



REPÚBLICA DE PANAMÁ

— GOBIERNO NACIONAL —

**MINISTERIO DE
EDUCACIÓN**



Programme for International Student Assessment (PISA)
PISA for Development Strand C Out of School Assessment

Panamá 2018

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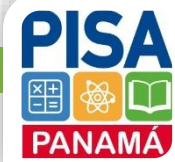
Led by: Mgtr. Agnes Cotes, Strand C NPM
Mgtr. Gina Garcés, National Evaluation Director

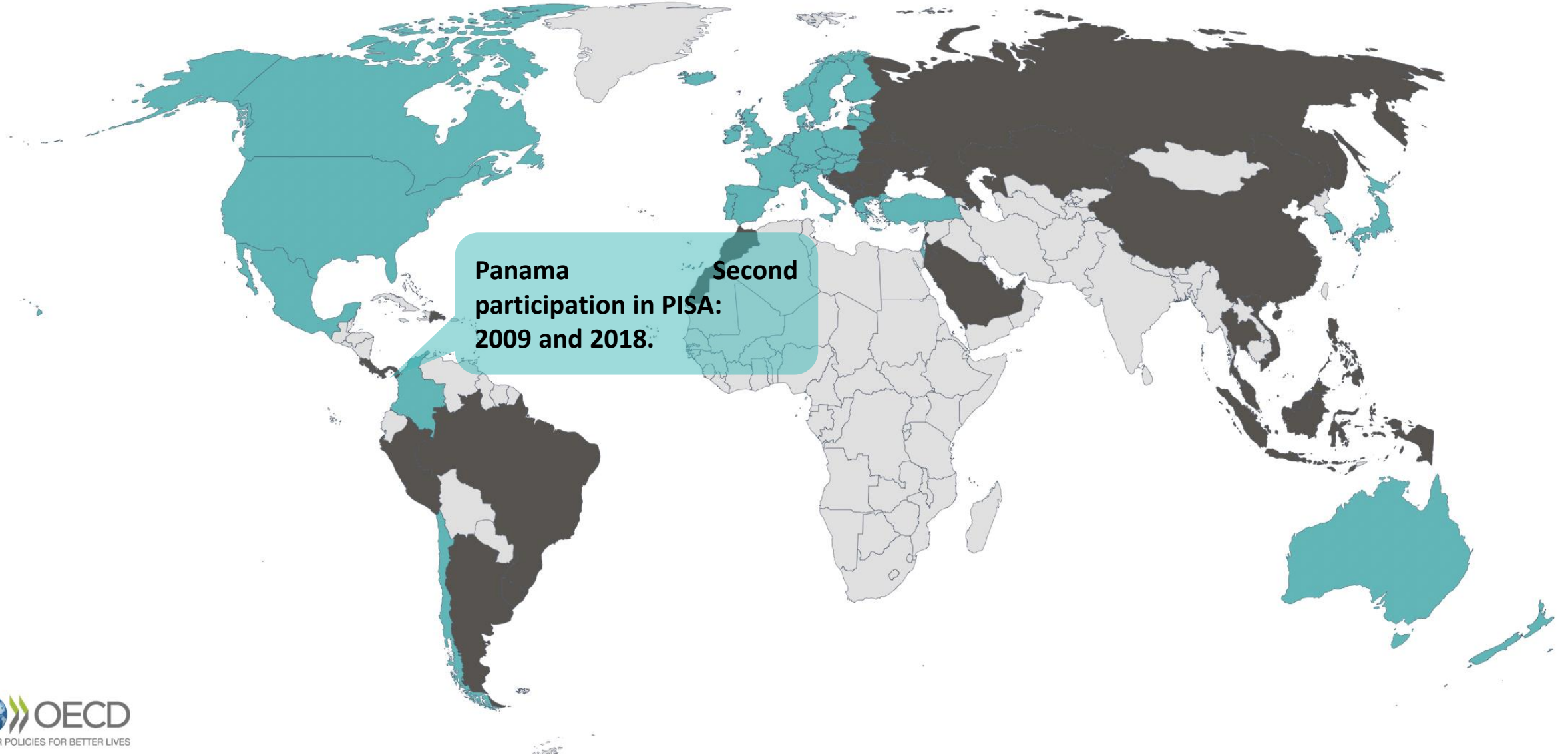


Programme for International Student Assessment



OECD

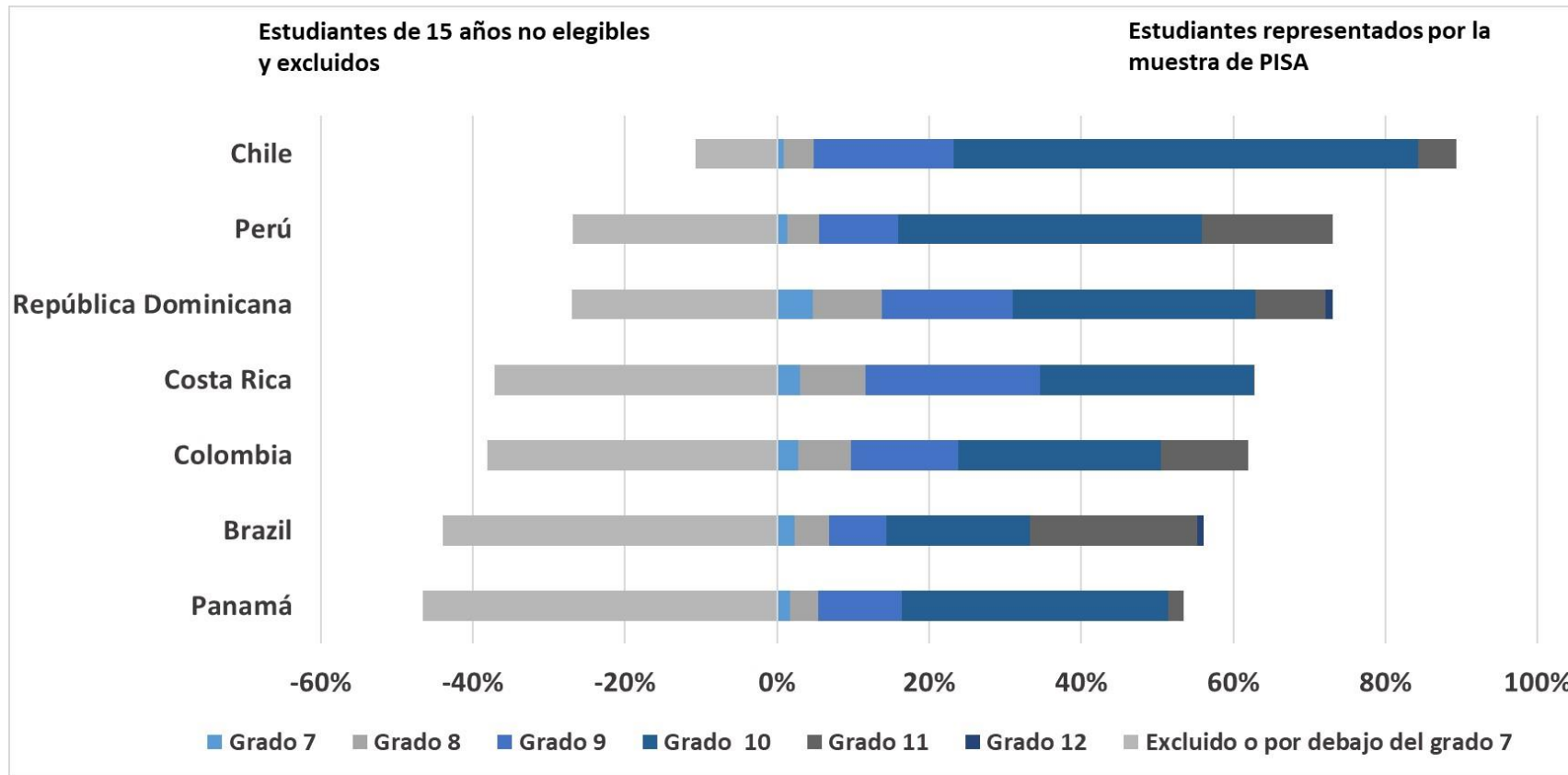




Why PISA-D Component C?

- In order to avoid blind spots: Utilizing a sample of students who attend school to draw conclusions regarding the entire educational system of the country could lead to incorrect interpretations such as those that:
 - Compare us with countries in which most 15 year olds attend school
 - Do not reflect the true progress of educational improvements
 - Do not adequately reflect the impact of inequality
 - Do not account for existing or proposed exclusion policies

Percentage of **15 year old youth** eligible to participate in PISA 2018 in Panamá and Latin America.



Implementation

- ✓ Planning
- ✓ Hiring
- ✓ Training
- ✓ Sampling and Mapping
- ✓ Building Database
- ✓ Preparing data (cases)
- ✓ Collecting data (home visits using tablets)
- ✓ Loading data
- ✓ Coding data
- ✓ Data analysis
- ✓ Reports



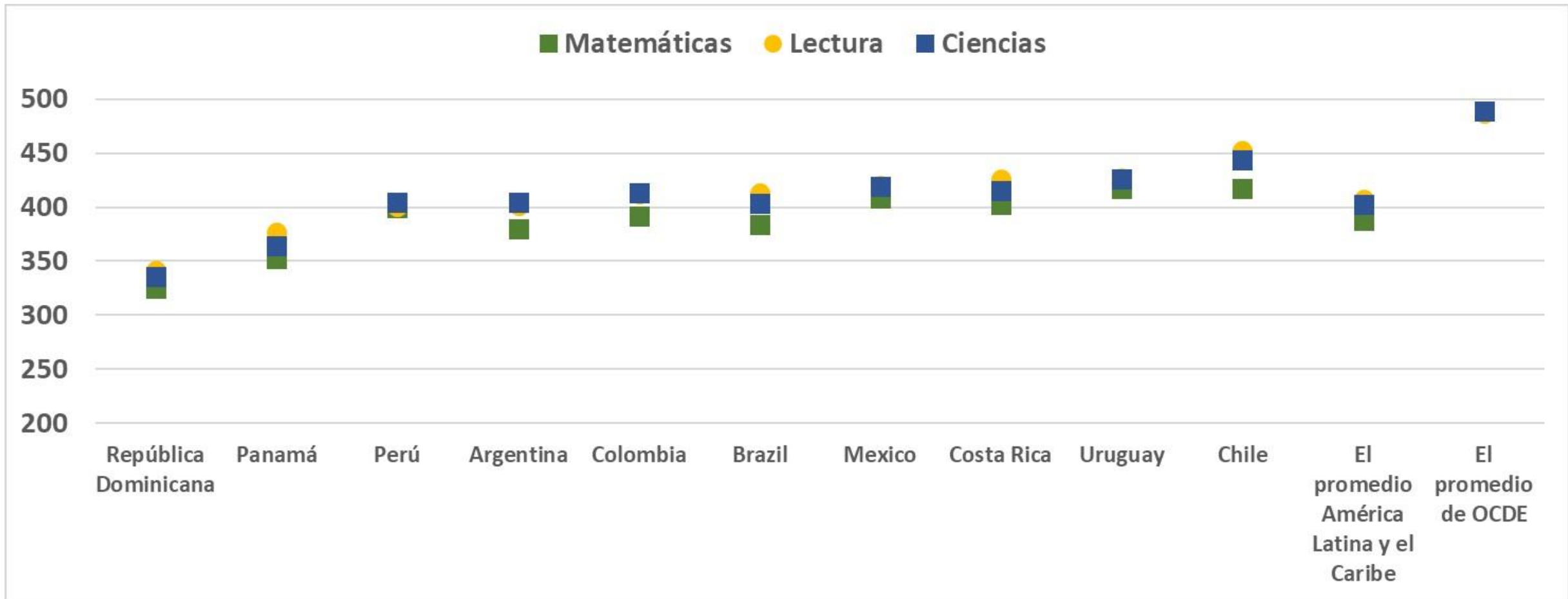
Implementation

Sampling: 17,160 selected homes, with 71% of the sample in the Nagbe Bugle, Emberá, Guna Yala indigenous regions, since background information indicated that the highest school dropouts were located there, and 25.5 % of the sample in urban and rural areas of the provinces of Bocas del Toros, Coclé, Colón, Chiriquí, Darién, Herrera, Los Santos and Veraguas. 3.5% in urban areas of the provinces of Central Panama, North Panama, East Panama, West Panama

Sample: The required minimum was 1,600 effective tests of young people and parent questionnaires. A total of 2,055 were achieved utilizing a combination of random and convenience samples. However, the Panamanian sample in PISA-D Component C is representative of rural areas and comarcas only.



PISA 2018 RESULTS: PANAMA AND LATIN AMERICA



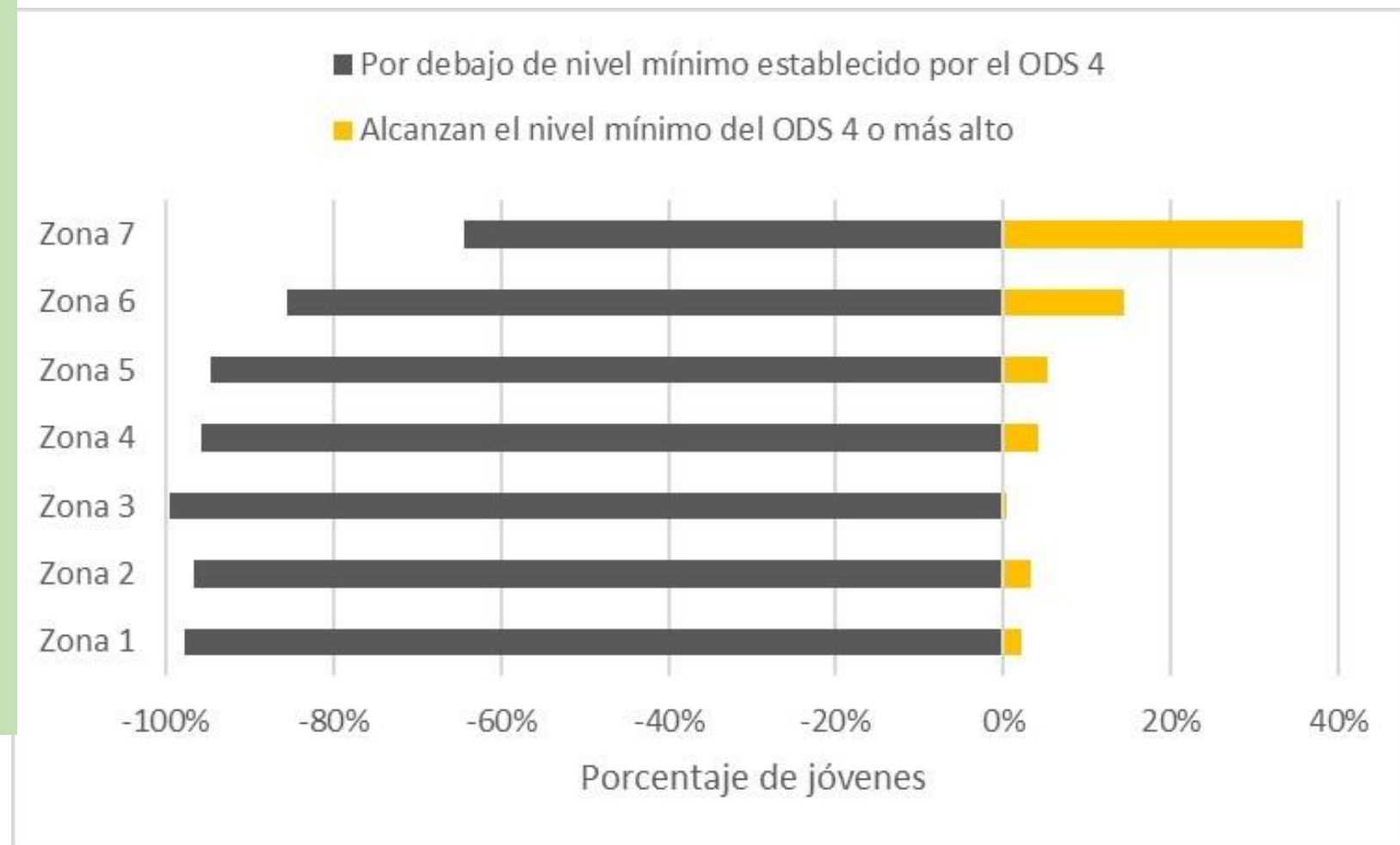
PISA-D Component C percentage of cases

Exclusion Zones	Percentage
Zone 1: Never in school	13.9
Zona 2: Abandoned school in early elementary	5.4
Zona 3: Still in school but in early elementary	14.0
Zona 4: Abandoned school after completing elementary school	17.3
Zona 5: Abandoned school during middle school	46.8
Zona 6: Are still in school in 7th grade or later but do not assist regularly	2.7
Total	100.0

Percentage of youth out of school or in elementary school that reached the minimum level established by ODS 4 in Reading

Zona 7: students who participate in PISA 2018.

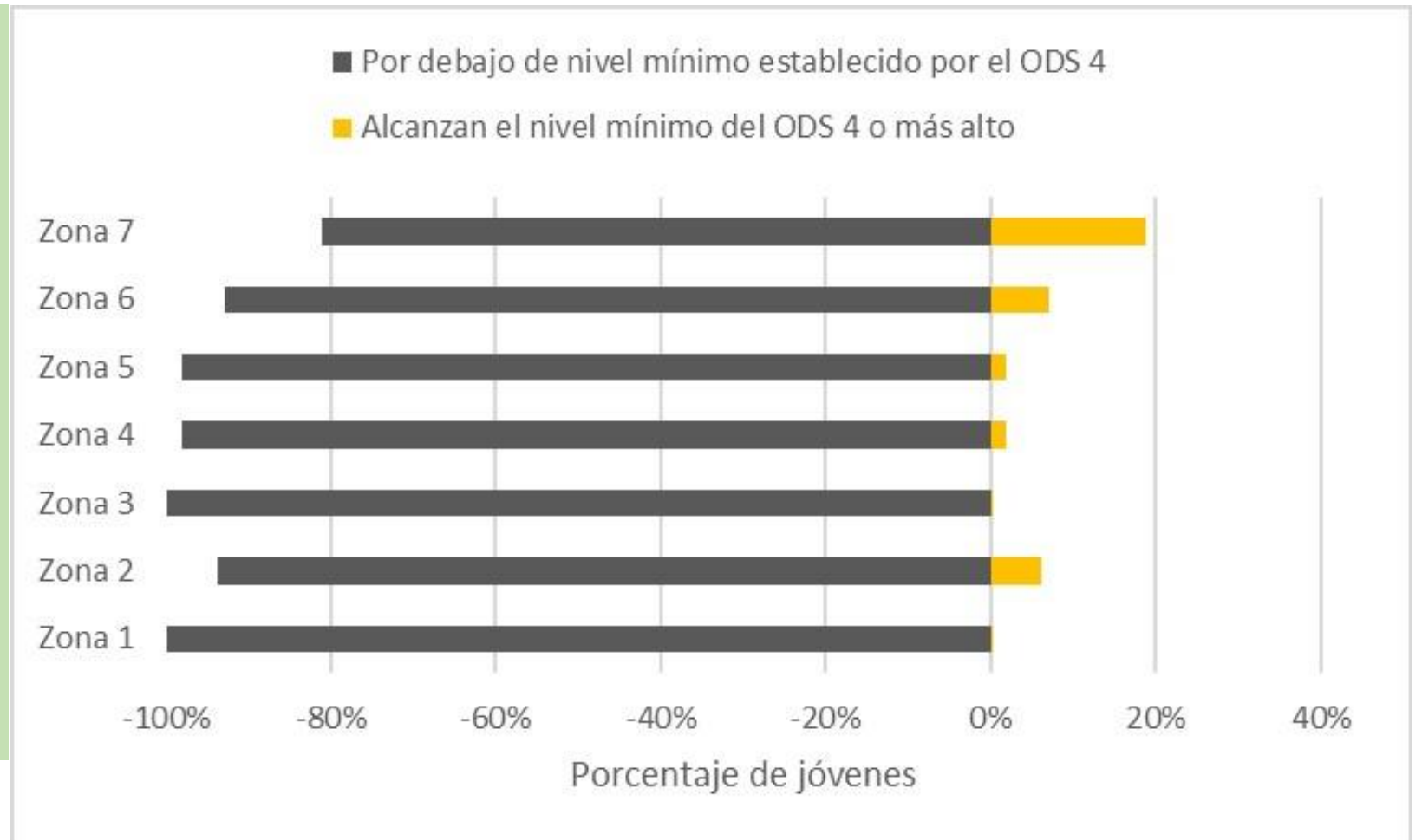
- **Zona 6:** Students still in 7th grade or higher, but who do not assist regularly.
- **Zona 5:** Abandoned school in middle school.
- **Zona 4:** Abandoned school after completing elementary school.
- **Zona 3:** Still in school but in elementary school.
- **Zona 2:** Abandoned school in early elementary.
- **Zona 1:** Have never been in school.



Percentage of youth out of school or in elementary school that reached the minimum level established by ODS 4 in Math

Zona 7: students who participate in PISA 2018.

- **Zona 6:** Students still in 7th grade or higher, but who do not assist regularly.
- **Zona 5:** Abandoned school in middle school.
- **Zona 4:** Abandoned school after completing elementary school.
- **Zona 3:** Still in school but in elementary school.
- **Zona 2:** Abandoned school in early elementary.
- **Zona 1:** Have never been in school.



PISA-D Component C RESULTS

Approximately 3% of youth out of the school system reached the minimum learning standards established by ODS 4 agreements.



¿Sería más probable que continuaras con tu educación si...

■ Hombres ■ Mujeres

