0.02)
Victoria	-0.14	(0.04)	-1.37	(0.04)	-0.46	(0.04)	0.17	(0.03)	1.12	(0.05)	0.98	(0.02)
Western Australia	-0.06	(0.03)	-1.35	(0.05)	-0.32	(0.04)	0.25	(0.04)	1.20	(0.05)	1.01	(0.02)
<b>Belgium</b>												
Flemish community*	0.08	(0.03)	-1.17	(0.04)	-0.26	(0.02)	0.39	(0.04)	1.37	(0.03)	1.00	(0.02)
French community	-0.16	(0.03)	-1.52	(0.04)	-0.51	(0.04)	0.19	(0.04)	1.21	(0.04)	1.07	(0.02)
German-speaking community	-0.14	(0.04)	-1.37	(0.04)	-0.46	(0.04)	0.17	(0.03)	1.12	(0.05)	0.98	(0.02)
<b>Canada</b>												
Alberta	0.04	(0.04)	-1.19	(0.06)	-0.22	(0.03)	0.33	(0.06)	1.27	(0.04)	0.97	(0.02)
British Columbia	0.02	(0.03)	-1.19	(0.05)	-0.24	(0.03)	0.33	(0.04)	1.18	(0.04)	0.94	(0.02)
Manitoba	0.03	(0.04)	-1.17	(0.05)	-0.26	(0.03)	0.29	(0.06)	1.28	(0.04)	0.96	(0.02)
New Brunswick	-0.04	(0.04)	-1.28	(0.07)	-0.27	(0.03)	0.26	(0.04)	1.13	(0.06)	0.96	(0.03)
Newfoundland and Labrador	-0.08	(0.04)	-1.44	(0.06)	-0.40	(0.04)	0.26	(0.05)	1.28	(0.04)	1.06	(0.03)
Nova Scotia	-0.09	(0.06)	-1.48	(0.07)	-0.37	(0.07)	0.27	(0.05)	1.23	(0.08)	1.06	(0.03)
Ontario	-0.02	(0.03)	-1.21	(0.04)	-0.31	(0.02)	0.22	(0.03)	1.22	(0.04)	0.95	(0.02)
Prince Edward Island	-0.12	(0.03)	-1.36	(0.06)	-0.37	(0.04)	0.14	(0.03)	1.11	(0.05)	0.98	(0.02)
Quebec	0.05	(0.03)	-1.20	(0.03)	-0.30	(0.03)	0.38	(0.05)	1.33	(0.04)	0.99	(0.01)
Saskatchewan	0.05	(0.04)	-1.08	(0.06)	-0.24	(0.04)	0.29	(0.05)	1.21	(0.05)	0.91	(0.02)
<b>Italy</b>												
Abruzzo	-0.09	(0.05)	-1.34	(0.05)	-0.42	(0.06)	0.24	(0.07)	1.16	(0.04)	0.98	(0.02)
Basilicata	0.05	(0.05)	-1.22	(0.06)	-0.29	(0.07)	0.45	(0.05)	1.29	(0.05)	1.00	(0.03)
Bolzano	0.05	(0.03)	-1.20	(0.04)	-0.33	(0.04)	0.41	(0.04)	1.34	(0.03)	1.00	(0.02)
Calabria	0.04	(0.05)	-1.22	(0.07)	-0.30	(0.05)	0.39	(0.08)	1.28	(0.05)	0.99	(0.03)
Campania	0.10	(0.05)	-1.15	(0.05)	-0.26	(0.07)	0.51	(0.07)	1.31	(0.06)	0.98	(0.03)
Emilia Romagna	-0.11	(0.04)	-1.31	(0.05)	-0.51	(0.06)	0.20	(0.05)	1.20	(0.06)	0.99	(0.03)
Friuli Venezia Giulia	-0.09	(0.04)	-1.40	(0.05)	-0.47	(0.06)	0.28	(0.06)	1.24	(0.05)	1.04	(0.03)
Lazio	-0.07	(0.04)	-1.32	(0.04)	-0.40	(0.05)	0.26	(0.07)	1.18	(0.05)	0.98	(0.02)
Liguria	-0.20	(0.06)	-1.44	(0.08)	-0.55	(0.07)	0.14	(0.06)	1.08	(0.07)	1.00	(0.03)
Lombardia	-0.01	(0.05)	-1.34	(0.06)	-0.36	(0.06)	0.38	(0.07)	1.27	(0.03)	1.03	(0.02)
Marche	-0.21	(0.05)	-1.44	(0.06)	-0.59	(0.06)	0.14	(0.08)	1.04	(0.04)	0.98	(0.02)
Molise	0.09	(0.04)	-1.18	(0.06)	-0.19	(0.06)	0.45	(0.05)	1.29	(0.05)	0.97	(0.03)
Piemonte	-0.10	(0.08)	-1.38	(0.07)	-0.44	(0.09)	0.23	(0.08)	1.19	(0.09)	1.01	(0.02)
Puglia	0.02	(0.04)	-1.16	(0.06)	-0.31	(0.04)	0.35	(0.06)	1.21	(0.04)	0.94	(0.02)
Sardegna	-0.28	(0.05)	-1.52	(0.06)	-0.65	(0.06)	0.04	(0.06)	1.03	(0.05)	1.01	(0.03)
Sicilia	0.08	(0.05)	-1.16	(0.05)	-0.26	(0.06)	0.44	(0.06)	1.30	(0.05)	0.97	(0.02)
Toscana	-0.22	(0.05)	-1.39	(0.06)	-0.55	(0.05)	0.09	(0.07)	0.99	(0.06)	0.94	(0.02)
Trento	0.02	(0.05)	-1.28	(0.06)	-0.31	(0.06)	0.39	(0.07)	1.26	(0.05)	1.00	(0.03)
Umbria	-0.12	(0.05)	-1.36	(0.06)	-0.45	(0.06)	0.24	(0.05)	1.10	(0.05)	0.97	(0.02)
Valle d'Aosta	-0.29	(0.04)	-1.54	(0.07)	-0.60	(0.05)	-0.02	(0.05)	1.00	(0.06)	0.99	(0.03)
Veneto	-0.12	(0.08)	-1.39	(0.10)	-0.45	(0.09)	0.21	(0.07)	1.14	(0.08)	1.00	(0.03)
<b>Mexico</b>												
Aguascalientes	0.00	(0.06)	-1.11	(0.07)	-0.26	(0.04)	0.27	(0.07)	1.13	(0.08)	0.89	(0.03)
Baja California	-0.03	(0.05)	-1.17	(0.05)	-0.35	(0.06)	0.19	(0.05)	1.22	(0.08)	0.93	(0.03)
Baja California Sur	-0.13	(0.05)	-1.29	(0.07)	-0.45	(0.06)	0.17	(0.04)	1.05	(0.05)	0.92	(0.03)
Campeche	0.02	(0.04)	-1.13	(0.05)	-0.31	(0.05)	0.24	(0.05)	1.27	(0.08)	0.94	(0.03)
Chiapas	0.04	(0.04)	-1.11	(0.07)	-0.18	(0.06)	0.33	(0.04)	1.12	(0.06)	0.88	(0.03)
Chihuahua	0.09	(0.05)	-1.14	(0.07)	-0.19	(0.07)	0.42	(0.06)	1.27	(0.06)	0.96	(0.03)
Coahuila	0.02	(0.05)	-1.10	(0.08)	-0.26	(0.05)	0.28	(0.06)	1.15	(0.08)	0.89	(0.03)
Colima	0.12	(0.08)	-1.09	(0.12)	-0.22	(0.09)	0.48	(0.08)	1.32	(0.06)	0.95	(0.04)
Distrito Federal	0.00	(0.04)	-1.16	(0.05)	-0.33	(0.05)	0.26	(0.06)	1.22	(0.06)	0.94	(0.03)
Durango	0.12	(0.06)	-1.06	(0.08)	-0.18	(0.07)	0.42	(0.07)	1.31	(0.07)	0.94	(0.04)
Guanajuato	0.04	(0.06)	-1.13	(0.08)	-0.27	(0.05)	0.30	(0.08)	1.26	(0.10)	0.93	(0.04)
Guerrero	-0.06	(0.05)	-1.15	(0.06)	-0.31	(0.05)	0.20	(0.05)	1.04	(0.07)	0.88	(0.03)
Hidalgo	0.16	(0.06)	-0.97	(0.07)	-0.11	(0.06)	0.45	(0.07)	1.29	(0.08)	0.90	(0.03)
Jalisco	0.02	(0.04)	-1.15	(0.07)	-0.26	(0.04)	0.31	(0.07)	1.19	(0.07)	0.92	(0.03)
Mexico	0.03	(0.05)	-1.01	(0.06)	-0.24	(0.05)	0.27	(0.06)	1.12	(0.07)	0.85	(0.03)
Morelos	-0.04	(0.06)	-1.17	(0.08)	-0.31	(0.07)	0.24	(0.07)	1.11	(0.07)	0.91	(0.03)
Nayarit	0.04	(0.08)	-1.15	(0.08)	-0.34	(0.07)	0.37	(0.10)	1.31	(0.08)	0.98	(0.03)
Nuevo León	0.16	(0.06)	-1.09	(0.04)	-0.15	(0.07)	0.46	(0.08)	1.43	(0.09)	0.99	(0.03)
Puebla	0.14	(0.05)	-0.91	(0.07)	-0.11	(0.05)	0.40	(0.05)	1.17	(0.05)	0.83	(0.03)
Querétaro	0.20	(0.08)	-1.03	(0.08)	-0.07	(0.09)	0.50	(0.07)	1.40	(0.09)	0.96	(0.03)
Quintana Roo	0.04	(0.06)	-1.07	(0.07)	-0.30	(0.05)	0.28	(0.08)	1.25	(0.08)	0.91	(0.03)
San Luis Potosí	0.10	(0.05)	-1.09	(0.06)	-0.19	(0.06)	0.42	(0.05)	1.28	(0.06)	0.93	(0.03)
Sinaloa	-0.12	(0.07)	-1.27	(0.07)	-0.44	(0.08)	0.16	(0.07)	1.10	(0.10)	0.94	(0.03)
Tabasco	-0.12	(0.05)	-1.26	(0.08)	-0.45	(0.07)	0.16	(0.06)	1.07	(0.07)	0.92	(0.04)
Tamaulipas	0.08	(0.06)	-1.08	(0.06)	-0.24	(0.08)	0.39	(0.09)	1.24	(0.06)	0.92	(0.02)
Tlaxcala	0.14	(0.05)	-1.04	(0.07)	-0.16	(0.07)	0.47	(0.07)	1.28	(0.05)	0.92	(0.03)
Veracruz	0.22	(0.05)	-0.85	(0.05)	-0.07	(0.06)	0.49	(0.06)	1.32	(0.08)	0.86	(0.03)
Yucatán	0.01	(0.06)	-1.16	(0.10)	-0.26	(0.04)	0.27	(0.07)	1.21	(0.07)	0.94	(0.03)
Zacatecas	-0.01	(0.05)	-1.16	(0.07)	-0.30	(0.04)	0.27	(0.06)	1.16	(0.08)	0.91	(0.03)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table IV.5.6 for national data.

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[Part 2/4]

## Index of disciplinary climate and mathematics performance, by region


Table B2.IV.24 Results based on students' self-reports

	Index of disciplinary climate										Variability in this index	
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Standard deviation	S.E.
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.		
<b>OECD</b>												
<b>Portugal</b>												
Alentejo	0.06	(0.08)	-1.09	(0.09)	-0.26	(0.05)	0.33	(0.11)	1.26	(0.09)	0.93	(0.04)
<b>Spain</b>												
Andalusia*	0.03	(0.07)	-1.41	(0.08)	-0.31	(0.07)	0.47	(0.08)	1.39	(0.08)	1.10	(0.03)
Aragon*	-0.03	(0.06)	-1.23	(0.07)	-0.36	(0.07)	0.24	(0.08)	1.25	(0.07)	0.97	(0.03)
Asturias*	0.01	(0.05)	-1.23	(0.05)	-0.37	(0.05)	0.35	(0.08)	1.28	(0.06)	0.99	(0.03)
Balearic Islands*	-0.06	(0.05)	-1.47	(0.08)	-0.42	(0.05)	0.32	(0.07)	1.32	(0.05)	1.09	(0.03)
Basque Country*	-0.15	(0.03)	-1.24	(0.03)	-0.45	(0.03)	0.08	(0.03)	1.01	(0.04)	0.90	(0.01)
Cantabria*	0.09	(0.05)	-1.25	(0.06)	-0.24	(0.08)	0.48	(0.05)	1.38	(0.05)	1.03	(0.03)
Castile and Leon*	0.00	(0.05)	-1.28	(0.07)	-0.35	(0.05)	0.36	(0.07)	1.27	(0.05)	1.01	(0.03)
Catalonia*	-0.16	(0.08)	-1.43	(0.09)	-0.50	(0.09)	0.18	(0.08)	1.11	(0.08)	1.00	(0.03)
Extremadura*	0.02	(0.05)	-1.27	(0.06)	-0.32	(0.05)	0.34	(0.08)	1.31	(0.05)	1.01	(0.03)
Galicia*	-0.05	(0.06)	-1.41	(0.07)	-0.36	(0.06)	0.28	(0.08)	1.29	(0.05)	1.05	(0.03)
La Rioja*	0.04	(0.03)	-1.26	(0.05)	-0.29	(0.04)	0.39	(0.05)	1.30	(0.04)	1.01	(0.02)
Madrid*	0.03	(0.06)	-1.18	(0.06)	-0.29	(0.05)	0.31	(0.09)	1.28	(0.07)	0.97	(0.02)
Murcia*	-0.07	(0.05)	-1.35	(0.06)	-0.39	(0.05)	0.28	(0.05)	1.18	(0.05)	0.99	(0.02)
Navarre*	0.03	(0.05)	-1.24	(0.05)	-0.34	(0.05)	0.37	(0.08)	1.34	(0.05)	1.02	(0.02)
<b>United Kingdom</b>												
England	0.15	(0.03)	-1.24	(0.04)	-0.16	(0.04)	0.55	(0.03)	1.46	(0.03)	1.06	(0.02)
Northern Ireland	0.21	(0.05)	-1.20	(0.06)	-0.09	(0.06)	0.62	(0.05)	1.51	(0.05)	1.06	(0.02)
Scotland*	0.10	(0.04)	-1.33	(0.05)	-0.20	(0.05)	0.51	(0.04)	1.40	(0.04)	1.07	(0.02)
Wales	0.11	(0.03)	-1.27	(0.05)	-0.23	(0.04)	0.48	(0.03)	1.44	(0.04)	1.06	(0.02)
<b>United States</b>												
Connecticut*	0.30	(0.05)	-0.98	(0.08)	-0.02	(0.04)	0.67	(0.08)	1.55	(0.03)	0.99	(0.03)
Florida*	-0.01	(0.05)	-1.31	(0.06)	-0.33	(0.05)	0.26	(0.07)	1.32	(0.05)	1.03	(0.02)
Massachusetts*	0.32	(0.05)	-1.04	(0.09)	0.01	(0.06)	0.73	(0.06)	1.58	(0.03)	1.04	(0.03)
<b>Partners</b>												
<b>Argentina</b>												
Ciudad Autónoma de Buenos Aires*	-0.45	(0.04)	-1.56	(0.06)	-0.76	(0.04)	-0.17	(0.05)	0.69	(0.07)	0.90	(0.03)
<b>Brazil</b>												
Acre	-0.32	(0.07)	-1.39	(0.09)	-0.68	(0.06)	-0.13	(0.07)	0.93	(0.10)	0.93	(0.03)
Alagoas	-0.45	(0.06)	-1.54	(0.08)	-0.82	(0.06)	-0.24	(0.08)	0.79	(0.08)	0.92	(0.04)
Amapá	-0.31	(0.05)	-1.30	(0.06)	-0.59	(0.07)	-0.06	(0.05)	0.74	(0.08)	0.81	(0.04)
Amazonas	-0.49	(0.06)	-1.59	(0.08)	-0.81	(0.05)	-0.24	(0.06)	0.68	(0.11)	0.91	(0.04)
Bahia	-0.37	(0.13)	-1.38	(0.16)	-0.59	(0.10)	-0.16	(0.13)	0.65	(0.17)	0.82	(0.04)
Ceará	-0.25	(0.06)	-1.50	(0.09)	-0.62	(0.07)	0.01	(0.08)	1.12	(0.06)	1.02	(0.03)
Espírito Santo	-0.44	(0.07)	-1.62	(0.10)	-0.74	(0.08)	-0.15	(0.08)	0.77	(0.06)	0.95	(0.03)
Federal District	-0.19	(0.10)	-1.29	(0.10)	-0.53	(0.09)	0.08	(0.10)	1.00	(0.14)	0.91	(0.05)
Goiás	-0.45	(0.07)	-1.54	(0.08)	-0.69	(0.05)	-0.22	(0.07)	0.66	(0.11)	0.87	(0.04)
Maranhão	-0.31	(0.06)	-1.28	(0.08)	-0.63	(0.07)	-0.11	(0.06)	0.77	(0.08)	0.83	(0.04)
Mato Grosso	-0.47	(0.06)	-1.61	(0.09)	-0.77	(0.06)	-0.23	(0.05)	0.73	(0.10)	0.94	(0.05)
Mato Grosso do Sul	-0.20	(0.06)	-1.40	(0.07)	-0.56	(0.07)	0.11	(0.07)	1.06	(0.07)	0.97	(0.03)
Minas Gerais	-0.27	(0.06)	-1.41	(0.09)	-0.55	(0.06)	0.00	(0.07)	0.91	(0.09)	0.92	(0.03)
Pará	-0.34	(0.15)	-1.40	(0.10)	-0.70	(0.09)	-0.13	(0.14)	0.90	(0.29)	0.92	(0.08)
Paraíba	-0.25	(0.06)	-1.33	(0.07)	-0.56	(0.07)	0.05	(0.08)	0.88	(0.07)	0.88	(0.03)
Paraná	-0.49	(0.05)	-1.56	(0.06)	-0.82	(0.06)	-0.28	(0.05)	0.71	(0.10)	0.92	(0.04)
Pernambuco	-0.30	(0.09)	-1.46	(0.08)	-0.66	(0.10)	-0.09	(0.12)	1.04	(0.11)	0.99	(0.03)
Piauí	-0.23	(0.05)	-1.24	(0.08)	-0.56	(0.04)	-0.02	(0.05)	0.92	(0.13)	0.87	(0.06)
Rio de Janeiro	-0.37	(0.08)	-1.58	(0.09)	-0.67	(0.08)	-0.07	(0.10)	0.85	(0.10)	0.96	(0.04)
Rio Grande do Norte	-0.22	(0.11)	-1.39	(0.08)	-0.62	(0.08)	-0.05	(0.14)	1.18	(0.20)	1.02	(0.06)
Rio Grande do Sul	-0.35	(0.05)	-1.41	(0.08)	-0.62	(0.06)	-0.11	(0.05)	0.74	(0.05)	0.86	(0.03)
Rondônia	-0.32	(0.06)	-1.43	(0.06)	-0.65	(0.05)	-0.09	(0.07)	0.89	(0.11)	0.92	(0.03)
Roraima	-0.44	(0.08)	-1.50	(0.12)	-0.73	(0.07)	-0.23	(0.08)	0.72	(0.12)	0.89	(0.06)
Santa Catarina	-0.22	(0.08)	-1.28	(0.07)	-0.48	(0.09)	0.03	(0.07)	0.87	(0.15)	0.86	(0.05)
São Paulo	-0.36	(0.04)	-1.55	(0.04)	-0.69	(0.05)	-0.10	(0.04)	0.91	(0.09)	0.98	(0.03)
Sergipe	-0.40	(0.08)	-1.43	(0.11)	-0.69	(0.09)	-0.11	(0.09)	0.66	(0.09)	0.85	(0.05)
Tocantins	-0.47	(0.07)	-1.53	(0.08)	-0.76	(0.08)	-0.25	(0.08)	0.66	(0.08)	0.87	(0.03)
<b>Colombia</b>												
Bogota	-0.05	(0.04)	-1.10	(0.05)	-0.28	(0.04)	0.21	(0.05)	0.97	(0.06)	0.83	(0.02)
Cali	0.06	(0.06)	-0.96	(0.06)	-0.23	(0.05)	0.33	(0.07)	1.10	(0.09)	0.82	(0.02)
Manizales	0.01	(0.05)	-0.98	(0.07)	-0.26	(0.04)	0.21	(0.05)	1.06	(0.08)	0.81	(0.02)
Medellin	-0.10	(0.07)	-1.15	(0.07)	-0.38	(0.07)	0.13	(0.06)	1.02	(0.08)	0.86	(0.02)
<b>Russian Federation</b>												
Perm Territory region*	0.23	(0.05)	-1.11	(0.06)	-0.09	(0.05)	0.59	(0.06)	1.53	(0.06)	1.03	(0.02)
<b>United Arab Emirates</b>												
Abu Dhabi*	-0.07	(0.04)	-1.43	(0.04)	-0.47	(0.05)	0.29	(0.06)	1.33	(0.04)	1.09	(0.01)
Ajman	-0.07	(0.06)	-1.20	(0.09)	-0.46	(0.08)	0.19	(0.05)	1.21	(0.09)	0.95	(0.04)
Dubai*	0.09	(0.02)	-1.18	(0.03)	-0.27	(0.02)	0.44	(0.03)	1.36	(0.03)	1.00	(0.01)
Fujairah	0.02	(0.09)	-1.30	(0.12)	-0.40	(0.08)	0.32	(0.12)	1.47	(0.11)	1.08	(0.05)
Ras Al Khaimah	-0.09	(0.07)	-1.37	(0.08)	-0.53	(0.08)	0.23	(0.09)	1.32	(0.08)	1.05	(0.03)
Sharjah	0.19	(0.08)	-1.09	(0.09)	-0.16	(0.11)	0.52	(0.13)	1.49	(0.08)	0.99	(0.04)
Umm Al Quwain	-0.14	(0.07)	-1.28	(0.07)	-0.55	(0.09)	0.15	(0.10)	1.18	(0.11)	0.98	(0.04)

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.5.6 for national data.

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[Part 3/4]

## Index of disciplinary climate and mathematics performance, by region

Table B2.IV.24 Results based on students' self-reports

	School variability in the distribution of this index	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
		Bottom quarter		Second quarter		Third quarter		Top quarter		Score dif.	S.E.	Ratio	S.E.	%	S.E.	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.							
<b>OECD</b>																
<b>Australia</b>																
Australian capital territory	6.84	<b>474</b> (10.4)	512 (10.6)	522 (9.0)	<b>556</b> (10.2)	<b>30.1</b> (4.4)	<b>2.3</b> (0.38)	11.0 (3.03)								
New South Wales	10.25	<b>464</b> (5.2)	491 (5.5)	522 (6.5)	<b>554</b> (6.2)	<b>31.9</b> (2.3)	<b>2.0</b> (0.18)	11.8 (1.59)								
Northern territory	3.68	<b>429</b> (20.5)	449 (18.1)	459 (22.5)	<b>496</b> (17.8)	<b>25.9</b> (8.9)	1.4 (0.30)	5.6 (3.49)								
Queensland	2.47	<b>459</b> (5.5)	493 (5.4)	516 (7.1)	<b>548</b> (5.4)	<b>30.7</b> (2.3)	<b>2.2</b> (0.21)	12.0 (1.51)								
South Australia	0.46	<b>459</b> (6.2)	475 (7.5)	497 (7.6)	<b>529</b> (6.8)	<b>27.8</b> (3.1)	<b>1.7</b> (0.22)	9.2 (2.07)								
Tasmania	6.62	<b>457</b> (8.0)	458 (9.0)	490 (10.7)	<b>523</b> (9.0)	<b>25.7</b> (3.7)	1.4 (0.21)	7.0 (1.93)								
Victoria	7.82	<b>469</b> (5.2)	490 (6.2)	509 (5.8)	<b>538</b> (7.0)	<b>27.1</b> (2.8)	<b>1.7</b> (0.20)	8.7 (1.67)								
Western Australia	8.69	<b>479</b> (6.2)	505 (6.3)	532 (7.7)	<b>553</b> (7.9)	<b>27.9</b> (3.6)	<b>1.8</b> (0.24)	8.9 (2.20)								
<b>Belgium</b>																
Flemish community*	6.10	<b>517</b> (5.4)	532 (4.7)	543 (4.9)	<b>556</b> (5.3)	<b>14.5</b> (2.7)	<b>1.4</b> (0.11)	2.1 (0.71)								
French community	7.03	<b>464</b> (5.0)	491 (5.6)	521 (6.5)	<b>554</b> (6.2)	<b>31.9</b> (2.3)	<b>2.0</b> (0.16)	11.8 (1.59)								
German-speaking community	5.86	<b>469</b> (5.2)	490 (5.7)	510 (6.0)	<b>538</b> (7.0)	<b>27.1</b> (2.8)	<b>1.7</b> (0.20)	8.7 (1.67)								
<b>Canada</b>																
Alberta	3.57	<b>497</b> (7.3)	510 (7.1)	536 (7.8)	<b>541</b> (7.9)	<b>16.9</b> (4.2)	<b>1.6</b> (0.23)	3.5 (1.70)								
British Columbia	8.87	<b>502</b> (7.6)	528 (6.7)	530 (6.0)	<b>540</b> (7.4)	<b>14.1</b> (2.7)	<b>1.6</b> (0.18)	2.5 (1.01)								
Manitoba	5.42	<b>468</b> (6.0)	485 (5.8)	504 (5.9)	<b>525</b> (8.2)	<b>22.6</b> (3.7)	<b>1.5</b> (0.22)	5.9 (1.85)								
New Brunswick	3.18	<b>482</b> (6.9)	498 (7.5)	517 (8.4)	<b>523</b> (7.6)	<b>17.2</b> (3.7)	<b>1.7</b> (0.32)	4.0 (1.62)								
Newfoundland and Labrador	4.88	483 (11.0)	495 (8.6)	506 (7.4)	491 (7.0)	2.2 (3.9)	1.3 (0.23)	0.1 (0.35)								
Nova Scotia	7.08	<b>461</b> (13.2)	500 (6.0)	510 (8.3)	<b>533</b> (6.2)	<b>22.4</b> (4.4)	<b>2.3</b> (0.63)	8.8 (3.15)								
Ontario	3.79	<b>493</b> (5.7)	508 (7.5)	520 (7.2)	<b>541</b> (5.9)	<b>18.6</b> (2.3)	<b>1.6</b> (0.14)	4.2 (0.99)								
Prince Edward Island	9.34	<b>457</b> (6.2)	481 (8.0)	494 (6.2)	<b>500</b> (5.6)	<b>17.5</b> (2.9)	<b>1.7</b> (0.23)	4.4 (1.41)								
Quebec	6.56	<b>513</b> (5.0)	530 (5.5)	551 (6.2)	<b>563</b> (6.0)	<b>18.8</b> (2.6)	<b>1.6</b> (0.19)	4.3 (1.15)								
Saskatchewan	5.39	<b>493</b> (5.1)	509 (6.9)	520 (7.3)	<b>518</b> (7.2)	<b>11.1</b> (3.0)	1.3 (0.17)	1.6 (0.88)								
<b>Italy</b>																
Abruzzo	2.54	<b>444</b> (9.3)	472 (7.9)	485 (10.7)	<b>514</b> (10.6)	<b>25.2</b> (4.1)	<b>1.7</b> (0.25)	7.4 (2.15)								
Basilicata	8.57	<b>452</b> (8.2)	451 (7.8)	472 (7.0)	<b>490</b> (7.0)	<b>15.4</b> (3.0)	1.3 (0.21)	3.4 (1.26)								
Bolzano	3.55	<b>484</b> (5.1)	496 (5.4)	516 (6.2)	<b>537</b> (5.2)	<b>20.9</b> (2.5)	<b>1.6</b> (0.21)	5.8 (1.28)								
Calabria	6.10	<b>402</b> (9.0)	423 (7.9)	446 (10.7)	<b>458</b> (7.4)	<b>20.5</b> (4.0)	<b>2.0</b> (0.31)	5.4 (1.96)								
Campania	2.54	<b>430</b> (8.4)	453 (11.2)	462 (9.5)	<b>471</b> (13.6)	<b>15.1</b> (3.8)	<b>1.5</b> (0.26)	2.8 (1.40)								
Emilia Romagna	4.75	<b>483</b> (8.5)	486 (11.4)	509 (10.6)	<b>532</b> (8.2)	<b>18.6</b> (3.6)	1.2 (0.18)	3.7 (1.21)								
Friuli Venezia Giulia	6.95	<b>496</b> (6.7)	512 (9.2)	528 (7.8)	<b>555</b> (8.0)	<b>20.4</b> (2.9)	<b>1.6</b> (0.22)	5.5 (1.48)								
Lazio	8.22	<b>450</b> (9.7)	453 (9.0)	490 (10.4)	<b>513</b> (7.1)	<b>24.9</b> (3.3)	<b>1.8</b> (0.25)	7.2 (1.79)								
Liguria	6.94	<b>472</b> (9.3)	476 (9.2)	503 (8.3)	<b>506</b> (9.7)	<b>11.8</b> (4.9)	1.4 (0.22)	1.7 (1.35)								
Lombardia	3.18	<b>483</b> (10.6)	507 (10.5)	527 (11.4)	<b>553</b> (10.4)	<b>26.6</b> (3.8)	<b>2.1</b> (0.42)	10.2 (2.66)								
Marche	4.43	<b>472</b> (7.4)	481 (8.9)	508 (10.0)	<b>522</b> (7.3)	<b>19.2</b> (3.2)	<b>1.5</b> (0.21)	4.8 (1.40)								
Molise	5.39	<b>445</b> (7.0)	462 (7.2)	480 (8.8)	<b>480</b> (7.8)	<b>14.3</b> (3.7)	<b>1.8</b> (0.29)	2.7 (1.37)								
Piemonte	3.68	<b>467</b> (9.0)	495 (9.3)	509 (12.6)	<b>526</b> (8.2)	<b>20.8</b> (2.9)	<b>1.8</b> (0.20)	5.8 (1.68)								
Puglia	4.81	<b>457</b> (9.8)	470 (8.1)	491 (8.5)	<b>501</b> (8.2)	<b>16.4</b> (4.0)	<b>1.5</b> (0.20)	3.1 (1.40)								
Sardegna	6.80	<b>447</b> (10.1)	443 (12.3)	460 (9.2)	<b>485</b> (7.0)	<b>14.6</b> (4.5)	1.3 (0.22)	2.8 (1.77)								
Sicilia	7.82	<b>434</b> (7.9)	439 (7.5)	458 (7.6)	<b>468</b> (9.5)	<b>12.3</b> (3.8)	1.4 (0.20)	2.1 (1.24)								
Toscana	10.27	<b>479</b> (8.3)	491 (8.4)	505 (7.8)	<b>531</b> (8.5)	<b>19.2</b> (4.8)	1.4 (0.25)	4.1 (2.01)								
Trento	3.55	<b>501</b> (6.2)	506 (7.5)	545 (8.5)	<b>545</b> (7.1)	<b>17.9</b> (3.0)	<b>1.4</b> (0.18)	4.8 (1.52)								
Umbria	5.68	<b>474</b> (7.0)	495 (8.7)	496 (11.1)	<b>513</b> (11.2)	<b>13.4</b> (5.1)	1.4 (0.25)	2.2 (1.74)								
Valle d'Aosta	6.97	<b>476</b> (8.0)	487 (7.1)	488 (8.7)	<b>529</b> (7.8)	<b>19.1</b> (3.7)	1.4 (0.35)	5.5 (2.15)								
Veneto	8.35	<b>500</b> (9.4)	516 (12.8)	539 (12.8)	<b>547</b> (8.5)	<b>19.3</b> (4.9)	<b>1.5</b> (0.23)	4.4 (2.05)								
<b>Mexico</b>																
Aguascalientes	5.58	<b>428</b> (7.2)	433 (7.4)	446 (9.9)	<b>453</b> (10.6)	<b>12.1</b> (4.0)	1.1 (0.20)	2.1 (1.37)								
Baja California	3.80	<b>411</b> (9.4)	412 (8.5)	414 (8.4)	<b>424</b> (7.5)	5.2 (4.0)	1.1 (0.21)	0.5 (0.74)								
Baja California Sur	4.88	<b>397</b> (10.9)	414 (7.4)	413 (8.6)	<b>431</b> (7.2)	<b>14.6</b> (3.3)	1.5 (0.32)	3.7 (1.66)								
Campeche	9.02	<b>379</b> (7.1)	387 (7.9)	398 (7.9)	<b>418</b> (6.9)	<b>15.1</b> (3.2)	1.5 (0.27)	4.1 (1.72)								
Chiapas	6.05	<b>346</b> (10.9)	375 (10.1)	388 (8.6)	<b>388</b> (8.9)	<b>18.5</b> (3.6)	<b>1.9</b> (0.33)	4.8 (1.92)								
Chihuahua	9.11	<b>417</b> (15.0)	426 (12.1)	432 (8.1)	<b>448</b> (9.9)	11.7 (6.2)	1.2 (0.27)	2.1 (2.22)								
Coahuila	8.33	<b>408</b> (9.8)	421 (12.0)	411 (10.4)	<b>434</b> (12.7)	<b>9.2</b> (3.8)	1.3 (0.30)	1.3 (1.03)								
Colima	6.06	416 (15.1)	422 (10.1)	439 (6.6)	447 (6.8)	11.6 (7.1)	1.7 (0.39)	2.0 (2.43)								
Distrito Federal	6.49	422 (8.1)	429 (8.2)	431 (8.1)	433 (7.1)	3.2 (3.9)	1.2 (0.25)	0.2 (0.60)								
Durango	3.87	<b>402</b> (10.8)	423 (6.8)	430 (13.1)	<b>456</b> (7.7)	<b>19.3</b> (3.9)	<b>2.0</b> (0.34)	6.2 (2.29)								
Guanajuato	8.69	<b>397</b> (11.1)	408 (8.9)	426 (8.8)	<b>422</b> (8.1)	<b>12.2</b> (4.7)	<b>1.6</b> (0.31)	2.3 (1.68)								
Guerrero	6.05	<b>351</b> (6.9)	372 (6.1)	374 (8.3)	<b>380</b> (6.1)	<b>11.8</b> (3.9)	<b>1.7</b> (0.33)	2.4 (1.48)								
Hidalgo	6.22	<b>391</b> (10.3)	402 (7.7)	407 (9.9)	<b>425</b> (10.3)	<b>16.8</b> (5.3)	<b>1.6</b> (0.29)	4.2 (2.53)								
Jalisco	6.73	<b>424</b> (10.2)	438 (14.8)	435 (7.2)	<b>454</b> (8.3)	<b>12.1</b> (4.3)	1.5 (0.32)	2.3 (1.56)								
Mexico	4.11	<b>401</b> (7.9)	417 (7.6)	418 (7.1)	<b>429</b> (7.3)	<b>14.3</b> (3.4)	1.4 (0.24)	3.5 (1.65)								
Morelos	8.35	415 (18.3)	425 (10.1)	427 (10.2)	420 (5.7)	4.7 (6.8)	1.5 (0.30)	0.3 (1.02)								
Nayarit	4.31	<b>395</b> (10.1)	408 (10.2)	426 (10.1)	<b>438</b> (7.3)	<b>14.7</b> (3.8)	<b>1.6</b> (0.28)	3.6 (1.68)								
Nuevo León	7.22	<b>413</b> (13.8)	428 (9.9)	449 (9.7)	<b>460</b> (7.9)	<b>17.3</b> (4.6)	<b>1.8</b> (0.34)	5.3 (3.01)								
Puebla	5.68	411 (9.2)	412 (8.7)	417 (8.2)	431 (7.9)	8.5 (5.7)	1.2 (0.26)	1.0 (1.25)								
Querétaro	6.84	<b>422</b> (10.3)	434 (10.1)	439 (10.9)	<b>446</b> (8.6)	7.0 (3.9)	1.6 (0.40)	0.8 (0.95)								
Quintana Roo	4.75	<b>397</b> (6.3)	414 (8.8)	420 (8.5)	<b>421</b> (6.9)	<b>10.1</b> (4.0)	1.4 (0.27)	1.7 (1.25)								
San Luis Potosí	3.42	408 (11.5)	412 (11.8)	416 (10.6)	421 (8.5)	6.										

[Part 4/4]

## Index of disciplinary climate and mathematics performance, by region


Table B2.IV.24 Results based on students' self-reports

	School variability in the distribution of this index	Performance on the mathematics scale, by national quarters of this index								Change in the mathematics score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national mathematics performance distribution		Explained variance in student performance (r-squared x 100)		
		Bottom quarter		Second quarter		Third quarter		Top quarter		Score dif.	S.E.	Ratio	S.E.	%	S.E.	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.							
<b>OECD</b>	<b>Portugal</b>															
	Alentejo	6.53	469 (20.0)	488 (13.0)	491 (12.3)	508 (18.6)	<b>18.6</b> (9.3)	<b>1.8</b> (0.38)	3.8 (3.87)							
	<b>Spain</b>															
	Andalusia*	0.18	<b>455</b> (9.8)	463 (6.4)	481 (6.4)	<b>501</b> (8.5)	<b>14.5</b> (4.8)	<b>1.5</b> (0.27)	3.7 (2.40)							
	Aragon*	7.41	483 (9.2)	500 (8.7)	495 (9.7)	504 (8.0)	5.5 (5.0)	1.3 (0.26)	0.3 (0.64)							
	Asturias*	4.20	485 (8.1)	498 (9.4)	511 (10.5)	512 (9.7)	<b>11.0</b> (5.2)	1.4 (0.20)	1.4 (1.31)							
	Balearic Islands*	1.67	<b>459</b> (7.9)	465 (7.6)	480 (7.4)	<b>504</b> (7.1)	<b>15.2</b> (3.4)	<b>1.5</b> (0.23)	3.9 (1.71)							
	Basque Country*	10.29	<b>491</b> (4.1)	506 (4.2)	508 (4.8)	<b>522</b> (4.8)	<b>11.4</b> (2.5)	<b>1.4</b> (0.14)	1.5 (0.68)							
	Cantabria*	7.38	<b>474</b> (6.5)	479 (8.2)	501 (7.0)	<b>506</b> (7.3)	<b>11.9</b> (3.2)	<b>1.4</b> (0.19)	2.0 (1.05)							
	Castile and Leon*	11.44	<b>491</b> (8.6)	502 (8.1)	521 (6.8)	<b>523</b> (6.7)	<b>11.9</b> (3.7)	<b>1.5</b> (0.21)	2.1 (1.24)							
	Catalonia*	8.13	<b>479</b> (8.9)	490 (10.2)	498 (8.3)	<b>512</b> (6.8)	<b>11.6</b> (2.9)	1.5 (0.26)	2.0 (0.94)							
	Extremadura*	5.58	<b>432</b> (10.0)	462 (7.4)	480 (6.1)	<b>487</b> (6.9)	<b>20.8</b> (4.2)	<b>1.8</b> (0.27)	5.2 (2.10)							
	Galicia*	4.80	<b>481</b> (7.7)	493 (7.7)	488 (7.9)	<b>508</b> (6.6)	<b>7.5</b> (3.0)	1.3 (0.18)	0.9 (0.72)							
	La Rioja*	4.11	<b>473</b> (7.3)	496 (8.3)	504 (6.5)	<b>538</b> (7.0)	<b>22.6</b> (3.4)	<b>1.7</b> (0.22)	5.4 (1.58)							
	Madrid*	3.57	<b>478</b> (7.2)	495 (9.1)	510 (8.1)	<b>530</b> (5.9)	<b>19.1</b> (3.2)	<b>1.7</b> (0.28)	4.6 (1.53)							
	Murcia*	7.38	<b>451</b> (7.5)	453 (8.4)	458 (9.4)	<b>485</b> (6.4)	<b>11.8</b> (3.6)	1.2 (0.18)	1.8 (1.10)							
	Navarre*	5.86	<b>493</b> (5.4)	508 (6.0)	523 (6.8)	<b>540</b> (7.0)	<b>19.1</b> (3.3)	<b>1.4</b> (0.17)	5.4 (1.85)							
	<b>United Kingdom</b>															
	England	6.62	<b>467</b> (5.1)	487 (5.0)	515 (5.6)	<b>527</b> (6.2)	<b>22.8</b> (2.3)	<b>1.8</b> (0.16)	6.6 (1.27)							
	Northern Ireland	4.20	<b>451</b> (7.1)	471 (5.9)	509 (6.3)	<b>524</b> (5.1)	<b>28.5</b> (2.9)	<b>2.0</b> (0.22)	10.6 (2.01)							
	Scotland*	4.43	<b>463</b> (5.1)	491 (5.9)	515 (4.6)	<b>533</b> (4.6)	<b>25.0</b> (2.1)	<b>2.0</b> (0.21)	10.0 (1.59)							
	Wales	1.61	<b>440</b> (4.1)	463 (4.7)	479 (4.2)	<b>500</b> (3.8)	<b>20.4</b> (2.0)	<b>1.9</b> (0.15)	6.7 (1.26)							
	<b>United States</b>															
	Connecticut*	6.84	<b>466</b> (8.8)	482 (8.3)	524 (9.9)	<b>542</b> (7.7)	<b>31.4</b> (3.5)	<b>1.9</b> (0.22)	10.5 (1.82)							
	Florida*	7.37	<b>431</b> (6.3)	460 (8.3)	476 (9.6)	<b>492</b> (8.3)	<b>20.7</b> (3.3)	<b>1.9</b> (0.24)	6.6 (1.93)							
	Massachusetts*	6.80	<b>465</b> (7.4)	509 (10.3)	540 (9.5)	<b>545</b> (7.3)	<b>29.6</b> (2.9)	<b>2.4</b> (0.29)	10.1 (1.86)							
<b>Partners</b>	<b>Argentina</b>															
	Ciudad Autónoma de Buenos Aires*	6.49	<b>406</b> (12.3)	415 (8.6)	420 (10.3)	<b>440</b> (10.3)	12.6 (6.6)	1.2 (0.24)	1.6 (1.59)							
	<b>Brazil</b>															
	Acre	3.79	360 (8.9)	360 (9.7)	352 (9.2)	379 (9.4)	7.1 (4.7)	1.2 (0.20)	1.1 (1.40)							
	Alagoas	4.31	<b>331</b> (9.6)	330 (10.7)	347 (9.7)	<b>365</b> (12.9)	<b>14.6</b> (6.1)	1.4 (0.35)	3.7 (3.02)							
	Amapá	6.94	<b>341</b> (13.6)	363 (11.1)	380 (11.6)	<b>376</b> (13.4)	<b>15.7</b> (5.7)	<b>1.9</b> (0.44)	4.0 (2.71)							
	Amazonas	3.42	347 (10.7)	352 (7.7)	368 (6.7)	367 (13.3)	8.6 (5.3)	1.5 (0.31)	1.5 (1.57)							
	Bahia	7.37	366 (20.7)	399 (21.9)	373 (17.0)	392 (20.4)	11.4 (9.8)	1.3 (0.44)	1.4 (2.23)							
	Ceará	7.08	<b>345</b> (11.8)	374 (11.1)	394 (16.4)	<b>401</b> (13.2)	<b>19.0</b> (5.6)	<b>2.0</b> (0.49)	6.0 (2.88)							
	Espírito Santo	6.84	387 (19.5)	398 (12.8)	437 (20.5)	433 (16.4)	19.8 (10.9)	1.7 (0.56)	4.9 (5.14)							
	Federal District	2.54	404 (20.2)	404 (13.6)	432 (16.8)	428 (11.7)	12.6 (8.3)	1.7 (0.50)	1.9 (3.19)							
	Goias	4.70	<b>367</b> (11.0)	374 (9.6)	390 (11.1)	<b>395</b> (11.5)	<b>13.4</b> (3.7)	1.3 (0.39)	2.7 (1.64)							
	Maranhão	7.77	<b>335</b> (15.5)	336 (17.5)	341 (16.6)	<b>368</b> (13.3)	<b>12.2</b> (4.8)	1.2 (0.28)	1.7 (1.35)							
	Mato Grosso	10.25	<b>353</b> (12.7)	381 (17.0)	375 (9.1)	<b>391</b> (16.3)	<b>13.5</b> (5.4)	<b>1.9</b> (0.37)	3.2 (2.16)							
	Mato Grosso do Sul	8.33	<b>386</b> (9.5)	392 (11.4)	425 (11.6)	<b>434</b> (12.1)	<b>18.9</b> (4.6)	1.5 (0.27)	6.0 (2.41)							
	Minas Gerais	4.80	395 (11.2)	402 (8.5)	409 (9.0)	410 (8.8)	5.8 (5.0)	1.2 (0.20)	0.6 (0.97)							
	Pará	1.61	352 (13.4)	365 (9.3)	360 (10.0)	378 (20.8)	9.5 (11.9)	1.4 (0.29)	1.9 (4.96)							
	Paraíba	7.41	385 (21.0)	412 (13.1)	408 (12.2)	396 (8.4)	6.4 (6.4)	1.7 (0.40)	0.5 (0.98)							
	Paraná	8.13	392 (11.7)	406 (16.8)	398 (12.8)	410 (14.4)	4.1 (4.2)	1.2 (0.23)	0.2 (0.42)							
	Pernambuco	1.98	<b>354</b> (14.2)	361 (10.5)	366 (12.0)	<b>384</b> (13.1)	<b>13.0</b> (3.4)	1.4 (0.43)	3.5 (1.86)							
	Piauí	8.22	<b>369</b> (11.6)	375 (10.0)	396 (7.2)	<b>399</b> (11.4)	<b>15.4</b> (6.3)	1.5 (0.36)	2.8 (2.04)							
	Rio de Janeiro	6.73	386 (12.4)	394 (10.4)	396 (9.8)	380 (7.8)	-1.3 (4.1)	1.2 (0.30)	0.1 (0.35)							
	Rio Grande do Norte	7.03	367 (9.1)	369 (9.5)	379 (12.7)	413 (30.0)	17.2 (10.0)	1.3 (0.40)	4.6 (4.79)							
	Rio Grande do Sul	11.44	396 (13.4)	409 (8.6)	409 (11.7)	414 (7.5)	7.6 (6.8)	1.4 (0.37)	1.0 (1.65)							
	Rondônia	6.06	<b>369</b> (8.4)	379 (9.4)	393 (11.8)	<b>402</b> (8.3)	<b>12.9</b> (3.7)	1.6 (0.33)	3.5 (1.88)							
	Roraima	0.18	<b>343</b> (8.0)	350 (7.4)	368 (12.4)	<b>395</b> (11.8)	<b>19.9</b> (5.0)	1.4 (0.30)	6.4 (3.08)							
	Santa Catarina	5.05	<b>389</b> (12.6)	428 (17.6)	420 (14.4)	<b>440</b> (12.1)	<b>19.1</b> (4.0)	<b>2.2</b> (0.56)	4.6 (2.10)							
	São Paulo	6.56	<b>380</b> (5.8)	402 (8.1)	410 (8.0)	<b>422</b> (7.4)	<b>15.7</b> (3.3)	<b>1.7</b> (0.23)	3.8 (1.63)							
	Sergipe	4.70	<b>374</b> (11.2)	364 (11.4)	387 (13.9)	<b>407</b> (14.7)	<b>19.6</b> (6.1)	1.5 (0.38)	5.7 (2.71)							
	Tocantins	2.54	<b>350</b> (8.6)	355 (10.5)	373 (11.5)	<b>394</b> (14.3)	<b>17.3</b> (3.9)	1.6 (0.39)	3.8 (1.60)							
	<b>Colombia</b>															
	Bogota	6.53	<b>382</b> (6.8)	396 (6.0)	395 (5.2)	<b>404</b> (5.5)	<b>8.8</b> (3.5)	<b>1.5</b> (0.27)	1.3 (1.10)							
	Cali	7.22	<b>372</b> (8.2)	380 (7.6)	386 (9.4)	<b>400</b> (7.4)	<b>14.6</b> (3.9)	<b>1.5</b> (0.25)	3.1 (1.71)							
	Manizales	9.11	399 (6.7)	401 (9.1)	407 (9.6)	420 (8.9)	<b>10.1</b> (4.9)	1.2 (0.29)	1.4 (1.24)							
	Medellin	6.95	<b>374</b> (7.7)	386 (8.0)	400 (11.0)	<b>428</b> (14.6)	<b>22.2</b> (6.4)	<b>1.6</b> (0.28)	5.3 (2.64)							
	<b>Russian Federation</b>															
	Perm Territory region*	1.98	<b>456</b> (8.6)	480 (8.9)	496 (7.3)	<b>507</b> (7.1)	<b>20.0</b> (2.5)	<b>1.7</b> (0.22)	5.2 (1.32)							
	<b>United Arab Emirates</b>															
	Abu Dhabi*	10.27	<b>392</b> (4.9)	413 (6.5)	441 (5.4)	<b>448</b> (7.3)	<b>20.2</b> (2.7)	<b>1.7</b> (0.17)	6.5 (1.54)							
	Ajman	7.77	390 (13.1)	403 (11.3)	417 (10.0)	406 (8.9)	6.0 (3.6)	1.3 (0.31)	0.6 (0.75)							
	Dubai*	3.80	<b>434</b> (4.1)	461 (4.5)	479 (4.7)	<b>489</b> (3.9)	<b>19.9</b> (2.1)	<b>1.8</b> (0.16)	4.6 (0.94)							
	Fujairah	8.87	<b>386</b> (17.9)	410 (10.7)	423 (12.0)	<b>428</b> (11.6)	<b>16.5</b> (4.5)	2.1 (0.59)	4.9 (2.80)							
	Ras Al Khaimah	6.97	<b>386</b> (10.1)	397 (13.5)	428 (10.6)	<b>449</b> (12.8)	<b>22.9</b> (5.1)	1.7 (0.44)	10.1 (4.06)							
	Sharjah	1.67	414 (13.2)	445 (10.5)	450 (15.9)	450 (15.5)	13.9 (7.3)	1.6 (0.39)	2.9 (3.20)							
	Umm Al Quwain	9.34	<b>369</b> (10.5)	391 (12.3)	410 (13.7)	<b>430</b> (12.8)	<b>22.4</b> (5.4)	1.7 (0.56)	8.5 (3.57)							

\* PISA adjudicated region.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

See Table IV.5.6 for national data.

StatLink  <http://dx.doi.org/10.1787/888932957536>



## ANNEX B3

### LIST OF TABLES AVAILABLE ON LINE

The following tables are available in electronic form only.

#### Chapter 1 How resources, policies and practices are related to education outcomes

<http://dx.doi.org/10.1787/888932957384>

WEB	Table IV.1.7a	Variation in mathematics performance and variation explained by selecting and grouping students
WEB	Table IV.1.7b	Relationship between selecting and grouping students and mathematics performance
WEB	Table IV.1.7c	Relationship among selecting and grouping students, mathematics performance, and student and school characteristics
WEB	Table IV.1.8a	Variation in mathematics performance and variation explained by resources invested in education
WEB	Table IV.1.8b	Relationship between resources invested in education and mathematics performance
WEB	Table IV.1.8c	Relationship among resources invested in education, mathematics performance, and student and school characteristics
WEB	Table IV.1.9a	Variation in mathematics performance and variation explained by school governance
WEB	Table IV.1.9b	Relationship between school governance and mathematics performance
WEB	Table IV.1.9c	Relationship among school governance, mathematics performance, and student and school characteristics
WEB	Table IV.1.10a	Variation in mathematics performance and variation explained by assessment and accountability policies
WEB	Table IV.1.10b	Relationship between assessment and accountability policies and mathematics performance
WEB	Table IV.1.10c	Relationship among assessment and accountability policies, mathematics performance, and student and school characteristics
WEB	Table IV.1.11a	Variation in mathematics performance and variation explained by the learning environment
WEB	Table IV.1.11b	Relationship between the learning environment and mathematics performance
WEB	Table IV.1.11c	Relationship among the learning environment, mathematics performance, and student and school characteristics
WEB	Table IV.1.19	Correlations among selected system-level characteristics, OECD countries
WEB	Table IV.1.20	Correlations among selected system-level characteristics, all countries and economies that participated in PISA 2012
WEB	Table IV.1.30	Change between 2003 and 2012 in mathematics performance and monitoring mathematics teachers' practice
WEB	Table IV.1.31	Mathematics performance and school admittance policies

#### Chapter 2 Selecting and grouping students

<http://dx.doi.org/10.1787/888932957441>

WEB	Table IV.2.12	Correlation between stratification indicators
WEB	Table IV.2.13	Correlation between stratification and variation in socio-economic status and mathematics performance
WEB	Table IV.2.15	Correlation between stratification and students' motivation, after accounting for mathematics performance

#### Chapter 3 Resources invested in education [Part 1/2]

<http://dx.doi.org/10.1787/888932957460>

WEB	Table IV.3.7	Socio-economically advantaged, average and disadvantaged schools
WEB	Table IV.3.23	Class size of language-of-instruction lessons
WEB	Table IV.3.24	Class size of language-of-instruction lessons, by school features
WEB	Table IV.3.26	Percentage of students not attending after-school lessons, by school features
WEB	Table IV.3.28	Hours of after-school study time per week, by school features

#### Chapter 3 Resources invested in education [Part 2/2]

<http://dx.doi.org/10.1787/888932957479>

WEB	Table IV.3.36	Change between 2003 and 2012 in student-teacher ratio, by school features
WEB	Table IV.3.38(1)	Change between 2003 and 2012 in teacher shortage, by school features (1/2)
WEB	Table IV.3.38(2)	Change between 2003 and 2012 in teacher shortage, by school features (2/2)
WEB	Table IV.3.39	Change between 2003 and 2012 in index of teacher shortage, by school features
WEB	Table IV.3.41(1)	Change between 2003 and 2012 in the quality of physical infrastructure, by school features (1/2)
WEB	Table IV.3.41(2)	Change between 2003 and 2012 in the quality of physical infrastructure, by school features (2/2)
WEB	Table IV.3.42	Change between 2003 and 2012 in index of quality of physical infrastructure, by school features
WEB	Table IV.3.44(1)	Change between 2003 and 2012 in the quality of schools' educational resources, by school features (1/3)
WEB	Table IV.3.44(2)	Change between 2003 and 2012 in the quality of schools' educational resources, by school features (2/3)
WEB	Table IV.3.44(3)	Change between 2003 and 2012 in the quality of schools' educational resources, by school features (3/3)
WEB	Table IV.3.45	Change between 2003 and 2012 in index of quality of schools' educational resources, by school features
WEB	Table IV.3.47(1)	Change between 2003 and 2012 in students' learning time in school, by school features (1/2)
WEB	Table IV.3.47(2)	Change between 2003 and 2012 in students' learning time in school, by school features (2/2)
WEB	Table IV.3.49	Change between 2003 and 2012 in hours of after-school study time per week, by school features

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**Chapter 4** School governance, assessments and accountability

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<http://dx.doi.org/10.1787/888932957498>

WEB	Table IV.4.13	Index of school management: Framing and communicating the school's goals and curricular development and mathematics performance
WEB	Table IV.4.14	Index of school management: Instructional leadership and mathematics performance
WEB	Table IV.4.15	Index of school management: Promoting instructional improvements and professional development and mathematics performance
WEB	Table IV.4.28	Other factors, criteria or special circumstances used by tertiary institutions to determine admission
WEB	Table IV.4.29	Alternative routes that can be used to gain access to the first stage of tertiary education

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**Annex B2** Results for regions within countries

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<http://dx.doi.org/10.1787/888932957536>

WEB	Table B2.IV.13	Index of extracurricular mathematics activities at school and mathematics performance, by region
WEB	Table B2.IV.15	Index of school responsibility for resource allocation and mathematics performance, by region
WEB	Table B2.IV.19	Parental involvement, by region
WEB	Table B2.IV.20	Assessment practices, by region
WEB	Table B2.IV.23	Index of teacher-student relations and mathematics performance, by region
WEB	Table B2.IV.25	Index of teacher-related factors affecting school climate and mathematics performance, by region
WEB	Table B2.IV.26	Index of student-related factors affecting school climate and mathematics performance, by region

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These tables, as well as additional material, may be found at: [www.pisa.oecd.org](http://www.pisa.oecd.org).