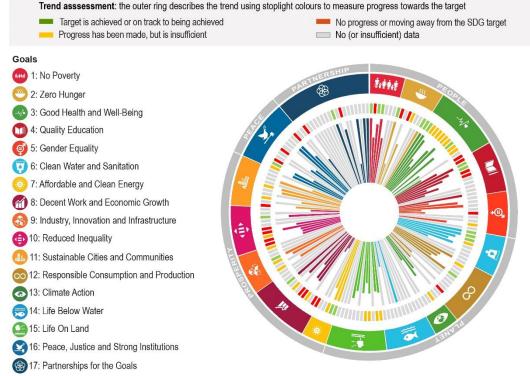
# **Measuring distance to the SDG targets – Austria**

Austria has already achieved 23 of the 128 SDG targets for which comparable data are available and, based on most recent trends, it is expected to meet 8 additional targets by 2030 (Figure 1). As virtually all OECD countries, Austria has already met (or is close to meeting) most targets related to securing basic needs and implementing the policy tools and frameworks mentioned in the 2030 Agenda (see details in Table 1). In addition, Austria outperforms other OECD countries on many other targets. Austria's main strengths are within the "Prosperity" category, as well as in Goal 6 on clean water and the "Peace" (Goal 16) and "Partnerships" (Goal 17) categories. Yet, challenges remain. For instance, unhealthy lifestyles represent direct threats to health outcomes, while greater efforts would be needed to achieve gender equality (Goals 3 and 5).

This country profile provides a high-level overview of some of Austria's strengths and challenges in performance across the SDG Targets. As such, it differs from Voluntary National Reviews (VNRs) or other reporting processes. To ensure international comparability, this assessment builds on the global indicator framework and relies on data sourced from the *SDG Global Database* and the OECD. VNRs typically use national indicators that reflect national circumstances and are more up-to-date (See section How to read this country profile that provides some methodological details on country profiles).

## Figure 1. Austria's distance from achieving SDG targets included in this report

Current level: bars shows current level of achievement on each available target. The longer the bar, the shorter the distance still to be travelled to reach the 2030 target. Colors refers to the Goals.



Source: All data is taken and adapted from UNDESA (2021), SDG Global Database, <u>https://unstats.un.org/sdgs/unsdg</u> and OECD (2021), OECD.Stat, <u>https://stats.oecd.org/</u> (accessed on 29 October 2021).

# **Main strengths**

**Material standards of living are high in Austria.** Unemployment is low and hourly earnings of employees are above the OECD average (Target 8.5) while participation in lifelong learning (Target 4.3) is among the highest in the OECD, at 60% in 2016. Thanks to a well-developed tax and transfer system (Target 10.4), Austria has long been among the OECD countries with the lowest income inequalities. Yet, redistribution has weakened more recently in a context of growing inequalities in market incomes (Target 10.1).

**Austria reports many others strength in the "Prosperity category".** Both the size of R&D expenditure in GDP (3% in 2020) and researcher density are above the OECD averages (Target 9.5). Austria also outperforms other OECD countries on clean energy: renewables account for 77% of its total electricity generation, above the benchmark level for Target 7.2, while high recycling and recovery of municipal waste enabled Austria to be among the top performing countries on Targets 11.6 and 12.5. Austria is also close to meet Target 9.4 on environmental impact of industry. CO<sub>2</sub> emissions from manufacturing are also relatively low and have been decreasing, though at a pace insufficient to meet the 2030 target).

**Austria is also performing well in the "Peace" category**. Austria is at a small distance from reaching Target 16.1 on violence and related deaths, and Target 16.2 on human trafficking. While Austria is still far from meeting Target 16.6 on accountable institutions, it is well ahead the OECD average with almost 80% of Austrians reporting high confidence in the judicial system.

## Main challenges

Although health status remains high, behavioural risk factors are a challenge to people's health. Non-medical determinants of health such as poor diets, smoking and alcohol consumption are major drivers of morbidity and mortality. Adult smoking rate (Target 3.a) is among the highest in the OECD area and Austria is one of the few countries where it did not decline over the past two decades. Around one fifth of the population is obese (Target 2.2) and alcohol intake (Target 3.5) is well above the OECD average. In addition, despite improving, immunisation coverage (Target 3.b) remains below WHO recommendations.

**Improving gender equality requires further efforts.** Austria still lacks a comprehensive legal framework to end discrimination against women (Target 5.1), except in the area of employment and economic benefits. Women remain underrepresented in decision-making positions in both the political and economic sphere (Target 5.5). On average, Austrian women spend longer time in unpaid care and domestic work than men (Target 5.4 in 2009). In addition, socio-economic parity indices highlight large gender disparities in education (Target 4.5).

There is still room for improvement in environmental sustainability, especially in terms of protecting biodiversity and ecosystems. While Austria has already met the part of Target 15.1 on protected areas, a significant share of "key biodiversity areas" remains unprotected (Target 15.1) and a large proportion of forest area is not under a long-term management plan nor within legally established protected areas (Target 15.2). In addition, available data suggest that lake water quality remains low (Targets 6.6). Overall, more than 90% of local breeds with a known extinction status is classified as at risk (Target 2.5). Still, Austria is one of the very few OECD countries to have experienced over the past decade (small) improvements in the IUCN Red List of threatened species (Target 15.5).

## **Statistical gaps**

Like in many other OECD countries, data availability remains a challenge when measuring distances to targets (see the Overview chapter for details). For Austria, available data on the level of the different indicators allow covering 128 of the 169 targets. As shown in Figure 2 below, indicator coverage

is uneven across the 17 Goals. While nine Goals have most of their targets covered (the indicator coverage exceeds 80%), coverage is lower for Goal 11 on cities (60%) and Goal 14 on life below water (30%) – Austria is a landlocked country and some Goal 14 Targets may not apply. Data gaps are starker when focusing on performance indicators, i.e. excluding those providing contextual information. In this case, coverage exceeds 80% only for Goal 3 on health and Goal 4 on education. For seven Goals, mostly related to the Planet category (Goals 12, 13, 14 and 15) but also to gender inequality (Goal 5), cities (11), and partnerships (17), data are lacking to monitor progress over time for more than two in three targets (or even for all as in the case of Goal 14).

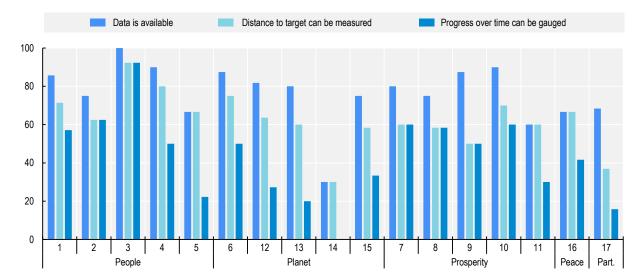


Figure 2. Austria's share of the 2030 Agenda's targets covered by at least one indicator, by goal

Note: The figure represents Austria's share of targets covered by at least one indicator for each SDG. Numbers from 1 to 17 stand for the goals: 1 No poverty, 2 Zero hunger, 3 Good health and well-being, 4 Quality education, 5 Gender equality, 6 Clean water and sanitation, 7 Affordable and clean energy, 8 Decent work and economic growth, 9 Industry, innovation and infrastructure, 10 Reduced inequalities, 11 Sustainable cities and communities, 12 Responsible consumption and production, 13 Climate action, 14 Life below water, 15 Life on land, 16 Peace, justice and strong institutions and 17 Partnerships for the goals. These goals are grouped under five broad themes (the "5Ps"): People, Planet, Prosperity, Peace and Partnership. Beyond data availability, other statistical gaps such as timeliness or granularity also need to be considered. For instance, given the lag in available data, the effects of the pandemic on current distance and trajectories may not be reflected in the estimates. Source: All data is taken and adapted from UNDESA (2021), *SDG Global Database*, <a href="https://unstats.un.org/sdgs/unsdg">https://unstats.un.org/sdgs/unsdg</a> and OECD (2021), *OECD.Stat*, <a href="https://stats.oecd.org/">https://stats.oecd.org/</a> (accessed on 29 October 2021).

## **Detailed information**

While some SDG Targets are, on average, close to being met, performance is very uneven across the 17 Goals of the 2030 Agenda for Sustainable Development. Table 1 presents an overview of Austria's progress towards targets based on available data for each of the 17 Goals. It shows that distances to Targets and trends over time differ significantly even when considering a specific goal.

Goal	Target	Short Label	Distance to Target (s.u.)	Trend Assessment	OECD Average distance (s.u.)	OECD Trend Assessment
1	1.1	Extreme poverty	0.00	Target is achieved or on track to being achieved	0.00	Target is achieved or on track to being achieved
1	1.2	Poverty in all its dimensions	0.90	No progress or moving away from the SDG target	1.41	No progress or moving away from the SDG target
1	1.3	Social protection coverage	0.27	Target is achieved or on track to being achieved	0.80	No progress or moving away from the SDG target
1	1.4	Access to basic services	0.00	Target is achieved or on track to being achieved	0.00	Target is achieved or on track to being achieved
1	1.5	Resilience to shocks	0.88	n.a.	1.00	n.a.
2	2.1	Hunger	0.00	Target is achieved or on track to being achieved	0.28	No progress or moving away from the SDG target
2	2.2	Malnutrition	2.00	No progress or moving away from the SDG target	2.46	No progress or moving away from the SDG target
2	2.4	Sustainable production	0.96	No progress or moving away from the SDG target	1.34	No progress or moving away from the SDG target
2	2.5	Diversity of seeds and livestocks*	4.30	Progress has been made, but is insufficient to meet the target	3.59	No progress or moving away from the SDG target
2	2.c	Food prices anomalies	0.00	Target is achieved or on track to being achieved	0.00	Target is achieved or on track to being achieved
3	3.1	Maternal mortality	0.00	Target is achieved or on track to being achieved	0.00	Target is achieved or on track to being achieved
3	3.2	Death of newborns and children	0.00	Target is achieved or on track to being achieved	0.00	Target is achieved or on track to being achieved
3	3.3	Communicable diseases	0.18	Progress has been made, but is insufficient to meet the target	0.56	Progress has been made, but is insufficient to meet the target
3	3.4	Premature mortality	1.19	Progress has been made, but is insufficient to meet the target	1.26	Progress has been made, but is insufficient to meet the target
3	3.5	Prevention of Substance abuse	1.55	Progress has been made, but is insufficient to meet the target	0.63	Progress has been made, but is insufficient to meet the target
3	3.6	Road traffic accidents*	0.45	Progress has been made, but is insufficient to meet the target	0.78	Progress has been made, but is insufficient to meet the target
3	3.7	Access to sexual health-care	0.12	Progress has been made, but is insufficient to meet the target	0.58	Progress has been made, but is insufficient to meet the target
3	3.8	Health coverage	3.29	Progress has been made, but is insufficient to meet the target	1.79	Progress has been made, but is insufficient to meet the target
3	3.9	Deaths and illness from pollution	0.47	Target is achieved or on track to being achieved	0.55	No progress or moving away from the SDG target
3	3.a	Tobacco consumption	3.33	Progress has been made, but is insufficient to meet	2.65	Progress has been made but is insufficient to meet

## Table 1. Austria distances to targets and recent trend

MEASURING DISTANCE TO THE SDG TARGETS - AUSTRIA © OECD 2022

Goal	Target	Short Label	Distance to Target (s.u.)	Trend Assessment	OECD Average distance (s.u.)	OECD Trend Assessment
				the target		the target
3	3.b	Vaccination	1.53	Progress has been made, but is insufficient to meet the target	0.37	Target is achieved or or track to being achieved
3	3.d	Health emergency preparedness	1.56	No progress or moving away from the SDG target	1.19	Target is achieved or on track to being achieved
4	4.1	Primary and secondary education	0.79	No progress or moving away from the SDG target	1.17	No progress or moving away from the SDG target
4	4.2	Pre-primary education	0.00	Target is achieved or on track to being achieved	0.24	Target is achieved or on track to being achieved
4	4.3	Lifelong learning	0.30	Target is achieved or on track to being achieved	1.25	No progress or moving away from the SDG target
4	4.4	Skills for employment	0.69	No progress or moving away from the SDG target	1.23	No progress or moving away from the SDG target
4	4.5	Disparities in education	1.53	No progress or moving away from the SDG target	1.49	No progress or moving away from the SDG target
4	4.6	Adults' literacy and numeracy	0.98	n.a.	1.57	n.a.
4	4.7	Skills for sustainable development	1.68	n.a.	1.04	n.a.
4	4.c	Qualification of teachers	0.00	n.a.	0.60	n.a.
5	5.1	Discrimination against women	1.59	n.a.	1.32	n.a
5	5.2	Violence against women	0.25	n.a.	0.89	n.a
5	5.3	Harmful practices	0.00	n.a.	1.37	n.a
5	5.4	Unpaid care and domestic work	1.96	n.a.	1.79	n.a
5	5.5	Women's participation	1.79	No progress or moving away from the SDG target	1.89	Progress has been made, but is insufficient to meet the target
5	5.b	Women's empowerment	0.76	Progress has been made, but is insufficient to meet the target	0.53	Target is achieved or or track to being achieved
6	6.1	Access to drinking water	0.00	Target is achieved or on track to being achieved	0.15	Target is achieved or on track to being achieved
6	6.2	Waste water treatment	0.00	Target is achieved or on track to being achieved	0.35	Progress has been made but is insufficient to meet the target
6	6.3	Water quality	0.22	Target is achieved or on track to being achieved	0.68	Target is achieved or on track to being achieved
6	6.4	Water-use efficiency	0.53	Progress has been made, but is insufficient to meet the target	0.54	Progress has been made but is insufficient to meet the target
6	6.5	Water resources management	0.26	n.a.	0.98	n.a.
6	6.6	Water-related ecosystems*	1.58	n.a.	2.18	n.a
7	7.1	Access to energy	0.00	Target is achieved or on track to being achieved	0.00	Target is achieved or or track to being achieved
7	7.2	Clean energy	0.00	Target is achieved or on track to being achieved	0.62	Progress has been made but is insufficient to mee the targe
7	7.3	Energy efficiency	0.53	Progress has been made, but is insufficient to meet the target	0.98	Progress has been made but is insufficient to mee the targe
8	8.1	GDP growth	2.45	No progress or moving away from the SDG target	1.89	No progress or moving away from the SDG target
8	8.2	Productivity	2.22	No progress or moving	1.77	No progress or moving

Goal	Target	Short Label	Distance to Target (s.u.)	Trend Assessment	OECD Average distance (s.u.)	OECD Trend Assessment
				away from the SDG target		away from the SDG target
8	8.4	Material footprint	0.43	Progress has been made, but is insufficient to meet the target	0.82	Progress has been made but is insufficient to mee the targe
8	8.5	Employment	0.48	No progress or moving away from the SDG target	0.97	No progress or moving away from the SDG targe
8	8.6	NEET	1.18	No progress or moving away from the SDG target	1.69	No progress or moving away from the SDG targe
8	8.8	Labour rights	0.43	Progress has been made, but is insufficient to meet the target	0.80	Progress has been made but is insufficient to mee the targe
8	8.10	Financial institutions	0.00	Target is achieved or on track to being achieved	0.45	Target is achieved or or track to being achieved
9	9.2	Sustainable industry	0.59	Progress has been made, but is insufficient to meet the target	0.95	No progress or moving away from the SDG targe
9	9.4	Environmental impact	0.34	Progress has been made, but is insufficient to meet the target	0.87	Progress has been made but is insufficient to mee the targe
9	9.5	Research and development	0.04	Target is achieved or on track to being achieved	1.06	Progress has been made but is insufficient to mee the targe
9	9.c	ICT	0.62	Progress has been made, but is insufficient to meet the target	0.36	Progress has been made but is insufficient to mee the targe
10	10.1	Income distribution	1.14	No progress or moving away from the SDG target	1.23	No progress or moving away from the SDG targe
10	10.2	Social inclusion	1.16	No progress or moving away from the SDG target	1.54	No progress or moving away from the SDG targe
10	10.3	Inequalities of outcome	1.10	Progress has been made, but is insufficient to meet the target	1.27	Progress has been made but is insufficient to mee the targe
10	10.4	Redistribution	0.28	No progress or moving away from the SDG target	1.12	No progress or moving away from the SDG targe
10	10.5	Financial markets	0.94	No progress or moving away from the SDG target	0.90	No progress or moving away from the SDG targe
10	10.a	Tariff-lines	0.63	Target is achieved or on track to being achieved	0.93	Progress has been made but is insufficient to mee the targe
10	10.c	Remittances	1.66	n.a.	2.21	n.a
11	11.1	Housing	0.95	No progress or moving away from the SDG target	0.80	No progress or moving away from the SDG targe
11	11.3	Urbanization	1.19	Progress has been made, but is insufficient to meet the target	1.19	Progress has been made but is insufficient to mee the targe
11	11.5	Impact of disasters	0.21	n.a.	1.19	n.a
11	11.6	Environmental impact of cities	0.16	Progress has been made, but is insufficient to meet the target	0.49	Progress has been made but is insufficient to mee the targe
11	11.a	Urban policies	0.00	n.a.	0.23	n.a
11	11.b	Disaster Risk Reduction	1.55	n.a.	0.81	n.a
12	12.1	Sustainable cons. and prod.	0.00	n.a.	0.00	n.a
12	12.2	Efficient use of natural resources	0.56	Progress has been made, but is insufficient to meet the target	0.87	Progress has been made but is insufficient to mee the targe
12	12.3	Food waste	0.65	n.a.	1.36	n.a

Goal	Target	Short Label	Distance to Target (s.u.)	Trend Assessment	OECD Average distance (s.u.)	OECD Trend Assessment
12	12.4	Chemical and hazardous waste*	0.89	n.a.	1.02	n.a
12	12.5	Waste generation	0.00	Target is achieved or on track to being achieved	0.66	Progress has been made but is insufficient to mee the targe
12	12.8	Education for sustainability	1.68	n.a.	1.04	n.a
12	12.b	Tourism sustainability	1.57	No progress or moving away from the SDG target	1.87	No progress or moving away from the SDG targe
13	13.1	Resilience to climate events	1.07	n.a.	0.73	n.a
13	13.2	Greenhouse gas emissions	0.72	Progress has been made, but is insufficient to meet the target	1.15	Progress has been made but is insufficient to mee the targe
13	13.3	Education for sustainability	1.68	n.a.	1.04	n.a
14	14.1	Marine pollution**	3.48	n.a.	1.84	Progress has been made but is insufficient to mee the targe
14	14.6	Harmful subsidies to fisheries*	0.00	n.a.	0.36	n.a
14	14.b	Small-scale fisheries	1.80	n.a.	1.64	n.a
15	15.1	Ecosystem protection*	0.62	Progress has been made, but is insufficient to meet the target	0.74	Progress has been made but is insufficient to mee the targe
15	15.2	Sustainable use of forest*	0.69	Progress has been made, but is insufficient to meet the target	0.60	Target is achieved or o track to being achieve
15	15.4	Mountain ecosystems	0.60	Progress has been made, but is insufficient to meet the target	0.73	Progress has been made but is insufficient to mee the targe
15	15.5	Threatened species*	1.09	Progress has been made, but is insufficient to meet the target	1.20	No progress or movin away from the SDG targe
15	15.6	Benefits from genetic resources	0.61	n.a.	0.78	n.a
15	15.8	Invasive alien species*	0.67	n.a.	0.30	n.a
15	15.9	National and local planning*	0.32	n.a.	0.54	n.a
16	16.1	Violence and related deaths	0.46	Progress has been made, but is insufficient to meet the target	0.66	Progress has been made but is insufficient to mee the targe
16	16.2	Violence against children	0.48	Target is achieved or on track to being achieved	0.65	No progress or movin away from the SDG targe
16	16.3	Rule of law	1.41	No progress or moving away from the SDG target	2.33	No progress or movin away from the SDG targe
16	16.6	Accountable institutions	1.04	No progress or moving away from the SDG target	2.26	Progress has been made but is insufficient to mee the targe
16	16.7	Inclusive decision-making	1.24	n.a.	1.85	n.a
16	16.9	Legal identity for all	0.00	n.a.	0.00	n.a
16	16.10	Access to information	0.00	n.a.	0.00	n.a
16	16.a	National institutions	0.77	No progress or moving away from the SDG target	0.54	Target is achieved or o track to being achieve
17	17.2	Official Development Assistance	1.27	No progress or moving away from the SDG target	0.94	Progress has been made but is insufficient to mee the targe
17	17.10	Multilateral trading system	0.01	Target is achieved or on track to being achieved	0.45	Target is achieved or o track to being achieve
17	17.12	Market access for least	0.37	No progress or moving	0.72	No progress or moving

Goal	Target	Short Label	Distance to	Trend Assessment	OECD	OECD Trend
			Target (s.u.)		Average	Assessment
					distance (s.u.)	
		developed countries		away from the SDG target		away from the SDG target
17	17.15	National leadership to implement policies for poverty eradication	2.10	n.a.	2.32	n.a.
17	17.16	Global Partnership for Sustainable Development	0.00	n.a.	0.89	n.a.
17	17.18	Statistical capacity	0.00	n.a.	0.09	n.a.
17	17.19	Statistical capacity-building	0.00	n.a.	0.11	n.a.

Note: \* refers to targets with a 2020 deadline. \*\* refers to targets with a 2025 deadline. The OECD average is measured as the simple average across OECD countries with available data

Source: All data is taken and adapted from UNDESA (2021), SDG Global Database, <u>https://unstats.un.org/sdgs/unsdg</u> and OECD (2021), OECD.Stat, <u>https://stats.oecd.org/</u> (accessed on 29 October 2021).

## How to read this country profile

The OECD report *The Short and Winding Road to 2030: Measuring Distance to the SDG Targets* evaluates the distance that OECD countries need to travel to meet SDG targets for which data are currently available. It also looks at whether countries have been moving towards or away from these targets, and how likely they are to meet their commitments by 2030, based on an analysis of recent trends and the observed volatility in the different indicators.

As most authors and international organisations, this report adopts a rather simple geometric growth model for assessing the direction and pace of recent changes in the context of the SDGs. Yet, instead of making direct estimates of the value of the indicator by 2030, it models the likelihood of achieving a specific level using Monte Carlo simulations.

While the report provides an overview of where OECD countries, taken as a whole, currently stand, country profiles provide details of the performance and data availability of individual OECD countries.

#### How to read the OECD SDG Wheel?

Progress on SDGs requires a granular understanding of countries' strengths and weaknesses based on the consideration of the 169 targets of the 2030 Agenda. Figure 1 shows both **current achievements** (in the inner circle; the longer the bar, the smaller the distance remaining to be travelled) **as well as whether OECD countries are on track** (or are at least making progress) to meet their commitments by 2030 (in the outer circle).

The length of each bar shows current level of achievement on each target. As detailed in the Methodological Annex, countries' distance to target is measured as the "standardised difference" between a country's current position and the target end-value. For each indicator, the standardised measurement unit (s.u.) is the standard deviation observed among OECD countries in the reference year (i.e. the year closest to 2015). Therefore, the longer the bar, the shorter the distance still to be travelled to reach the target by 2030. The colours of the bars applied to the various targets refer to the goals they pertain to.

The outer ring shows how OECD countries are performing over time and how likely they are to meet the different targets by 2030 based on the observed trends of the various indicators. It uses stoplight colours to classify the progress towards the target:

 green is used to indicate those countries that (based on the change in the different indicators over a recent period) should meet the target in 2030 just by maintaining their current pace of progress (i.e. more than 75% of (randomised) projections meet the target);

- yellow for those countries whose current pace of progress is insufficient to meet the target by 2030 (i.e. less than 75% of randomised projections meet the target, while the correlation coefficient between the indicator and the year is high and statistically significant, implying that a significant trend could be detected); and
- red for those countries whose recent changes have been stagnating or moving them further away
  from the target (i.e. less than 75% of randomised projections meet the target and the correlation
  coefficient between the indicator and the year is low or statistically insignificant, implying that no
  statistical trend could be identified).

#### How to read the Strength and Challenges sections?

With the aim of helping its member countries in navigating the 2030 Agenda and in setting their own priorities for action, this report relies on a unique methodology for measuring the distance that OECD countries have to travel to achieve SDG targets. The identification of the main strengths and challenges proposed in this report relies on current performances only:

- A target is considered to be a strength when the distance to the target end-value is lower than 0.5 s.u. (i.e. the distance is deemed to be small) or when the country is closer to the target than the OECD average. For instance, while Korea's distance to Target 2.2 on malnutrition is 1.4 s.u. (i.e. classified as medium distance), the average OECD distance is 2.5 s.u. Therefore, Target 2.2 is categorised as being a strength for Korea.
- A target is considered to be a challenge when the distance to target is greater than 1.5 s.u. (i.e. distance is deemed to be long) or when the country is further away from the target than the OECD average. For instance, Estonia's distance to Target 4.2 on pre-primary education is 1.1 s.u. (i.e. medium distance), which is higher than the 0.24 s.u. distance for the OECD average. Target 4.2 is therefore classified as a weakness for Estonia.

While the lack of consistent time series often prevents an exhaustive assessment of trends, they are discussed when available and relevant in nuancing the assessment of current performance.

#### How to read the Statistical Gaps section?

In total, this report relies on 537 data series supporting 183 of the 247 indicators listed in the global indicator framework (or for close proxies of these indicators). These indicators cover 134 of the 169 SDG targets. Yet, target coverage is uneven across the 17 goals and among OECD member countries.

Figure 2 summarises data availability:

- darker blue bars indicate the share of *targets* for which at least one indicator (including indicators providing context information) is available
- lighter blue bars indicate the share of *targets* for which the available indicator(s) include those having a clear normative direction (i.e. allowing to distinguish between good and bad performance), which are the only ones used to measure distances to target levels.
- medium blue bars indicate the share of *targets* for which progress over time can be gauged (i.e. at least three observations are available over a five-year period).

All methods and concepts are further detailed in the Methodological Annex.