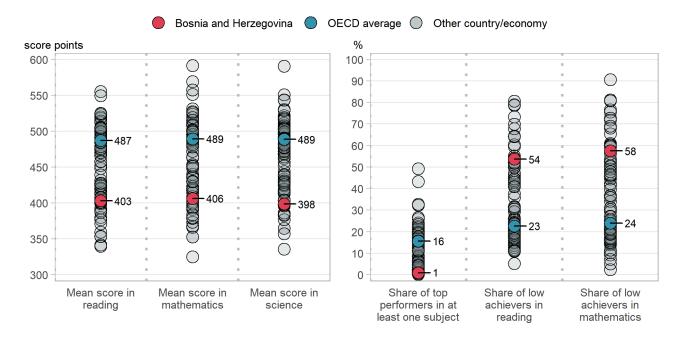


# PROGRAMME FOR INTERNATIONAL STUDENT ASSESSMENT (PISA) RESULTS FROM PISA 2018

The Programme for International Student Assessment (PISA) is a triennial survey of 15-year-old students that assesses the extent to which they have acquired the key knowledge and skills essential for full participation in society. The assessment focuses on proficiency in reading, mathematics, science and an innovative domain (in 2018, the innovative domain was global competence), and on students' well-being.

## Bosnia and Herzegovina

## What 15-year-old students in Bosnia and Herzegovina know and can do



## Figure 1. Snapshot of performance in reading, mathematics and science

Note: Only countries and economies with available data are shown. Source: OECD, PISA 2018 Database, Tables I.1 and I.10.1.

- Students in Bosnia and Herzegovina scored lower than the OECD average in reading, mathematics and science.
- Compared to the OECD average, a smaller proportion of students in Bosnia and Herzegovina performed at the highest levels of proficiency (Level 5 or 6) in at least one subject; at the same time a

smaller proportion of students achieved a minimum level of proficiency (Level 2 or higher) in at least one subject.

#### What students know and can do in reading

- In Bosnia and Herzegovina, 46% of students attained at least Level 2 proficiency in reading (OECD average: 77%). At a minimum, these students can identify the main idea in a text of moderate length, find information based on explicit, though sometimes complex criteria, and can reflect on the purpose and form of texts when explicitly directed to do so.
- Some a negligible percentage of students in Bosnia and Herzegovina were top performers in reading, meaning that they attained Level 5 or 6 in the PISA reading test (OECD average: 9%). At these levels, students can comprehend lengthy texts, deal with concepts that are abstract or counterintuitive, and establish distinctions between fact and opinion, based on implicit cues pertaining to the content or source of the information. In 20 education systems, including those of 15 OECD countries, more than 10% of 15-year-old students were top performers.

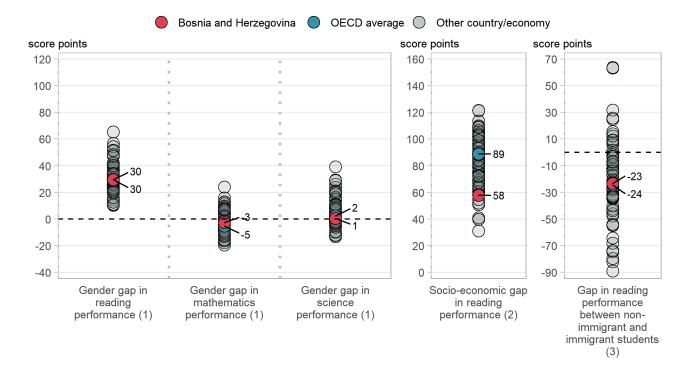
#### What students know and can do in mathematics

- Some 42% of students in Bosnia and Herzegovina attained Level 2 or higher in mathematics (OECD average: 76%). At a minimum, these students can interpret and recognise, without direct instructions, how a (simple) situation can be represented mathematically (e.g. comparing the total distance across two alternative routes, or converting prices into a different currency). The share of 15-year-old students who attained minimum levels of proficiency in mathematics (Level 2 or higher) varied widely from 98% in Beijing, Shanghai, Jiangsu and Zhejiang (China) to 2% in Zambia, which participated in the PISA for Development assessment in 2017. On average across OECD countries, 76% of students attained at least Level 2 proficiency in mathematics.
- In Bosnia and Herzegovina, around 1% of students scored at Level 5 or higher in mathematics (OECD average: 11%). Six Asian countries and economies had the largest shares of students who did so: Beijing, Shanghai, Jiangsu and Zhejiang (China) (44%), Singapore (37%), Hong Kong (China) (29%), Macao (China) (28%), Chinese Taipei (23%) and Korea (21%). These students can model complex situations mathematically, and can select, compare and evaluate appropriate problem-solving strategies for dealing with them.

#### What students know and can do in science

- Some 43% of students in Bosnia and Herzegovina attained Level 2 or higher in science (OECD average: 78%). At a minimum, these students can recognise the correct explanation for familiar scientific phenomena and can use such knowledge to identify, in simple cases, whether a conclusion is valid based on the data provided.
- In Bosnia and Herzegovina, a negligible percentage of students were top performers in science, meaning that they were proficient at Level 5 or 6 (OECD average: 7%). These students can creatively and autonomously apply their knowledge of and about science to a wide variety of situations, including unfamiliar ones.

## Where All Students Can Succeed



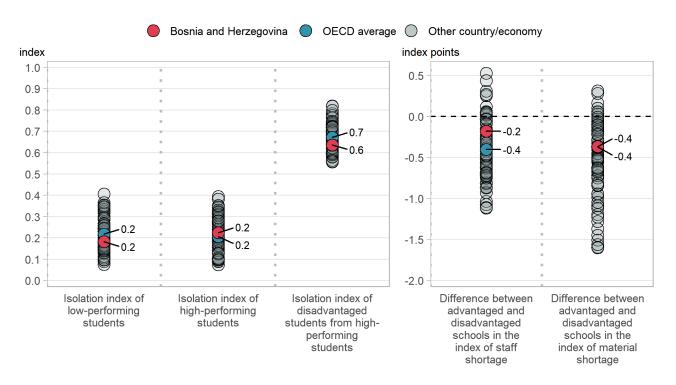
#### Figure 2. Differences in performance related to personal characteristics

Notes: Only countries and economies with available data are shown. (1) Girls' minus boys' performance; (2) Advantaged minus disadvantaged students' performance; (3) Immigrants' minus non-immigrants' performance in reading; After accounting for students' and schools' socio-economic profile.

Source: OECD, PISA 2018 Database, Tables II.B1.2.3, II.B1.7.1, II.B1.7.3, II.B1.7.5 and II.B1.9.3.

#### Equity related to socio-economic status

- In Bosnia and Herzegovina, socio-economically advantaged students outperformed disadvantaged students in reading by 58 score points in PISA 2018. This is smaller than the average difference between the two groups (89 score points) across OECD countries.
- Socio-economic status was a strong predictor of performance in mathematics and science in all PISA participating countries. It explained 8% of the variation in mathematics performance in PISA 2018 in Bosnia and Herzegovina (compared to 14% on average across OECD countries), and 7% of the variation in science performance (compared to the OECD average of 13% of the variation).
- Some 13% of disadvantaged students in Bosnia and Herzegovina were able to score in the top quarter of reading performance within Bosnia and Herzegovina, indicating that disadvantage is not destiny. On average across OECD countries, 11% of disadvantaged students scored amongst the highest performers in reading in their countries.



# Figure 3. School segregation, and gap in material and staff shortage between advantaged and disadvantaged schools

Notes: Only countries and economies with available data are shown. The isolation indices ranging from 0 (no segregation) to 1 (full segregation) measure whether low-/high-performing students or disadvantaged students are more or less concentrated in some schools. See detailed description of the indices in Volume II Chapter 4.

Source: OECD, PISA 2018 Database, Tables II.B1.4.1, II.B1.4.8, II.B1.5.13 and II.B1.5.14.

- In Bosnia and Herzegovina, low-performing students are clustered in certain schools less often than the OECD average, and high-performing students similarly clustered. A disadvantaged student has a 19% chance, on average, of being enrolled in a school with those who score in the top quarter of reading performance (OECD average: a 17% chance).
- School principals in Bosnia and Herzegovina reported less staff shortage and more material shortage than the OECD average; but there was no significant difference in staff shortages between advantaged and disadvantaged schools. In Bosnia and Herzegovina, 8% of students enrolled in a disadvantaged school and 4% of students enrolled in an advantaged school attend a school whose principal reported that the capacity of the school to provide instruction is hindered at least to some extent by a lack of teaching staff. On average across OECD countries, 34% of students in disadvantaged schools and 18% of students in advantaged schools attend such a school.
- According to school principals in Bosnia and Herzegovina, 95% of teachers in advantaged schools and 93% of teachers in disadvantaged schools are "fully certified" (the difference is not statistically significant). The proportions of teachers with at least a master's degree are larger in advantaged schools than in disadvantaged schools.
- Many students, especially disadvantaged students, hold lower ambitions than would be expected given their academic achievement. In Bosnia and Herzegovina, one in seven high-achieving disadvantaged students – but about 1 in 30 high-achieving advantaged students – do not expect to complete tertiary education.

### Equity related to gender

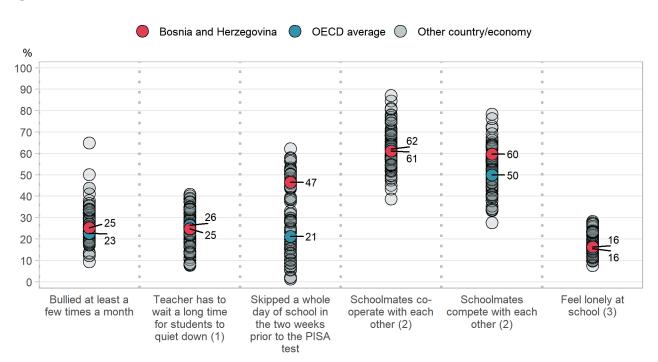
In Bosnia and Herzegovina, girls scored similar to boys in mathematics. Across OECD countries, boys
outperformed girls by five score points. While girls slightly outperformed boys in science (by two score

points) on average across OECD countries in PISA 2018, in Bosnia and Herzegovina girls and boys performed similarly in science.

## What School Life Means for Students' Lives

#### How is the school climate in Bosnia and Herzegovina?

- In Bosnia and Herzegovina, 25% of students reported being bullied at least a few times a month, compared to 23% on average across OECD countries. At the same time, 86% of students in Bosnia and Herzegovina (and 88% of students on average across OECD countries) agreed or strongly agreed that it is a good thing to help students who cannot defend themselves.
- Some 25% of students in Bosnia and Herzegovina (OECD average: 26%) reported that, in every or most language-of-instruction lessons, their teacher has to wait a long time for students to quiet down. In Bosnia and Herzegovina, students who reported that, in every or most lessons, the teacher has to wait a long time for students to quiet down scored 32 score points lower in reading than students who reported that this never happens or happens only in some lessons, after accounting for socio-economic status.
- On average across OECD countries, 21% of students had skipped a day of school and 48% of students had arrived late for school in the two weeks prior to the PISA test. In Bosnia and Herzegovina, 47% of students had skipped a day of school and 45% of students had arrived late for school during that period. In most countries and economies, frequently bullied students were more likely to have skipped school, whereas students who valued school, enjoyed a better disciplinary climate and received greater emotional support from parents were less likely to have skipped school.



#### Figure 4. School climate

Notes: Only countries and economies with available data are shown. (1) In every or most language-of-instruction lessons; (2) Very or extremely true; (3) Agreed or strongly agreed.

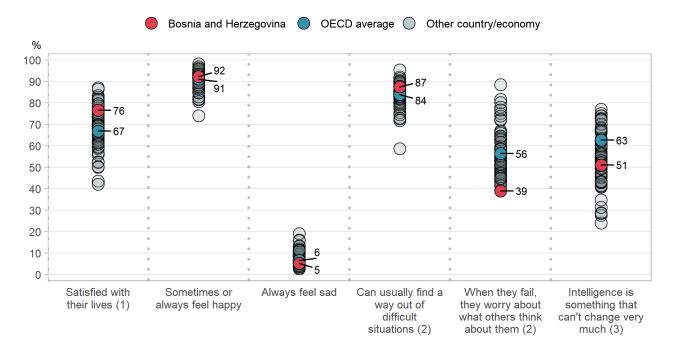
Source: OECD, PISA 2018 Database, Tables III.B1.2.1, III.B1.3.1, III.B1.4.1, III.B1.8.1, III.B1.8.2 and III.B1.9.1

 Some 74% of students in Bosnia and Herzegovina (OECD average: 74%) agreed or strongly agreed that their teacher shows enjoyment in teaching. In most countries and economies, including in Bosnia and Herzegovina, students scored higher in reading when they perceived their teacher as more enthusiastic, especially when students said their teachers are interested in the subject.

- In Bosnia and Herzegovina, 61% of students reported that their schoolmates co-operate with each other (OECD average: 62%) and 60% reported that they compete with each other (OECD average: 50%).
- Some 16% of students in Bosnia and Herzegovina (OECD average: 16%) agreed or strongly agreed that they feel lonely at school.

#### How do students in Bosnia and Herzegovina feel about their lives and learning?

- In Bosnia and Herzegovina, 76% of students (OECD average: 67%) reported that they are satisfied with their lives (students who reported between 7 and 10 on the 10-point life-satisfaction scale).
- Some 92% of students in Bosnia and Herzegovina reported sometimes or always feeling happy and about 5% of students reported always feeling sad. In most countries and economies, students were more likely to report positive feelings when they reported a stronger sense of belonging at school and greater student co-operation, and were more likely to express sadness when they were bullied more frequently.
- In Bosnia and Herzegovina, 87% of students agreed or strongly agreed that they can usually find a way out of difficult situations (OECD average: 84%), and 39% agreed or strongly agreed that, when they fail, they worry about what others think of them (OECD average: 56% of students). In almost every education system, including Bosnia and Herzegovina, girls expressed greater fear of failure than boys, and this gender gap was considerably wider amongst top-performing students.
- A majority of students across OECD countries holds a growth mindset (they disagreed or strongly disagreed with the statement "Your intelligence is something about you that you can't change very much"). In Bosnia and Herzegovina, 51% of students hold a growth mindset.



## Figure 5. Student well-being and growth mindset

Notes: Only countries and economies with available data are shown. (1) Between 7 and 10 on the life-satisfaction scale; (2) Agreed or strongly agreed; (3) Disagreed or strongly disagreed.

Source: OECD, PISA 2018 Database, Tables III.B1.11.1, III.B1.12.1, III.B1.12.2, III.B1.13.1, III.B1.13.2 and III.B1.14.1

## Key features of PISA 2018

#### The content

 The PISA 2018 survey focused on reading, with mathematics, science and global competence as minor areas of assessment; Bosnia and Herzegovina did not participate in the assessment of global competence. PISA 2018 also included an assessment of young people's financial literacy, which was optional for countries and economies. Results for reading, mathematics and science are released on 3 December 2019 and results for global competence and financial literacy in 2020.

#### The students

 Some 600 000 students completed the assessment in 2018, representing about 32 million 15-yearolds in the schools of the 79 participating countries and economies. In Bosnia and Herzegovina, 6 480 students, in 213 schools, completed the assessment, representing 28 843 15-year-old students (82% of the total population of 15-year-olds).

#### The assessment

- Computer-based tests were used in most countries, with assessments lasting a total of two hours. In reading, a multi-stage adaptive approach was applied in computer -based tests whereby students were assigned a block of test items based on their performance in preceding blocks.
- Test items were a mixture of multiple-choice questions and questions requiring students to construct their own responses. The items were organised into groups based on a passage of text describing a real-life situation. More than 15 hours of test items for reading, mathematics, science and global competence were covered, with different students taking different combinations of test items.
- Students also answered a background questionnaire, which took about 35 minutes to complete. The
  questionnaire sought information about the students themselves, their attitudes, dispositions and
  beliefs, their homes, and their school and learning experiences. School principals completed a
  questionnaire that covered school management and organisation, and the learning environment.
- Some countries/economies also distributed additional questionnaires to elicit more information. These included: in 19 countries/economies, a questionnaire for teachers asking about themselves and their teaching practices; and in 17 countries/economies, a questionnaire for parents asking them to provide information about their perceptions of and involvement in their child's school and learning.
- Countries/economies could also chose to distribute three other optional questionnaires for students: 52 countries/economies distributed a questionnaire about students' familiarity with computers; 32 countries/economies distributed a questionnaire about students' expectations for further education; and 9 countries/economies distributed a questionnaire, developed for PISA 2018, about students' wellbeing.

#### References

OECD (2019), PISA 2018 Results (Volume I): What Students Know and Can Do, PISA, OECD Publishing, Paris, https://doi.org/10.1787/5f07c754-en

OECD (2019), *PISA 2018 Results (Volume II): Where All Students Can Succeed*, PISA, OECD Publishing, Paris, <u>https://doi.org/10.1787/b5fd1b8f-en</u>

OECD (2019), PISA 2018 Results (Volume III): What School Life Means for Students' Lives, PISA, OECD Publishing, Paris, https://doi.org/10.1787/acd78851-en

OECD member o Australia	Lithuania	Partner countries and ec Albania Argentina	Malaysia	Partner countries and economies in previous cycles Algeria Azerbaijan
Australia Austria Belgium	Lithuania Luxembourg Mexico	Albania Argentina Baku (Azerbaijan)		Algeria Azerbaijan Guangdong (China)
Australia Austria Belgium Canada	Lithuania Luxembourg Mexico Netherlands	Albania Argentina Baku (Azerbaijan) Belarus	Malaysia Malta Republic of Moldova Montenegro	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India)
Australia Austria Belgium Canada Chile	Lithuania Luxembourg Mexico Netherlands New Zealand	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina	Malaysia Malta Republic of Moldova Montenegro Morocco	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan
Australia Austria Belgium Canada Chile Colombia	Lithuania Luxembourg Mexico Netherlands New Zealand Norway	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil	Malaysia Malta Republic of Moldova Montenegro Morocco Republic of North Macedonia	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein
Australia Austria Belgium Canada Chile Colombia Czech Republic	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius
Australia Austria Belgium Canada Chile	Lithuania Luxembourg Mexico Netherlands New Zealand Norway	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil	Malaysia Malta Republic of Moldova Montenegro Morocco Republic of North Macedonia	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)**	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama Peru	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela)
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia	Malaysia Malta Republic of Moldova Montenegro Morocco Republic of North Macedonia Panama Peru Prilippines Qatar Romania	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India)
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup>	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup> Dominican Republic	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece Hungary	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland Turkey	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup> Dominican Republic Georgia	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia Serbia	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece Hungary Iceland	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland Turkey United Kingdom	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup> Dominican Republic Georgia Hong Kong (China)	Malaysia Malta Republic of Moldova Montenegro Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia Serbia Singapore	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece Hungary Iceland Ireland	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland Turkey	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup> Dominican Republic Georgia Hong Kong (China) Indonesia	Malaysia Malta Republic of Moldova Montenegro Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia Serbia Singapore Chinese Taipei	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece Hungary Iceland Ireland Israel	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland Turkey United Kingdom	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Coyprus <sup>1</sup> Dominican Republic Georgia Hong Kong (China) Indonesia Jordan	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia Serbia Singapore Chinese Taipei Thailand	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece Hungary Iceland Ireland	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland Turkey United Kingdom	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup> Dominican Republic Georgia Hong Kong (China) Indonesia	Malaysia Malta Republic of Moldova Montenegro Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia Serbia Singapore Chinese Taipei	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago
Australia Austria Belgium Canada Chile Colombia Czech Republic Denmark Estonia Finland France Germany Greece Hungary Iceland Ireland Israel Italy	Lithuania Luxembourg Mexico Netherlands New Zealand Norway Poland Portugal Slovak Republic Slovenia Spain Sweden Switzerland Turkey United Kingdom	Albania Argentina Baku (Azerbaijan) Belarus Bosnia and Herzegovina Brazil Brunei Darussalam B-S-J-Z (China)** Bulgaria Costa Rica Croatia Cyprus <sup>1</sup> Dominican Republic Georgia Hong Kong (China) Indonesia Jordan Kazakhstan	Malaysia Malta Republic of Moldova Morocco Republic of North Macedonia Panama Peru Philippines Qatar Romania Russian Federation Saudi Arabia Serbia Singapore Chinese Taipei Thailand Ukraine	Algeria Azerbaijan Guangdong (China) Himachal Pradesh (India) Kyrgyzstan Liechtenstein Mauritius Miranda (Venezuela) Tamil Nadu (India) Trinidad and Tobago

#### Map of PISA countries and economies

\*\* B-S-J-Z (China) refers to four PISA 2018 participating Chinese provinces/municipalities: Beijing, Shanghai, Jiangsu and Zhejiang. In PISA 2015, the four PISA participating Chinese provinces/municipalities were: Beijing, Shanghai, Jiangsu and Guangdong.

1. 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.

This work is published under the responsibility of the Secretary-General of the OECD. The opinions expressed and arguments employed herein do not necessarily reflect the official views of OECD member countries.

This document, as well as any data and any map included herein, are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

#### For more information about PISA 2018 visit http://www.oecd.org/pisa/

Data can also be found on line by following the *StatLinks* and under the tables and charts in the publication.

Explore, compare and visualise more data and analysis using: http://gpseducation.oecd.org/.

Questions can be directed to:	Country note authors:
PISA team	F. Avvisati, A. Echazarra, P. Givord and M. Schwabe
Directorate for Education and Skills	Directorate for Education and Skills
edu.pisa@oecd.org	