



2 of 3 Supplements
to PIRLS 2021
*User Guide for
the International
Database*

PIRLS 2021

USER GUIDE FOR THE INTERNATIONAL DATABASE

SUPPLEMENT 2

*National Adaptations of the International
Context Questionnaires*

SUPPLEMENT 2

National Adaptations of the International Context Questionnaires

Overview

This supplement describes national adaptations made to the international versions of the PIRLS 2021 context questionnaires. This information provides users with a guide to evaluate the availability of internationally comparable data for use in secondary analyses involving the PIRLS 2021 context variables. National adaptations to context questionnaires include questions that countries were required to adapt, questions that were not administered, and questions that countries modified to suit their national context.

This supplement is organized into sections corresponding to the PIRLS 2021 Context Questionnaires:

- Section 1:** Student Questionnaire
- Section 2:** Home Questionnaire (Early Learning Survey)
- Section 3:** School Questionnaire
- Section 4:** Teacher Questionnaire

For each question that was adapted in PIRLS 2021, a national entry is included if the version of the question administered was different from the international version in meaning or in context. The following information is provided:

- Question number
- Question stem and response options
- Variable name(s)
- National adaptation, listed by country.

Each national adaptation entry is assigned either code “D” or code “X,” representing the following:

- D** The question is still considered comparable to the international version, and the corresponding data are included in the international database.
- X** The corresponding data are not included in the international database. The question was not administered, not applicable, or deleted for any of several reasons (e.g., deemed not internationally comparable, removed per country request, or a data problem).

Some countries did not administer one or more PIRLS 2021 Context Questionnaires, due to a variety of reasons. Australia, England, and the United States did not administer the home questionnaire. Due to complications related to the COVID-19 pandemic, described below, Hungary and the United States did not administer the teacher questionnaire, and all data collected from teachers in Ireland were excluded from the International Database.

PIRLS 2021 Questionnaire Adaptations for Delayed Test Administration Due to COVID-19

As described in the [*PIRLS 2021 International Results in Reading*](#) report, the COVID-19 pandemic introduced unprecedented complexities for the PIRLS 2021 data collection. While many countries were able to assess fourth grade students at the end of the school year as originally planned, some countries needed to delay data collection until the beginning of students' fifth grade school year (see Chapter 2 of the User Guide). This delay necessitated changes to the PIRLS 2021 school and teacher questionnaires, both of which contain items that refer explicitly to the fourth grade cohort. Although the PIRLS reading assessment was administered to fifth grade students in the delayed countries, PIRLS 2021 still aimed to capture the most relevant data available about the learning experiences of these students during their fourth grade school year. Unfortunately, this was not possible in all instances.

For the teacher questionnaire, countries that assessed the fourth grade cohort at the beginning of fifth grade were given three options: 1) locate the teachers that taught the students during the previous year in the fourth grade to complete the questionnaire, 2) administer the questionnaire to students' fifth grade teachers for national use, or 3) not administer the questionnaire. Countries that located students' fourth grade teachers were asked to include a note at the beginning of the questionnaire prompting teachers to consider the students they taught during the 2020-2021 school year (i.e., the students who participated in PIRLS 2021). Because fifth grade teachers were not a reliable source of information about the instruction the students received during their fourth year of schooling, any questionnaire data collected from fifth grade teachers was excluded from the PIRLS 2021 International Database (set to "not administered"). However, the situations likely vary across countries, and

participating countries received the data for their own national analyses.

To adapt the school questionnaire, delayed countries were asked to include notes with the questionnaire directions prompting principals to keep in mind the 2020-2021 school year—when the PIRLS students were enrolled in fourth grade—when completing the questionnaire. Countries were asked to add this emphasis on the 2020-2021 school year explicitly to the items concerning the COVID-19 pandemic at the end of the questionnaire. Countries that delayed PIRLS 2021 data collection by a full year were asked to update their national school questionnaires to refer to the next school year (2020-2021 for Southern Hemisphere; 2021-2022 for Northern Hemisphere).

In countries that delayed assessment to the beginning of fifth grade, school questionnaire data was excluded from the International Database only when students switched schools between the fourth and fifth grades. In these instances, respondents likely could not provide accurate information about the schools attended by the PIRLS students during the fourth year of schooling. This mostly involved small numbers of schools in affected countries. Nevertheless, the impacted countries received the data for national use.

SECTION 1

National Adaptations of the Student Questionnaire

SQG-01

Question:

Which of these describes you?

- 1 = Girl
- 2 = Boy
- 3 = <Other>

Variable Name(s):

ASBG01

Country

Item ID

Code

Documentation

| | | | |
|------------------|--------|---|--|
| Austria | SQG-01 | D | Nationally defined categories: 1 = Girl 2 = Boy 3 = Diverse or undecided |
| Azerbaijan | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Bahrain | SQG-01 | D | Stem of the question changed: Are you a girl or a boy? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Belgium (French) | SQG-01 | D | Stem of the question changed: Are you a girl or a boy ? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |

| | | | |
|----------------|--------|---|--|
| Bulgaria | SQG-01 | D | <p>Stem of the question changed: Are you a girl or a boy?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Croatia | SQG-01 | D | <p>Stem of the question changed: Are you a girl or a boy?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Cyprus | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Czech Republic | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Egypt | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| France | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Georgia | SQG-01 | D | <p>Stem of the question change: Are you a girl or a boy?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Hungary | SQG-01 | D | <p>Stem of the question changed: Are you a girl or a boy?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |

| | | | |
|-----------------------|--------|---|---|
| Iran, Islamic Rep. of | SQG-01 | D | Stem of the question changed: What is your gender? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Israel | SQG-01 | D | Stem of the question changed: Are you a girl or a boy? (if ITLANG = 16) / Which of these describes you? (if ITLANG = 53) National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Italy | SQG-01 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Jordan | SQG-01 | D | Stem of the question changed: Are you a girl or a boy ? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Latvia | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Lithuania | SQG-01 | D | Stem of the question changed: Who are you, boy or girl? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Macao | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |

| | | | |
|------------------|--------|---|---|
| Montenegro | SQG-01 | D | <p>Stem of the question changed: What is your gender?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Morocco | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| New Zealand | SQG-01 | D | <p>Nationally defined categories: 1 = Girl 2 = Boy 3 = I think of myself in a different way</p> |
| Northern Ireland | SQG-01 | D | <p>Nationally defined categories: 1 = Girl 2 = Boy 3 = I prefer not to say</p> |
| Norway (5) | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Oman | SQG-01 | D | <p>Stem of the question changed: Are you a girl or a boy? (if ITLANG = 1) / Are you female or male? (if ITLANG = 53)</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Poland | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Portugal | SQG-01 | D | <p>Stem of the question changed: Are you a girl or a boy?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |

| | | | |
|--------------------|--------|---|---|
| Qatar | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Russian Federation | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Saudi Arabia | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Serbia | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Singapore | SQG-01 | D | Stem of the question changed: Are you a girl or a boy? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Slovak Republic | SQG-01 | D | Stem of the question changed: Are you a girl or a boy? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Slovenia | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data unavailable |
| South Africa | SQG-01 | D | Stem of the question changed: Are you a girl or a boy? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |

| | | | |
|----------------------------------|--------|---|--|
| Spain | SQG-01 | D | <p>Stem of the question changed: Are you a girl or a boy?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Turkiye | SQG-01 | D | <p>Stem of the question changed: What is your gender?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data unavailable</p> |
| United Arab Emirates | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Categories not administered or data not available</p> |
| Uzbekistan | SQG-01 | D | <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available</p> |
| Benchmarking Participants | | | |
| Alberta, Canada | SQG-01 | D | <p>Stem of the question changed: How do you identify yourself?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = I identify myself in another way / I prefer not to say</p> |
| British Columbia, Canada | SQG-01 | D | <p>Stem of the question changed: How do you identify yourself?</p> <p>National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = I identify myself in another way / I prefer not to say</p> |

| | | | |
|-------------------------------|--------|---|---|
| Newfoundland & Labrador, Can. | SQG-01 | D | Stem of the question changed: How do you identify yourself? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = I identify myself in another way / I prefer not to say |
| Quebec, Canada | SQG-01 | D | Stem of the question changed: How do you identify yourself? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = I identify myself in another way / I prefer not to say |
| Moscow City, Russian Fed. | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| South Africa (6) | SQG-01 | D | Stem of the question changed: Are you a girl or a boy? National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Categories not administered or data not available |
| Abu Dhabi, UAE | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |
| Dubai, UAE | SQG-01 | D | National categories recoded for international comparability: 1 = Girl 2 = Boy 3 = Category not administered or data not available |

SQG-02A-B

Question:

When were you born?

A: Month

1 = January

2 = February

3 = March

4 = April

5 = May

6 = June

7 = July

8 = August

9 = September

10 = October

11 = November

12 = December

B: Year

1 = 2008

2 = 2009

3 = 2010

4 = 2011

5 = 2012

6 = 2013

7 = 2014

8 = Other

Variable Name(s):

ASBG02A, ASBG02B

Country

Item ID

Code

Documentation

Chinese Taipei

SQG-02B

D

Nationally defined categories:

1 = The 97th year of the Republic Era (2008)

2 = The 98th year of the Republic Era (2009)

3 = The 99th year of the Republic Era (2010)

4 = The 100th year of the Republic Era (2011)

5 = The 101st year of the Republic Era (2012)

6 = The 102nd year of the Republic Era (2013)

7 = The 103rd year of the Republic Era (2014)

8 = Other

New Zealand

SQG-02B

D

National categories recoded for international comparability:

1 = 2008

2 = 2009

3 = 2010

4 = 2011

5 = 2012

6 = Category not administered or data not available

7 = Category not administered or data not available

8 = Other

Norway (5)

SQG-02B

D

National categories recoded for international comparability:

1 = 2008

2 = 2009

3 = 2010

4 = 2011

5 = 2012

6 = Category not administered or data not available

7 = Category not administered or data not available

8 = Other

SQG-03
Question:

How often do you speak <language of test> at home?

1 = I always speak <language of test> at home

2 = I almost always speak <language of test> at home

3 = I sometimes speak <language of test> and sometimes speak another language at home

4 = I never speak <language of test> at home

| Variable Name(s): | ASBG03 | | |
|--------------------------|---------|------|---|
| Country | Item ID | Code | Documentation |
| Albania | SQG-03 | D | Albanian |
| Australia | SQG-03 | D | English |
| Austria | SQG-03 | D | German |
| Azerbaijan | SQG-03 | D | Russian (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | SQG-03 | D | English (if ITLANG = 1) / Arabic language (if ITLANG = 53) |
| Belgium (Flemish) | SQG-03 | D | Stem of question changed: How often do you speak Dutch at home? (by 'Dutch' we also mean all dialects of Dutch, like West-Flemish or Antwerpian) |
| Belgium (French) | SQG-03 | D | French |
| Brazil | SQG-03 | D | Portuguese |
| Bulgaria | SQG-03 | D | Bulgarian language |
| Chinese Taipei | SQG-03 | D | Mandarin |
| Croatia | SQG-03 | D | Croatian |
| Cyprus | SQG-03 | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Czech Republic | SQG-03 | D | Czech |
| Denmark | SQG-03 | D | Danish |
| Egypt | SQG-03 | D | Arabic language |
| England | SQG-03 | D | English |

| | | | |
|--|--------|---|--|
| Finland | SQG-03 | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| France | SQG-03 | D | French |
| Georgia | SQG-03 | D | Georgian |
| Germany | SQG-03 | D | German |
| Hong Kong SAR | SQG-03 | D | Cantonese |
| Hungary | SQG-03 | D | Hungarian |
| <p>Nationally defined categories: 1 = Always 2 = Almost always 3 = Sometimes 4 = Never</p> | | | |
| Iran, Islamic Rep. of | SQG-03 | D | Farsi |
| Ireland | SQG-03 | D | English |
| Israel | SQG-03 | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Italy | SQG-03 | D | Italian |
| Jordan | SQG-03 | D | Arabic language |
| Kazakhstan | SQG-03 | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kosovo | SQG-03 | D | Albanian |
| Latvia | SQG-03 | D | Latvian (if ITLANG = 21) / Russian (if ITLANG = 29) |
| Lithuania | SQG-03 | D | Lithuanian (if ITLANG = 22) / Polish (if ITLANG = 27) / Russian (if ITLANG = 29) |
| Macao | SQG-03 | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | SQG-03 | D | English (if ITLANG = 1) / Maltese (if ITLANG = 48) |
| Montenegro | SQG-03 | D | Montenegrin language |
| Morocco | SQG-03 | D | Arabic |
| Netherlands | SQG-03 | D | Dutch (Fries, Limburgs or Nedersaksisch not included) |
| New Zealand | SQG-03 | X | Question not administered or data not available |

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|----------------------------------|--------|---|---|
| North Macedonia | SQG-03 | D | Albanian language (if ITLANG = 5) / Macedonian language (if ITLANG = 23) |
| Northern Ireland | SQG-03 | D | English |
| Norway (5) | SQG-03 | D | Norwegian |
| Oman | SQG-03 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Poland | SQG-03 | D | Polish |
| Portugal | SQG-03 | D | Portuguese |
| Qatar | SQG-03 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Russian Federation | SQG-03 | D | Russian |
| Saudi Arabia | SQG-03 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | SQG-03 | D | Serbian language |
| Singapore | SQG-03 | D | English |
| Slovak Republic | SQG-03 | D | Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30) |
| Slovenia | SQG-03 | D | Slovenian |
| South Africa | SQG-03 | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Spain | SQG-03 | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | SQG-03 | D | Swedish |
| Turkiye | SQG-03 | D | Turkish |
| United Arab Emirates | SQG-03 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| United States | SQG-03 | D | English |
| Uzbekistan | SQG-03 | D | Russian (if ITLANG = 29) / Uzbek (if ITLANG = 71) / Karakalpak (if ITLANG = 73) |
| Benchmarking Participants | | | |
| Alberta, Canada | SQG-03 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |

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|-------------------------------|--------|---|---|
| British Columbia, Canada | SQG-03 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | SQG-03 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | SQG-03 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Moscow City, Russian Fed. | SQG-03 | D | Russian |
| South Africa (6) | SQG-03 | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Abu Dhabi, UAE | SQG-03 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | SQG-03 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

SQG-05A-K

Question:

Do you have any of these things at your home?

- A: A shared computer or tablet that you can use
- B: Study desk/table for your use
- C: Your own room
- D: Access to the internet
- E: A shared smartphone that you can use
- F: Your own computer or tablet
- G: Your own smartphone
- H: <country-specific indicator of wealth>
- I: <country-specific indicator of wealth>
- J: <country-specific indicator of wealth>
- K: <country-specific indicator of wealth>

1 = Yes

2 = No

Variable Name(s): ASBG05A, ASBG05B, ASBG05C, ASBG05D, ASBG05E, ASBG05F, ASBG05G, ASBG05H, ASBG05I, ASBG05J, ASBG05K

| Country | Item ID | Code | Documentation |
|-----------|-----------|------|---|
| Albania | SQG-05H | D | Car |
| Albania | SQG-05I-K | X | Option not administered or data not available |
| Australia | SQG-05H | D | Musical instruments |

| | | | |
|-------------------|-----------|---|---|
| Australia | SQG-05I | D | A quiet place to go if you need to think or concentrate |
| Australia | SQG-05J | D | Books in a language other than English that you read |
| Australia | SQG-05K | D | Books in a language other than English that other people in your house read |
| Austria | SQG-05H | D | A gaming system (e.g., PlayStation®, Wii®, Xbox®) |
| Austria | SQG-05I | D | A TV in your room |
| Austria | SQG-05J | D | Music instrument(s) |
| Austria | SQG-05K | D | An e-book reader (e.g., Tolino®, Kindle®) |
| Azerbaijan | SQG-05H | D | Segway (electronic scooter) |
| Azerbaijan | SQG-05I | D | Game system (e.g., PlayStation®, Wii®, Xbox®) |
| Azerbaijan | SQG-05J | D | Car |
| Azerbaijan | SQG-05K | D | Dishwasher |
| Bahrain | SQG-05H | D | A gaming system (e.g., PlayStation®, Wii®, Xbox®) |
| Bahrain | SQG-05I | D | Swimming pool |
| Bahrain | SQG-05J | D | A gym |
| Bahrain | SQG-05K | D | Pets |
| Belgium (Flemish) | SQG-05H | D | A game console (for example, Switch ®, PlayStation ®, Xbox ®) |
| Belgium (Flemish) | SQG-05I-K | X | Option not administered or data not available |
| Belgium (French) | SQG-05H | D | A gaming system (e.g., PlayStation®, Wii®, Xbox®) |
| Belgium (French) | SQG-05I | D | An alarm device for your home |
| Belgium (French) | SQG-05J-K | X | Option not administered or data not available |
| Brazil | SQG-05H | D | Washing machine |
| Brazil | SQG-05I | D | Freezer (independent or second refrigerator door) |
| Brazil | SQG-05J | D | Microwave oven |
| Brazil | SQG-05K | D | Cable TV (e.g., NET, Sky) |
| Bulgaria | SQG-05H | D | A gaming system (e.g., PlayStation®, Wii®, Xbox®) |

| | | | |
|----------------|-----------|---|--|
| Bulgaria | SQG-05I-K | X | Option not administered or data not available |
| Chinese Taipei | SQG-05H | D | Someone in the family learns to play violin or piano, etc. |
| Chinese Taipei | SQG-05I | D | Travel abroad |
| Chinese Taipei | SQG-05J-K | X | Option not administered or data not available |
| Croatia | SQG-05H | D | Playing system (e.g., PlayStation®, Wii®, Xbox®) |
| Croatia | SQG-05I | D | Own sports equipment (e.g., for skiing, tennis, skating, hockey) |
| Croatia | SQG-05J | D | Artwork (e.g., paintings or sculptures) |
| Croatia | SQG-05K | D | Musical instruments (e.g., piano or violin) |
| Cyprus | SQG-05H | D | Educational computer games |
| Cyprus | SQG-05I | D | Cable or satellite TV (e.g., Cablenet, Cytavision, Nova, Primetel) |
| Cyprus | SQG-05J | D | Alarm system |
| Cyprus | SQG-05K | D | Swimming pool |
| Czech Republic | SQG-05H-K | X | Option not administered or data not available |
| Denmark | SQG-05H | D | A video game console (e.g., PlayStation®, Wii® or Xbox®) |
| Denmark | SQG-05I | D | Your own TV |
| Denmark | SQG-05J | D | Books which belong only to you (do not count in school books) |
| Denmark | SQG-05K | D | An instrument, e.g., violin, piano, guitar |
| Egypt | SQG-05H | D | Video game (e.g., PlayStation) |
| Egypt | SQG-05I | D | A private car (for family use) |
| Egypt | SQG-05J | D | A chauffeur who takes you to school |
| Egypt | SQG-05K | D | A sports club membership |
| England | SQG-05H-K | X | Option not administered or data not available |
| Finland | SQG-05H | D | Game console (e.g., PlayStation®, Wii®, Xbox®) |
| Finland | SQG-05I | D | A musical instrument (e.g., piano, violin, guitar) |

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|-----------------------|---------|---|--|
| Finland | SQG-05J | D | More than one car |
| Finland | SQG-05K | D | Country cottage or other leisure home |
| France | SQG-05H | D | A TV in your room |
| France | SQG-05I | D | A dictionary |
| France | SQG-05J | D | A subscription to a magazine or a newspaper of your choice |
| France | SQG-05K | X | Option not administered or data not available |
| Georgia | SQG-05H | D | Family's own car |
| Georgia | SQG-05I | D | Summer cottage or a second house |
| Georgia | SQG-05J | D | Washing machine |
| Georgia | SQG-05K | D | Air conditioner |
| Germany | SQG-05H | D | A daily newspaper |
| Germany | SQG-05I | D | A lawn mower |
| Germany | SQG-05J | D | A piano |
| Germany | SQG-05K | D | A person who helps at least once a week in the household (cleaning help) |
| Hong Kong SAR | SQG-05H | D | Smart watch for your own use |
| Hong Kong SAR | SQG-05I | D | Piano |
| Hong Kong SAR | SQG-05J | D | Domestic helper |
| Hong Kong SAR | SQG-05K | D | Two or more bathrooms at home |
| Hungary | SQG-05H | D | Dishwasher in the kitchen |
| Hungary | SQG-05I | D | Paintings or ceramics |
| Hungary | SQG-05J | D | Air conditioning units |
| Hungary | SQG-05K | D | Ski equipment (e.g., skis, ski boots) |
| Iran, Islamic Rep. of | SQG-05H | D | LED TV |
| Iran, Islamic Rep. of | SQG-05I | D | Foreign car |
| Iran, Islamic Rep. of | SQG-05J | D | Couch |

| | | | |
|-----------------------|-----------|---|---|
| Iran, Islamic Rep. of | SQG-05K | D | Dishwasher |
| Ireland | SQG-05H | D | A gaming system (e.g., PlayStation®, Wii®, Xbox®) |
| Ireland | SQG-05I | D | A TV streaming service (e.g., Netflix®, Disney+®, Amazon Prime®) |
| Ireland | SQG-05J | D | A TV in your bedroom |
| Ireland | SQG-05K | D | Two or more cars |
| Israel | SQG-05C | X | Option not administered or data not available |
| Israel | SQG-05E | D | A smartphone that you and other family members can use |
| Israel | SQG-05H | D | Game console (PlayStation, Nintendo SWITCH, Xbox) (if ITLANG = 16) / Game console (PlayStation, Xbox, Wii) (If ITLANG = 53) |
| Israel | SQG-05I-K | X | Options not administered or data not available |
| Italy | SQG-05H | D | A video game console (e.g. PlayStation®, Wii®, Xbox®) |
| Italy | SQG-05I | D | Home alarm system |
| Italy | SQG-05J | D | A whirlpool bath |
| Italy | SQG-05K | D | A musical instrument (e.g., piano, guitar, saxophone, drums...) |
| Jordan | SQG-05H | D | Video or computer games (e.g., Xbox, PlayStation) |
| Jordan | SQG-05I | D | Automatic washing machine |
| Jordan | SQG-05J | D | Central heating |
| Jordan | SQG-05K | D | Air conditioning |
| Kazakhstan | SQG-05H | D | Game console |
| Kazakhstan | SQG-05I | D | E-books |
| Kazakhstan | SQG-05J | D | Photo camera |
| Kazakhstan | SQG-05K | D | Video camera |
| Kosovo | SQG-05H | D | Car |
| Kosovo | SQG-05I-K | X | Option not administered or data not available |
| Latvia | SQG-05H | D | Your own bicycle |

| | | | |
|-------------|-----------|---|---|
| Latvia | SQG-05I | D | Encyclopedias |
| Latvia | SQG-05J | D | Works of art (e.g., paintings) |
| Latvia | SQG-05K | D | Music instrument |
| Lithuania | SQG-05H-K | X | Option not administered or data not available |
| Macao | SQG-05H | D | Resident club house |
| Macao | SQG-05I | D | Private car |
| Macao | SQG-05J | D | Piano |
| Macao | SQG-05K | D | Massage lounger |
| Malta | SQG-05H | D | Swimming pool |
| Malta | SQG-05I | D | Yacht or sailing boat |
| Malta | SQG-05J-K | X | Option not administered or data not available |
| Montenegro | SQG-05H | D | Cable television |
| Montenegro | SQG-05I | D | Books as a resource for better learning (encyclopedias) |
| Montenegro | SQG-05J-K | X | Option not administered or data not available |
| Morocco | SQG-05H | D | Electronic games such as Xbox, Wii, or PlayStation |
| Morocco | SQG-05I | D | Smart TV set |
| Morocco | SQG-05J | D | DVD player |
| Morocco | SQG-05K | D | Hybrid car |
| Netherlands | SQG-05H | D | A gaming system (e.g., PlayStation®, Xbox®, Nintendo®) |
| Netherlands | SQG-05I | D | A subscription to a newspaper |
| Netherlands | SQG-05J | D | A subscription to a magazine for your or your siblings |
| Netherlands | SQG-05K | D | A subscription to a magazine for your parents |
| New Zealand | SQG-05C | D | Your very own bedroom |
| New Zealand | SQG-05H | D | Musical instrument (e.g., violin, piano, guitar) |
| New Zealand | SQG-05I | D | Clothes dryer |
| New Zealand | SQG-05J | D | Dishwasher |

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|------------------|-----------|---|--|
| New Zealand | SQG-05K | D | Two or more bathrooms |
| North Macedonia | SQG-05H | D | Washing machine |
| North Macedonia | SQG-05I | D | Dishwasher |
| North Macedonia | SQG-05J | D | DVD Recorder |
| North Macedonia | SQG-05K | D | Car |
| Northern Ireland | SQG-05H | D | Your own television |
| Northern Ireland | SQG-05I | D | Your own gaming system (e.g., PlayStation, Switch, Xbox) |
| Northern Ireland | SQG-05J | D | Your own bicycle |
| Northern Ireland | SQG-05K | D | A holiday away from home, for at least one week a year, with family |
| Norway (5) | SQG-05H | D | Burglar alarm |
| Norway (5) | SQG-05I | D | Your own TV |
| Norway (5) | SQG-05J-K | X | Option not administered or data not available |
| Oman | SQG-05H | D | A game player (e.g., PlayStation, Xbox) (if ITLANG = 1) / A gaming system (e.g., PlayStation®, Wii®, Xbox®) (if ITLANG = 53) |
| Oman | SQG-05I | D | Smart TV such as LED |
| Oman | SQG-05J | D | Musical instruments |
| Oman | SQG-05K | D | Educational games |
| Poland | SQG-05H | D | A gaming console |
| Poland | SQG-05I-K | X | Option not administered or data not available |
| Portugal | SQG-05H | D | Dishwasher |
| Portugal | SQG-05I | D | A gaming system (e.g., PlayStation®, Wii®, Xbox®) |
| Portugal | SQG-05J | D | Cable or satellite TV |
| Portugal | SQG-05K | D | Air conditioning |
| Qatar | SQG-05H | D | MP3 or MP4 player |
| Qatar | SQG-05I | D | A television in your room |

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|--------------------|-----------|---|---|
| Qatar | SQG-05J | D | Private house maid |
| Qatar | SQG-05K | D | Private car driver |
| Russian Federation | SQG-05H | D | A car (one or more) |
| Russian Federation | SQG-05I | D | Game console (e.g., PlayStation®, Wii®, Xbox®) |
| Russian Federation | SQG-05J | D | Musical instruments (e.g., guitar, piano) |
| Russian Federation | SQG-05K | D | An apartment (or house) with 4 or more rooms |
| Saudi Arabia | SQG-05H | D | Smart TV |
| Saudi Arabia | SQG-05I | D | Personal tutor |
| Saudi Arabia | SQG-05J | D | E-reader |
| Saudi Arabia | SQG-05K | D | Home theater |
| Serbia | SQG-05H-K | X | Option not administered or data not available |
| Singapore | SQG-05H | D | Car |
| Singapore | SQG-05I | D | Domestic help (e.g., maid) |
| Singapore | SQG-05J | D | Air-conditioner |
| Singapore | SQG-05K | D | Your own digital media player (e.g., MP3 or DVD player, iPod) |
| Slovak Republic | SQG-05H | D | Computer learning programs or applications |
| Slovak Republic | SQG-05I | D | Musical instrument |
| Slovak Republic | SQG-05J | D | Electronic book reader (if ITLANG = 17) / E-reader (if ITLANG = 30) |
| Slovak Republic | SQG-05K | D | Sports equipment |
| Slovenia | SQG-05H | D | Encyclopedias, dictionaries, etc. |
| Slovenia | SQG-05I | D | Every year I go on a vacation outside my hometown with my parents for at least a week |
| Slovenia | SQG-05J | D | I attend music school |
| Slovenia | SQG-05K | D | I go to the movies, theater or a concert with my parents twice a year |
| South Africa | SQG-05H | D | Daily newspaper |

| | | | |
|----------------------|-----------|---|---|
| South Africa | SQG-05I | D | Dictionary |
| South Africa | SQG-05J | D | Electricity |
| South Africa | SQG-05K | D | Running tap water |
| Spain | SQG-05H-K | X | Option not administered or data not available |
| Sweden | SQG-05H-K | X | Option not administered or data not available |
| Turkiye | SQG-05H-K | X | Option not administered or data not available |
| United Arab Emirates | SQG-05H | D | Video games (e.g., PlayStation®, Wii®, Xbox®) |
| United Arab Emirates | SQG-05I | D | Private gaming room |
| United Arab Emirates | SQG-05J | D | A pet |
| United Arab Emirates | SQG-05K | D | Personal driver |
| United States | SQG-05A-K | X | Question not administered or data not available |
| Uzbekistan | SQG-05H | D | Bookshelf |
| Uzbekistan | SQG-05I | D | Family library |
| Uzbekistan | SQG-05J-K | X | Option not administered or data not available |

Benchmarking Participants

| | | | |
|-------------------------------|---------|---|--|
| Alberta, Canada | SQG-05H | D | A quiet place to study |
| Alberta, Canada | SQG-05I | D | Books of your own (do not count your school books) |
| Alberta, Canada | SQG-05J | D | Books to help you with your school work (e.g., dictionary, encyclopedia) |
| Alberta, Canada | SQG-05K | D | Gaming console (e.g., Nintendo Switch™, Xbox®, PlayStation®) |
| British Columbia, Canada | SQG-05H | D | A quiet place to study |
| British Columbia, Canada | SQG-05I | D | Books of your own (do not count your school books) |
| British Columbia, Canada | SQG-05J | D | Books to help you with your school work (e.g., dictionary, encyclopedia) |
| British Columbia, Canada | SQG-05K | D | Gaming console (e.g., Nintendo Switch™, Xbox®, PlayStation®) |
| Newfoundland & Labrador, Can. | SQG-05H | D | A quiet place to study |

| | | | |
|-------------------------------|-----------|---|--|
| Newfoundland & Labrador, Can. | SQG-05I | D | Books of your own (do not count your school books) |
| Newfoundland & Labrador, Can. | SQG-05J | D | Books to help you with your school work (e.g., dictionary, encyclopedia) |
| Newfoundland & Labrador, Can. | SQG-05K | D | Gaming console (e.g., Nintendo Switch™, Xbox®, PlayStation®) |
| Quebec, Canada | SQG-05H | D | A quiet place to study |
| Quebec, Canada | SQG-05I | D | Books of your own (do not count your school books) |
| Quebec, Canada | SQG-05J | D | Books to help you with your school work (e.g., dictionary, encyclopedia) |
| Quebec, Canada | SQG-05K | D | Gaming console (e.g., Nintendo Switch™, Xbox®, PlayStation®) |
| Moscow City, Russian Fed. | SQG-05H-K | X | Option not administered or data not available |
| South Africa (6) | SQG-05H | D | Daily newspaper |
| South Africa (6) | SQG-05I | D | Dictionary |
| South Africa (6) | SQG-05J | D | Electricity |
| South Africa (6) | SQG-05K | D | Running tap water |
| Abu Dhabi, UAE | SQG-05H | D | Video games (e.g., PlayStation®, Wii®, Xbox®) |
| Abu Dhabi, UAE | SQG-05I | D | Private gaming room |
| Abu Dhabi, UAE | SQG-05J | D | A pet |
| Abu Dhabi, UAE | SQG-05K | D | Personal driver |
| Dubai, UAE | SQG-05H | D | Video games (e.g., PlayStation®, Wii®, Xbox®) |
| Dubai, UAE | SQG-05I | D | Private gaming room |
| Dubai, UAE | SQG-05J | D | A pet |
| Dubai, UAE | SQG-05K | D | Personal driver |

SQG-06

Question:

About how often are you absent from school?

- 1 = Once a week
- 2 = Once every two weeks
- 3 = Once a month
- 4 = Once every two months
- 5 = Never or almost never

Variable Name(s): ASBG06

| Country | Item ID | Code | Documentation |
|-------------|---------|------|--|
| Lithuania | SQG-06 | D | Nationally defined categories: 1 = Once a week 2 = Once every two weeks 3 = Once a month 4 = Once every two months 5 = Always or almost always come to school (if ITLANG = 22) / Never or almost never (if ITLANG = 27 or 29) |
| New Zealand | SQG-06 | D | Stem of the question changed: About how often are you absent, for any reason, from school? |

SQG-07A-B

Question:

How often do you feel this way when you arrive at school?

- A: I feel tired
- B: I feel hungry

- 1 = Every day
- 2 = Almost every day
- 3 = Sometimes
- 4 = Never

Variable Name(s): ASBG07A, ASBG07B

| Country | Item ID | Code | Documentation |
|------------------|-----------|------|--|
| Belgium (French) | SQG-07A-B | X | Question not administered or data not available |
| Croatia | SQG-07A-B | D | Stem of the question changed: How often do you feel tired and hungry when you arrive at school? |

SQG-08A-B

Question:

How much time do you spend using a computer, tablet, or smartphone to do these activities for your schoolwork on a normal school day?

A: Finding and reading information

B: Preparing reports and presentations

1 = No time

2 = 30 minutes or less

3 = More than 30 minutes

Variable Name(s):

ASBG08A, ASBG08B

Country

Item ID

Code

Documentation

Croatia

SQG-08A-B

D

Nationally defined categories:
1 = No time (0 minutes)
2 = 30 minutes or less
3 = More than 30 minutes

Germany

SQG-08A-B

D

Stem of the question changed:
On a normal school day, how long do you use a computer (PC or laptop), tablet or smartphone for school work?

Netherlands

SQG-08B

D

Preparing presentations and reports (for example a book report)

SQG-09A-H

Question:

How much do you agree with these statements about using computers, tablets, or smartphones?

- A: I am good at using a computer or tablet
- B: I am good at typing
- C: It is easy for me to find information on the internet
- D: I know how to create written stories or reports
- E: I know how to create presentations
- F: I can recognize a website that is useful to me
- G: I can tell if a website is trustworthy
- H: I know how to make and share a video

- 1 = Agree a lot
- 2 = Agree a little
- 3 = Disagree a little
- 4 = Disagree a lot

Variable Name(s): ASBG09A, ASBG09B, ASBG09C, ASBG09D, ASBG09E, ASBG09F, ASBG09G, ASBG09H

| Country | Item ID | Code | Documentation |
|-----------------|---------|------|---|
| Georgia | SQG-09D | D | I know how to create written texts (e.g., stories or reports) |
| Hungary | SQG-09E | D | I know how to create slides for presentations. |
| Lithuania | SQG-09B | D | I am good at typing using the computer keyboard (if ITLANG = 22) / I am good at writing using the computer keyboard (if ITLANG = 27) / I am good at typing (if ITLANG = 29) |
| Slovak Republic | SQG-09B | D | I am good at typing. (if ITLANG = 17) / I am good at typing on a computer. (if ITLANG = 30) |
| Slovak Republic | SQG-09H | D | I know how to make and share a video. (if ITLANG = 17) / I know how to make and publish a video. (if ITLANG = 30) |

SQG-11A-J

Question:

During this year, how often have other students from your school done any of the following things to you, including through texting or the internet?

- A: Made fun of me or called me names
- B: Left me out of their games or activities
- C: Spread lies about me
- D: Stole something from me
- E: Damaged something of mine on purpose
- F: Hit or hurt me (e.g., shoving, hitting, kicking)
- G: Made me do things I didn't want to do
- H: Sent me nasty or hurtful messages online
- I: Shared nasty or hurtful information about me online
- J: Threatened me

- 1 = At least once a week
- 2 = Once or twice a month
- 3 = A few times a year
- 4 = Never

Variable Name(s): ASBG11A, ASBG11B, ASBG11C, ASBG11D, ASBG11E, ASBG11F, ASBG11G, ASBG11H, ASBG11I, ASBG11J

| Country | Item ID | Code | Documentation |
|-------------------|-----------|------|--|
| Belgium (Flemish) | SQG-11A-J | D | Stem of the question changed: During this year, how often have other students from your school done any of the following things to you, (through social media, sms, mail or the internet)? |
| Denmark | SQG-11A-J | D | Stem of the question changed: During this year, how often have other students from your school done any of the following things to you, including through texting, Instagram or the internet? |
| Denmark | SQG-11F | D | They have beaten, pushed or kicked me. |
| Germany | SQG-11A-J | D | Stem of the question changed: How many times this year have other children from your school done the following things (in person, by text message or on the Internet)? |
| Israel | SQG-11A-J | X | Question not administered or data not available |

| | | | |
|-------------|-----------|---|---|
| Netherlands | SQG-11A-J | D | Stem of the question changed: How often have other children from your school done any of the following things to you? This could also have happened through telephone (e.g., WhatsApp, Snapchat, Instagram) or the internet. |
| New Zealand | SQG-11A | D | Made fun of me or called me names that upset me |

SQR-01A-I

Question:

Think about the reading you do for school. How much do you agree with these statements about your reading lessons?

- A: I like what I read about in school
- B: My teacher gives me interesting things to read
- C: I know what my teacher expects me to do
- D: My teacher is easy to understand
- E: I am interested in what my teacher says
- F: My teacher encourages me to say what I think about what I have read
- G: My teacher lets me show what I have learned
- H: My teacher does a variety of things to help us learn
- I: My teacher tells me how to do better when I make a mistake

- 1 = Agree a lot
- 2 = Agree a little
- 3 = Disagree a little
- 4 = Disagree a lot

Variable Name(s): ASBR01A, ASBR01B, ASBR01C, ASBR01D, ASBR01E, ASBR01F, ASBR01G, ASBR01H, ASBR01I

| Country | Item ID | Code | Documentation |
|----------------|-----------|------|--|
| Austria | SQR-01I | D | My teacher helps me to correct mistakes. |
| Bulgaria | SQR-01H | D | My teacher does a variety of things to help me learn |
| Chinese Taipei | SQR-01A-I | D | Stem of the question changed: About your reading lessons, please select your agreement with each of the following statements. |
| Georgia | SQR-01A-I | D | Stem of the question changed: Think about the reading you do for school. How much do you agree with these statements about your Georgian language and literature lessons? |

| | | | |
|-------------|-----------|---|--|
| Israel | SQR-01A-I | D | Stem of the question changed: Think about the reading you do for school. How much do you agree with these statements about your reading lessons?(if ITLANG = 16) / Think about the reading you do in class and in homework. How much do you agree with these statements about your Arabic lessons? (if ITLANG = 53) |
| New Zealand | SQR-01A-I | D | Stem of the question changed: Think about when you have reading at school. How much do you agree with these statements? |
| New Zealand | SQR-01I | D | My teacher tells me how to do something differently when I make a mistake |
| Turkiye | SQR-01A-I | D | Stem of the question changed: Think about the reading you do for school. How much do you agree with these statements about your Turkish lessons? |

SQR-02A-E

Question:

How often do these things happen during your reading lessons?

- A: Students don't listen to what the teacher says
- B: There is too much noise for students to work well
- C: My teacher has to wait a long time for students to be quiet
- D: Students interrupt the teacher
- E: My teacher has to keep telling us to follow the classroom rules

- 1 = Every or almost every lesson
- 2 = About half the lessons
- 3 = Some lessons
- 4 = Never

Variable Name(s): ASBR02A, ASBR02B, ASBR02C, ASBR02D, ASBR02E

| Country | Item ID | Code | Documentation |
|----------|-----------|------|---|
| Bulgaria | SQR-02A | D | We don't listen |
| Bulgaria | SQR-02B | D | We can't work well, because someone ruins the discipline |
| Bulgaria | SQR-02C | D | My teacher has to wait a long time for us to quiet down |
| Bulgaria | SQR-02D | D | We interrupt the teacher |
| Israel | SQR-02A-E | D | Stem of the question changed: How often do these things happen during your reading lessons? (if ITLANG = 16) / How often do these things happen during your Arabic lessons? (if ITLANG = 53) |

SQR-03A-C

Question:

In school, how often do these things happen?

A: I read silently on my own

B: I read things that I choose myself

C: My teacher asks us in class to talk about what we have read

1 = Every day or almost every day

2 = Once or twice a week

3 = Once or twice a month

4 = Never or almost never

| Variable Name(s): | ASBR03A, ASBR03B, ASBR03C | | |
|--------------------------|---------------------------|------|---|
| Country | Item ID | Code | Documentation |
| Bulgaria | SQR-03C | D | Your teacher encourages you to talk in class about what you have read. |
| New Zealand | SQR-03A-C | D | Stem of the question changed: How often do these things happen when you are doing any reading at school? |

SQR-04

Question:

How often do you borrow books (including ebooks) from your <school or local library>?

1 = At least once a week

2 = Once or twice a month

3 = A few times a year

4 = Never or almost never

| Variable Name(s): | ASBR04 | | |
|--------------------------|---------|------|---|
| Country | Item ID | Code | Documentation |
| Austria | SQR-04 | D | The school library or the library in your area (e.g., city or community library) |
| Belgium (Flemish) | SQR-04 | D | The class library, the school library or the local library (for example in your municipality) |

| | | | |
|----------------------------------|--------|---|---|
| Bulgaria | SQR-04 | D | Stem of the question changed: How often do you borrow books from your school or local library? |
| France | SQR-04 | D | School or public library |
| Georgia | SQR-04 | D | Your school library, or your city or village library |
| Israel | SQR-04 | D | School or local library (if ITLANG = 16) / School or public library (if ITLANG = 53) |
| Italy | SQR-04 | D | School library or another local library |
| Kazakhstan | SQR-04 | D | School library |
| Lithuania | SQR-04 | D | School or public library |
| Macao | SQR-04 | D | School library or public library |
| Montenegro | SQR-04 | D | School or other library |
| Morocco | SQR-04 | D | School or municipal library |
| Poland | SQR-04 | D | School or public library |
| Portugal | SQR-04 | D | School library or other library |
| Serbia | SQR-04 | D | School or city library |
| Singapore | SQR-04 | D | School or public library |
| Spain | SQR-04 | D | Classroom library, school library or public library |
| Benchmarking Participants | | | |
| Alberta, Canada | SQR-04 | D | School or the public library |
| British Columbia, Canada | SQR-04 | D | School or the public library |
| Newfoundland & Labrador, Can. | SQR-04 | D | School or the public library |
| Quebec, Canada | SQR-04 | D | School or the public library |

SQR-05

Question:

How much time do you spend reading outside of school on a normal school day?

- 1 = Less than 30 minutes
- 2 = 30 minutes up to 1 hour
- 3 = From 1 hour up to 2 hours
- 4 = 2 hours or more

Variable Name(s): ASBR05

| Country | Item ID | Code | Documentation |
|-------------|---------|------|---|
| Israel | SQR-05 | D | Stem of the question changed: How much time do you spend reading outside of school on a normal school day? (if ITLANG = 16) / How much time do you spend reading outside of school (including reading for homework) on a normal school day? (if ITLANG = 53) |
| Netherlands | SQR-05 | D | National categories recoded for international comparability: 1 = No time / 15 minutes up to 30 minutes 2 = 30 minutes up to 1 hour / 30 minutes up to 1 hour 3 = From 1 hour up to 2 hour 4 = 2 hours or more |

SQR-08A-F

Question:

How well do you read? Tell how much you agree with each of these statements.

- A: I usually do well in reading
- B: Reading is easy for me
- C: I have trouble reading stories with difficult words
- D: Reading is harder for me than for many of my classmates
- E: Reading is harder for me than any other subject
- F: I am just not good at reading

- 1 = Agree a lot
- 2 = Agree a little
- 3 = Disagree a little
- 4 = Disagree a lot

Variable Name(s): ASBR08A, ASBR08B, ASBR08C, ASBR08D, ASBR08E, ASBR08F

| Country | Item ID | Code | Documentation |
|-------------|---------|------|---|
| Denmark | SQR-08E | D | Reading is harder for me than anything else. |
| New Zealand | SQR-08C | D | I have trouble reading when there are difficult words |

Student Tracking Variables

Variable Labels

Language of Student Achievement Test

Locale ID of Student Achievement Test

Language of Student Questionnaire

Locale ID of Student Questionnaire

Variable Name(s): ITLANG_SA, LCID_SA, ITLANG_SQ, LCID_SQ

| Country | Item ID | Code | Documentation |
|-------------|-----------|------|---|
| New Zealand | ITLANG_SA | X | Question not administered or data not available |
| New Zealand | LCID_SA | X | Question not administered or data not available |
| New Zealand | ITLANG_SA | X | Question not administered or data not available |
| New Zealand | LCID_SQ | X | Question not administered or data not available |

SECTION 2

National Adaptations of the Home Questionnaire (Early Learning Survey)

HQ-01A-R

Question:

Before your child began primary/elementary school, how often did you or someone else in your home do the following activities with him or her?

- A: Read books
 - B: Tell stories
 - C: Sing songs
 - D: Play with alphabet toys (e.g., blocks with letters of the alphabet)
 - E: Talk about things you had done
 - F: Talk about what you had read
 - G: Play word games
 - H: Write letters or words
 - I: Read aloud signs and labels
 - J: Say counting rhymes or sing counting songs
 - K: Play with number toys (e.g., blocks with numbers)
 - L: Count different things
 - M: Play games involving shapes (e.g., shape sorting toys, puzzles)
 - N: Play with building blocks or construction toys
 - O: Play board or card games
 - P: Write numbers
 - Q: Draw shapes
 - R: Measure or weigh things (e.g., when cooking)
- 1 = Often
2 = Sometimes
3 = Never or almost never

Variable Name(s):

ASBH01A, ASBH01B, ASBH01C, ASBH01D, ASBH01E, ASBH01F, ASBH01G, ASBH01H, ASBH01I, ASBH01J, ASBH01K, ASBH01L, ASBH01M, ASBH01N, ASBH01O, ASBH01P, ASBH01Q, ASBH01R

Country

Item ID

Code

Documentation

Chinese Taipei

HQ-01G

D

Play word games (e.g., answer a riddle, word fan-tan)

| | | | |
|----------------|--------|---|--|
| Chinese Taipei | HQ-01O | D | Play chess, board games or card games |
| Czech Republic | HQ-01G | D | Play word games (e.g., identify the first or the last letter of a word, name all the letters in a word) |
| Israel | HQ-01G | D | Play word games (if ITLANG = 16) / Play word games (e.g., word puzzles) (if ITLANG = 53) |
| Israel | HQ-01M | D | Play games involving shapes (e.g., shape sorting toys, puzzles) (if ITLANG = 16) / Play games involving shapes (e.g., Lego) (if ITLANG = 53) |
| Italy | HQ-01I | D | Read aloud signs (of commercial activities), (road) signs and labels |

HQ-02A

Question:

Was your child born in <country> ?

1 = Yes (If Yes, go to #3)

2 = No

Variable Name(s): ASBH02A

| Country | Item ID | Code | Documentation |
|----------------|---------|------|--|
| Chinese Taipei | HQ-02A | D | Republic of China (including Taiwan, Penghu, Kinmen and Matsu) |
| Spain | HQ-02A | D | Our country |

HQ-02B

Question:

If No,
How old was your child when he/she came to <country>?

1 = Younger than 3 years old

2 = 3 to 5 years old

3 = 6 to 7 years old

4 = 8 years old or older

Variable Name(s): ASBH02B

| Country | Item ID | Code | Documentation |
|----------------|---------|------|--|
| Chinese Taipei | HQ-02B | D | Republic of China (including Taiwan, Penghu, Kinmen and Matsu) |

| | | | |
|-------------|--------|---|--|
| Netherlands | HQ-02B | D | Nationally defined categories: 1 = 2 years or younger 2 = 3 to 5 years old 3 = 6 to 7 years old 4 = 8 years or older |
| Spain | HQ-02B | D | Our country |

HQ-03A-F

Question:

What language did your child speak before he/she began school? If your child spoke more than one language check "Yes" for more than one language.

A: <language of test>
B: <country-specific>
C: <country-specific>
D: <country-specific>
E: <country-specific>
F: Other

1 = Yes
2 = No

Variable Name(s): ASBH03A, ASBH03B, ASBH03C, ASBH03D, ASBH03E, ASBH03F

| Country | Item ID | Code | Documentation |
|---------|---------|------|---------------|
| Albania | HQ-03A | D | Albanian |
| Albania | HQ-03B | D | English |
| Albania | HQ-03C | D | French |
| Albania | HQ-03D | D | German |
| Albania | HQ-03E | D | Italian |
| Albania | HQ-03F | D | Greek / Other |
| Austria | HQ-03A | D | German |
| Austria | HQ-03B | D | Albanian |
| Austria | HQ-03C | D | Arabic |
| Austria | HQ-03D | D | Bosnian |
| Austria | HQ-03E | D | English |

| | | | |
|-------------------|--------|---|---|
| Austria | HQ-03F | D | Croatian / Kurdish / Polish / Romanian / Serbian / Turkish / Hungarian / Another language |
| Azerbaijan | HQ-03A | D | Russian language (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Azerbaijan | HQ-03B | D | Azerbaijani language (if ITLANG = 29) / Russian language (if ITLANG = 55) |
| Azerbaijan | HQ-03C | D | Lazghin language |
| Azerbaijan | HQ-03D | D | Talysh language |
| Azerbaijan | HQ-03E | D | English language |
| Bahrain | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Bahrain | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Bahrain | HQ-03C | D | Persian |
| Bahrain | HQ-03D | D | Indian language |
| Bahrain | HQ-03E | D | Pakistani language |
| Belgium (Flemish) | HQ-03A | D | Dutch (this also includes 'Flemish' and 'Flemish' dialects) |
| Belgium (Flemish) | HQ-03B | D | French |
| Belgium (Flemish) | HQ-03C | D | English |
| Belgium (Flemish) | HQ-03D | D | Albanian |
| Belgium (Flemish) | HQ-03E | D | Arabic (this also includes Moroccan-Arabic) |
| Belgium (Flemish) | HQ-03F | D | Armenian / Assyrian / A Berber language / Polish / Russian / Spanish / Turkish / Other language |
| Belgium (French) | HQ-03A | D | French |
| Belgium (French) | HQ-03B | D | Dutch or German |
| Belgium (French) | HQ-03C | D | An Arabic language (Moroccan, Tunisian, Algerian,...) |
| Belgium (French) | HQ-03D | D | Another Western European language (Spanish, Italian, Greek, English,...) |
| Belgium (French) | HQ-03E | D | A Central or Eastern European language (Polish, Romanian, Serbian, Russian,...) |
| Belgium (French) | HQ-03F | D | Turkish / An African language (Swahili, Lingala,...) / Other |

| | | | |
|----------------|----------|---|--|
| Brazil | HQ-03A | D | Portuguese |
| Brazil | HQ-03B | D | Spanish |
| Brazil | HQ-03C | D | German |
| Brazil | HQ-03D | D | Italian |
| Brazil | HQ-03E | X | Option not administered or data not available |
| Bulgaria | HQ-03A | D | Bulgarian language |
| Bulgaria | HQ-03B | D | Turkish language |
| Bulgaria | HQ-03C | D | Roma language |
| Bulgaria | HQ-03D-E | X | Option not administered or data not available |
| Chinese Taipei | HQ-03A | D | Mandarin |
| Chinese Taipei | HQ-03B | D | Taiwanese (Fukien) |
| Chinese Taipei | HQ-03C | D | Hakka |
| Chinese Taipei | HQ-03D | D | Aboriginal languages |
| Chinese Taipei | HQ-03E | D | English or American English |
| Chinese Taipei | HQ-03F | D | New resident language from Southeast Asia (Vietnam, Indonesia, Thailand, Myanmar, Cambodia, Malaysia, Philippines) / Other |
| Croatia | HQ-03A | D | Croatian language |
| Croatia | HQ-03B | D | Serbian language |
| Croatia | HQ-03C | D | Italian language |
| Croatia | HQ-03D | D | Hungarian language |
| Croatia | HQ-03E | D | Czech language |
| Cyprus | HQ-03A | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Cyprus | HQ-03B | D | Greek (if ITLANG = 1) / English (if ITLANG = 44) |
| Cyprus | HQ-03C | D | Russian |
| Cyprus | HQ-03D | D | Bulgarian |
| Cyprus | HQ-03E | D | Romanian |

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|----------------|--------|---|---|
| Cyprus | HQ-03F | D | Arabic / Other |
| Czech Republic | HQ-03A | D | Czech |
| Czech Republic | HQ-03B | D | Slovak |
| Czech Republic | HQ-03C | D | Romani |
| Czech Republic | HQ-03D | D | Russian |
| Czech Republic | HQ-03E | D | Ukrainian |
| Czech Republic | HQ-03F | D | Vietnamese / Other |
| Denmark | HQ-03A | D | Danish |
| Denmark | HQ-03B | D | Turkish |
| Denmark | HQ-03C | D | Polish |
| Denmark | HQ-03D | D | Arabic |
| Denmark | HQ-03E | D | German |
| Denmark | HQ-03F | D | Romanian / Serbian or Croatian or Bosnian / Persian or Farsi / Norwegian or Swedish / English / Punjabi / Other |
| Egypt | HQ-03A | D | Arabic |
| Egypt | HQ-03B | D | English |
| Egypt | HQ-03C | D | French |
| Egypt | HQ-03D | D | German |
| Egypt | HQ-03E | D | Italian |
| Finland | HQ-03A | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| Finland | HQ-03B | D | Finnish (if ITLANG = 32) / Swedish (if ITLANG = 43) |
| Finland | HQ-03C | D | Sami |
| Finland | HQ-03D | D | Romany |
| Finland | HQ-03E | D | Russian |
| France | HQ-03A | D | French |
| France | HQ-03B | D | Arabic |

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|-----------------------|----------|---|--|
| France | HQ-03C | D | Another language from Africa |
| France | HQ-03D | D | Portuguese |
| France | HQ-03E | D | Turkish |
| Georgia | HQ-03A | D | Georgian |
| Georgia | HQ-03B | D | Russian |
| Georgia | HQ-03C | D | Armenian |
| Georgia | HQ-03D | D | Azerbaijani |
| Georgia | HQ-03E | D | Megrelian |
| Germany | HQ-03A | D | German |
| Germany | HQ-03B | D | Arabic |
| Germany | HQ-03C | D | Polish |
| Germany | HQ-03D | D | Russian |
| Germany | HQ-03E | D | Turkish |
| Hong Kong SAR | HQ-03A | D | Cantonese |
| Hong Kong SAR | HQ-03B | D | Mandarin |
| Hong Kong SAR | HQ-03C | D | English |
| Hong Kong SAR | HQ-03D | D | Other Chinese dialects (for example: Fujian, Shanghai dialect, etc.) |
| Hong Kong SAR | HQ-03E | D | Other Asian language (for example: Indonesian, Thai, Hindi, etc.) |
| Hungary | HQ-03A | D | Hungarian |
| Hungary | HQ-03B-E | X | Option not administered or data not available |
| Iran, Islamic Rep. of | HQ-03A | D | Farsi |
| Iran, Islamic Rep. of | HQ-03B | D | Turkish |
| Iran, Islamic Rep. of | HQ-03C | D | Kurdish |
| Iran, Islamic Rep. of | HQ-03D | D | Arabic |
| Iran, Islamic Rep. of | HQ-03E | D | Baloochi |

| | | | |
|-----------------------|--------|---|---|
| Iran, Islamic Rep. of | HQ-03F | D | Lori / Other |
| Ireland | HQ-03A | D | English |
| Ireland | HQ-03B | D | Irish |
| Ireland | HQ-03C | D | Polish |
| Ireland | HQ-03D | D | Romanian |
| Ireland | HQ-03E | D | French |
| Israel | HQ-03A | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Israel | HQ-03B | D | Russian (or other languages of the CIS) (if ITLANG = 16) / Hebrew (if ITLANG = 53) |
| Israel | HQ-03C | D | Amharic or Tigrinya (if ITLANG = 16) / English (if ITLANG = 53) |
| Israel | HQ-03D | D | English (if ITLANG = 16) / Option not administered or data not available (if ITLANG = 53) |
| Israel | HQ-03E | D | French (if ITLANG = 16) / Option not administered or data not available (if ITLANG = 53) |
| Israel | HQ-03F | D | Spanish or other (if ITLANG = 16) / Other (if ITLANG = 53) |
| Italy | HQ-03A | D | Italian |
| Italy | HQ-03B | D | Another language recognized in Italy (e.g., Ladin in Alto Adige, French in Val d'Aosta) |
| Italy | HQ-03C | D | A dialect |
| Italy | HQ-03D | D | Another language of an EU country |
| Italy | HQ-03E | X | Option not administered or data not available |
| Italy | HQ-03F | D | Another language (e.g., Albanian, Arabic, Chinese, etc.) |
| Jordan | HQ-03A | D | Arabic |
| Jordan | HQ-03B | D | English |
| Jordan | HQ-03C | D | Romanian |
| Jordan | HQ-03D | D | German |
| Jordan | HQ-03E | D | Russian |

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|------------|--------|---|---|
| Kazakhstan | HQ-03A | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kazakhstan | HQ-03B | D | Kazakh language (if ITLANG = 29) / Russian language (if ITLANG = 39) |
| Kazakhstan | HQ-03C | D | Uzbek language |
| Kazakhstan | HQ-03D | D | Tadjik language |
| Kazakhstan | HQ-03E | D | Uighur language |
| Kosovo | HQ-03A | D | Albanian |
| Kosovo | HQ-03B | D | English |
| Kosovo | HQ-03C | D | French |
| Kosovo | HQ-03D | D | German |
| Kosovo | HQ-03E | D | Italian |
| Latvia | HQ-03A | D | Latvian (if ITLANG = 21) / Russian (if ITLANG = 29) |
| Latvia | HQ-03B | D | Russian (if ITLANG = 21) / Latvian (if ITLANG = 29) |
| Latvia | HQ-03C | D | Belorussian |
| Latvia | HQ-03D | D | Ukrainian |
| Latvia | HQ-03E | D | Polish |
| Latvia | HQ-03F | D | English / Other |
| Lithuania | HQ-03A | D | Lithuanian language (if ITLANG = 22) / Polish language (if ITLANG = 27) / Russian language (if ITLANG = 29) |
| Lithuania | HQ-03B | D | Russian language (if ITLANG = 22 or 27) / Lithuanian language (if ITLANG = 29) |
| Lithuania | HQ-03C | D | Polish language (if ITLANG = 22 or 29) / Lithuanian language (if ITLANG = 27) |
| Lithuania | HQ-03D | D | English language |
| Lithuania | HQ-03E | X | Option not administered or data not available |
| Macao | HQ-03A | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Macao | HQ-03B | D | Chinese (if ITLANG = 1 or 45) / Portuguese (if ITLANG = 10) |

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|-------------|----------|---|---|
| Macao | HQ-03C | D | Portuguese (if ITLANG = 1) / English (if ITLANG = 10 or 45) |
| Macao | HQ-03D | D | Filipino |
| Macao | HQ-03E | D | Other European language (e.g. French, Spanish) |
| Malta | HQ-03A | D | English (if ITLANG = 1) / Maltese (if ITLANG = 48) |
| Malta | HQ-03B | D | Maltese (if ITLANG = 1) / English (if ITLANG = 48) |
| Malta | HQ-03C-E | X | Option not administered or data not available |
| Montenegro | HQ-03A | D | Montenegrin language |
| Montenegro | HQ-03B | D | Serbian language |
| Montenegro | HQ-03C | D | Bosnian language |
| Montenegro | HQ-03D | D | Croatian language |
| Montenegro | HQ-03E | D | Albanian language |
| Morocco | HQ-03A | D | Arabic |
| Morocco | HQ-03B | D | Amazigh |
| Morocco | HQ-03C | D | Darija |
| Morocco | HQ-03D | D | French |
| Morocco | HQ-03E | D | English |
| Netherlands | HQ-03A | D | Dutch |
| Netherlands | HQ-03B | D | Regional language (Fries, Limburgs or Nedersaksisch) |
| Netherlands | HQ-03C-E | X | Option not administered or data not available |
| New Zealand | HQ-03A | D | English / Maori |
| New Zealand | HQ-03B | D | Maori / English |
| New Zealand | HQ-03C | D | A Pacific language (e.g., Samoan, Tongan, Cook Islands Maori) |
| New Zealand | HQ-03D | D | An Asian language (e.g., Mandarin, Hindi, Tagalog, Urdu) |
| New Zealand | HQ-03E | D | A European language (e.g., French, Spanish) |
| New Zealand | HQ-03F | D | Another language (e.g., NZ Sign Language, Afrikaans, Somali, Farsi) |

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|------------------|----------|---|--|
| North Macedonia | HQ-03A | D | Albanian language (if ITLANG = 5) / Macedonian language (if ITLANG = 23) |
| North Macedonia | HQ-03B | D | Macedonian language (if ITLANG = 5) / Albanian language (if ITLANG = 23) |
| North Macedonia | HQ-03C | D | Turkish language |
| North Macedonia | HQ-03D | D | Serbian language |
| North Macedonia | HQ-03E | D | Romani language |
| Northern Ireland | HQ-03A | D | English |
| Northern Ireland | HQ-03B | D | Irish |
| Northern Ireland | HQ-03C | D | Polish |
| Northern Ireland | HQ-03D | D | Lithuanian |
| Northern Ireland | HQ-03E | D | Romanian |
| Northern Ireland | HQ-03F | D | Arabic / Portuguese / Other |
| Norway (5) | HQ-03A | D | Norwegian |
| Norway (5) | HQ-03B | D | Danish or Swedish |
| Norway (5) | HQ-03C-E | X | Option not administered or data not available |
| Oman | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Oman | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Oman | HQ-03C | D | Swahili |
| Oman | HQ-03D | D | Urdu (Balochi) |
| Oman | HQ-03E | D | Persian (Lawatian) |
| Poland | HQ-03A | D | Polish |
| Poland | HQ-03B | D | Belarussian |
| Poland | HQ-03C | D | German |
| Poland | HQ-03D | D | Russian |
| Poland | HQ-03E | D | Ukrainian |
| Poland | HQ-03F | D | Vietnamese / Other |

| | | | |
|--------------------|----------|---|---|
| Portugal | HQ-03A | D | Portuguese |
| Portugal | HQ-03B | D | Creole |
| Portugal | HQ-03C | D | Ukrainian |
| Portugal | HQ-03D | D | Chinese |
| Portugal | HQ-03E | D | English |
| Qatar | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Qatar | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Qatar | HQ-03C | D | Persian |
| Qatar | HQ-03D | D | Urdu |
| Qatar | HQ-03E | D | Somali |
| Russian Federation | HQ-03A | D | Russian |
| Russian Federation | HQ-03B-E | X | Option not administered or data not available |
| Saudi Arabia | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Saudi Arabia | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Saudi Arabia | HQ-03C | D | French |
| Saudi Arabia | HQ-03D | D | German |
| Saudi Arabia | HQ-03E | D | Italian |
| Serbia | HQ-03A | D | Serbian language |
| Serbia | HQ-03B | D | Hungarian language |
| Serbia | HQ-03C | D | Albanian language |
| Serbia | HQ-03D | D | Roma language |
| Serbia | HQ-03E | D | Croatian language |
| Singapore | HQ-03A | D | English |
| Singapore | HQ-03B | D | Mandarin |
| Singapore | HQ-03C | D | Malay |
| Singapore | HQ-03D | D | Tamil |

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|-----------------|----------|---|---|
| Singapore | HQ-03E | D | A Chinese dialect |
| Slovak Republic | HQ-03A | D | Hungarian language (if ITLANG = 17) / Slovak language (if ITLANG = 30) |
| Slovak Republic | HQ-03B | D | Slovak language (if ITLANG = 17) / Hungarian language (if ITLANG = 30) |
| Slovak Republic | HQ-03C | D | Roma language |
| Slovak Republic | HQ-03D | D | Czech language |
| Slovak Republic | HQ-03E | D | Ruthenian language |
| Slovenia | HQ-03A | D | Slovenian |
| Slovenia | HQ-03B | D | Hungarian |
| Slovenia | HQ-03C | D | Italian |
| Slovenia | HQ-03D | D | Romani |
| Slovenia | HQ-03E | D | Croatian |
| Slovenia | HQ-03F | D | Bosnian / Serbian / Macedonian / Albanian / Sign language / Other |
| South Africa | HQ-03A | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| South Africa | HQ-03B | D | Other South African language(s) |
| South Africa | HQ-03C-E | X | Option not administered or data not available |
| South Africa | HQ-03F | D | Other (e.g., French, Portuguese, Mandarin, Shona, etc.) |
| Spain | HQ-03A | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Spain | HQ-03B | D | Catalan (if ITLANG = 2) / Spanish (if ITLANG = (49, 51, 52, 57)) |
| Spain | HQ-03C | D | Galician (if ITLANG = (2, 49, 51, 52)) / Catalan (if ITLANG = 57) |

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|----------------------|----------|---|--|
| Spain | HQ-03D | D | Valencian (if ITLANG = (2, 49, 51, 57)) / Catalan (if ITLANG = 52) |
| Spain | HQ-03E | D | Basque (if ITLANG = (2, 49, 52, 57)) / Catalan (if ITLANG = 51) |
| Sweden | HQ-03A | D | Swedish |
| Sweden | HQ-03B-E | X | Option not administered or data not available |
| Turkiye | HQ-03A | D | Turkish |
| Turkiye | HQ-03B-E | X | Option not administered or data not available |
| United Arab Emirates | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| United Arab Emirates | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| United Arab Emirates | HQ-03C | D | Persian |
| United Arab Emirates | HQ-03D | D | Urdu |
| United Arab Emirates | HQ-03E | D | Tagalog |
| Uzbekistan | HQ-03A | D | Russian language (if ITLANG = 29) / Uzbek language (if ITLANG = 71) / Karakalpak language (if ITLANG = 73) |
| Uzbekistan | HQ-03B | D | Uzbek language (if ITLANG = 29) / Russian language (if ITLANG = 71 or 73) |
| Uzbekistan | HQ-03C | D | Karakalpak language (if ITLANG = 29 or 71) / Uzbek language (if ITLANG = 73) |
| Uzbekistan | HQ-03D | D | Tajik language |
| Uzbekistan | HQ-03E | D | Kazakh language |

Benchmarking Participants

| | | | |
|--------------------------|----------|---|--|
| Alberta, Canada | HQ-03A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Alberta, Canada | HQ-03B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| Alberta, Canada | HQ-03C-E | X | Option not administered or data not available |
| British Columbia, Canada | HQ-03A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| British Columbia, Canada | HQ-03B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| British Columbia, Canada | HQ-03C-E | X | Option not administered or data not available |

| | | | |
|-------------------------------|----------|---|---|
| Newfoundland & Labrador, Can. | HQ-03A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | HQ-03B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | HQ-03C-E | X | Option not administered or data not available |
| Quebec, Canada | HQ-03A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | HQ-03B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| Quebec, Canada | HQ-03C-E | X | Option not administered or data not available |
| Moscow City, Russian Fed. | HQ-03A | D | Russian language |
| Moscow City, Russian Fed. | HQ-03B-E | X | Option not administered or data not available |
| South Africa (6) | HQ-03A | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| South Africa (6) | HQ-03B | D | Other South African language(s) |
| South Africa (6) | HQ-03C-E | X | Option not administered or data not available |
| South Africa (6) | HQ-03F | D | Other (e.g., French, Portuguese, Mandarin, Shona, etc.) |
| Abu Dhabi, UAE | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Abu Dhabi, UAE | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Abu Dhabi, UAE | HQ-03C | D | Persian |
| Abu Dhabi, UAE | HQ-03D | D | Urdu |
| Abu Dhabi, UAE | HQ-03E | D | Tagalog |
| Dubai, UAE | HQ-03A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | HQ-03B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Dubai, UAE | HQ-03C | D | Persian |
| Dubai, UAE | HQ-03D | D | Urdu |
| Dubai, UAE | HQ-03E | D | Tagalog |

HQ-04

Question:

How often does your child speak <language of test> at home?

- 1 = Always
- 2 = Almost always
- 3 = Sometimes
- 4 = Never

Variable Name(s): ASBH04

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|--|
| Albania | HQ-04 | D | Albanian |
| Austria | HQ-04 | D | German |
| Azerbaijan | HQ-04 | D | Russian (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | HQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Belgium (Flemish) | HQ-04 | D | Stem of the question changed: How often does your child speak Dutch at home? (By Dutch we also mean 'Flemish' and 'Flemish' dialects) |
| Belgium (French) | HQ-04 | D | French |
| Brazil | HQ-04 | D | Portuguese |
| Bulgaria | HQ-04 | D | Bulgarian language |
| Chinese Taipei | HQ-04 | D | Mandarin |
| Croatia | HQ-04 | D | Croatian language |
| Cyprus | HQ-04 | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Czech Republic | HQ-04 | D | Czech |
| Denmark | HQ-04 | D | Danish |
| Egypt | HQ-04 | D | Arabic |
| Finland | HQ-04 | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| France | HQ-04 | D | French |
| Georgia | HQ-04 | D | Georgian |

| | | | |
|-----------------------|-------|---|--|
| Germany | HQ-04 | D | German |
| Hong Kong SAR | HQ-04 | D | Cantonese |
| Hungary | HQ-04 | D | Hungarian |
| Iran, Islamic Rep. of | HQ-04 | D | Farsi |
| Ireland | HQ-04 | D | English |
| Israel | HQ-04 | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Italy | HQ-04 | D | Italian |
| Jordan | HQ-04 | D | Arabic |
| Kazakhstan | HQ-04 | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kosovo | HQ-04 | D | Albanian |
| Latvia | HQ-04 | D | Latvian (if ITLANG = 21) / Russian (if ITLANG = 29) |
| Lithuania | HQ-04 | D | Language that student is taught at school |
| Macao | HQ-04 | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | HQ-04 | D | English (if ITLANG = 1) / Maltese (if ITLANG = 48) |
| Montenegro | HQ-04 | D | Montenegrin language |
| Morocco | HQ-04 | D | Arabic |
| Netherlands | HQ-04 | D | Dutch |
| New Zealand | HQ-04 | D | English / Maori |
| North Macedonia | HQ-04 | D | Albanian language (if ITLANG = 5) / Macedonian language (if ITLANG = 23) |
| Northern Ireland | HQ-04 | D | English |
| Norway (5) | HQ-04 | D | Norwegian |
| Oman | HQ-04 | D | English (if ITLANG = 1) / Arabic language (if ITLANG = 53) |
| Poland | HQ-04 | D | Polish |
| Portugal | HQ-04 | D | Portuguese |

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|----------------------------------|-------|---|---|
| Qatar | HQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Russian Federation | HQ-04 | D | Russian language |
| Saudi Arabia | HQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | HQ-04 | D | Serbian language |
| Singapore | HQ-04 | D | English |
| Slovak Republic | HQ-04 | D | Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30) |
| Slovenia | HQ-04 | D | Slovenian |
| South Africa | HQ-04 | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Spain | HQ-04 | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | HQ-04 | D | Swedish |
| Turkiye | HQ-04 | D | Turkish |
| United Arab Emirates | HQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Uzbekistan | HQ-04 | D | Russian language (if ITLANG = 29) / Uzbek language (if ITLANG = 71) / Karakalpak language (if ITLANG = 73) |
| Benchmarking Participants | | | |
| Alberta, Canada | HQ-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| British Columbia, Canada | HQ-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | HQ-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | HQ-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Moscow City, Russian Fed. | HQ-04 | D | Russian language |
| South Africa (6) | HQ-04 | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |

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|----------------|-------|---|---|
| Abu Dhabi, UAE | HQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | HQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

HQ-05AA-AB

Question:

Did your child attend the following before <first grade>?

A: Early childhood educational program or center for children under age 3

B: Pre-primary educational program for children age 3 or older, including <Kindergarten>

1 = Yes

2 = No

Variable Name(s): ASBH05AA, ASBH05AB

| Country | Item ID | Code | Documentation |
|-------------------|------------|------|---|
| Albania | HQ-05AB | D | Kindergarten |
| Austria | HQ-05AA-AB | D | First grade of primary or elementary school |
| Austria | HQ-05AB | D | National options recoded for international comparability: Pre-primary educational program for children age 3 or older (e.g., kindergarten, age-mixed children's group) / Pre-school |
| Azerbaijan | HQ-05AB | D | Kindergarten |
| Bahrain | HQ-05AB | D | Kindergarten |
| Belgium (Flemish) | HQ-05AA | D | Child daycare (e.g., childminder, nursery) |
| Belgium (Flemish) | HQ-05AB | D | Kindergarten |
| Belgium (French) | HQ-05AA-AB | D | Stem of the question changed: Did your child attend pre-primary education before first year of primary education? |
| Belgium (French) | HQ-05AA | X | Option not administered or data not available |
| Belgium (French) | HQ-05AB | D | Pre-primary education |
| Brazil | HQ-05AB | D | Pre-school (kindergarten) |
| Bulgaria | HQ-05AA | D | Crèche |
| Bulgaria | HQ-05AB | D | Kindergarten or preprimary group |

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| Chinese Taipei | HQ-05AA-AB | D | Elementary school |
| Chinese Taipei | HQ-05AB | D | Kindergarten |
| Croatia | HQ-05AB | D | Kindergarten |
| Cyprus | HQ-05AB | D | Kindergarten |
| Czech Republic | HQ-05AB | D | Kindergarten |
| Denmark | HQ-05AA-AB | D | Stem of the question changed: Did your child attend nursery or kindergarten? |
| Denmark | HQ-05AA | D | Day nursery or day care |
| Denmark | HQ-05AB | D | Kindergarten |
| Egypt | HQ-05AB | D | Kindergarten |
| Finland | HQ-05AA-AB | D | Stem of the question changed: Did your child attend kindergarten or pre-primary education before starting first grade in primary school? |
| Finland | HQ-05AA | D | Attended kindergarten when under age 3 |
| Finland | HQ-05AB | D | Attended kindergarten or pre-primary education when age 3 or older |
| France | HQ-05AB | D | Pre-primary school or educational program for children 3 years or older |
| Georgia | HQ-05AB | D | Kindergarten |
| Germany | HQ-05AA-AB | D | First grade of elementary or primary school |
| Germany | HQ-05AB | D | Kindergarten or pre-primary school |
| Hong Kong SAR | HQ-05AA-AB | D | Primary 1 |
| Hong Kong SAR | HQ-05AA | D | Education program for children under 3 (e.g., pre-nursery class or playgroup) |
| Hong Kong SAR | HQ-05AB | D | Kindergarten |
| Hungary | HQ-05AA-AB | D | Starting primary school |
| Hungary | HQ-05AA | D | Crèche |
| Hungary | HQ-05AB | D | Kindergarten |
| Iran, Islamic Rep. of | HQ-05AB | D | Kindergarten |

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| Ireland | HQ-05AA-AB | D | First class |
| Ireland | HQ-05AA | D | Formal educational program for children under 3. |
| Ireland | HQ-05AB | D | National categories recoded for international comparability: Formal educational program for children aged 3 or older (e.g., ECCE, Montessori, Naíonra, Early Start, Kindergarten) / Junior Infants or Senior Infants |
| Israel | HQ-05AB | D | City kindergarten or private kindergarten (if ITLANG = 16) / Kindergarten (3 years and older) (if ITLANG = 53) |
| Italy | HQ-05AA-AB | D | Primary school |
| Italy | HQ-05AB | D | Kindergarten |
| Jordan | HQ-05AB | D | Kindergarten |
| Kazakhstan | HQ-05AA-AB | D | Stem of the question changed: Did your child attend the following preschool educational organizations before first grade? |
| Kazakhstan | HQ-05AA | D | Preschool educational organizations for children under age 3 |
| Kazakhstan | HQ-05AB | D | Preschool educational organizations for children starting from age 3 (including kindergarten) |
| Kosovo | HQ-05AB | D | Kindergarten |
| Latvia | HQ-05AA-AB | D | Pre-primary education |
| Latvia | HQ-05AB | D | Kindergarten |
| Lithuania | HQ-05AB | D | Kindergarten or preprimary group in kindergarten |
| Macao | HQ-05AA-AB | D | Primary 1 |
| Macao | HQ-05AB | D | Kindergarten |
| Malta | HQ-05AA | D | Childcare center |
| Malta | HQ-05AB | D | Kindergarten |
| Montenegro | HQ-05AB | D | Kindergarten |
| Morocco | HQ-05AA-AB | D | First grade primary |
| Morocco | HQ-05AB | D | Kindergarten |

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| Netherlands | HQ-05AA-AB | D | Stem of the question changed: Did your child attend the following? |
| Netherlands | HQ-05AA | D | National options recoded for international comparability: Daycare center / Educational daycare program |
| Netherlands | HQ-05AB | D | Kindergarten groups |
| New Zealand | HQ-05AA-AB | D | Stem of the question changed: Did your child participate in early childhood education (ECE) before beginning primary school? (This includes ECE in New Zealand or another country. New Zealand ECE includes kindergarten, kōhanga reo, play center, a home-based service, an education and childcare service, and preschool.) |
| New Zealand | HQ-05AB | D | Early childhood education when your child was 3 years or older |
| North Macedonia | HQ-05AB | D | Kindergarten |
| Northern Ireland | HQ-05AA-AB | X | Question not administered or data not available. |
| Norway (5) | HQ-05AB | D | Kindergarten |
| Oman | HQ-05AB | D | Kindergarten |
| Poland | HQ-05AA | D | Stem of the question changed: Did your child attend a day care center, and for how long? National categories recoded for international comparability: 1 = Less than a year / One year / Two years or more 2 = Did not attend |
| Poland | HQ-05AB | D | Stem of the question changed: Did your child attend kindergarten (before "zero" grade), and for how long? / Did your child attend "zero" grade at kindergarten? / Did your child attend "zero" grade at school? National categories recoded for international comparability: 1= Less than a year / One year / Two years / Three years / Four years or more 2 = Did not attend |
| Portugal | HQ-05AA-AB | D | First grade of primary or elementary school |
| Portugal | HQ-05AB | D | Preschool education |
| Qatar | HQ-05AB | D | Kindergarten |

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| Russian Federation | HQ-05AA-AB | D | Stem of the question changed: Did your child attend any educational institution implementing the following programs of child development before entering in the school? |
| Russian Federation | HQ-05AA | D | Early childhood educational program for children under 3 (e.g., nursery) |
| Russian Federation | HQ-05AB | D | Early childhood educational program for children older than 3 (e.g., kindergarten) |
| Saudi Arabia | HQ-05AB | D | Kindergarten |
| Serbia | HQ-05AB | D | Kindergarten |
| Singapore | HQ-05AA-AB | D | Primary 1 |
| Singapore | HQ-05AA | D | Early childhood educational program or center for children under age 3 (e.g., infant care or pre-nursery program) |
| Singapore | HQ-05AB | D | Pre-primary educational program for children age 3 or older, including nursery and kindergarten |
| Slovak Republic | HQ-05AA-AB | D | Stem of the question changed: Did your child attend the following facilities before he or she started to attend primary school? |
| Slovak Republic | HQ-05AB | D | Kindergarten |
| Slovenia | HQ-05AA-AB | D | Stem of the question changed: Has your child attended kindergarten? |
| Slovenia | HQ-05AA | D | When he was less than 3 years old. |
| Slovenia | HQ-05AB | D | When he was 3 years old or more. |
| South Africa | HQ-05AA | D | Early childhood educational program for children under age 3 (e.g., crèche, day mother) |
| South Africa | HQ-05AB | D | Pre-primary educational program for children age 3 or older (e.g., Grades 000, 00, 0/R) |
| Spain | HQ-05AA-AB | D | First grade of primary education |
| Spain | HQ-05AB | D | Second cycle of early childhood education |
| Sweden | HQ-05AA-AB | D | Preschool class |
| Sweden | HQ-05AB | D | Pre-school for children age 3 or older |
| Turkiye | HQ-05AB | D | Kindergarten |

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| United Arab Emirates | HQ-05AB | D | Kindergarten |
| Uzbekistan | HQ-05AA-AB | D | Grade 1 |
| Uzbekistan | HQ-05AB | D | Kindergarten |
| Benchmarking Participants | | | |
| Alberta, Canada | HQ-05AB | D | Pre-primary or elementary education program including kindergarten for children age 3 or older |
| British Columbia, Canada | HQ-05AB | D | Pre-primary or elementary education program including kindergarten for children age 3 or older |
| Newfoundland & Labrador, Can. | HQ-05AB | D | Pre-primary or elementary education program including kindergarten for children age 3 or older |
| Quebec, Canada | HQ-05AB | D | Pre-primary or elementary education program including kindergarten for children age 3 or older |
| Moscow City, Russian Fed. | HQ-05AA-AB | D | Stem of the question changed: Did your child attend any educational institution that implemented the following child development programs before entering in the school? |
| Moscow City, Russian Fed. | HQ-05AA | D | Early childhood educational program for children under 3 (e.g., nursery) |
| Moscow City, Russian Fed. | HQ-05AB | D | Early childhood educational program for children older than 3 (e.g., kindergarten) |
| South Africa (6) | HQ-05AA | D | Early childhood educational program for children under age 3 (e.g., crèche, day mother) |
| South Africa (6) | HQ-05AB | D | Pre-primary educational program for children age 3 or older (e.g., Grades 000, 00, 0/R) |
| Abu Dhabi, UAE | HQ-05AB | D | Kindergarten |
| Dubai, UAE | HQ-05AB | D | Kindergarten |

HQ-05B

Question:

Approximately, how long was your child in these programs altogether?

1 = Less than 1 year

2 = 1 year

3 = 2 years

4 = 3 years

5 = 4 years or more

Variable Name(s): ASBH05B

| Country | Item ID | Code | Documentation |
|------------------|---------|------|---|
| Belgium (French) | HQ-05B | D | <p>Stem of the question changed: If yes, approximately how long was your child in pre-primary education?</p> <p>National categories recoded for international comparability: 1 = Less than one year 2 = 1 year 3 = 2 years 4 = 3 years 5 = Category not administered or data not available</p> |
| Denmark | HQ-05B | D | <p>Stem of the question changed: For how many years has your child attended nursery and kindergarten altogether?</p> |
| Netherlands | HQ-05B | D | <p>Stem of the question changed: How long was he or she in a day-care center, playgroup and kindergarten group altogether?</p> |
| Northern Ireland | HQ-05B | X | Question not administered or data not available. |
| Poland | HQ-05B | D | <p>Stem of the question changed: Did your child attend a day care center, and for how long? / Did your child attend kindergarten (before "zero" grade), and for how long? / Did your child attend "zero" grade at kindergarten? / Did your child attend "zero" grade at school?</p> <p>National categories recoded for international comparability: 1 = Did not attend / Less than a year 2 = One year 3 = Two years 4 = Three years 5 = Four years or more</p> |

Slovenia

HQ-05B

D

Stem of the question changed:
Approximately how long was your child in kindergarten?

HQ-06

Question:

How old was your child when he/she began the <first grade> of primary/elementary school?

1 = 5 years old or younger

2 = 6 years old

3 = 7 years old

4 = 8 years old or older

Variable Name(s):

ASBH06

| Country | Item ID | Code | Documentation |
|---------------|---------|------|--|
| Austria | HQ-06 | D | First grade of primary school |
| Bulgaria | HQ-06 | D | Stem of the question changed: How old was your child when he or she began the first grade? |
| Georgia | HQ-06 | D | Stem of the question changed: How old was your child when he or she entered school? |
| Hong Kong SAR | HQ-06 | D | Primary 1 |
| Hungary | HQ-06 | D | Stem of the question changed: How old was your child when he or she began primary school? |
| Ireland | HQ-06 | D | Stem of the question changed: How old was your child when they started First class? |
| Italy | HQ-06 | D | First year of primary or elementary school |
| Macao | HQ-06 | D | Primary 1 |
| Malta | HQ-06 | D | Year 1 |
| Netherlands | HQ-06 | D | Grade 1 (or a comparable group) |
| New Zealand | HQ-06 | D | Question instruction added: If your child began primary school in a country other than New Zealand, tick the age at which they started in that country. |

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| Northern Ireland | HQ-06 | X | Question not administered or data not available |
| Oman | HQ-06 | D | First grade (if ITLANG = 1) / First grade of basic education (if ITLANG = 53) |
| Singapore | HQ-06 | D | Primary 1 |
| Spain | HQ-06 | D | Primary Education |
| Uzbekistan | HQ-06 | D | Grade 1 |

HQ-07A-G

Question:

How well could your child do the following when he/she began the <first grade> of primary/elementary school?

A: Recognize most of the letters of the alphabet

B: Read some words

C: Read sentences

D: Read a story

E: Write letters of the alphabet

F: Write his/her name

G: Write words other than his/her name

1 = Very well

2 = Moderately well

3 = Not very well

4 = Not at all

Variable Name(s): ASBH07A, ASBH07B, ASBH07C, ASBH07D, ASBH07E, ASBH07F, ASBH07G

| Country | Item ID | Code | Documentation |
|---------------|----------|------|---|
| Austria | HQ-07A-G | D | First grade of primary school |
| Bulgaria | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when he or she began the first grade? |
| Georgia | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when he or she entered school? |
| Hong Kong SAR | HQ-07A-G | D | Primary 1 |
| Hungary | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when he or she began primary school? |

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| Ireland | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when they started First class? |
| Italy | HQ-07A-G | D | First year of primary or elementary school |
| Macao | HQ-07A-G | D | Primary 1 |
| Macao | HQ-07A | D | Recognize most of the letters of the alphabet (if ITLANG = 1 or 45) / Recognize most parts (radical or component) of the Chinese character (if ITLANG = 10) |
| Macao | HQ-07E | D | Write letters of the alphabet (if ITLANG = 1 or 45) / Write parts (radical or component) of the Chinese character (if ITLANG = 10) |
| Malta | HQ-07A-G | D | Year 1 |
| Netherlands | HQ-07A-G | D | Grade 1 |
| New Zealand | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when they first began primary school? |
| Northern Ireland | HQ-07A-G | X | Question not administered or data not available |
| Oman | HQ-07A-G | D | First grade (if ITLANG = 1) / First grade of basic education (if ITLANG = 53) |
| Russian Federation | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when he or she began learning at school? |
| Singapore | HQ-07A-G | D | Primary 1 |
| Spain | HQ-07A-G | D | Primary Education |
| Uzbekistan | HQ-07A-G | D | Grade 1 |
| Benchmarking Participants | | | |
| Moscow City, Russian Fed. | HQ-07A-G | D | Stem of the question changed: How well could your child do the following when he or she began learning at school? |

HQ-08A-F

Question:

What do you think of your child's school?

A: My child's school does a good job including me in my child's education

B: My child's school provides a safe environment

C: My child's school cares about my child's progress in school

D: My child's school does a good job informing me of his/her progress

E: My child's school promotes high academic standards

F: My child's school does a good job in helping him/her become better in reading

1 = Agree a lot

2 = Agree a little

3 = Disagree a little

4 = Disagree a lot

Variable Name(s): ASBH08A, ASBH08B, ASBH08C, ASBH08D, ASBH08E, ASBH08F

| Country | Item ID | Code | Documentation |
|----------------------------------|----------|------|--|
| Chinese Taipei | HQ-08A | D | School lets me be fully involved in my children's education. |
| Chinese Taipei | HQ-08D | D | School fully informs me about my child's learning progress. |
| Chinese Taipei | HQ-08F | D | School helps my child to improve reading skills. |
| Finland | HQ-08E | D | My child's school emphasizes academic success |
| Russian Federation | HQ-08A-F | D | Stem of the question changed: What do you think of your child's primary school? |
| Benchmarking Participants | | | |
| Moscow City, Russian Fed. | HQ-08A-F | D | Stem of the question changed: What do you think of your child's primary school? |

HQ-09

Question:

In a typical week, how much time do you usually spend reading for yourself at home, including books, magazines, newspapers, and materials for work (in print or digital media)?

- 1 = Less than one hour a week
- 2 = 1–5 hours a week
- 3 = 6–10 hours a week
- 4 = More than 10 hours a week

Variable Name(s): ASBH09

| Country | Item ID | Code | Documentation |
|--------------|---------|------|--|
| South Africa | HQ-09 | D | National categories recoded for international comparability: 1 = I don't read / Less than one hour a week 2 = 1–5 hours a week 3 = 6–10 hours a week 4 = More than 10 hours a week |

Benchmarking Participants

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|------------------|-------|---|--|
| South Africa (6) | HQ-09 | D | National categories recoded for international comparability: 1 = I don't read / Less than one hour a week 2 = 1–5 hours a week 3 = 6–10 hours a week 4 = More than 10 hours a week |
|------------------|-------|---|--|

HQ-10

Question:

When you are at home, how often do you read for your own enjoyment?

- 1 = Every day or almost every day
- 2 = Once or twice a week
- 3 = Once or twice a month
- 4 = Never or almost never

Variable Name(s): ASBH10

| Country | Item ID | Code | Documentation |
|---------|---------|------|--|
| Israel | HQ-10 | D | Stem of the question changed: How often do you read for your own enjoyment? |

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| South Africa | HQ-10 | D | National categories recoded for international comparability: 1 = Every day or almost every day 2 = Once or twice a week 3 = Once or twice a month 4 = Almost never / Never |
|--------------|-------|---|--|

Benchmarking Participants

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|------------------|-------|---|--|
| South Africa (6) | HQ-10 | D | National categories recoded for international comparability: 1 = Every day or almost every day 2 = Once or twice a week 3 = Once or twice a month 4 = Almost never / Never |
|------------------|-------|---|--|

HQ-11A-H

Question:

Please indicate how much you agree with the following statements about reading.

- A: I read only if I have to
- B: I like talking about what I read with other people
- C: I like to spend my spare time reading
- D: I read only if I need information
- E: Reading is an important activity in my home
- F: I would like to have more time for reading
- G: I enjoy reading
- H: Reading is one of my favorite hobbies

- 1 = Agree a lot
- 2 = Agree a little
- 3 = Disagree a little
- 4 = Disagree a lot

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| Variable Name(s): | ASBH11A, ASBH11B, ASBH11C, ASBH11D, ASBH11E, ASBH11F, ASBH11G, ASBH11H |
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| Country | Item ID | Code | Documentation |
|-------------|---------|------|--|
| Azerbaijan | HQ-11A | X | Option not administered or data not available. |
| Azerbaijan | HQ-11D | X | Option not administered or data not available. |
| Netherlands | HQ-11E | D | Reading is an important activity in my family |

HQ-14A-C

Question:

Do you have any of these things in your home?

A: Access to the internet

B: A computer, tablet, or e-reader

C: A smartphone

1 = Yes

2 = No

Variable Name(s): ASBH14A, ASBH14B, ASBH14C

| Country | Item ID | Code | Documentation |
|---------|---------|------|--|
| Germany | HQ-14B | D | A computer (PC or laptop), tablet, or e-reader |

HQ-15A-B

Question:

What is the highest level of education completed by the child's <parents/guardians>? <If the child has only one parent/guardian, answer for Parent/Guardian A. If there are two parents/guardians, choose one for Parent/Guardian A and the other for Parent/Guardian B.>

A: <Parent/Guardian A>

B: <Parent/Guardian B>

1 = Did not go to school

2 = Some <Primary education—ISCED Level 1 or Lower secondary education—ISCED Level 2>

3 = <Lower secondary education—ISCED Level 2>

4 = <Upper secondary education—ISCED Level 3>

5 = <Post-secondary, non-tertiary education—ISCED Level 4>

6 = <Short-cycle tertiary education—ISCED Level 5>

7 = <Bachelor's or equivalent level—ISCED Level 6>

8 = <Master's or equivalent level—ISCED Level 7>

9 = <Doctor or equivalent level—ISCED Level 8>

10 = Not applicable

Variable Name(s): ASBH15A, ASBH15B

| Country | Item ID | Code | Documentation |
|---------|----------|------|--|
| Albania | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some primary education or lower secondary education 3 = Lower secondary education 4 = Upper secondary education 5 = Post-secondary, non-tertiary education 6 = Short-cycle tertiary education 7 = Bachelor's or equivalent level 8 = Master's or equivalent level 9 = Doctor or equivalent level 10 = Not applicable |
| Albania | HQ-15A | D | Father or Guardian A |
| Albania | HQ-15B | D | Mother or Guardian B |
| Austria | HQ-15A-B | D | Stem of the question changed: What is the highest level of education you have completed? National categories recoded for international comparability: 1 = Did not go to school 2 = Did not finish compulsory school 3 = Compulsory school (general secondary school, academic secondary academic school – lower level or special school) / Pre-vocational year or 1-2-year home economic school or short course (e.g., course for training auxiliary nurses) 4 = Vocational school for apprentices / 3–4-year school for intermediate vocational education (e.g., business school) / Secondary school for technical health professions / Academic secondary school with a secondary school-leaving certificate 5 = Secondary school for nursing 6 = College for higher vocational education with a secondary school-leaving certificate (e.g., business college, technical college, economic college, college for pre-primary education) / Master craftsmen and foremen course / Academy of teacher education, social academy or post-secondary VET course 7 = Baccalaureate at a university college of teacher education, university or advanced technical college 8 = Master or diploma at a university college of teacher education, university or advanced technical college 9 = Doctor's degree at a university 10 = I don't know |
| Austria | HQ-15A | D | Father |
| Austria | HQ-15B | D | Mother |

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| Azerbaijan | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Incomplete primary or basic education (if ITLANG = 29) / Some primary education (if ITLANG = 55)</p> <p>3 = General secondary education</p> <p>4 = Full secondary education</p> <p>5 = Initial vocational education</p> <p>6 = Secondary vocational education</p> <p>7 = Bachelor or equivalent level</p> <p>8 = Master or equivalent level</p> <p>9 = Doctor or equivalent level</p> <p>10 = Not applicable</p> |
| Azerbaijan | HQ-15A | D | Parent or Guardian 1 |
| Azerbaijan | HQ-15B | D | Parent or Guardian 2 |
| Bahrain | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Some primary or intermediate education</p> <p>3 = Intermediate education</p> <p>4 = Secondary education</p> <p>5 = Diploma</p> <p>6 = Category not administered or data not available</p> <p>7 = Bachelor's</p> <p>8 = Master's</p> <p>9 = Ph.D.</p> <p>10 = Not applicable</p> |
| Belgium (Flemish) | HQ15A-B | D | <p>Stem of the question changed: What is the highest level of education completed by the child's parent 1 and parent 2?</p> <p>National categories recoded for international comparability:</p> <p>1 = Did not attend school or didn't finish primary education</p> <p>2 = Primary education / Secondary special education (OV1, OV2, OV3)</p> <p>3 = First degree (first and second grade) of secondary education</p> <p>4 = Six years of secondary education (ASO, TSO, KSO or BSO)</p> <p>5 = Specialization year or 7th year in secondary education</p> <p>6 = Short higher vocational education (HBO5) or 2-years lasting postgraduate after secondary education</p> <p>7 = Professional or academic bachelor (higher education with 1 cycle or candidate or bachelor within higher education or university)</p> <p>8 = Master or licentiate (higher education with 2 cycles or university)</p> <p>9 = Doctoral degree (Ph.D.)</p> <p>10 = Not applicable</p> |

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| Belgium (Flemish) | HQ-15A | D | Parent 1 |
| Belgium (Flemish) | HQ-15B | D | Parent 2 |
| Belgium (French) | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Did not finish primary education or lower secondary education</p> <p>3 = Diploma of lower secondary education</p> <p>4 = Diploma of upper secondary education</p> <p>5 = 7th year preparing to vocational life or to tertiary study cycle, or to entrepreneurial training...</p> <p>6 = Category not administered or data not available</p> <p>7 = Short tertiary education / Bachelor (university or non-university education, first cycle)</p> <p>8 = Master (university or non-university education, second cycle)</p> <p>9 = Doctorate</p> <p>10 = Not applicable</p> |
| Brazil | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not attend school</p> <p>2 = Primary school (1st to 5th grade)</p> <p>3 = Middle school (6th to 9th grade)</p> <p>4 = High school or technical high school</p> <p>5 = Category not administered or data not available</p> <p>6 = Category not administered or data not available</p> <p>7 = Higher education (undergraduate degree)</p> <p>8 = Master degree</p> <p>9 = Doctorate degree</p> <p>10 = Does not apply</p> |
| Brazil | HQ-15A | D | Father or Mother or Guardian A |
| Brazil | HQ-15B | D | Father or Mother or Guardian B |
| Bulgaria | HQ15A-B | D | <p>Stem of the question changed:</p> <p>What is the highest level of education completed by the child's father or stepfather or male guardian and the child's mother or stepmother or female guardian?</p> <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Primary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary education</p> <p>5 = Vocational education after upper</p> <p>6 = Higher (professional bachelor)</p> <p>7 = Higher (bachelor)</p> <p>8 = Higher (master)</p> <p>9 = Higher (doctor)</p> <p>10 = Not applicable</p> |

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| Bulgaria | HQ-15A | D | Father |
| Bulgaria | HQ-15B | D | Mother |
| Chinese Taipei | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Primary school education or did not finish junior high school</p> <p>3 = Junior high school education</p> <p>4 = Senior high school or vocational high school education</p> <p>5 = Five-year or two-year junior college</p> <p>6 = Category not administered or data not available</p> <p>7 = Two-year or four-year undergraduate program of university or college of science and technology / Graduated from university or college, bachelor degree</p> <p>8 = Master or equivalent level</p> <p>9 = Doctor or equivalent level</p> <p>10 = Not applicable</p> |
| Croatia | HQ15A-B | D | <p>Stem of the question changed:</p> <p>What is the highest level of education completed by the child's father (stepfather) or male guardian and mother (stepmother) or female guardian?</p> <p>Question instruction changed:</p> <p>If the child has only one parent or guardian, answer for that parent or guardian under A or B. If there are two parents or guardians, answer for both parents or guardians using option A for father (stepfather) or male guardian and option B for mother (stepmother) or female guardian.</p> <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Elementary school</p> <p>3 = Category not administered or data not available</p> <p>4 = Three year high school / Four or five year high school</p> <p>5 = Non-university professional education after high school: re-qualification</p> <p>6 = Non-university higher education: two or three years of higher school or one or two years study or both</p> <p>7 = Undergraduate university or undergraduate professional degree (bachelor)</p> <p>8 = Graduate university (master) or graduate professional degree (expert professional)</p> <p>9 = Postgraduate university education, master of science or doctorate of science</p> <p>10 = Not applicable</p> |
| Croatia | HQ-15A | D | Father (stepfather) or male guardian |
| Croatia | HQ-15B | D | Mother (stepmother) or female guardian |

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| Cyprus | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or lower secondary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary education (general or vocational)</p> <p>5 = Post-secondary, non-tertiary education (i.e., hairstyling school, secretarial studies)</p> <p>6 = Short-cycle tertiary education (i.e., Pedagogical Academy, diploma from Technological Educational Institution, nursing school, etc.)</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctoral degree</p> <p>10. Not applicable</p> |
| Cyprus | HQ-15A | D | Father or Guardian A |
| Cyprus | HQ-15B | D | Mother or Guardian B |
| Czech Republic | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Did not finish primary school</p> <p>3 = Primary school</p> <p>4 = High school or a vocational program without maturita / High school or a vocational program with maturita</p> <p>5 = Extension study</p> <p>6 = Higher professional school or conservatory</p> <p>7 = University - bachelor degree</p> <p>8 = University - master degree</p> <p>9 = University - doctoral degree</p> <p>10 = Not applicable</p> |
| Czech Republic | HQ-15A | D | Mother of the child |
| Czech Republic | HQ-15B | D | Father of the child |

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| Denmark | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Completed some of grades 1-8</p> <p>3 = Grades 9-10</p> <p>4 = Student exam or equivalent</p> <p>5 = A short admission course of less than two years duration (e.g., upper secondary courses, workshop course, etc.)</p> <p>6 = Short to intermediate further education of at least two years duration</p> <p>7 = Higher education of at least three years (B.A.)</p> <p>8 = Higher education of at least five years (graduate degree or M.A.)</p> <p>9 = Researcher's education of at least three years (Ph.D. or equivalent)</p> <p>10 = Not applicable</p> |
| Egypt | HQ15A-B | D | <p>Question instruction changed:</p> <p>If the one who is going to fill in this questionnaire is the father, the mother, or one guardian only, circle A is to be filled. If there are two parents or guardians, each one of them has to fill in the circles in his or her column.</p> <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Primary stage</p> <p>3 = Preparatory stage</p> <p>4 = Secondary stage</p> <p>5 = Post-secondary education (non-tertiary education)</p> <p>6 = Intermediate institutes</p> <p>7 = Bachelor's degree or equivalent</p> <p>8 = Master's degree</p> <p>9 = Doctorate degree</p> <p>10 = Not applicable</p> |
| Egypt | HQ-15A | D | The child's father or guardian |
| Egypt | HQ-15B | D | The child's mother or guardian |
| Finland | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some lower secondary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary degree, academic or vocational</p> <p>5 = Special vocational degree</p> <p>6 = Higher vocational degree</p> <p>7 = Lower degree (at the polytechnic or university)</p> <p>8 = Higher degree (at the polytechnic or university)</p> <p>9 = Post-graduate degree at the university (licentiate or doctor)</p> <p>10 = Not applicable</p> |

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| Finland | HQ-15A | D | Mother or Guardian A |
| Finland | HQ-15B | D | Father or Guardian B |
| France | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Did not complete the first cycle of secondary education</p> <p>3 = First cycle of secondary education</p> <p>4 = Second cycle of secondary education: professional (BEP, BP, Bac Pro); technological (Bac techno); general (general Bac)</p> <p>5 = Pre-university education (e.g., capacity in law)</p> <p>6 = Short tertiary education (DUT, BTS, CPGEs, postgraduate, L2, ...)</p> <p>7 = License grade or equivalent</p> <p>8 = Long higher education (Master, Master, DEA, DESS, ...)</p> <p>9 = Ph.D. or equivalent</p> <p>10 = Not applicable</p> |
| Georgia | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = 4 years of primary level of general education or full primary education (6 years)</p> <p>3 = Secondary level of general education (9 years)</p> <p>4 = Full general education (12 years)</p> <p>5 = Professional institution (e.g., college, professional technicum)</p> <p>6 = Higher professional institution</p> <p>7 = Bachelor's or equivalent level</p> <p>8 = Master's or equivalent level</p> <p>9 = Doctor or equivalent level</p> <p>10 = Not applicable</p> |
| Germany | HQ15A-B | D | <p>Stem of the question changed:</p> <p>What educational and professional qualifications do the child's father (or stepfather or male guardian) and mother (or stepmother or female guardian) have?</p> <p>Question instruction changed:</p> <p>Please check all applicable boxes in each column.</p> |

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| Germany | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = No school leaving certificate</p> <p>2 = Category not administered or data not available</p> <p>3 = Graduation at "Hauptschule" (lowest track of the secondary school system in Germany) or respectively graduation at "Volksschule" or graduation at "polytechnische Oberschule" after grade 8 / Graduation at "Realschule" (intermediate track of secondary school system in Germany) or respectively medium maturity ("mittlere Reife") or graduation at "polytechnische Oberschule" after grade 10 / Apprentice training or occupational internship or vocational preparation year</p> <p>4 = Advanced technical college entrance qualification or graduation from high school ("Abitur") / Completion of apprenticeship training (vocational school, apprenticeship) or vocational qualification obtained at a vocational school or intermediate civil service traineeship in public administration or "Kollegschnle" or graduation at a one-year school for the health system</p> <p>5 = Advanced technical college entrance qualification or graduation from high school ("Abitur") / Master craftsman-technician or equivalent technical college degree, graduation from a 2 or 3 year health care school, graduation from a technical college or a university of cooperative education or degree from a college of administration</p> <p>6 = Master craftsman-technician or equivalent technical college degree, graduation from a 2 or 3 year health care school, graduation from a technical college or a university of cooperative education or degree from a college of administration</p> <p>7 = Bachelor's degree at a university (of applied sciences)</p> <p>8 = Master's degree at a university (of applied sciences) or equivalent degree (diploma, magister, state examination)</p> <p>9 = Doctorate</p> <p>10 = Category not administered or data not available</p> |
| Hong Kong SAR | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or lower secondary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary education (Secondary 5, 6 or 7)</p> <p>5 = Diploma or certificate from technical school, IVE</p> <p>6 = Associate degree or high diploma</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctorate degree</p> <p>10 = Not applicable</p> |

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| Hungary | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Did not finish general school</p> <p>3 = General school (grade 8)</p> <p>4 = Vocational school (without final exam or Matura) / Secondary vocational or grammar school with final exam (Matura)</p> <p>5 = Vocational programs (usually two years) based on Maturity examination (e.g., dental technician, jeweler)</p> <p>6 = Accredited post secondary vocational programs (e.g., customs administrator, social insurance administrator)</p> <p>7 = College or bachelor degree (BA or BSc)</p> <p>8 = University or master degree (MA or MSc)</p> <p>9 = Higher than university or master degree (e.g., Ph.D.)</p> <p>10 = Not applicable for this person</p> |
| Hungary | HQ-15A | D | Mother or stepmother or foster mother |
| Hungary | HQ-15B | D | Father or stepfather or foster father |
| Iran, Islamic Rep. of | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary education</p> <p>5 = Post-secondary, non-tertiary education</p> <p>6 = Short-cycle tertiary education</p> <p>7 = Bachelor's or equivalent level</p> <p>8 = Master's or equivalent level</p> <p>9 = Doctor or equivalent level</p> <p>10 = Not applicable</p> |
| Iran, Islamic Rep. of | HQ-15A | D | Mother (female guardian) |
| Iran, Islamic Rep. of | HQ-15B | D | Father (male guardian) |
| Ireland | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary or secondary education</p> <p>3 = Junior Cert. or Inter. Cert. or Group Cert.</p> <p>4 = Leaving Cert.</p> <p>5 = Post-Leaving Cert. (PLC) course or apprenticeship</p> <p>6 = Third-level certificate or diploma (not to degree level)</p> <p>7 = Undergraduate degree (e.g., bachelor's)</p> <p>8 = Master's degree</p> <p>9 = Doctorate (e.g., Ph.D.)</p> <p>10 = Not applicable</p> |

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| Israel | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Part of elementary school or part of junior high school (if ITLANG = 16) / Part of primary school or part of lower secondary (if ITLANG = 53)</p> <p>3 = Junior high school (if ITLANG = 16) / Lower secondary (if ITLANG = 53)</p> <p>4 = High school (if ITLANG = 16) / Upper secondary (if ITLANG = 53)</p> <p>5 = Preparatory program school (such as pre-academic preparatory program school) (if ITLANG = 16) / Post secondary trade school (if ITLANG = 53)</p> <p>6 = Post-secondary post-certification studies (such as teacher's certificate not including first academic degree, Engineering, Technician) (if ITLANG = 16) / Specialized professional (if ITLANG = 53)</p> <p>7 = Bachelor degree (such as B.A., B.Ed., B.Sc.) (if ITLANG = 16) / Academic bachelor degree (B.A. or B.E.d. or B.Sc.) (if ITLANG = 53)</p> <p>8 = Higher degree (master degree) (if ITLANG = 16) / Academic master degree (if ITLANG = 53)</p> <p>9 = Higher degree (doctor degree) (if ITLANG = 16) / Academic doctor degree (if ITLANG = 53)</p> <p>10 = Not applicable</p> |
| Israel | HQ-15A | D | Parent or Guardian A (if ITLANG = 16) / The first guardian (if ITLANG = 53) |
| Israel | HQ-15B | D | Parent or Guardian B (if ITLANG = 16) / The second guardian (if ITLANG = 53) |
| Italy | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Did not complete primary school (primary education) or lower secondary school (lower secondary education)</p> <p>3 = Middle school diploma (lower secondary school)</p> <p>4 = Upper secondary education diploma (upper secondary school)</p> <p>5 = Post-secondary degree, non-tertiary education</p> <p>6 = Short-cycle tertiary degree (e.g., nursing degree)</p> <p>7 = First level degree (bachelor's three-year degree)</p> <p>8 = Second level degree (specialist or master's degree) or equivalent title</p> <p>9 = Ph.D. or equivalent qualification</p> <p>10 = Category not administered or data not available</p> |
| Italy | HQ-15A | D | Parent A |
| Italy | HQ-15B | D | Parent B |

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| Jordan | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Primary education - Grades (1 - 6) 3 = Phase 2 of basic cycle - Grades (7 - 10) 4 = Secondary education - Grades (11 - 12) 5 = Post-secondary, non-tertiary education - vocational centers after the tenth grade 6 = First stage of higher education - community college diploma 7 = Bachelor degree or equivalent 8 = Master degree or equivalent 9 = Doctorate degree or equivalent 10 = Not applicable |
| Kazakhstan | HQ-15A-B | D | Stem of the question changed: What is the highest level of education you have received? Nationally defined categories: 1 = Did not go to school 2 = Some primary education (4 grades) 3 = Basic secondary education (9 grades) 4 = General secondary education (11 grades) 5 = Technical professional education (college) 6 = Accelerated higher education 7 = Higher education (bachelor) 8 = Postgraduate education (masters) 9 = Candidate or doctor of science 10 = Not applicable |
| Kazakhstan | HQ-15A | D | Father of the child |
| Kazakhstan | HQ-15B | D | Mother of the child |
| Kosovo | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some primary education or lower secondary education 3 = Lower secondary education 4 = Upper secondary education 5 = Post-secondary education, non-tertiary education 6 = Short-cycle tertiary education 7 = Bachelor's degree or equivalent 8 = Master's degree 9 = Doctor or equivalent level 10 = Not applicable |
| Kosovo | HQ-15A | D | Father or Guardian A |
| Kosovo | HQ-15B | D | Mother or Guardian B |

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| Latvia | HQ15A-B | D | <p>Child's father (or stepfather or male guardian) and mother (or stepmother or female guardian)</p> <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Did not finish basic education</p> <p>3 = Basic education</p> <p>4 = Secondary education</p> <p>5 = Post-secondary non-tertiary education</p> <p>6 = First level of higher professional education</p> <p>7 = Bachelor's degree or second level higher education</p> <p>8 = Master's degree</p> <p>9 = Doctor's degree</p> <p>10 = Not applicable</p> |
| Latvia | HQ-15A | D | Child's father or guardian |
| Latvia | HQ-15B | D | Child's mother or guardian |
| Lithuania | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Incomplete primary or incomplete lower secondary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary education</p> <p>5 = Vocational (already having secondary education)</p> <p>6 = Further education school, technical school</p> <p>7 = Bachelor's or vocational bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctor's degree</p> <p>10 = Not applicable</p> |
| Lithuania | HQ-15A | D | Mother or Guardian |
| Lithuania | HQ-15B | D | Father or Guardian |
| Macao | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or junior secondary education</p> <p>3 = Junior secondary education</p> <p>4 = Senior secondary education</p> <p>5 = Vocational training course</p> <p>6 = Higher diploma program</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctorate degree</p> <p>10 = Not applicable</p> |

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| Malta | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some primary or secondary education 3 = Secondary education 4 = Junior College or Higher Secondary or Sixth Form or Certificate level at MCAST or ITS or Technical Institutes 5 = Diploma level at MCAST or ITS or Technical Institutes 6 = Certificate or diploma at university level 7 = Bachelor's degree or equivalent 8 = Master's degree or equivalent 9 = Doctoral degree or equivalent 10 = Not applicable |
| Montenegro | HQ-15A-B | D | Nationally defined categories: 1 = Did not attend school 2 = Lower grades of primary school 3 = Primary school 4 = Secondary school 5 = Post secondary non-tertiary education 6 = College of vocational studies 7 = Academic studies 8 = Master's studies 9 = Ph.D. studies 10 = Not applicable |
| Morocco | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some primary or lower education 3 = Lower secondary education 4 = Upper secondary education 5 = Classes préparatoires or BTS 6 = General University Diploma (DEUG) 7 = License or equivalent 8 = Master's or equivalent 9 = Doctor or equivalent 10 = Not applicable |
| Morocco | HQ-15A | D | Father of the child |
| Morocco | HQ-15B | D | Mother of the child |

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| Netherlands | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Did not finish primary education or pre-vocational secondary education</p> <p>3 = Primary education or pre-vocational secondary education</p> <p>4 = Higher general secondary education or pre-university education or secondary vocational education</p> <p>5 = Category not administered or data not available</p> <p>6 = Associate degree (2-3 years)</p> <p>7 = Higher vocational education (bachelor) / University (bachelor)</p> <p>8 = Higher vocational education (master) / University (master)</p> <p>9 = Ph.D./doctorate</p> <p>10 = Not applicable</p> |
| New Zealand | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Some schooling but did not finish form 4 or Year 10 (or equivalent)</p> <p>3 = Schooling up to the end of form 4 or Year 10 (or equivalent) / Secondary school with either School Certificate or NCEA Level 1 (or equivalent)</p> <p>4 = Secondary school with either 6th Form Certificate or a university entrance qualification (e.g. U.E, Bursary) OR with NCEA Level 2 or NCEA Level 3</p> <p>5 = Trade or apprenticeship qualification or national certificate (NZQF Levels 3-5 e.g., hairdressing)</p> <p>6 = National diploma (e.g., National Diploma in Science) or a vocational diploma (e.g., Diploma of Nursing)</p> <p>7 = Bachelor's or Bachelor's Honors degree or equivalent (e.g., 3-year university graduate diploma; bachelor's degree with 1-year post-graduate diploma)</p> <p>8 = Master's degree</p> <p>9 = Ph.D.</p> <p>10 = Not applicable (to this household)</p> |
| New Zealand | HQ-15A | D | Parent or Caregiver A |
| New Zealand | HQ-15B | D | Parent or Caregiver B |

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| North Macedonia | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Unfinished primary education</p> <p>3 = Primary education</p> <p>4 = Secondary education</p> <p>5 = Post-secondary vocational education</p> <p>6 = Higher education</p> <p>7 = Bachelor's education</p> <p>8 = Master studies</p> <p>9 = Doctoral studies</p> <p>10 = Not applicable</p> |
| Northern Ireland | HQ-15A-B | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Attended school but did not follow O-level or GCSE course</p> <p>3 = O-level or GCSE course followed / 1-4 O-level or GCSE (A*-C passes) or Foundation Diploma or GNVQ Foundation or NVQ Level 1 or BTEC Certificate</p> <p>4 = 5 or more O-Level or GCSE (A*-C passes) or Higher Diploma or NVQ Level 2 or GNVQ Intermediate or BTEC Diploma or trade apprenticeship / AS/A-level or Advanced Diploma or NVQ Level 3 or GNVQ Advanced or International Baccalaureate / Access course for higher education</p> <p>5 = Category not administered or data not available</p> <p>6 = HNC or HND or BTEC Higher</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctorate</p> <p>10 = Not applicable</p> |
| Norway (5) | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some lower secondary education</p> <p>3 = Lower secondary education</p> <p>4 = Upper secondary education</p> <p>5 = Post-secondary, non-tertiary education, duration under 2 years</p> <p>6 = Short-cycle tertiary education, duration minimum 2 years</p> <p>7 = Bachelor's or equivalent level</p> <p>8 = Master's or equivalent level</p> <p>9 = Doctor or equivalent level</p> <p>10 = Not applicable</p> |

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| Oman | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some primary education or lower secondary education 3 = Lower secondary education 4 = Upper secondary education (General Education Diploma) 5 = Post-secondary, non-tertiary education 6 = Tertiary Education Diploma 7 = Bachelor's or equivalent level 8 = Master's or equivalent level 9 = Doctor equivalent level 10 = Not applicable |
| Oman | HQ-15A | D | Child's mother or female guardian |
| Oman | HQ-15B | D | Child's father or male guardian |
| Poland | HQ-15A-B | D | National categories recoded for international comparability: 1 = Did not go to school. 2 = Primary school or gymnasium not completed 3 = Primary school or gymnasium 4 = Basic vocational / Upper secondary with "Matura" 5 = Post secondary 6 = Category not administered or data unavailable 7 = Higher education ending with bachelor or engineer degree 8 = Higher education ending with master or MD degree 9 = Ph.D. or higher 10 = Not applicable |
| Poland | HQ-15A | D | Father |
| Poland | HQ-15B | D | Mother |
| Portugal | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = 1st and 2nd cycle of basic education 3 = 3rd cycle of basic education 4 = Secondary education 5 = Technological Specialization Course 6 = Professional Higher Technical Course 7 = Bachelor's 8 = Master's 9 = Doctorate 10 = Not applicable |
| Portugal | HQ-15A | D | Mother or legal guardian A |
| Portugal | HQ-15B | D | Father or legal guardian B |

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| Qatar | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education</p> <p>3 = Preparatory education</p> <p>4 = Secondary education</p> <p>5 = Post-secondary, non-tertiary education</p> <p>6 = Diploma (short-cycle tertiary education, before university)</p> <p>7 = Bachelor's degree or equivalent level</p> <p>8 = Master's degree or equivalent level</p> <p>9 = Ph.D. or equivalent level</p> <p>10 = Not applicable</p> |
| Qatar | HQ-15A | D | Father or male guardian |
| Qatar | HQ-15B | D | Mother or female guardian |
| Russian Federation | HQ-15A-B | D | <p>Stem of the question changed:</p> <p>What is the highest level of education completed by the child's parents: A father (or a man who substitutes for him) and a mother (or a woman who substitutes for her)?</p> <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Didn't finish primary or basic education</p> <p>3 = Basic education (9 grades)</p> <p>4 = Secondary general education (11 grades)</p> <p>5 = Initial vocational education (for example, a vocational school)</p> <p>6 = Secondary vocational education (for example, technical school or college)</p> <p>7 = Higher Education: bachelor or equivalent (3 years or more)</p> <p>8 = Higher Education: master or equivalent (5 years or more), second higher</p> <p>9 = Candidate or doctor's level</p> <p>10 = Not applicable</p> |
| Russian Federation | HQ-15A | D | Child's father |
| Russian Federation | HQ-15B | D | Child's mother |

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| Saudi Arabia | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Primary education</p> <p>3 = Intermediate education</p> <p>4 = Secondary education</p> <p>5 = Post-secondary non-vocational education</p> <p>6 = Post-secondary vocational education</p> <p>7 = Bachelor's or equivalent level</p> <p>8 = Master's or equivalent level</p> <p>9 = Ph.D. or equivalent level</p> <p>10 = Not applicable</p> |
| Serbia | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not attend school</p> <p>2 = Lower grades of primary school</p> <p>3 = Primary school</p> <p>4 = Secondary education, vocational or grammar school</p> <p>5 = One year specialization after secondary education</p> <p>6 = High school or high vocational school</p> <p>7 = First-degree academic studies</p> <p>8 = Postgraduate studies: master studies or magisterium</p> <p>9 = Ph.D. studies</p> <p>10 = Not applicable</p> |
| Singapore | HQ-15A-B | D | <p>Stem of the question changed: What is the highest level of education completed by the child's parents or guardians?</p> <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary or lower secondary</p> <p>3 = Lower secondary (completed Secondary 2)</p> <p>4 = Upper secondary</p> <p>5 = Post-secondary, non-tertiary (e.g., JC, CI, ITE)</p> <p>6 = Polytechnic</p> <p>7 = University bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctoral (e.g., Ph.D.) degree</p> <p>10 = Not applicable</p> |
| Singapore | HQ-15A | D | Father or Male Guardian |
| Singapore | HQ-15B | D | Mother or Female Guardian |

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| Slovak Republic | HQ15A-B | D | <p>Stem of the question changed: What is the highest level of education completed by the child's father (or male guardian) and mother (or female guardian)? Choose the appropriate option and for the other choose the option not applicable. If the child has two parents or legal representatives, answer question for both parents or legal representatives. (if ITLANG = 17) / What is the highest level of education completed by the child's father (or male guardian) and mother (or female guardian)? (if ITLANG = 30)</p> <p>National categories recoded for international comparability: 1 = Did not go to school 2 = Incomplete primary school 3 = Completed primary school / Secondary school without vocational certificate 4 = Secondary school with vocational certificate / High school with school leaving exam 5 = Post-secondary education 6 = Higher professional education 7 = Bachelor's study 8 = Master's study (Mgr., Ing., etc.) 9 = Doctoral study (Ph.D.) 10 = Not applicable</p> |
| Slovak Republic | HQ-15A | D | Father (if ITLANG = 17) / Mother or legal representative of the child (if ITLANG = 30) |
| Slovak Republic | HQ-15B | D | Mother (if ITLANG = 17) / Father or legal representative of the child (if ITLANG = 30) |
| Slovenia | HQ-15A-B | D | <p>National categories recoded for international comparability: 1 = Did not go to school 2 = Unfinished primary school 3 = Primary school 4 = High school education (including shortened programs) 5 = Category not administered or data not available 6 = Higher professional education 7 = High professional or high university education (1st Bologna level, also former high professional or specialization after higher education) 8 = Master's degree education (2nd Bologna level, also former university education, specialization after university education or specialization after high professional education) 9 = Doctoral degree (3rd Bologna level, also former doctoral degree or master's degree) 10 = Not applicable</p> |

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| South Africa | HQ15A-B | D | <p>Child's parents or caregivers</p> <p>Instructional sentence changed: If the child has only one parent or caregiver, answer for parent A or caregiver A. If there are two parents or caregivers, choose one for parent A or caregiver A and the other for parent B or caregiver B.</p> <p>National categories recoded for international comparability: 1 = Did not go to school 2 = Some primary education, lower than Grade 9 or Standard 7 3 = Grade 9 or Standard 7 4 = Grade 12 or Standard 10 5 = Post secondary training (vocational training, e.g., college) 6 = Technikon diploma 7 = Bachelor's (first degree) / Honors degree 8 = Master's degree 9 = Ph.D. degree 10 = Not applicable</p> |
| South Africa | HQ-15A | D | Parent A or Caregiver A |
| South Africa | HQ-15B | D | Parent B or Caregiver B |

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| Spain | HQ15A-B | D | <p>Parents or legal tutors</p> <p>Question instruction changed: If the child has only one parent or legal tutor, please answer just parent or legal tutor 1. If the children has 2 parents or legal tutors, choose one for parent or legal tutor 1 and the other for parent or legal tutor 2.</p> <p>National categories recoded for international comparability: 1 = Did not go to school 2 = Part of primary education, Compulsory Secondary Education (ESO) or Basic General Education (EGB) 3 = Compulsory Secondary Education (ESO), Basic General Education (EGB) or Social Guarantee Schemes 4 = Baccalaureate, Polyvalent Unified Baccalaureate (BUP), year that prepares for University (COU), first level of vocational training, intermediate vocational training, elementary education in arts, intermediate education in sports, intermediate education in art and design, official foreign language education 5 = Category not administered or data not available 6 = Second level of vocational training, higher level of vocational training, higher studies in art and design, higher studies in sports. 7 = University degree (3 years), technical engineering, technical architecture, university degree (4 years) 8 = University degree (5-6 years), engineering, architecture, professional arts education or master 9 = Ph.D. 10 = Not applicable</p> |
| Spain | HQ-15A | D | Parent or Legal Guardian 1 |
| Spain | HQ-15B | D | Parent or Legal Guardian 2 |
| Sweden | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Attended less than 9 years in elementary school 3 = 9 years of elementary school 4 = Secondary school 5 = Post secondary school education, not university college 6 = Higher education up to 2 year (e.g., university college degree) 7 = University or university college, equivalent to a bachelor's degree 8 = Higher university degree, equivalent to a master's degree 9 = Post graduate education (licentiate or Ph.D. degree) 10 = Not applicable</p> |

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| Turkiye | HQ15A-B | D | Mother of child (or stepmother or female guardian) and father of child (stepfather or male guardian) |
| Turkiye | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Complete primary education or some primary or lower secondary education 3 = Lower secondary education 4 = Upper secondary education 5 = Post-secondary, non-tertiary education 6 = Short-cycle tertiary education (foundation degree for two years) 7 = Bachelor's 8 = Master's 9 = Doctor 10 = Not applicable |
| Turkiye | HQ-15A | D | Mother of child |
| Turkiye | HQ-15B | D | Father of child |
| United Arab Emirates | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some Cycle 1 (Grade 1 or Year 2 - Grade 4 or Year 5) or Cycle 2 (Grade 5 or Year 6 - Grade 8 or Year 9) 3 = Cycle 2 (Grade 8 or Year 9) 4 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 5 = Technical education or vocational training course 6 = College diploma 7 = Bachelor's degree or equivalent 8 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 9 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent 10 = Not applicable |
| United Arab Emirates | HQ-15A | D | Father or Male Guardian |
| United Arab Emirates | HQ-15B | D | Mother or Female Guardian |
| Uzbekistan | HQ-15A-B | D | National categories recoded for international comparability: 1 = Did not go to school 2 = Some primary education or general secondary education (5-9th grades) 3 = General secondary education (5-9th grades) 4 = General secondary education (10-11th grades) 5 = Secondary-specialized education 6 = Category not administered or data unavailable 7 = Higher or bachelor's degree or both 8 = Master's degree 9 = Doctoral or Ph.D. degree or both 10 = Not applicable |

Benchmarking Participants

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| Alberta, Canada | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 or Secondary I</p> <p>3 = Grade 8 or Secondary II</p> <p>4 = High school</p> <p>5 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>6 = College or cégep (two-year pre-university)</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctoral degree</p> <p>10 = Not applicable</p> |
| British Columbia, Canada | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 or Secondary I</p> <p>3 = Grade 8 or Secondary II</p> <p>4 = High school</p> <p>5 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>6 = College or cégep (two-year pre-university)</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctoral degree</p> <p>10 = Not applicable</p> |
| Newfoundland & Labrador, Can. | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 or Secondary I</p> <p>3 = Grade 8 or Secondary II</p> <p>4 = High school</p> <p>5 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>6 = College or cégep (two-year pre-university)</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctoral degree</p> <p>10 = Not applicable</p> |

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| Quebec, Canada | HQ-15A-B | D | <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 or Secondary I</p> <p>3 = Grade 8 or Secondary II</p> <p>4 = High school</p> <p>5 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>6 = College or cégep (two-year pre-university)</p> <p>7 = Bachelor's degree</p> <p>8 = Master's degree</p> <p>9 = Doctoral degree</p> <p>10 = Not applicable</p> |
| Moscow City, Russian Fed. | HQ15A-B | D | <p>Stem of the question changed:</p> <p>What is the highest level of education completed by a father (or a man who substitutes for him) and a mother (a woman who substitutes for her)?</p> <p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Didn't finish primary or basic education</p> <p>3 = Basic education (9 grades)</p> <p>4 = Secondary general education (11 grades)</p> <p>5 = Initial vocational education (for example, a vocational school)</p> <p>6 = Secondary vocational education (for example, technical school or college)</p> <p>7 = Higher Education: bachelor or equivalent (3 years or more)</p> <p>8 = Higher Education: master or equivalent (5 years or more), second higher</p> <p>9 = Candidate or doctor's level</p> <p>10 = Not applicable</p> |
| Moscow City, Russian Fed. | HQ-15A | D | Child's father |
| Moscow City, Russian Fed. | HQ-15B | D | Child's mother |

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| South Africa (6) | HQ15A-B | D | <p>Child's parents or caregivers</p> <p>Instructional sentence changed: If the child has only one parent or caregiver, answer for parent A or caregiver A. If there are two parents or caregivers, choose one for parent A or caregiver A and the other for parent B or caregiver B.</p> <p>National categories recoded for international comparability: 1 = Did not go to school 2 = Some primary education, lower than Grade 9 or Standard 7 3 = Grade 9 or Standard 7 4 = Grade 12 or Standard 10 5 = Post secondary training (vocational training, e.g., college) 6 = Technikon diploma 7 = Bachelor's (first degree) / Honors degree 8 = Master's degree 9 = Ph.D. degree 10 = Not applicable</p> |
| South Africa (6) | HQ-15A | D | Parent A or Caregiver A |
| South Africa (6) | HQ-15B | D | Parent B or Caregiver B |
| Abu Dhabi, UAE | HQ-15A-B | D | <p>Nationally defined categories: 1 = Did not go to school 2 = Some Cycle 1 (Grade 1 or Year 2 - Grade 4 or Year 5) or Cycle 2 (Grade 5 or Year 6 - Grade 8 or Year 9) 3 = Cycle 2 (Grade 8 or Year 9) 4 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 5 = Technical education or vocational training course 6 = College diploma 7 = Bachelor's degree or equivalent 8 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 9 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent 10 = Not applicable</p> |
| Abu Dhabi, UAE | HQ-15A | D | Father or Male Guardian |
| Abu Dhabi, UAE | HQ-15B | D | Mother or Female Guardian |

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| Dubai, UAE | HQ-15A-B | D | Nationally defined categories: 1 = Did not go to school 2 = Some Cycle 1 (Grade 1 or Year 2 - Grade 4 or Year 5) or Cycle 2 (Grade 5 or Year 6 - Grade 8 or Year 9) 3 = Cycle 2 (Grade 8 or Year 9) 4 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 5 = Technical education or vocational training course 6 = College diploma 7 = Bachelor's degree or equivalent 8 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 9 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent 10 = Not applicable |
| Dubai, UAE | HQ-15A | D | Father or Male Guardian |
| Dubai, UAE | HQ-15B | D | Mother or Female Guardian |

HQ-16

Question:

How far in his/her education do you expect your child to go?

- 1 = Finish <Lower secondary education—ISCED Level 2>
- 2 = Finish <Upper secondary education—ISCED Level 3>
- 3 = Finish <Post-secondary, non-tertiary education—ISCED Level 4>
- 4 = Finish <Short-cycle tertiary education—ISCED Level 5>
- 5 = Finish <Bachelor's or equivalent level—ISCED Level 6>
- 6 = Finish <Postgraduate degree: Master's—ISCED Level 7 or Doctor—ISCED Level 8>

Variable Name(s): ASBH16

| Country | Item ID | Code | Documentation |
|---------|---------|------|--|
| Albania | HQ-16 | D | Nationally defined categories: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Short-cycle tertiary education 5 = Bachelor's or equivalent level 6 = Postgraduate degree: master's or doctorate |

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| Austria | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Compulsory school</p> <p>2 = Vocational school for apprentices / School for intermediate vocational education (e.g., technical school, business school) / School-leaving certificate at a academic secondary school</p> <p>3 = Category not administered or data unavailable</p> <p>4 = School-leaving certificate at a higher vocational education school (e.g., business college, technical college, economic college, college for pre-primary education) / Master craftsmen and foremen course</p> <p>5 = Bachelor's degree at a university college of teacher education, university or advanced technical college</p> <p>6 = Master, diploma or doctor's degree at a university college of teacher education, university or an advanced technical college</p> |
| Azerbaijan | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = General secondary education</p> <p>2 = Full secondary education</p> <p>3 = Initial vocational education</p> <p>4 = Secondary vocational education</p> <p>5 = Bachelor or equivalent level</p> <p>6 = Master or doctor</p> |
| Bahrain | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Intermediate education</p> <p>2 = Secondary education</p> <p>3 = Diploma</p> <p>4 = Category not administered or data not available</p> <p>5 = Bachelor's</p> <p>6 = Master's or Ph.D.</p> |
| Belgium (Flemish) | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1= First degree (first and second grade) of secondary education / Secondary special education (OV1, OV2 or OV3)</p> <p>2= Six years of secondary education (ASO, TSO, KSO or BSO)</p> <p>3= Specialization year or 7th year in secondary education</p> <p>4= Short higher professional degree (HBO5) after secondary education</p> <p>5= Bachelor (higher education with 1 cycle at higher education or university)</p> <p>6= Masters (higher education with 2 cycles at higher education or university) or doctoral degree</p> |

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| Belgium (French) | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Lower secondary education</p> <p>2 = Upper secondary education</p> <p>3 = 7th year preparing to vocational life or to tertiary study cycle, or to entrepreneurial training...</p> <p>4 = Category not administered or data not available</p> <p>5 = Short tertiary education / Bachelor (university or non-university education, first cycle)</p> <p>6 = Master (university or non-university education, second cycle) or doctorate</p> |
| Brazil | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Elementary school</p> <p>2 = High school</p> <p>3 = Category not administered or data not available</p> <p>4 = Category not administered or data not available</p> <p>5 = Higher education (undergraduate degree)</p> <p>6 = Postgraduate, master degree or doctorate degree</p> |
| Bulgaria | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Lower secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Vocational education after upper secondary education</p> <p>4 = Higher education (professional bachelor)</p> <p>5 = Higher education (bachelor)</p> <p>6 = Higher education (master or doctor)</p> |
| Chinese Taipei | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Junior high school education</p> <p>2 = Senior high school or vocational high school education</p> <p>3 = Five-year or two-year junior college</p> <p>4 = Category not administered or data not available</p> <p>5 = Two-year or four-year undergraduate program of university or college of science and technology / Graduated from university or college, bachelor degree</p> <p>6 = Master or doctor equivalent level</p> |
| Croatia | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Elementary school</p> <p>2 = Three year high school / Four or five year high school</p> <p>3 = Category not administered or data not available</p> <p>4 = Category not administered or data not available</p> <p>5 = Undergraduate university or undergraduate professional degree (bachelor)</p> <p>6 = Graduate university (master) or graduate professional degree (expert professional) / Postgraduate education, Doctorate of Science</p> |

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| Cyprus | HQ-16 | D | Nationally defined categories: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Short-cycle tertiary education 5 = Bachelor's or equivalent level 6 = Postgraduate degree: master's or doctor |
| Czech Republic | HQ-16 | D | National categories recoded for international comparability: 1 = Primary school 2 = High school or a vocational program without maturita / Secondary vocational program with maturita / Secondary technical program with maturita / Secondary general program with maturita 3 = Category not administered or data not available 4 = Higher professional school or conservatory 5 = University - bachelor degree 6 = University - master degree or higher |
| Denmark | HQ-16 | D | Nationally defined categories: 1 = Grade 9-10 2 = Student exam or equivalent 3 = Admission courses of less than two years duration (e.g., upper secondary courses, workshop courses etc.) 4 = Short to intermediate further education of at least two years duration 5 = Higher education of three years (B.A.) 6 = Higher education of five years or more |
| Egypt | HQ-16 | D | Nationally defined categories: 1 = Preparatory stage 2 = Secondary stage 3 = Post-secondary education (non-tertiary education) 4 = Intermediate institutes 5 = Bachelor's degree or equivalent 6 = Postgraduate degree: master's or doctorate |
| Finland | HQ-16 | D | National categories recoded for international comparability: 1 = Lower secondary education 2 = Upper secondary degree, academic or vocational 3 = Special vocational degree 4 = Category not administered or data not available 5 = Lower degree (at the polytechnic or university) 6 = Higher degree (at the polytechnic or university) or post-graduate degree at the university (licentiate or doctor) |

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| France | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = First cycle of secondary education</p> <p>2 = Second cycle of secondary education: professional (BEP, BP, Bac Pro); technological (Bac techno); general (general Bac)</p> <p>3 = Pre-university education (e.g., capacity in law)</p> <p>4 = Short tertiary education (DUT, BTS, CPGEs, postgraduate, L2, ...)</p> <p>5 = License grade or equivalent</p> <p>6 = Long higher education (master, DEA, DESS, Ph.D. ...)</p> |
| Georgia | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Secondary level of general education</p> <p>2 = Upper secondary level of general education</p> <p>3 = Professional education institution</p> <p>4 = Higher professional education institution</p> <p>5 = Bachelor's level of higher education</p> <p>6 = Further levels of higher education: master's or doctoral levels</p> |
| Germany | HQ-16 | D | <p>Stem of the question changed:</p> <p>What do you think: What is the highest school-leaving certificate will your child achieve? / What do you think: What is the highest professional qualification will your child achieve?</p> |

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| Germany | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = "Hauptschule" (lowest track of the secondary school system in Germany), middle school ("Mittelschule") / "Realschule" (intermediate track of secondary school system in Germany)</p> <p>2 = Technical college maturity / High school ("Abitur") / Apprenticeship training (vocational school, apprenticeship) or intermediate civil service traineeship in public administration, vocational qualification diploma vocational qualification obtained at a vocational school or "Kollegschule" or graduation at a one-year school for the health system</p> <p>3 = Technical college maturity / High school ("Abitur") AND apprenticeship training (vocational school, apprenticeship) or intermediate civil service traineeship in public administration, vocational qualification diploma/ Vocational qualification obtained at a vocational school / "Kollegschule" or one-year school for the health system</p> <p>4 = Master craftsman-technician or equivalent technical college degree, 2 or 3 year health care school, technical college or a university of cooperative education, degree from a college of administration</p> <p>5 = University degree at bachelor level or equivalent (bachelor, degree from a Berufsakademie/Diplom (FH)/Fachhochschulabschluss)</p> <p>6 = University degree at master level or equivalent (master, Magister, Diplom, Staatsexamen) / Doctorate</p> |
| Hong Kong SAR | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Lower secondary education</p> <p>2 = Secondary education (Secondary 6)</p> <p>3 = Diploma or certificate from technical school, IVE</p> <p>4 = Associate degree or high diploma</p> <p>5 = Bachelor's degree</p> <p>6 = Master's or doctorate degree</p> |
| Hungary | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = General school (grade 8)</p> <p>2 = Vocational school certificate (earlier vocational school) / Grammar school, secondary vocational school or technical school with matura</p> <p>3 = Qualification listed in Qualifications Register (former OKJ)</p> <p>4 = Higher-level vocational training with certification</p> <p>5 = Bachelor degree (BA or BSc degree)</p> <p>6 = Master degree (MA or MSc degree) or higher than master degree (e.g., Ph.D.)</p> |

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| Iran, Islamic Rep. of | HQ-16 | D | Nationally defined categories: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Short-cycle tertiary education 5 = Bachelor's or equivalent level 6 = Postgraduate degree: master's or doctor |
| Ireland | HQ-16 | D | Nationally defined categories: 1 = Junior Cert 2 = Leaving Cert 3 = Post-Leaving Cert (PLC) course or apprenticeship 4 = Third-level certificate or diploma, not to degree level 5 = Undergraduate degree (e.g., bachelor's) 6 = Postgraduate degree (e.g., master's or doctorate) |
| Israel | HQ-16 | D | Nationally defined categories: 1 = Junior high school (if ITLANG = 16) / Lower secondary (if ITLANG = 53) 2 = High school (if ITLANG = 16) / Upper secondary (if ITLANG = 53) 3 = Preparatory program school (such as pre-academic preparatory program school) (if ITLANG = 16) / Post secondary trade school (if ITLANG = 53) 4 = Post-secondary post-certification studies (such as teacher's certificate not including first academic degree, Engineering, Technicians) (if ITLANG = 16) / Specialized professional study post secondary(study in non-academic college, e.g. practical engineering, technicians) (if ITLANG = 53) 5 = Bachelor degree (such as B.A., B.Ed., B.Sc.) (if ITLANG = 16) / Academic bachelor degree (B.A. or B.E.d or B.Sc) (if ITLANG = 53) 6 = Higher degree (master degree or doctor degree) (if ITLANG = 16) / Academic post bachelor degree (master or doctor) (if ITLANG = 53) |
| Italy | HQ-16 | D | Nationally defined categories: 1 = Lower secondary school diploma 2 = Upper secondary school diploma 3 = Post-secondary, non-tertiary education diploma 4 = Short-cycle tertiary degree (e.g., nursing degree) 5 = First level degree (bachelor's three-year degree) 6 = Second level degree (specialist or master's degree) or Ph.D. |

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| Jordan | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Phase 2 of basic cycle - Grades (7 - 10)</p> <p>2 = Secondary education - Grades (11 - 12)</p> <p>3 = Post-secondary, non-tertiary education - vocational centers after the tenth grade</p> <p>4 = First stage of higher education - community college diploma</p> <p>5 = Bachelor degree or equivalent</p> <p>6 = Master or doctorate degree</p> |
| Kazakhstan | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Basic secondary education (9 grades)</p> <p>2 = General secondary education (11 grades)</p> <p>3 = Technical professional education (college)</p> <p>4 = Accelerated higher education</p> <p>5 = Higher education (Bachelor)</p> <p>6 = Postgraduate education (masters, doctor (Ph.D.))</p> |
| Kosovo | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Lower secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Post-secondary, non-tertiary education</p> <p>4 = Short-cycle tertiary education</p> <p>5 = Bachelor's or equivalent level</p> <p>6 = Master's, doctorate or equivalent level</p> |
| Latvia | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Basic education</p> <p>2 = Secondary education</p> <p>3 = Post-secondary non-tertiary education</p> <p>4 = First level of higher professional education</p> <p>5 = Baccalaureate or equivalent</p> <p>6 = Master degree / Doctor degree</p> |
| Lithuania | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = Lower secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Vocational (already having secondary education)</p> <p>4 = Category not administered or data not available</p> <p>5 = Bachelor's or vocational bachelor's degree</p> <p>6 = Master's or doctor degree</p> |
| Macao | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Junior secondary education</p> <p>2 = Senior secondary education</p> <p>3 = Vocational training course</p> <p>4 = Higher diploma program</p> <p>5 = Bachelor's degree</p> <p>6 = Master's or doctorate degree</p> |

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| Malta | HQ-16 | D | Nationally defined categories: 1 = Secondary education 2 = Junior College or Higher Secondary of Sixth Form or Certificate level at MCAST or ITS 3 = Diploma from MCAST or ITS 4 = Certificate or diploma at university level 5 = Bachelor's degree or equivalent 6 = Master's or doctoral degree or equivalent |
| Montenegro | HQ-16 | D | Nationally defined categories: 1 = Primary school 2 = Secondary school 3 = Post secondary non-tertiary education 4 = College of vocational studies 5 = Academic studies 6 = Master's, Ph.D. studies |
| Morocco | HQ-16 | D | Nationally defined categories: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Short-cycle tertiary education 5 = Bachelor's or equivalent level 6 = Postgraduate degree: master's or doctorate |
| Netherlands | HQ-16 | D | National categories recoded for international comparability: 1 = Primary education or pre-vocational secondary education 2 = Higher general secondary education or pre-university education or secondary vocational education 3 = Category not administered or data not available 4 = Associate degree (2-3 years) 5 = Higher vocational education (bachelor) / University (bachelor) 6 = Higher vocational education (master) / University (master) / Ph.D. or doctorate |
| New Zealand | HQ-16 | D | Nationally defined categories: 1 = NCEA Level 1 2 = NCEA Level 2 or NCEA Level 3 3 = Trade or apprenticeship or national certificate (NZQF Levels 3-5 e.g., hairdressing) 4 = National (2 or 3 year) diploma (e.g., fashion design, tourism) 5 = Bachelor's or Bachelor's Honors degree 6 = Post-graduate degree (master's, Ph.D.) |

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| North Macedonia | HQ-16 | D | Nationally defined categories: 1 = Non-formal secondary education 2 = Secondary education 3 = Post-secondary, three-year education 4 = Short cycle of tertiary education 5 = Bachelor's education 6 = Master's or doctor's degree |
| Northern Ireland | HQ-16 | D | National categories recoded for international comparability: 1 = GCSE course / 1-4 GCSE (A*-C passes) or Foundation Diploma or GNVQ Foundation or NVQ Level 1 or BTEC Certificate 2 = 5 or more GCSE (A*-C passes) or Higher Diploma or NVQ Level 2 or GNVQ Intermediate or BTEC Diploma or trade apprenticeship / AS/A-Level or Advanced Diploma or NVQ Level 3 or GNVQ or International Baccalaureate / Complete an access course for higher education 3 = Category not administered or data not available 4 = HNC or HND or BTEC Higher 5 = Bachelor's degree 6 = Master's degree or doctorate |
| Norway (5) | HQ-16 | D | Nationally defined categories: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education, duration under 2 years 4 = Short-cycle tertiary education, duration minimum 2 years 5 = Bachelor's or equivalent level 6 = Postgraduate degree: master's or doctor |
| Oman | HQ-16 | D | Nationally defined categories: 1 = Lower secondary education (basic education) 2 = Upper secondary education (General Education Diploma) 3 = Post-secondary, non-tertiary education 4 = Post-general education (Tertiary Education Diploma) 5 = Bachelor's or equivalent level 6 = Postgraduate degree: master's or doctor |
| Poland | HQ-16 | D | National categories recoded for international comparability: 1 = Primary school 2 = I stage sectoral school (in the past named vocational school) / II stage sectoral school / Technical school / Lyceum 3 = Post secondary 4 = Category not administered or data not available 5 = Higher education ending with of bachelor or engineer degree 6 = Higher education ending with master or MD degree, or gaining a Ph.D. degree |

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| Portugal | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = 3rd cycle of basic education 2 = Secondary education 3 = Technological Specialization Course 4 = Professional Higher Technical Course 5 = Bachelor's 6 = Master's / Doctor</p> |
| Qatar | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Preparatory education 2 = Secondary education 3 = Post-secondary, non-tertiary education 4 = Diploma (short-cycle tertiary education, before university) 5 = Bachelor's degree or equivalent level 6 = Postgraduate degree: master's or Ph.D.</p> |
| Russian Federation | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Basic general education (9 grades) 2 = Secondary general education (11 grades) 3 = Short-term courses or program (up to 2 years) on the basis of secondary education, secondary professional education 4 = Incomplete higher education (2 years or more) 5 = Higher Education: bachelor or its equivalent (3 years or more) 6 = Higher Education: master's or equivalent (5 years or more), second higher education, postgraduate, doctoral or equivalent (candidate or doctoral degree)</p> |
| Saudi Arabia | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Intermediate education 2 = Secondary education 3 = Post-secondary non-vocational education 4 = Post-secondary vocational education 5 = Bachelor's or equivalent level 6 = Postgraduate degrees: master's or Ph.D.</p> |
| Serbia | HQ-16 | D | <p>Stem of the question changed: What level of education does your child expect to achieve?</p> <p>Nationally defined categories:</p> <p>1 = Primary school 2 = Secondary vocational school or grammar school 3 = One year specialization after secondary school 4 = Higher or higher vocational school 5 = Basic first-degree academic studies 6 = Master studies, magisterium or doctoral studies</p> |

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| Singapore | HQ-16 | D | Nationally defined categories: 1 = Lower secondary 2 = Upper secondary 3 = Post-secondary, non-tertiary (e.g., JC, CI, ITE) 4 = Polytechnic 5 = University bachelor's degree 6 = Master's or doctoral (e.g., Ph.D.) degree |
| Slovak Republic | HQ-16 | D | National categories recoded for international comparability: 1 = Primary school / Secondary school without vocational certificate 2 = Secondary school with vocational certificate / High school with school leaving exam 3 = Post-secondary education 4 = Higher professional education 5 = Bachelor's study 6 = Master's study (Mgr., Ing., etc.) or doctoral study (Ph.D.) |
| Slovenia | HQ-16 | D | National categories recoded for international comparability: 1 = Primary school 2 = High school (including shortened programs) 3 = Category not administered or data not available 4 = Short-cycle tertiary vocational education 5 = 1. Bologna degree (bachelor's degree) 6 = 2. Bologna degree (master's degree) / Doctoral degree |
| South Africa | HQ-16 | D | National categories recoded for international comparability: 1 = Grade 9 or Standard 7 2 = Grade 12 or Standard 10 3 = Post secondary training (vocational training, e.g., college) 4 = Technikon diploma 5 = Bachelor's (first) degree / Honors degree 6 = Master's or Ph.D. degree |
| Spain | HQ-16 | D | National categories recoded for international comparability: 1 = Compulsory secondary education 2 = Baccalaureate, intermediate level of vocational training or equivalent 3 = Category not administered or data not available 4 = Higher level of vocational training or equivalent 5 = University degree (4 years) or equivalent 6 = Master or a Ph.D. |

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| Sweden | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Elementary school</p> <p>2 = Secondary school.</p> <p>3 = Post secondary school education, not university college</p> <p>4 = University college up to 2 years (for instance, university college degree)</p> <p>5 = University or university college, equivalent to a bachelor's degree</p> <p>6 = Higher university education or postgraduate studies, equivalent to a master's, licentiate or Ph.D. degree</p> |
| Turkiye | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Lower secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Post-secondary, non-tertiary education</p> <p>4 = Short-cycle tertiary education</p> <p>5 = Bachelor's</p> <p>6 = Masters and doctor</p> |
| United Arab Emirates | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Cycle 2 (Grade 5 or Year 6 - Grade 8 or Year 9)</p> <p>2 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13)</p> <p>3 = Technical Education or Vocational Training Course</p> <p>4 = College diploma</p> <p>5 = Bachelor's degree or equivalent</p> <p>6 = Master's degree (e.g., Master of Arts degree, M.Sc.) or a doctoral degree (e.g., Ph.D. or Ed.D.)</p> |
| Uzbekistan | HQ-16 | D | <p>National categories recoded for international comparability:</p> <p>1 = General secondary education (5-9th grades)</p> <p>2 = General secondary education (10-11th grades)</p> <p>3 = Secondary-specialized education</p> <p>4 = Category not administered or data unavailable</p> <p>5 = Higher or bachelor's degree or both</p> <p>6 = Master's degree, doctoral or Ph.D. degree, or both doctoral and PhD degree</p> |
| Benchmarking Participants | | | |
| Alberta, Canada | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Grade 8 or Secondary II</p> <p>2 = High school</p> <p>3 = College or cégep (three-year vocational training), a registered apprenticeship, a trade certificate</p> <p>4 = College or cégep (two-year pre-university)</p> <p>5 = Bachelor's degree</p> <p>6 = Master's or a doctoral degree</p> |

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| British Columbia, Canada | HQ-16 | D | Nationally defined categories: 1 = Grade 8 or Secondary II 2 = High school 3 = College or cégep (three-year vocational training), a registered apprenticeship, a trade certificate 4 = College or cégep (two-year pre-university) 5 = Bachelor's degree 6 = Master's or a doctoral degree |
| Newfoundland & Labrador, Can. | HQ-16 | D | Nationally defined categories: 1 = Grade 8 or Secondary II 2 = High school 3 = College or cégep (three-year vocational training), a registered apprenticeship, a trade certificate 4 = College or cégep (two-year pre-university) 5 = Bachelor's degree 6 = Master's or a doctoral degree |
| Quebec, Canada | HQ-16 | D | Nationally defined categories: 1 = Grade 8 or Secondary II 2 = High school 3 = College or cégep (three-year vocational training), a registered apprenticeship, a trade certificate 4 = College or cégep (two-year pre-university) 5 = Bachelor's degree 6 = Master's or a doctoral degree |
| Moscow City, Russian Fed. | HQ-16 | D | Nationally defined categories: 1 = Basic general education (9 grades) 2 = Secondary general education (11 grades) 3 = Short-term courses or program (up to 2 years) on the basis of secondary education, secondary professional education 4 = Incomplete higher education (2 years or more) 5 = Higher Education: bachelor or its equivalent (3 years or more) 6 = Higher Education: master's or equivalent (5 years or more), second higher education, postgraduate, doctoral or equivalent (candidate or doctoral degree) |
| South Africa (6) | HQ-16 | D | National categories recoded for international comparability: 1 = Grade 9 or Standard 7 2 = Grade 12 or Standard 10 3 = Post secondary training (vocational training, e.g., college) 4 = Technikon diploma 5 = Bachelor's (first) degree / Honors degree 6 = Master's or Ph.D. degree |

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| Abu Dhabi, UAE | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Cycle 2 (Grade 5 or Year 6 - Grade 8 or Year 9)</p> <p>2 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13)</p> <p>3 = Technical Education or Vocational Training Course</p> <p>4 = College diploma</p> <p>5 = Bachelor's degree or equivalent</p> <p>6 = Master's degree (e.g., Master of Arts degree, M.Sc.) or a doctoral degree (e.g., Ph.D. or Ed.D.)</p> |
| Dubai, UAE | HQ-16 | D | <p>Nationally defined categories:</p> <p>1 = Cycle 2 (Grade 5 or Year 6 - Grade 8 or Year 9)</p> <p>2 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13)</p> <p>3 = Technical Education or Vocational Training Course</p> <p>4 = College diploma</p> <p>5 = Bachelor's degree or equivalent</p> <p>6 = Master's degree (e.g., Master of Arts degree, M.Sc.) or a doctoral degree (e.g., Ph.D. or Ed.D.)</p> |

HQ-17A-B

Question:

What kind of work do the child's <parents/guardians> do for their main jobs? For each, check the circle for the job category that best describes what he/she does (opposite page). Each category has a few examples to help you decide the correct category. If the <parent/guardian> is not working now, think about the last job that he/she had.

A: <Parent/Guardian A>

B: <Parent/Guardian B>

1 = Has never worked for pay

2 = Small Business Owner Includes owners of small businesses (fewer than 25 employees) such as retail shops, services, restaurants

3 = Clerical Worker Includes office clerks; secretaries; data entry operators; customer service clerks

4 = Service or Sales Worker Includes travel attendants; restaurant service workers; personal care workers; protective service workers; junior military; salespersons; street vendors

5 = Skilled Agricultural or Fishery Worker Includes farmers; forestry workers; fishery workers

6 = Craft or Trade Worker Includes builders, carpenters, plumbers, electricians, metal workers; machine mechanics; handicraft workers

7 = Plant or Machine Operator Includes plant and machine operators; assembly-line operators; motor-vehicle drivers

8 = General Laborers Includes domestic helpers and cleaners; building caretakers; messengers, porters, and doorkeepers; farm, fishery, agricultural, and construction workers

9 = Corporate Manager or Senior Official Includes corporate managers such as managers of large companies (25 or more employees) or managers of departments within large companies; legislators or senior government officials; senior officials of special-interest organizations; military officers

10 = Professional Includes scientists; mathematicians; computer scientists; architects; engineers; life science and health professionals; teachers; legal professionals; police officers; social scientists; writers and artists; religious professionals

11 = Technician or Associate Professional Includes science, engineering, and computer associates and technicians; life science and health technicians and assistants; teacher aides; finance and sales associate professionals; business service agents; administrative assistants

12 = Not applicable

Variable Name(s): ASBH17A, ASBH17B

| Country | Item ID | Code | Documentation |
|---------|---------|------|----------------------|
| Albania | HQ-17A | D | Father or Guardian A |
| Albania | HQ-17B | D | Mother or Guardian B |

| | | | |
|-------------------|----------|---|---|
| Austria | HQ-17A | D | Father |
| Austria | HQ-17B | D | Mother |
| Azerbaijan | HQ-17A | D | Parent or Guardian 1 |
| Azerbaijan | HQ-17B | D | Parent or Guardian 2 |
| Belgium (Flemish) | HQ-17A-B | D | Parent 1 and parent 2 |
| Belgium (Flemish) | HQ-17A | D | Parent 1 |
| Belgium (Flemish) | HQ-17B | D | Parent 2 |
| Brazil | HQ-17A-B | D | Parents or Guardians |
| | | | Father or Mother or Guardian |
| Brazil | HQ-17A | D | Father or Mother or Guardian A |
| Brazil | HQ-17B | D | Father or Mother or Guardian B |
| Bulgaria | HQ-17A-B | D | Father (or stepfather or male guardian) and mother (or stepmother or female guardian) |
| Bulgaria | HQ-17A | D | Father |
| Bulgaria | HQ-17B | D | Mother |
| Croatia | HQ-17A | D | Father (stepfather) or male guardian |
| Croatia | HQ-17B | D | Mother (stepmother) or female guardian |
| Cyprus | HQ-17A | D | Father or Guardian A |
| Cyprus | HQ-17B | D | Mother or Guardian B |
| Czech Republic | HQ-17A | D | Mother of the child |
| Czech Republic | HQ-17B | D | Father of the child |
| Finland | HQ-17A | D | Mother or Guardian A |
| Finland | HQ-17B | D | Father or Guardian B |
| Germany | HQ-17A-B | D | Father (or stepfather or male legal guardian) and mother (or stepmother or female legal guardian) |
| Germany | HQ-17A | D | Father |
| Germany | HQ-17B | D | Mother |

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|-----------------------|----------|---|--|
| Hungary | HQ-17A | D | Mother or stepmother or foster mother |
| Hungary | HQ-17B | D | Father or stepfather or foster father |
| Iran, Islamic Rep. of | HQ-17A | D | Mother (female guardian) |
| Iran, Islamic Rep. of | HQ-17B | D | Father (male guardian) |
| Israel | HQ-17A-B | D | Nationally defined categories: 1 = Has never worked for pay 2 = Small Business Owner 3 = Clerical Worker 4 = Service or Sales Worker 5 = Skilled Agricultural or Fishery Worker 6 = Craft or Trade Worker 7 = Plant or Machine Operator 8 = General Laborers 9 = Corporate Manager or Senior Official 10 = Professional 11 = Technician, Associate Professional or Engineer (if ITLANG = 16) / Technician or Associate Professional (if ITLANG = 53) 12 = Not applicable |
| Israel | HQ-17A | D | Parent or Guardian A (if ITLANG = 16) / The first guardian (if ITLANG = 53) |
| Israel | HQ-17B | D | Parent or Guardian B (if ITLANG = 16) / The second guardian (if ITLANG = 53) |
| Italy | HQ-17A-B | D | National categories recoded for international comparability: 1 = Has never worked for pay 2 = Small Business Owner 3 = Clerical Worker 4 = Service or Sales Worker 5 = Skilled Agricultural or Fishery Worker 6 = Craft or Trade Worker 7 = Plant or Machine Operator 8 = General Laborers 9 = Corporate Manager or Senior Official 10 = Professional 11 = Technician or Associate Professional 12 = Category not administered or data not available |
| Italy | HQ-17A | D | Parent A |
| Italy | HQ-17B | D | Parent B |
| Kazakhstan | HQ-17A | D | Father of the child |
| Kazakhstan | HQ-17B | D | Mother of the child |

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| Kosovo | HQ-17A | D | Father or Guardian A |
| Kosovo | HQ-17B | D | Mother or Guardian B |
| Latvia | HQ-17A-B | D | Child's father (stepfather or guardian) and mother (stepmother or guardian) |
| Latvia | HQ-17A | D | Child's father or guardian |
| Latvia | HQ-17B | D | Child's mother or guardian |
| Lithuania | HQ-17A | D | Mother or Guardian |
| Lithuania | HQ-17B | D | Father or Guardian |
| New Zealand | HQ-17A | D | Parent or Caregiver A |
| New Zealand | HQ-17B | D | Parent or Caregiver B |
| Oman | HQ-17A | D | Child's mother or female guardian |
| Oman | HQ-17B | D | Child's father or male guardian |
| Poland | HQ-17A-B | D | National categories recoded for international comparability: 1 = Has never worked for pay 2 = Small Business Owner 3 = Clerical Worker 4 = Service or Sales Worker 5 = Skilled Agricultural or Fishery Worker 6 = Craft or Trade Worker 7 = Plant or Machine Operator 8 = General Laborers 9 = Medium or Large Business Owner / Corporate Manager or Senior Official 10 = Professional 11 = Technician or Associate Professional 12 = Not applicable |
| Poland | HQ-17A | D | Father |
| Poland | HQ-17B | D | Mother |
| Portugal | HQ-17A-B | D | Parents (or legal guardians) |
| Portugal | HQ-17A | D | Mother or legal guardian A |
| Portugal | HQ-17B | D | Father or legal guardian B |
| Qatar | HQ-17A-B | D | Parents or guardians Father or male guardian and mother or female guardian |

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|--------------------|----------|---|--|
| Qatar | HQ-17A | D | Father or male guardian |
| Qatar | HQ-17B | D | Mother or female guardian |
| Russian Federation | HQ-17A-B | D | Father (or a man who substitutes for him) and mother (a woman who substitutes for her) |
| Russian Federation | HQ-17A | D | Child's father |
| Russian Federation | HQ-17B | D | Child's mother |
| Singapore | HQ-17A | D | Father or Male Guardian |
| Singapore | HQ-17B | D | Mother or Female Guardian |
| Slovak Republic | HQ-17A-B | D | Father (or stepfather or foster father) and mother (or stepmother or foster mother) (if ITLANG = 17) / Parents or legal representatives of the child (if ITLANG = 30) |
| Slovak Republic | HQ-17A | D | Father (if ITLANG = 17) / Mother or legal representative of the child (if ITLANG = 30) |
| Slovak Republic | HQ-17B | D | Mother (if ITLANG = 17) / Father or legal representative of the child (if ITLANG = 30) |
| South Africa | HQ-17A-B | D | National categories recoded for international comparability: 1 = Has never worked for pay 2 = Small Business Owner 3 = Clerical Worker 4 = Service or Sales worker / Informal Street Vendor 5 = Skilled agricultural or Fishery worker 6 = Craft or Trade worker 7 = Plant or Machine Operator 8 = General Laborers 9 = Corporate Manager or Senior Official 10 = Professional 11 = Technician or Associate Professional 12 = Not applicable |
| South Africa | HQ-17A | D | Parent A or Caregiver A |
| South Africa | HQ-17B | D | Parent B or Caregiver B |
| Spain | HQ-17A | D | Parent or legal guardian 1 |
| Spain | HQ-17B | D | Parent or legal guardian 2 |
| Turkiye | HQ-17A-B | D | Mother of child (or stepmother or female guardian) and father of child (stepfather or male guardian) |
| Turkiye | HQ-17A | D | Mother of child |

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|----------------------------------|----------|---|--|
| Turkiye | HQ-17B | D | Father of child |
| United Arab Emirates | HQ-17A | D | Father or Male Guardian |
| United Arab Emirates | HQ-17B | D | Mother or Female Guardian |
| Benchmarking Participants | | | |
| Moscow City, Russian Fed. | HQ-17A-B | D | Father (or a man who substitutes him) and mother (a woman who substitutes her) |
| Moscow City, Russian Fed. | HQ-17A | D | Child's father |
| Moscow City, Russian Fed. | HQ-17B | D | Child's mother |
| South Africa (6) | HQ-17A-B | D | National categories recoded for international comparability: 1 = Has never worked for pay 2 = Small Business Owner 3 = Clerical Worker 4 = Service or Sales worker / Informal Street Vendor 5 = Skilled agricultural or Fishery worker 6 = Craft or Trade worker 7 = Plant or Machine Operator 8 = General Laborers 9 = Corporate Manager or Senior Official 10 = Professional 11 = Technician or Associate Professional 12 = Not applicable |
| South Africa (6) | HQ-17A | D | Parent A or Caregiver A |
| South Africa (6) | HQ-17B | D | Parent B or Caregiver B |
| Abu Dhabi, UAE | HQ-17A | D | Father or Male Guardian |
| Abu Dhabi, UAE | HQ-17B | D | Mother or Female Guardian |
| Dubai, UAE | HQ-17A | D | Father or Male Guardian |
| Dubai, UAE | HQ-17B | D | Mother or Female Guardian |

HQ-18AA-GA, AB-GB

Question:

Do the child's <parent/guardians> talk with the child in the following languages?

A: <language of test>

B: <country-specific>

C: <country-specific>

D: <country-specific>

E: <country-specific>

F: Other

G: Not applicable

Variable Name(s):

<Parent/Gaurdian A>: ASBH18AA, ASBH18BA, ASBH18CA, ASBH18DA, ASBH18EA, ASBH18FA, ASBH18GA

<Parent/Gaurdian B>: ASBH18AB, ASBH18BB, ASBH18CB, ASBH18DB, ASBH18EB, ASBH18FB, ASBH18GB

| Country | Item ID | Code | Documentation |
|---------|------------|------|----------------------|
| Albania | HQ-18AA-GA | D | Father or Guardian A |
| Albania | HQ-18AB-GB | D | Mother or Guardian B |
| Albania | HQ-18AA,B | D | Albanian |
| Albania | HQ-18BA,B | D | English |
| Albania | HQ-18CA,B | D | French |
| Albania | HQ-18DA,B | D | German |
| Albania | HQ-18EA,B | D | Italian |
| Austria | HQ-18AA-GA | D | Father |
| Austria | HQ-18AB-GB | D | Mother |
| Austria | HQ-18AA,B | D | German |
| Austria | HQ-18BA,B | D | Albanian |
| Austria | HQ-18CA,B | D | Arabic |
| Austria | HQ-18DA,B | D | Bosnian |
| Austria | HQ-18EA,B | D | English |

| | | | |
|-------------------|------------|---|--|
| Austria | HQ-18FA,B | D | Croatian / Kurdish / Polish / Romanian / Serbian / Turkish / Hungarian / Other language |
| Austria | HQ-18GA,B | D | Cannot be specified |
| Azerbaijan | HQ-18AA-GA | D | Parent or Guardian 1 |
| Azerbaijan | HQ-18AB-GB | D | Parent or Guardian 2 |
| Azerbaijan | HQ-18AA,B | D | Russian language (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Azerbaijan | HQ-18BA,B | D | Azerbaijani language (if ITLANG = 29) / Russian language (if ITLANG = 55) |
| Azerbaijan | HQ-18CA,B | D | Lazghin language |
| Azerbaijan | HQ-18DA,B | D | Talysh language |
| Azerbaijan | HQ-18EA,B | D | English language |
| Bahrain | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Bahrain | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Bahrain | HQ-18CA,B | D | Persian |
| Bahrain | HQ-18DA,B | D | Indian language |
| Bahrain | HQ-18EA,B | D | Pakistani language |
| Belgium (Flemish) | HQ-18 | D | Stem of the question changed: Which language does parent 1 use when speaking to the child at home? Which language does parent 2 use when speaking to the child at home? |
| Belgium (Flemish) | HQ-18AA-GA | D | Parent 1 |
| Belgium (Flemish) | HQ-18AB-GB | D | Parent 2 |
| Belgium (Flemish) | HQ-18AA,B | D | Dutch (this also includes 'Flemish' and 'Flemish' dialects) |
| Belgium (Flemish) | HQ-18BA,B | D | French |
| Belgium (Flemish) | HQ-18CA,B | D | English |
| Belgium (Flemish) | HQ-18DA,B | D | Albanian |
| Belgium (Flemish) | HQ-18EA,B | D | Arabic (this also includes Moroccan-Arabic) |

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|-------------------|------------|---|---|
| Belgium (Flemish) | HQ-18FA,B | D | Armenian / Assyrian / A Berber language / Polish / Russian / Spanish / Turkish / Other language |
| Belgium (French) | HQ-18AA,B | D | French |
| Belgium (French) | HQ-18BA,B | D | Dutch or German |
| Belgium (French) | HQ-18CA,B | D | An Arabic language (Moroccan, Tunisian, Algerian,...) |
| Belgium (French) | HQ-18DA,B | D | Another Western European language (Spanish, Italian, Greek, English,...) |
| Belgium (French) | HQ-18EA,B | D | A Central or Eastern European language (Polish, Romanian, Serbian, Russian,...) |
| Belgium (French) | HQ-18FA,B | D | Turkish / An African language (Swahili, Lingala,...) / Other |
| Brazil | HQ-18AA-GA | D | Father or Mother or Guardian A |
| Brazil | HQ-18AB-GB | D | Father or Mother or Guardian B |
| Brazil | HQ-18AA,B | D | Portuguese |
| Brazil | HQ-18BA,B | D | Spanish |
| Brazil | HQ-18CA,B | D | German |
| Brazil | HQ-18DA,B | D | Italian |
| Brazil | HQ-18EA,B | X | Option not administered or data not available |
| Bulgaria | HQ-18 | D | Father or stepfather or male guardian and the child's mother or stepmother or female guardian |
| Bulgaria | HQ-18AA-GA | D | Father |
| Bulgaria | HQ-18AB-GB | D | Mother |
| Bulgaria | HQ-18AA,B | D | Bulgarian language |
| Bulgaria | HQ-18BA,B | D | Turkish language |
| Bulgaria | HQ-18CA,B | D | Roma language |
| Bulgaria | HQ-18DA,B | X | Option not administered or data not available |
| Bulgaria | HQ-18EA,B | X | Option not administered or data not available |
| Chinese Taipei | HQ-18AA,B | D | Mandarin |
| Chinese Taipei | HQ-18BA,B | D | Taiwanese (Fukien) |

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|----------------|------------|---|--|
| Chinese Taipei | HQ-18CA,B | D | Hakka |
| Chinese Taipei | HQ-18DA,B | D | Aboriginal languages |
| Chinese Taipei | HQ-18EA,B | D | English or American English |
| Chinese Taipei | HQ-18FA,B | D | New resident language from Southeast Asia (Vietnam, Indonesia, Thailand, Myanmar, Cambodia, Malaysia, Philippines) / Other |
| Croatia | HQ-18AA-GA | D | Father (stepfather) or male guardian |
| Croatia | HQ-18AB-GB | D | Mother (stepmother) or female guardian |
| Croatia | HQ-18AA,B | D | Croatian language |
| Croatia | HQ-18BA,B | D | Serbian language |
| Croatia | HQ-18CA,B | D | Italian language |
| Croatia | HQ-18DA,B | D | Hungarian language |
| Croatia | HQ-18EA,B | D | Czech language |
| Cyprus | HQ-18AA-GA | D | Father or Guardian A |
| Cyprus | HQ-18AB-GB | D | Mother or Guardian B |
| Cyprus | HQ-18AA,B | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Cyprus | HQ-18BA,B | D | Greek (if ITLANG = 1) / English (if ITLANG = 44) |
| Cyprus | HQ-18CA,B | D | Russian |
| Cyprus | HQ-18DA,B | D | Bulgarian |
| Cyprus | HQ-18EA,B | D | Romanian |
| Cyprus | HQ-18FA,B | D | Arabic / Other |
| Czech Republic | HQ-18AA-GA | D | Mother of the child |
| Czech Republic | HQ-18AB-GB | D | Father of the child |
| Czech Republic | HQ-18AA,B | D | Czech |
| Czech Republic | HQ-18BA,B | D | Slovak |
| Czech Republic | HQ-18CA,B | D | Romani |
| Czech Republic | HQ-18DA,B | D | Russian |

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|----------------|------------|---|---|
| Czech Republic | HQ-18EA,B | D | Ukrainian |
| Czech Republic | HQ-18FA,B | D | Vietnamese / Other |
| Denmark | HQ-18AA,B | D | Danish |
| Denmark | HQ-18BA,B | D | Turkish |
| Denmark | HQ-18CA,B | D | Polish |
| Denmark | HQ-18DA,B | D | Arabic |
| Denmark | HQ-18EA,B | D | German |
| Denmark | HQ-18FA,B | D | Romanian / Serbian or Croatian or Bosnian / Persian or Farsi / Norwegian or Swedish / English / Punjabi / Other |
| Egypt | HQ-18AA,B | D | Arabic |
| Egypt | HQ-18BA,B | D | English |
| Egypt | HQ-18CA,B | D | French |
| Egypt | HQ-18DA,B | D | German |
| Egypt | HQ-18EA,B | D | Italian |
| Finland | HQ-18AA-GA | D | Mother or Guardian A |
| Finland | HQ-18AB-GB | D | Father or Guardian B |
| Finland | HQ-18AA,B | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| Finland | HQ-18BA,B | D | Finnish (if ITLANG = 32) / Swedish (if ITLANG = 43) |
| Finland | HQ-18CA,B | D | Sami |
| Finland | HQ-18DA,B | D | Romany |
| Finland | HQ-18EA,B | D | Russian |
| France | HQ-18AA,B | D | French |
| France | HQ-18BA,B | D | Arabic |
| France | HQ-18CA,B | D | Another language from Africa |
| France | HQ-18DA,B | D | Portuguese |
| France | HQ-18EA,B | D | Turkish |

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|---------------|------------|---|---|
| Georgia | HQ-18AA,B | D | Georgian |
| Georgia | HQ-18BA,B | D | Russian |
| Georgia | HQ-18CA,B | D | Armenian |
| Georgia | HQ-18DA,B | D | Azerbaijani |
| Georgia | HQ-18EA,B | D | Megrelian |
| Germany | HQ-18 | D | Father (or stepfather or male legal guardian) and mother (or stepmother or female legal guardian) |
| Germany | HQ-18AA-GA | D | Father |
| Germany | HQ-18AB-GB | D | Mother |
| Germany | HQ-18AA,B | D | German |
| Germany | HQ-18BA,B | D | Arabic |
| Germany | HQ-18CA,B | D | Polish |
| Germany | HQ-18DA,B | D | Russian |
| Germany | HQ-18EA,B | D | Turkish |
| Germany | HQ-18GA,B | X | Option not administered or data not available |
| Hong Kong SAR | HQ-18AA,B | D | Cantonese |
| Hong Kong SAR | HQ-18BA,B | D | Mandarin |
| Hong Kong SAR | HQ-18CA,B | D | English |
| Hong Kong SAR | HQ-18DA,B | D | Other Chinese dialects (for example: Fujian, Shanghai dialect, etc.) |
| Hong Kong SAR | HQ-18EA,B | D | Other Asian Language (for example: Indonesia, Thai, Hindi, etc.) |
| Hungary | HQ-18AA-GA | D | Mother or stepmother or foster mother |
| Hungary | HQ-18AB-GB | D | Father or stepfather or foster father |
| Hungary | HQ-18AA,B | D | Hungarian |
| Hungary | HQ-18BA,B | X | Option not administered or data not available |
| Hungary | HQ-18CA,B | X | Option not administered or data not available |

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| Hungary | HQ-18DA,B | X | Option not administered or data not available |
| Hungary | HQ-18EA,B | X | Option not administered or data not available |
| Iran, Islamic Rep. of | HQ-18AA-GA | D | Mother (female guardian) |
| Iran, Islamic Rep. of | HQ-18AB-GB | D | Father (male guardian) |
| Iran, Islamic Rep. of | HQ-18AA,B | D | Farsi |
| Iran, Islamic Rep. of | HQ-18BA,B | D | Turkish |
| Iran, Islamic Rep. of | HQ-18CA,B | D | Kurdish |
| Iran, Islamic Rep. of | HQ-18DA,B | D | Arabic |
| Iran, Islamic Rep. of | HQ-18EA,B | D | Baloochi |
| Iran, Islamic Rep. of | HQ-18FA,B | D | Lori / Other |
| Ireland | HQ-18AA,B | D | English |
| Ireland | HQ-18BA,B | D | Irish |
| Ireland | HQ-18CA,B | D | Polish |
| Ireland | HQ-18DA,B | D | Romanian |
| Ireland | HQ-18EA,B | D | French |
| Israel | HQ-18AA-GA | D | Parent or Guardian A (if ITLANG = 16) / The first guardian (if ITLANG = 53) |
| Israel | HQ-18AB-GB | D | Parent or Guardian B (if ITLANG = 16) / The second guardian (if ITLANG = 53) |
| Israel | HQ-18AA,B | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Israel | HQ-18BA,B | D | Russian (or other languages of the CIS) (if ITLANG = 16) / Hebrew (if ITLANG = 53) |
| Israel | HQ-18CA,B | D | Amharic or Tigrinya (if ITLANG = 16) / English (if ITLANG = 53) |
| Israel | HQ-18DA,B | D | English (if ITLANG = 16) / Option not administered or data not available (if ITLANG = 53) |
| Israel | HQ-18EA,B | D | French (if ITLANG = 16) / Option not administered or data not available (if ITLANG = 53) |
| Israel | HQ-18FA,B | D | Spanish or other (if ITLANG = 16) / Other (if ITLANG = 53) |

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| Italy | HQ-18 | D | Parents |
| Italy | HQ-18AA-GA | D | Parent A |
| Italy | HQ-18AB-GB | D | Parent B |
| Italy | HQ-18AA,B | D | Italian |
| Italy | HQ-18BA,B | D | Another language recognized in Italy (e.g., Ladin or German in Alto Adige, French in Val d'Aosta) |
| Italy | HQ-18CA,B | D | A dialect |
| Italy | HQ-18DA,B | D | Another language of an EU country |
| Italy | HQ-18EA,B | X | Option not administered or data not available |
| Italy | HQ-18FA,B | D | Another language (e.g., Albanian, Arabic, Chinese, etc.) |
| Italy | HQ-18GA,B | X | Option not administered or data not available |
| Jordan | HQ-18AA,B | D | Arabic |
| Jordan | HQ-18BA,B | D | English |
| Jordan | HQ-18CA,B | D | Romanian |
| Jordan | HQ-18DA,B | D | German |
| Jordan | HQ-18EA,B | D | Russian |
| Kazakhstan | HQ-18AA-GA | D | Father of the child |
| Kazakhstan | HQ-18AB-GB | D | Mother of the child |
| Kazakhstan | HQ-18AA,B | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kazakhstan | HQ-18BA,B | D | Kazakh language (if ITLANG = 29) / Russian language (if ITLANG = 39) |
| Kazakhstan | HQ-18CA,B | D | Uzbek language |
| Kazakhstan | HQ-18DA,B | D | Tadjik language |
| Kazakhstan | HQ-18EA,B | D | Uighur language |
| Kosovo | HQ-18AA-GA | D | Father or Guardian A |
| Kosovo | HQ-18AB-GB | D | Mother or Guardian B |

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| Kosovo | HQ-18AA,B | D | Albanian |
| Kosovo | HQ-18BA,B | D | English |
| Kosovo | HQ-18CA,B | D | French |
| Kosovo | HQ-18DA,B | D | German |
| Kosovo | HQ-18EA,B | D | Italian |
| Latvia | HQ-18AA-GA | D | Father or guardian |
| Latvia | HQ-18AB-GB | D | Mother or guardian |
| Latvia | HQ-18AA,B | D | Latvian (if ITLANG = 21) / Russian (if ITLANG = 29) |
| Latvia | HQ-18BA,B | D | Russian (if ITLANG = 21) / Latvian (if ITLANG = 29) |
| Latvia | HQ-18CA,B | D | Belorussian |
| Latvia | HQ-18DA,B | D | Ukrainian |
| Latvia | HQ-18EA,B | D | Polish |
| Latvia | HQ-18FA,B | D | English / Other |
| Lithuania | HQ-18AA-GA | D | Mother or Guardian |
| Lithuania | HQ-18AB-GB | D | Father or Guardian |
| Lithuania | HQ-18AA,B | D | Lithuanian language (if ITLANG = 22) / Polish language (if ITLANG = 27) / Russian language (if ITLANG = 29) |
| Lithuania | HQ-18BA,B | D | Russian language (if ITLANG = 22 or 27) / Lithuanian language (if ITLANG = 29) |
| Lithuania | HQ-18CA,B | D | Polish language (if ITLANG = 22 or 29) / Lithuanian language (if ITLANG = 27) |
| Lithuania | HQ-18DA,B | D | English language |
| Lithuania | HQ-18EA,B | X | Option not administered or data not available |
| Macao | HQ-18AA,B | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Macao | HQ-18BA,B | D | Chinese (if ITLANG = 1 or 45) / Portuguese (if ITLANG = 10) |
| Macao | HQ-18CA,B | D | Portuguese (if ITLANG = 1) / English (if ITLANG = 10 or 45) |
| Macao | HQ-18DA,B | D | Filipino |

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| Macao | HQ-18EA,B | D | Other European language (e.g., French, Spanish) |
| Malta | HQ-18AA,B | D | English (if ITLANG = 1) / Maltese (if ITLANG = 48) |
| Malta | HQ-18BA,B | D | Maltese (if ITLANG = 1) / English (if ITLANG = 48) |
| Malta | HQ-18CA,B | X | Option not administered or data not available |
| Malta | HQ-18DA,B | X | Option not administered or data not available |
| Malta | HQ-18EA,B | X | Option not administered or data not available |
| Montenegro | HQ-18AA,B | D | Montenegrin language |
| Montenegro | HQ-18BA,B | D | Serbian language |
| Montenegro | HQ-18CA,B | D | Bosnian language |
| Montenegro | HQ-18DA,B | D | Croatian language |
| Montenegro | HQ-18EA,B | D | Albanian language |
| Morocco | HQ-18AA,B | D | Standard Arabic |
| Morocco | HQ-18BA,B | D | Local language or Darija |
| Morocco | HQ-18CA,B | D | Amazigh |
| Morocco | HQ-18DA,B | D | French |
| Morocco | HQ-18EA,B | D | English |
| Netherlands | HQ-18AA,B | D | Dutch |
| Netherlands | HQ-18BA,B | D | Regional Language (Fries, Limburgs or Nedersaksisch) |
| Netherlands | HQ-18CA,B | X | Option not administered or data not available |
| Netherlands | HQ-18DA,B | X | Option not administered or data not available |
| Netherlands | HQ-18EA,B | X | Option not administered or data not available |
| New Zealand | HQ-18AA-GA | D | Parent or Caregiver A |
| New Zealand | HQ-18AB-GB | D | Parent or Caregiver B |
| New Zealand | HQ-18AA,B | D | English / Maori |
| New Zealand | HQ-18BA,B | D | Maori / English |
| New Zealand | HQ-18CA,B | D | A Pacific language (e.g., Samoan, Tongan, Cook Islands Maori) |

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| New Zealand | HQ-18DA,B | D | An Asian language (e.g., Mandarin, Hindi, Tagalog, Urdu) |
| New Zealand | HQ-18EA,B | D | A European language (e.g., French, Spanish) |
| New Zealand | HQ-18FA,B | D | Another language (e.g., NZ Sign Language, Afrikaans, Somali, Farsi) |
| New Zealand | HQ-18GA,B | D | Not applicable (to this household) |
| North Macedonia | HQ-18AA,B | D | Albanian language (if ITLANG = 5) / Macedonian language (if ITLANG = 23) |
| North Macedonia | HQ-18BA,B | D | Macedonian language (if ITLANG = 5) / Albanian language (if ITLANG = 23) |
| North Macedonia | HQ-18CA,B | D | Turkish language |
| North Macedonia | HQ-18DA,B | D | Serbian language |
| North Macedonia | HQ-18EA,B | D | Romani language |
| Northern Ireland | HQ-18AA,B | D | English |
| Northern Ireland | HQ-18BA,B | D | Irish |
| Northern Ireland | HQ-18CA,B | D | Polish |
| Northern Ireland | HQ-18DA,B | D | Lithuanian |
| Northern Ireland | HQ-18EA,B | D | Romanian |
| Northern Ireland | HQ-18FA,B | D | Arabic / Portuguese / Other |
| Norway (5) | HQ-18AA,B | D | Norwegian |
| Norway (5) | HQ-18BA,B | D | Danish or Swedish |
| Norway (5) | HQ-18CA,B | X | Option not administered or data not available |
| Norway (5) | HQ-18DA,B | X | Option not administered or data not available |
| Norway (5) | HQ-18EA,B | X | Option not administered or data not available |
| Oman | HQ-18AA-GA | D | Child's mother or female guardian |
| Oman | HQ-18AB-GB | D | Child's father or male guardian |
| Oman | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Oman | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |

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| Oman | HQ-18CA,B | D | Swahili |
| Oman | HQ-18DA,B | D | Urdu (Baloshi) |
| Oman | HQ-18EA,B | D | Persian (Lawatian) |
| Poland | HQ-18 | D | Father (stepfather, male legal guardian) and mother (stepmother, female legal guardian) |
| Poland | HQ-18AA-GA | D | Father |
| Poland | HQ-18AB-GB | D | Mother |
| Poland | HQ-18AA,B | D | Polish |
| Poland | HQ-18BA,B | D | Belarussian |
| Poland | HQ-18CA,B | D | German |
| Poland | HQ-18DA,B | D | Russian |
| Poland | HQ-18EA,B | D | Ukrainian |
| Poland | HQ-18FA,B | D | Vietnamese / Other |
| Portugal | HQ-18 | D | Parents (or legal guardians) |
| Portugal | HQ-18AA-GA | D | Mother or legal guardian A |
| Portugal | HQ-18AB-GB | D | Father or legal guardian B |
| Portugal | HQ-18AA,B | D | Portuguese |
| Portugal | HQ-18BA,B | D | Creole |
| Portugal | HQ-18CA,B | D | Ukrainian |
| Portugal | HQ-18DA,B | D | Chinese |
| Portugal | HQ-18EA,B | D | English |
| Qatar | HQ-18AA-GA | D | Father or male guardian |
| Qatar | HQ-18AB-GB | D | Mother or female guardian |
| Qatar | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Qatar | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Qatar | HQ-18CA,B | D | Persian |

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| Qatar | HQ-18DA,B | D | Urdu |
| Qatar | HQ-18EA,B | D | Somali |
| Russian Federation | HQ-18 | D | The child's parents or primary caregivers |
| Russian Federation | HQ-18AA-GA | D | Child's father |
| Russian Federation | HQ-18AB-GB | D | Child's mother |
| Russian Federation | HQ-18AA,B | D | Russian |
| Russian Federation | HQ-18BA,B | X | Option not administered or data not available |
| Russian Federation | HQ-18CA,B | X | Option not administered or data not available |
| Russian Federation | HQ-18DA,B | X | Option not administered or data not available |
| Russian Federation | HQ-18EA,B | X | Option not administered or data not available |
| Saudi Arabia | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Saudi Arabia | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Saudi Arabia | HQ-18CA,B | D | French |
| Saudi Arabia | HQ-18DA,B | D | German |
| Saudi Arabia | HQ-18EA,B | D | Italian |
| Serbia | HQ-18AA,B | D | Serbian language |
| Serbia | HQ-18BA,B | D | Hungarian language |
| Serbia | HQ-18CA,B | D | Albanian language |
| Serbia | HQ-18DA,B | D | Roma language |
| Serbia | HQ-18EA,B | D | Croatian language |
| Singapore | HQ-18AA-GA | D | Father or Male Guardian |
| Singapore | HQ-18AB-GB | D | Mother or Female Guardian |
| Singapore | HQ-18AA,B | D | English |
| Singapore | HQ-18BA,B | D | Mandarin |
| Singapore | HQ-18CA,B | D | Malay |
| Singapore | HQ-18DA,B | D | Tamil |

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| Singapore | HQ-18EA,B | D | A Chinese dialect |
| Slovak Republic | HQ-18 | D | Parents or guardians (if ITLANG = 17) / Parents or legal representatives of the child (if ITLANG = 30) |
| Slovak Republic | HQ-18AA-GA | D | Father (if ITLANG = 17) / Mother or legal representative of the child (if ITLANG = 30) |
| Slovak Republic | HQ-18AB-GB | D | Mother (if ITLANG = 17) / Father or legal representative of the child (if ITLANG = 30) |
| Slovak Republic | HQ-18AA,B | D | Hungarian language (if ITLANG = 17) / Slovak language (if ITLANG = 30) |
| Slovak Republic | HQ-18BA,B | D | Slovak language (if ITLANG = 17) / Hungarian language (if ITLANG = 30) |
| Slovak Republic | HQ-18CA,B | D | Roma language |
| Slovak Republic | HQ-18DA,B | D | Czech language |
| Slovak Republic | HQ-18EA,B | D | Ruthenian language |
| Slovenia | HQ-18AA,B | D | Slovenian |
| Slovenia | HQ-18BA,B | D | Hungarian |
| Slovenia | HQ-18CA,B | D | Italian |
| Slovenia | HQ-18DA,B | D | Romani |
| Slovenia | HQ-18EA,B | D | Croatian |
| Slovenia | HQ-18FA,B | D | Bosnian / Serbian / Macedonian / Albanian / Sign language / Other |
| South Africa | HQ-18AA-GA | D | Parent A or Caregiver A |
| South Africa | HQ-18AB-GB | D | Parent B or Caregiver B |
| South Africa | HQ-18AA,B | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| South Africa | HQ-18BA,B | D | Other South African language(s) |
| South Africa | HQ-18CA,B | X | Option not administered or data not available |

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| South Africa | HQ-18DA,B | X | Option not administered or data not available |
| South Africa | HQ-18EA,B | X | Option not administered or data not available |
| South Africa | HQ-18FA,B | D | Other (e.g., French, Portuguese, Mandarin, Shona, etc.) |
| Spain | HQ-18 | D | Parent or legal guardian |
| Spain | HQ-18AA-GA | D | Parent or legal guardian 1 |
| Spain | HQ-18AB-GB | D | Parent or legal guardian 2 |
| Spain | HQ-18AA,B | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Spain | HQ-18BA,B | D | Catalan (if ITLANG = 2) / Spanish (if ITLANG = (49, 51, 52, 57)) |
| Spain | HQ-18CA,B | D | Galician (if ITLANG = (2, 49, 51, 52)) / Catalan (if ITLANG = 57) |
| Spain | HQ-18DA,B | D | Valencian (if ITLANG = (2, 49, 51, 57)) / Catalan (if ITLANG = 52) |
| Spain | HQ-18EA,B | D | Basque (if ITLANG = (2, 49, 52, 57)) / Catalan (if ITLANG = 51) |
| Sweden | HQ-18AA,B | D | Swedish |
| Sweden | HQ-18BA,B | X | Option not administered or data not available |
| Sweden | HQ-18CA,B | X | Option not administered or data not available |
| Sweden | HQ-18DA,B | X | Option not administered or data not available |
| Sweden | HQ-18EA,B | X | Option not administered or data not available |
| Turkiye | HQ-18 | D | Mother of child (or stepmother or female guardian) and father of child (or stepfather or male guardian) |
| Turkiye | HQ-18AA-GA | D | Mother of child |
| Turkiye | HQ-18AB-GB | D | Father of child |
| Turkiye | HQ-18AA,B | D | Turkish |
| Turkiye | HQ-18BA,B | X | Option not administered or data not available |
| Turkiye | HQ-18CA,B | X | Option not administered or data not available |

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| Turkiye | HQ-18DA,B | X | Option not administered or data not available |
| Turkiye | HQ-18EA,B | X | Option not administered or data not available |
| United Arab Emirates | HQ-18AA-GA | D | Father or Male Guardian |
| United Arab Emirates | HQ-18AB-GB | D | Mother or Female Guardian |
| United Arab Emirates | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| United Arab Emirates | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| United Arab Emirates | HQ-18CA,B | D | Persian |
| United Arab Emirates | HQ-18DA,B | D | Urdu |
| United Arab Emirates | HQ-18EA,B | D | Tagalog |
| Uzbekistan | HQ-18AA,B | D | Russian language (if ITLANG = 29) / Uzbek language (if ITLANG = 71) / Karakalpak language (if ITLANG = 73) |
| Uzbekistan | HQ-18BA,B | D | Uzbek language (if ITLANG = 29) / Russian language (if ITLANG = 71 or 73) |
| Uzbekistan | HQ-18CA,B | D | Karakalpak language (if ITLANG = 29 or 71) / Uzbek language (if ITLANG = 73) |
| Uzbekistan | HQ-18DA,B | D | Tajik language |
| Uzbekistan | HQ-18EA,B | D | Kazakh language |

Benchmarking Participants

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| Alberta, Canada | HQ-18AA,B | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Alberta, Canada | HQ-18BA,B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| Alberta, Canada | HQ-18CA,B | X | Option not administered or data not available |
| Alberta, Canada | HQ-18DA,B | X | Option not administered or data not available |
| Alberta, Canada | HQ-18EA,B | X | Option not administered or data not available |
| British Columbia, Canada | HQ-18AA,B | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| British Columbia, Canada | HQ-18BA,B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| British Columbia, Canada | HQ-18CA,B | X | Option not administered or data not available |
| British Columbia, Canada | HQ-18DA,B | X | Option not administered or data not available |

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| British Columbia, Canada | HQ-18EA,B | X | Option not administered or data not available |
| Newfoundland & Labrador, Can. | HQ-18AA,B | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | HQ-18BA,B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | HQ-18CA,B | X | Option not administered or data not available |
| Newfoundland & Labrador, Can. | HQ-18DA,B | X | Option not administered or data not available |
| Newfoundland & Labrador, Can. | HQ-18EA,B | X | Option not administered or data not available |
| Quebec, Canada | HQ-18AA,B | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | HQ-18BA,B | D | French (if ITLANG = 1) / English (if ITLANG = 3) |
| Quebec, Canada | HQ-18CA,B | X | Option not administered or data not available |
| Quebec, Canada | HQ-18DA,B | X | Option not administered or data not available |
| Quebec, Canada | HQ-18EA,B | X | Option not administered or data not available |
| Moscow City, Russian Fed. | HQ-18 | D | The child's parents or primary caregivers |
| Moscow City, Russian Fed. | HQ-18AA-GA | D | Child's father |
| Moscow City, Russian Fed. | HQ-18AB-GB | D | Child's mother |
| Moscow City, Russian Fed. | HQ-18AA,B | D | Russian |
| Moscow City, Russian Fed. | HQ-18BA,B | X | Option not administered or data not available |
| Moscow City, Russian Fed. | HQ-18CA,B | X | Option not administered or data not available |
| Moscow City, Russian Fed. | HQ-18DA,B | X | Option not administered or data not available |
| Moscow City, Russian Fed. | HQ-18EA,B | X | Option not administered or data not available |
| South Africa (6) | HQ-18AA-GA | D | Parent A or Caregiver A |
| South Africa (6) | HQ-18AB-GB | D | Parent B or Caregiver B |
| South Africa (6) | HQ-18AA,B | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| South Africa (6) | HQ-18BA,B | D | Other South African language(s) |

| | | | |
|------------------|------------|---|---|
| South Africa (6) | HQ-18CA,B | X | Option not administered or data not available |
| South Africa (6) | HQ-18DA,B | X | Option not administered or data not available |
| South Africa (6) | HQ-18EA,B | X | Option not administered or data not available |
| South Africa (6) | HQ-18FA,B | D | Other (e.g., French, Portuguese, Mandarin, Shona, etc.) |
| Abu Dhabi, UAE | HQ-18AA-GA | D | Father or Male Guardian |
| Abu Dhabi, UAE | HQ-18AB-GB | D | Mother or Female Guardian |
| Abu Dhabi, UAE | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Abu Dhabi, UAE | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Abu Dhabi, UAE | HQ-18CA,B | D | Persian |
| Abu Dhabi, UAE | HQ-18DA,B | D | Urdu |
| Abu Dhabi, UAE | HQ-18EA,B | D | Tagalog |
| Dubai, UAE | HQ-18AA-GA | D | Father or Male Guardian |
| Dubai, UAE | HQ-18AB-GB | D | Mother or Female Guardian |
| Dubai, UAE | HQ-18AA,B | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | HQ-18BA,B | D | Arabic (if ITLANG = 1) / English (if ITLANG = 53) |
| Dubai, UAE | HQ-18CA,B | D | Persian |
| Dubai, UAE | HQ-18DA,B | D | Urdu |
| Dubai, UAE | HQ-18EA,B | D | Tagalog |

HQ-19

Question:

Did your child stay home at any time because of the COVID-19 pandemic?

1 = Yes

2 = No (If No, thank you for completing this questionnaire)

Variable Name(s): ASBH19

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|-----------------------|
| Belgium (Flemish) | HQ-19 | D | Gang punched to "Yes" |

| | | | |
|------------------|-------|---|--|
| Belgium (French) | HQ-19 | D | Stem of the question changed: Did your child stay home at any time because of the lockdown due to the COVID-19 pandemic? |
| Czech Republic | HQ-19 | D | National categories recoded: 1 = Yes 2 = Category not administered or data not available |
| Hungary | HQ-19 | D | Stem of the question changed: Did your child not go to school at any time because of the coronavirus pandemic? |
| Israel | HQ-19 | D | Stem of the question changed: During the current school year: did your child stay home as a result of the COVID-19 pandemic? (if ITLANG = 16) / Did your child stay home at any time because of the COVID-19 pandemic during the current academic year ? (if ITLANG = 53) |
| New Zealand | HQ-19 | D | Stem of the question changed: Did your child stay home from school at any time because of the COVID-19 pandemic? |
| Singapore | HQ-19 | X | Question not administered or data not available. |

HQ-20A-C

Question:

When your child was not in school, how did your child's school engage with your child's home-based learning?

A: Reading assignments
B: Online activities
C: Printed learning materials

1 = Yes
2 = No

Variable Name(s): ASBH20A, ASBH20B, ASBH20C

| Country | Item ID | Code | Documentation |
|---------|----------|------|--|
| Austria | HQ-20A-C | D | Stem of the question changed: When your child was not in school during the pandemic, how did your child's school engage with the home-based learning? |

| | | | |
|-------------------|----------|---|--|
| Belgium (Flemish) | HQ-20A-C | D | Stem of the question changed: When your child was not in school, how did your child's school engage with your child's homebased learning due to the COVID-19 pandemic? |
| Bulgaria | HQ-20A-C | D | Stem of the question changed: During home-based learning, did your child receive any of the following from the school? |
| Bulgaria | HQ-20B | D | Digitally-based instruction |
| Finland | HQ-20A-C | D | Stem of the question changed: Has your child's school offered the following when your child stayed at home for distance learning? |
| Germany | HQ-20A-C | D | Stem of the question changed: How often were the following formats provided by your child's school to support learning from home while your child was away from school? National categories recoded for international comparability: 1 = Daily or almost daily / At least 1 time per week / Less frequently than 1 time per week 2 = Never |
| Germany | HQ-20B | D | Online instruction and online tasks |
| Israel | HQ-20A-C | D | Stem of the question changed: During the current school year: when your child stayed home, in what ways was your child's school involved in their learning? (if ITLANG = 16) / When your child was not in school, how did your child's school engage with your child's homebased learning during the current academic year? (if ITLANG = 53) |
| New Zealand | HQ-20A-C | D | Stem of the question changed: What did your child's school arrange for their home-based learning? |
| New Zealand | HQ-20C | D | Printed learning materials (e.g., 'hardpacks' such as worksheets) |
| Singapore | HQ-20A-C | X | Question not administered or data not available. |

HQ-21A-D

Question:

Did you provide additional educational resources for your child during the pandemic?

A: Books

B: Digital devices

C: Digitally-based learning activities

D: Online instruction or tutoring

1 = Yes

2 = No

Variable Name(s): ASBH21A, ASBH21B, ASBH21C, ASBH21D

| Country | Item ID | Code | Documentation |
|-------------------|----------|------|---|
| Belgium (Flemish) | HQ-21B | D | Digital devices (e.g., computer, laptop, tablet, smartphone) |
| Belgium (French) | HQ-21A-D | D | Stem of the question changed: Did you provide additional educational resources for your child during the periods of lockdown? |
| Denmark | HQ-21A-D | D | Stem of the question changed: Did you provide your child with access to additional instruction during the pandemic with the following? |
| Denmark | HQ-21D | D | Digital devices (computer, tablets) |
| Germany | HQ-21A-D | D | Stem of the question changed: Did you provide your child with additional materials during the pandemic to help him or her learn? |
| Israel | HQ-21A-D | D | Stem of the question changed: Did you provide additional educational resources for your child during the current school year? (if ITLANG = 16) / Regarding the current academic year, did you provide additional educational resources for your child during the pandemic? (if ITLANG = 53) |
| New Zealand | HQ-21A-D | D | Stem of the question changed: Have you provided additional educational resources for your child's home-based learning? |
| Norway (5) | HQ-21B | D | Digital devices (e.g., PCs, tablets, etc.) (if ITLANG = 8) / Digital devices (if ITLANG = 26) |
| Sweden | HQ-21B | D | Digital devices (e.g., computer, tablet or smartphone) |
| Singapore | HQ-21A-D | X | Question not administered or data not available. |

HQ-22

Question:

Do you think your child's learning progress has been adversely affected?

1 = A lot

2 = Somewhat

3 = Not at all

Variable Name(s): ASBH22

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|--|
| Austria | HQ-22 | D | Stem of the question changed: Do you think your child's learning progress has been adversely affected by the pandemic? |
| Belgium (Flemish) | HQ-22 | D | Stem of the question changed: Do you think your child's learning progress has been adversely affected during the coronavirus period? |
| Belgium (French) | HQ-22 | D | Stem of the question changed: Do you think your child's learning progress has been adversely affected by the periods of lockdown? |
| Finland | HQ-22 | D | Stem of the question changed: In your opinion, have the consequences of the pandemic adversely affected your child's learning progress? |
| Hungary | HQ-22 | D | Stem of the question changed: Do you think that the pandemic situation adversely affected your child's learning progress? |
| Israel | HQ-22 | D | Stem of the question changed: Do you think your child's learning progress has been adversely affected during the current school year? (if ITLANG = 16) / Do you think your child's learning progress has been adversely affected during the current academic year? (if ITLANG = 53) |
| Slovak Republic | HQ-22 | D | Stem of the question changed: Do you think your child's learning progress has been adversely affected? (if ITLANG = 17) / Do you think that the fact that your child had to stay home adversely affected their learning progress? (if ITLANG = 30) |
| Singapore | HQ-22 | X | Question not administered or data not available. |

Home Tracking Variables

Variable Labels

Language of Home Questionnaire

Locale ID of Home Questionnaire

Variable Name(s): ITLANG_HQ, LCID_HQ

| Country | Item ID | Code | Documentation |
|-------------|-----------|------|---|
| New Zealand | ITLANG_HQ | X | Question not administered or data not available |
| New Zealand | LCID_HQ | X | Question not administered or data not available |

SECTION 3

National Adaptations of the School Questionnaire

ScQ-01

Question:

What is the total enrollment of students in your school as of <first day of month PIRLS testing begins, 2021> ?

Variable Name(s): ACBG01

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|---|
| Albania | ScQ-01 | D | March 1, 2021 |
| Australia | ScQ-01 | D | October 1, 2021 |
| Austria | ScQ-01 | D | April 1, 2021 |
| Azerbaijan | ScQ-01 | D | April 1, 2021 |
| Bahrain | ScQ-01 | D | First day of the month that PIRLS testing begins, 2021 |
| Belgium (Flemish) | ScQ-01 | D | February 15, 2021 |
| Belgium (French) | ScQ-01 | D | April 1, 2021 |
| Brazil | ScQ-01 | D | October 1, 2021 |
| Bulgaria | ScQ-01 | D | March 1, 2021 |
| Chinese Taipei | ScQ-01 | D | March 22, 2021 |
| Croatia | ScQ-01 | D | At the end of the school year 2020-2021 (as of June 18, 2021) |
| Cyprus | ScQ-01 | D | March 1, 2021 |
| Czech Republic | ScQ-01 | D | March 1, 2021 |
| Denmark | ScQ-01 | D | March 1, 2021 |

| | | | |
|-----------------------|--------|---|--|
| Egypt | ScQ-01 | D | April 1, 2021 |
| England | ScQ-01 | D | April 1, 2022 |
| Finland | ScQ-01 | D | March 1, 2021 |
| France | ScQ-01 | D | March 1, 2021 |
| Georgia | ScQ-01 | D | March 22, 2021 |
| Germany | ScQ-01 | D | April 1, 2021 |
| Hong Kong SAR | ScQ-01 | D | March 1, 2021 |
| Hungary | ScQ-01 | D | Stem of the question changed: What is the total enrollment of students in your school as of the end of school year 2020-2021? |
| Iran, Islamic Rep. of | ScQ-01 | D | March 21, 2021 |
| Ireland | ScQ-01 | D | At the end of the 2020-2021 school year |
| Israel | ScQ-01 | D | May 1, 2022 |
| Italy | ScQ-01 | D | March 1, 2021 |
| Jordan | ScQ-01 | D | April 1, 2021 |
| Kazakhstan | ScQ-01 | D | At the end of 2020 - 2021 academic year |
| Kosovo | ScQ-01 | D | May 1, 2021 |
| Latvia | ScQ-01 | D | March 1, 2021 |
| Lithuania | ScQ-01 | D | The end of the 2020-2021 school year |
| Macao | ScQ-01 | D | March 15, 2021 |
| Malta | ScQ-01 | D | April 1, 2021 |
| Montenegro | ScQ-01 | D | March 1, 2021 |
| Morocco | ScQ-01 | D | May 1, 2021 |
| Netherlands | ScQ-01 | D | March 1, 2021 |
| New Zealand | ScQ-01 | D | November 1, 2020 |
| North Macedonia | ScQ-01 | D | April 1, 2021 |
| Northern Ireland | ScQ-01 | D | At the end of the last academic year (June 2021) |
| Norway (5) | ScQ-01 | D | April 1, 2021 |

| | | | |
|----------------------|--------|---|--------------------------------------|
| Oman | ScQ-01 | D | May 1, 2021 |
| Poland | ScQ-01 | D | April 1, 2021 |
| Portugal | ScQ-01 | D | March 1, 2021 |
| Qatar | ScQ-01 | D | March 1, 2021 |
| Russian Federation | ScQ-01 | D | April 1, 2021 |
| Saudi Arabia | ScQ-01 | D | The end of the 2020-21 school year |
| Serbia | ScQ-01 | D | March 1, 2021 |
| Singapore | ScQ-01 | D | October 1, 2020 |
| Slovak Republic | ScQ-01 | D | May 1, 2021 |
| Slovenia | ScQ-01 | D | March 1, 2021 |
| South Africa | ScQ-01 | D | August 1, 2021 |
| Spain | ScQ-01 | D | April 1, 2021 |
| Sweden | ScQ-01 | D | March 1, 2021 |
| Turkiye | ScQ-01 | D | April 1, 2021 |
| United Arab Emirates | ScQ-01 | D | February 1, 2021 |
| United States | ScQ-01 | D | The end of the 2020-2021 school year |
| Uzbekistan | ScQ-01 | D | April 1, 2021 |

Benchmarking Participants

| | | | |
|-------------------------------|--------|---|------------------|
| Alberta, Canada | ScQ-01 | D | April 1, 2021 |
| British Columbia, Canada | ScQ-01 | D | April 1, 2021 |
| Newfoundland & Labrador, Can. | ScQ-01 | D | April 1, 2021 |
| Quebec, Canada | ScQ-01 | D | April 1, 2021 |
| Moscow City, Russian Fed. | ScQ-01 | D | April 1, 2021 |
| South Africa (6) | ScQ-01 | D | August 1, 2021 |
| Abu Dhabi, UAE | ScQ-01 | D | February 1, 2021 |
| Dubai, UAE | ScQ-01 | D | February 1, 2021 |

ScQ-02

Question:

What is the enrollment of <fourth grade> students in your school as of <first day of month PIRLS testing begins, 2021> ?

Variable Name(s): ACBG02

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|---|
| Albania | ScQ-02 | D | March 1, 2021 |
| Australia | ScQ-02 | D | October 1, 2021 |
| Austria | ScQ-02 | D | April 1, 2021 |
| Azerbaijan | ScQ-02 | D | April 1, 2021 |
| Bahrain | ScQ-02 | D | First day of the month that PIRLS testing begins, 2021 |
| Belgium (Flemish) | ScQ-02 | D | February 15, 2021 |
| Belgium (French) | ScQ-02 | D | April 1, 2021 |
| Brazil | ScQ-02 | D | October 1, 2021 |
| Bulgaria | ScQ-02 | D | March 1, 2021 |
| Chinese Taipei | ScQ-02 | D | March 22, 2021 |
| Croatia | ScQ-02 | D | At the end of the school year 2020-2021 (as of June 18, 2021) |
| Cyprus | ScQ-02 | D | March 1, 2021 |
| Czech Republic | ScQ-02 | D | March 1, 2021 |
| Denmark | ScQ-02 | D | March 1, 2021 |
| Egypt | ScQ-02 | D | April 1, 2021 |
| England | ScQ-02 | D | April 1, 2022 |
| Finland | ScQ-02 | D | March 1, 2021 |
| France | ScQ-02 | D | March 1, 2021 |
| Georgia | ScQ-02 | D | March 22, 2021 |
| Germany | ScQ-02 | D | April 1, 2021 |

| | | | |
|-----------------------|--------|---|--|
| Hong Kong SAR | ScQ-02 | D | March 1, 2021 |
| Hungary | ScQ-02 | D | The end of school year 2020-2021 |
| Iran, Islamic Rep. of | ScQ-02 | D | March 21, 2021 |
| Ireland | ScQ-02 | D | At the end of the 2020-2021 school year |
| Israel | ScQ-02 | D | May 1, 2022 |
| Italy | ScQ-02 | D | March 1, 2021 |
| Jordan | ScQ-02 | D | April 1, 2021 |
| Kazakhstan | ScQ-02 | D | At the end of 2020 - 2021 academic year |
| Kosovo | ScQ-02 | D | May 1, 2021 |
| Latvia | ScQ-02 | D | March 1, 2021 |
| Lithuania | ScQ-02 | D | The end of the 2020-2021 school year |
| Macao | ScQ-02 | D | March 15, 2021 |
| Malta | ScQ-02 | D | April 1, 2021 |
| Montenegro | ScQ-02 | D | March 1, 2021 |
| Morocco | ScQ-02 | D | May 1, 2021 |
| Netherlands | ScQ-02 | D | March 1, 2021 |
| New Zealand | ScQ-02 | D | November 1, 2020 |
| North Macedonia | ScQ-02 | D | April 1, 2021 |
| Northern Ireland | ScQ-02 | D | At the end of the last academic year (June 2021) |
| Norway (5) | ScQ-02 | D | April 1, 2021 |
| Oman | ScQ-02 | D | May 1, 2021 |
| Poland | ScQ-02 | D | April 1, 2021 |
| Portugal | ScQ-02 | D | March 1, 2021 |
| Qatar | ScQ-02 | D | March 1, 2021 |
| Russian Federation | ScQ-02 | D | April 1, 2021 |
| Saudi Arabia | ScQ-02 | D | The end of the 2020-21 school year |

| | | | |
|----------------------|--------|---|--------------------------------------|
| Serbia | ScQ-02 | D | March 1, 2021 |
| Singapore | ScQ-02 | D | October 1, 2020 |
| Slovak Republic | ScQ-02 | D | May 1, 2021 |
| Slovenia | ScQ-02 | D | March 1, 2021 |
| South Africa | ScQ-02 | D | August 1, 2021 |
| Spain | ScQ-02 | D | April 1, 2021 |
| Sweden | ScQ-02 | D | March 1, 2021 |
| Turkiye | ScQ-02 | D | April 1, 2021 |
| United Arab Emirates | ScQ-02 | D | February 1, 2021 |
| United States | ScQ-02 | D | The end of the 2020-2021 school year |
| Uzbekistan | ScQ-02 | D | April 1, 2021 |

Benchmarking Participants

| | | | |
|-------------------------------|--------|---|------------------|
| Alberta, Canada | ScQ-02 | D | April 1, 2021 |
| British Columbia, Canada | ScQ-02 | D | April 1, 2021 |
| Newfoundland & Labrador, Can. | ScQ-02 | D | April 1, 2021 |
| Quebec, Canada | ScQ-02 | D | April 1, 2021 |
| Moscow City, Russian Fed. | ScQ-02 | D | April 1, 2021 |
| South Africa (6) | ScQ-02 | D | August 1, 2021 |
| Abu Dhabi, UAE | ScQ-02 | D | February 1, 2021 |
| Dubai, UAE | ScQ-02 | D | February 1, 2021 |

ScQ-03A-B

Question:

Approximately what percentage of students in your school have the following backgrounds?

A: Come from economically disadvantaged homes

B: Come from economically affluent homes

1 = 0 to 10%

2 = 11 to 25%

3 = 26 to 50%

4 = More than 50%

| Variable Name(s): | ACBG03A, ACBG03B | | |
|----------------------------------|------------------|------|--|
| Country | Item ID | Code | Documentation |
| Croatia | ScQ-03A | D | Come from economically disadvantaged families |
| Croatia | ScQ-03B | D | Come from economically affluent families |
| Germany | ScQ-03A | D | Come from economically disadvantaged families |
| Germany | ScQ-03B | D | Come from wealthy families |
| Russian Federation | ScQ-03A-B | D | Stem of the question changed: Approximately what percentage of students in your primary school have the following backgrounds? |
| Slovak Republic | ScQ-03B | X | Option not administered or data not available. |
| United States | ScQ-03A-B | D | Stem of the question changed: Approximately what percentage of students in your school had the following backgrounds at the end of the 2020-2021 school year? |
| Benchmarking Participants | | | |
| Moscow City, Russian Fed. | ScQ-03A-B | D | Stem of the question changed: Approximately what percentage of the students in your primary school have the following backgrounds? |

ScQ-04

Question:

Approximately what percentage of students in your school have <language of test> as their native language?

- 1 = More than 90%
- 2 = 76 to 90%
- 3 = 51 to 75%
- 4 = 26 to 50%
- 5 = 25% or less

| Variable Name(s): | ACBG04 | | |
|--------------------------|---------|------|--|
| Country | Item ID | Code | Documentation |
| Albania | ScQ-04 | D | Albanian |
| Australia | ScQ-04 | D | English |
| Austria | ScQ-04 | D | German |
| Azerbaijan | ScQ-04 | D | Question not administered or data not available (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | ScQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Belgium (Flemish) | ScQ-04 | D | Dutch |
| Belgium (French) | ScQ-04 | D | French |
| Brazil | ScQ-04 | D | Portuguese |
| Bulgaria | ScQ-04 | D | Bulgarian language |
| Chinese Taipei | ScQ-04 | D | Mandarin |
| Croatia | ScQ-04 | D | Croatian |
| Cyprus | ScQ-04 | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Czech Republic | ScQ-04 | D | Czech |
| Denmark | ScQ-04 | D | Danish |
| Egypt | ScQ-04 | D | Arabic language |
| England | ScQ-04 | D | English |
| Finland | ScQ-04 | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |

| | | | |
|-----------------------|--------|---|--|
| France | ScQ-04 | D | French |
| Georgia | ScQ-04 | D | Georgian |
| Germany | ScQ-04 | D | German |
| Hong Kong SAR | ScQ-04 | D | Chinese |
| Hungary | ScQ-04 | D | Hungarian |
| Iran, Islamic Rep. of | ScQ-04 | D | Farsi language |
| Ireland | ScQ-04 | D | Stem of the question changed: Approximately what percentage of pupils in your school are native English speakers? |
| Israel | ScQ-04 | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Italy | ScQ-04 | D | Italian |
| Jordan | ScQ-04 | D | Arabic language |
| Kazakhstan | ScQ-04 | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kosovo | ScQ-04 | D | Albanian |
| Latvia | ScQ-04 | D | Language of PIRLS test |
| Lithuania | ScQ-04 | D | Language they are taught at school |
| Macao | ScQ-04 | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | ScQ-04 | X | Question not administered or data not available |
| Montenegro | ScQ-04 | D | Montenegrin |
| Morocco | ScQ-04 | D | Arabic |
| Netherlands | ScQ-04 | D | Dutch |

National categories recoded for international comparability:
 1 = More than 90%
 2 = 76 to 90%
 3 = 51 to 75%
 4 = 26 to 50%
 5 = 11 to 25% / 10% or less

| | | | |
|----------------------|--------|---|---|
| New Zealand | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your school have English as their first language? / Approximately what percentage of students in your school have te reo Māori as their first language? |
| North Macedonia | ScQ-04 | D | Albanian language (if ITLANG = 5) / Macedonian language (if ITLANG = 23) |
| Northern Ireland | ScQ-04 | D | Stem of the question changed: Approximately what percentage of pupils in your school have English as their first language? |
| Norway (5) | ScQ-04 | D | Norwegian |
| Oman | ScQ-04 | D | English (if ITLANG = 1) / Arabic language (if ITLANG = 53) |
| Poland | ScQ-04 | D | Polish |
| Portugal | ScQ-04 | D | Portuguese |
| Qatar | ScQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Russian Federation | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your primary school have Russian as their native language? |
| Saudi Arabia | ScQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | ScQ-04 | D | Serbian language |
| Singapore | ScQ-04 | D | English Gang punched to "25% or less" |
| Slovak Republic | ScQ-04 | D | Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30) |
| Slovenia | ScQ-04 | D | Slovenian |
| South Africa | ScQ-04 | D | Language of test |
| Spain | ScQ-04 | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | ScQ-04 | D | Swedish |
| Turkiye | ScQ-04 | D | Turkish |
| United Arab Emirates | ScQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

| | | | |
|----------------------------------|--------|---|---|
| United States | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your school had English as their native language at the end of the 2020-2021 school year? |
| Uzbekistan | ScQ-04 | D | Russian (if ITLANG = 29) / Uzbek (if ITLANG = 71) / Karakalpak (if ITLANG = 73) |
| Benchmarking Participants | | | |
| Alberta, Canada | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your school have English as their first language (mother tongue)? (if ITLANG = 1) / Approximately what percentage of students in your school have French as their first language (mother tongue)? (if ITLANG = 3) |
| British Columbia, Canada | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your school have English as their first language (mother tongue)? (if ITLANG = 1) / Approximately what percentage of students in your school have French as their first language (mother tongue)? (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your school have English as their first language (mother tongue)? (if ITLANG = 1) / Approximately what percentage of students in your school have French as their first language (mother tongue)? (if ITLANG = 3) |
| Quebec, Canada | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your school have English as their first language (mother tongue)? (if ITLANG = 1) / Approximately what percentage of students in your school have French as their first language (mother tongue)? (if ITLANG = 3) |
| Moscow City, Russian Fed. | ScQ-04 | D | Stem of the question changed: Approximately what percentage of students in your primary school have Russian as their native language? |
| South Africa (6) | ScQ-04 | D | Language of test |
| Abu Dhabi, UAE | ScQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | ScQ-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

ScQ-05A

Question:

How many people live in the city, town, or area where your school is located?

- 1 = More than 500,000 people
- 2 = 100,001 to 500,000 people
- 3 = 50,001 to 100,000 people
- 4 = 30,001 to 50,000 people
- 5 = 15,001 to 30,000 people
- 6 = 3,001 to 15,000 people
- 7 = 3,000 people or fewer

Variable Name(s): ACBG05A

| Country | Item ID | Code | Documentation |
|---------------|---------|------|--|
| Australia | ScQ-05A | D | National categories recoded for international comparability: 1 = More than 500,000 people 2 = 100,001 to 500,000 people 3 = 50,001 to 100,000 people 4 = 30,001 to 50,000 people 5 = 15,001 to 30,000 people 6 = 3,001 to 15,000 people 7 = 1,001 to 3,000 people / Fewer than 1,000 people |
| Hong Kong SAR | ScQ-05A | D | Stem of the question changed: How many people live in the district (18 political districts) where your school is located? |
| Macao | ScQ-05A | D | Stem of the question changed: How many people live in the area (Macao peninsula, Taipa island and Coloane island) where your school is located? |
| Malta | ScQ-05A | D | National categories recoded for international comparability: 1 = Category not administered or data not available 2 = Category not administered or data not available 3 = Category not administered or data not available 4 = Category not administered or data not available 5 = 15,001 to 30,000 people 6 = 3,001 to 15,000 people 7 = 3,000 people or fewer |

| | | | |
|------------------|---------|---|--|
| Northern Ireland | ScQ-05A | D | National categories recoded for international comparability: 1 = Category not administered or data not available 2 = More than 100,000 people 3 = 50,001 to 100,000 people 4 = 30,001 to 50,000 people 5 = 15,001 to 30,000 people 6 = 3,001 to 15,000 people 7 = 3,000 people or fewer |
| Singapore | ScQ-05A | D | Gang punched to "More than 500,000 people" |
| Slovak Republic | ScQ-05A | D | National categories recoded for international comparability: 1 = Category not administered or data not available 2 = More than 100 000 inhabitants 3 = From 50 001 to 100 000 inhabitants 4 = From 30 001 to 50 000 inhabitants 5 = From 15 001 to 30 000 inhabitants 6 = From 3 001 to 15 000 inhabitants 7 = 3 000 inhabitants or fewer |
| Slovenia | ScQ-05A | D | National categories recoded for international comparability: 1 = Category not administered or data not available 2 = 100,001 to 500,000 people 3 = 50,001 to 100,000 people 4 = 30,001 to 50,000 people 5 = 15,001 to 30,000 people 6 = 3,001 to 15,000 people 7 = 3,000 people or fewer |

ScQ-05B

Question:

Which best describes the immediate area in which your school is located?

- 1 = Urban–Densely populated
- 2 = Suburban–On fringe or outskirts of urban area
- 3 = Medium size city or large town
- 4 = Small town or village
- 5 = Remote rural

Variable Name(s): ACBG05B

| Country | Item ID | Code | Documentation |
|----------------|---------|------|---|
| Chinese Taipei | ScQ-05B | D | National categories recoded for international comparability: 1 = Urban–Densely populated 2 = Suburban–On fringe or outskirts of urban area 3 = Medium size city or large town 4 = Small town or village 5 = Remote rural / Off-shore islands |

| | | | |
|-----------------|---------|---|--|
| Hong Kong SAR | ScQ-05B | D | <p>National categories recoded for international comparability:</p> <p>1 = Urban–Densely populated (e.g., Hong Kong Island and Kowloon)</p> <p>2 = Category not administered or data not available</p> <p>3 = New towns (e.g., Tin Shui Wai, Tung Chung or Tseung Kwan O)</p> <p>4 = Village or outlying islands</p> <p>5 = Category not administered or data not available</p> |
| Israel | ScQ-05B | D | <p>Nationally defined categories (if ITLANG = 16):</p> <p>1 = Urban–Densely populated</p> <p>2 = Suburban–On fringe or outskirts of urban area</p> <p>3 = Medium size city or large town</p> <p>4 = Small town or village</p> <p>5 = Remote rural</p> <p>Nationally defined categories (if ITLANG = 53):</p> <p>1 = Urban–Densely populated</p> <p>2 = Suburban–On fringe or outskirts of urban area</p> <p>3 = Medium size city or large town</p> <p>4 = Small village (including regional council)</p> <p>5 = Remote rural</p> |
| Malta | ScQ-05B | D | <p>National category recoded for international comparability:</p> <p>1 = Category not administered or data unavailable</p> <p>2 = Category not administered or data unavailable</p> <p>3 = Medium size city or large town</p> <p>4 = Small town or village</p> <p>5 = Remote rural</p> |
| Singapore | ScQ-05B | D | Gang punched to "Urban–Densely populated" |
| Slovak Republic | ScQ-05B | D | <p>National categories recoded for international comparability:</p> <p>1 = Urban–Densely populated</p> <p>2 = Suburban–On fringe or outskirts of urban area</p> <p>3 = Medium size town</p> <p>4 = Small town / Village</p> <p>5 = Category not administered or data not available</p> |
| South Africa | ScQ-05B | D | <p>National categories recoded for international comparability:</p> <p>1 = Urban–Densely populated</p> <p>2 = Suburban–On fringe or outskirts of urban area / Township near urban area</p> <p>3 = Medium size city or large town</p> <p>4 = Small town or village</p> <p>5 = Remote rural</p> |

Benchmarking Participants

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|------------------|---------|---|--|
| South Africa (6) | ScQ-05B | D | National categories recoded for international comparability: 1 = Urban–Densely populated 2 = Suburban–On fringe or outskirts of urban area / Township near urban area 3 = Medium size city or large town 4 = Small town or village 5 = Remote rural |
|------------------|---------|---|--|

ScQ-06A

Question:

How many days per year is your school open for instruction?

Variable Name(s): ACBG06A

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|--|
| Austria | ScQ-06A | D | Gang punched to "180 days" |
| Belgium (Flemish) | ScQ-06A | D | Gang punched to "183 days" |
| Bulgaria | ScQ-06A | D | Stem of the question changed: How many days per year is your school open for instruction for 4th grade students? |
| Chinese Taipei | ScQ-06A | D | Question instruction added: (e.g., The course outline of MOE is 200 days. Please refer to the actual situation to answer.) |
| New Zealand | ScQ-06A | D | Stem of the question changed: How many days per year is your school open for instruction? (e.g., 384 half days = 192 instructional days) |
| Singapore | ScQ-06A | D | Gang punched to "190 days" |

ScQ-06B

Question:

What is the total instructional time, excluding breaks, in a typical day?

Variable Name(s): ACBG06B

| Country | Item ID | Code | Documentation |
|----------|---------|------|--|
| Bulgaria | ScQ-06B | D | Stem of the question changed: What is the total instructional time, excluding breaks, in a typical day for 4th grade students in your school? |

| | | | |
|-----------------------|---------|---|--|
| Chinese Taipei | ScQ-06B | D | Question instruction added: (e.g., (instructional time on Mon + instructional time on Tue + ...+ instructional time on Fri) divided by 5 days) |
| Denmark | ScQ-06B | D | Question instruction changed: Write in the number of minutes per day. Please convert the number of hours into minutes. Do NOT include homework help and in-depth studies. |
| Iran, Islamic Rep. of | ScQ-06B | D | Stem of the question changed: What is the total instructional time, excluding breaks, time for lunch and prayer, in a typical day? |
| Israel | ScQ-06B | D | Stem of the question changed: In a typical day, how many teaching hours (lessons) are there in your school? / How long is a typical lesson in your school? |
| Poland | ScQ-06B | D | Stem of the question changed: How many teaching hours are assigned weekly to Grade 4 in your school? |

ScQ-06C

Question:

In one calendar week, how many days is the school open for instruction?

- 1 = 6 days
- 2 = 5 1/2 days
- 3 = 5 days
- 4 = 4 1/2 days
- 5 = 4 days
- 6 = Other

Variable Name(s): ACBG06C

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|--|
| Austria | ScQ-06C | D | Gang punched to "5 days" |
| Belgium (Flemish) | ScQ-06C | D | Gang punched to "4 1/2 days" |
| Chinese Taipei | ScQ-06C | D | Stem of the question changed: In one calendar week, how many days is the school open for instruction? (e.g., if there is only a half day on Wednesday, please choose 4 1/2 days.) |
| Czech Republic | ScQ-06C | D | Gang punched to "5 days" |
| Singapore | ScQ-06C | D | Gang punched to "5 days" |

ScQ-07B

Question:

Approximately how many books (print) with different titles does your school library have (exclude magazines and periodicals)?

- 1 = 2000 books or fewer
2 = More than 2000 books

| Variable Name(s): | ACBG07B | | |
|--------------------------|---------|------|---|
| Country | Item ID | Code | Documentation |
| Germany | ScQ-07B | D | National categories recoded for international comparability: 1 = 250 or fewer / 251-500 / 501-1000 / 1001-2000 2 = More than 2000 |
| Netherlands | ScQ-07B | D | National categories recoded for international comparability: 1 = 500 or fewer / 501 to 2000 2 = More than 2000 |
| Slovenia | ScQ-07B | D | National categories recoded for international comparability: 1 = 250 or less / 251-500 / 501-2000 2 = 2001-5000 / More than 5000 |

ScQ-07C

Question:

Can students borrow print or digital materials from the library to take home?

- 1 = Yes
2 = No

| Variable Name(s): | ACBG07C | | |
|----------------------------------|---------|------|---|
| Country | Item ID | Code | Documentation |
| Bulgaria | ScQ-07C | D | Stem of the question changed: Can students borrow print materials from the library to take home? |
| Benchmarking Participants | | | |
| Alberta, Canada | ScQ-07C | D | Stem of the question changed: Can students borrow print or digital materials from the school library to take home? |

| | | | |
|-------------------------------|---------|---|---|
| British Columbia, Canada | ScQ-07C | D | Stem of the question changed: Can students borrow print or digital materials from the school library to take home? |
| Newfoundland & Labrador, Can. | ScQ-07C | D | Stem of the question changed: Can students borrow print or digital materials from the school library to take home? |
| Quebec, Canada | ScQ-07C | D | Stem of the question changed: Can students borrow print or digital materials from the school library to take home? |

ScQ-08

Question:

Does your school provide students access to digital learning resources (e.g., books, videos)?

1 = Yes

2 = No

Variable Name(s): ACBG08

| Country | Item ID | Code | Documentation |
|---------|---------|------|---|
| Germany | ScQ-08 | D | Stem of the question changed: Does your school provide students with access to e-Books? / Does your school provide students with access to videos? / Does your school provide students with access to other digital learning resources? |
| Israel | ScQ-08 | D | Stem of the question changed: Does your school provide students access to digital learning resources (e.g., books, videos, subscription to educational software or websites)? (if ITLANG = 16) / Does your school provide students access to digital learning resources (e.g., books, videos, free membership to educational internet sites or software)? (if ITLANG = 53) |

Benchmarking Participants

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|--------------------------|--------|---|--|
| Alberta, Canada | ScQ-08 | D | Stem of the question changed: Does your school provide students access to digital learning resources (e.g., e-books, videos)? |
| British Columbia, Canada | ScQ-08 | D | Stem of the question changed: Does your school provide students access to digital learning resources (e.g., e-books, videos)? |

| | | | |
|-------------------------------|--------|---|--|
| Newfoundland & Labrador, Can. | ScQ-08 | D | Stem of the question changed: Does your school provide students access to digital learning resources (e.g., e-books, videos)? |
| Quebec, Canada | ScQ-08 | D | Stem of the question changed: Does your school provide students access to digital learning resources (e.g., e-books, videos)? |

ScQ-09

Question:

How many computers (including tablets) does your school have for use by <fourth grade> students?

Variable Name(s): ACBG09

| Country | Item ID | Code | Documentation |
|---------|---------|------|--|
| Croatia | ScQ-09 | D | Stem of the question changed: How many school computers are available to fourth grade students? Include small portable computers (tablets). |
| Georgia | ScQ-09 | D | Stem of the question changed: How many computers (including tablets and netbooks) does your school have for use by fourth graders? |
| Sweden | ScQ-09 | D | Stem of the question changed: How many digital devices (computers or tablets) does your school have for use by fourth grade students? |

ScQ-10AA-AJ

Question:

How much is your school's capacity to provide instruction affected by a shortage or inadequacy of the following?

- A: Instructional materials (e.g., textbooks)
- B: Supplies (e.g., papers, pencils, materials)
- C: School buildings and grounds
- D: Heating/cooling and lighting systems
- E: Instructional space (e.g., classrooms)
- F: Technologically competent staff
- G: Technology and media resources to support teaching
- H: Technology and media resources to support student learning and expression
- I: Resources for students with learning disabilities
- J: Internet connection

- 1 = Not at all
- 2 = A little
- 3 = Some
- 4 = A lot

Variable Name(s): ACBG10AA, ACBG10AB, ACBG10AC, ACBG10AD, ACBG10AE, ACBG10AF, ACBG10AG, ACBG10AH, ACBG10AI, ACBG10AJ

| Country | Item ID | Code | Documentation |
|--------------------|-----------|------|---|
| Belgium (Flemish) | ScQ-10AD | D | Heating and lighting systems |
| Belgium (Flemish) | ScQ-10AG | D | Technology and media resources to support teaching (i.e., interactive smartboards) |
| Kazakhstan | ScQ-10AI | D | Resources for students with special educational needs (if ITLANG = 29) / Resources for students with learning disabilities (if ITLANG = 39) |
| Netherlands | ScQ-10AG | D | Technology and media resources to support teaching (e.g., digiboards) |
| Russian Federation | ScQ-10A-J | D | Stem of the question changed: How much is your primary school's capacity to provide instruction affected by a shortage or inadequacy of the following? |
| Slovak Republic | ScQ-10AG | D | ICT and audiovisual resources to support teaching |
| Slovak Republic | ScQ-10AH | D | ICT and audiovisual resources to support student learning and expression |

Benchmarking Participants

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|---------------------------|-----------|---|---|
| Moscow City, Russian Fed. | ScQ-10A-J | D | Stem of the question changed: How much is your primary school's capacity to provide instruction affected by a shortage or inadequacy of the following? |
|---------------------------|-----------|---|---|

ScQ-11A-L

Question:

How would you characterize each of the following within your school?

- A: Teachers' understanding of the school's curricular goals
- B: Teachers' degree of success in implementing the school's curriculum
- C: Teachers' expectations for student achievement
- D: Teachers' ability to inspire students
- E: Collaboration between school leadership and teachers to plan instruction
- F: Parental involvement in school activities
- G: Parental commitment to ensure that students are ready to learn
- H: Parental expectations for student achievement
- I: Parental support for student achievement
- J: Students' desire to do well in school
- K: Students' ability to reach school's academic goals
- L: Students' respect for classmates who excel academically

- 1 = Very high
- 2 = High
- 3 = Medium
- 4 = Low
- 5 = Very low

Variable Name(s): ACBG11A, ACBG11B, ACBG11C, ACBG11D, ACBG11E, ACBG11F, ACBG11G, ACBG11H, ACBG11I, ACBG11J, ACBG11K, ACBG11L

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|---|
| Belgium (Flemish) | ScQ-11E | D | Collaboration between school leadership (including policy supporters, 'zorgcoördinatoren', etc.) and teachers to plan instruction |
| Bulgaria | ScQ-11A | D | Teachers' understanding for the goals in the school's developing strategy goals |
| Bulgaria | ScQ-11B | D | Teachers' degree of success in implementing the school's developing strategy |
| Bulgaria | ScQ-11G | D | Parental commitment to ensure that students go prepared to school |
| Italy | ScQ-11A | D | Teachers' understanding of the goals of the three-year school plan for the educational supply (PTOF) |

| | | | |
|--------------|---------|---|--|
| Italy | ScQ-11B | D | Teachers' degree of success in implementing the PTOF |
| Netherlands | ScQ-11G | D | Parental commitment to ensure that students are ready to learn (e.g., enough sleep, breakfast) |
| Singapore | ScQ-11E | D | Collaboration between school leadership (including HODs, Subject Heads, Level Heads, Senior Teachers, etc.) and teachers to plan instruction |
| South Africa | ScQ-11E | D | Collaboration between school leadership (including head teachers) and teachers to plan instruction |

Benchmarking Participants

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|------------------|---------|---|--|
| South Africa (6) | ScQ-11E | D | Collaboration between school leadership (including head teachers) and teachers to plan instruction |
|------------------|---------|---|--|

ScQ-12A-J

Question:

To what degree is each of the following a problem among <fourth grade> students in your school?

- A: Arriving late at school
 - B: Absenteeism (i.e., unjustified absences)
 - C: Classroom disturbance
 - D: Cheating
 - E: Profanity
 - F: Vandalism
 - G: Theft
 - H: Intimidation or verbal abuse among students (including texting, emailing, etc.)
 - I: Physical fights among students
 - J: Intimidation or verbal abuse of teachers or staff (including texting, emailing, etc.)
- 1 = Not a problem
2 = Minor problem
3 = Moderate problem
4 = Serious problem

Variable Name(s): ACBG12A, ACBG12B, ACBG12C, ACBG12D, ACBG12E, ACBG12F, ACBG12G, ACBG12H, ACBG12I, ACBG12J

| Country | Item ID | Code | Documentation |
|----------|---------|------|---|
| Bulgaria | ScQ-12H | D | Intimidation or verbal abuse among students (or intimidation or abuse in other way) |
| Bulgaria | ScQ-12J | D | Intimidation or verbal abuse of teachers or staff (or intimidation or abuse in other way) |

| | | | |
|--------------------|-----------|---|---|
| Georgia | ScQ-12D | D | Prompting, copying |
| Germany | ScQ-12D | D | Cheating and deceiving |
| Germany | ScQ-12E | D | Vulgar expression (e.g., cursing) |
| Netherlands | ScQ-12H | D | Intimidation or verbal abuse among students (including WhatsApp, emailing, etc.) |
| Netherlands | ScQ-12J | D | Intimidation or verbal abuse of teachers or staff (including WhatsApp, emailing, etc.) |
| Russian Federation | ScQ-12A-J | D | Stem of the question changed: To what degree is each of the following a problem among grade 4 students in your primary school? |

Benchmarking Participants

| | | | |
|---------------------------|-----------|---|---|
| Moscow City, Russian Fed. | ScQ-12A-J | D | Stem of the question changed: To what degree is each of the following a problem among grade 4 students in your primary school? |
|---------------------------|-----------|---|---|

ScQ-13

Question:

About how many of the students in your school have basic literacy skills (e.g., can write letters of the alphabet, write sentences) when they begin the <first grade> of primary/elementary school?

- 1 = Less than 25%
- 2 = 25–50%
- 3 = 51–75%
- 4 = More than 75%

Variable Name(s): ACBG13

| Country | Item ID | Code | Documentation |
|------------------|---------|------|---|
| Australia | ScQ-13 | D | First year |
| Belgium (French) | ScQ-13 | D | First year of primary education |
| Bulgaria | ScQ-13 | D | Stem of the question changed: Approximately what percentage of the students in your school have basic literacy skills when entering first grade (e.g., can recognize and write some letters of the alphabet, can read and write some words)? |
| England | ScQ-13 | D | Year 1 |

| | | | |
|------------------|--------|---|--|
| Georgia | ScQ-13 | D | Stem of the question changed: About how many of the students in your school have basic literacy skills (e.g., can write letters of the alphabet, write sentences) when they were entering the school? |
| Hong Kong SAR | ScQ-13 | D | Primary 1 |
| Ireland | ScQ-13 | D | First class |
| Macao | ScQ-13 | D | Primary 1 (if ITLANG = 1 or 10) / Grade 1 of primary education (if ITLANG = 45) |
| Malta | ScQ-13 | D | Year 1 |
| New Zealand | ScQ-13 | X | Question not administered or data not available |
| Northern Ireland | ScQ-13 | X | Question not administered or data not available |
| Singapore | ScQ-13 | D | Primary 1 |
| Spain | ScQ-13 | D | Primary education |

ScQ-14A-N

Question:

At which grade do the following reading skills and strategies first receive a major emphasis in instruction in your school?

- A: Knowing letters of the alphabet
- B: Knowing letter-sound relationships
- C: Reading words
- D: Reading isolated sentences
- E: Reading connected text
- F: Locating information within the text
- G: Identifying the main idea of a text
- H: Explaining or supporting understanding of a text
- I: Comparing a text with personal experience
- J: Comparing different texts
- K: Making predictions about what will happen next in a text
- L: Making generalizations and drawing inferences based on a text
- M: Evaluating and critiquing the style or structure of a text
- N: Determining the author's perspective or intention

- 1 = <First grade> or earlier
- 2 = <Second grade>
- 3 = <Third grade>
- 4 = <Fourth grade>
- 5 = Not in these grades

Variable Name(s):

ACBG14A, ACBG14B, ACBG14C, ACBG14D, ACBG14E, ACBG14F, ACBG14G, ACBG14H, ACBG14I, ACBG14J, ACBG14K, ACBG14L, ACBG14M, ACBG14N

| Country | Item ID | Code | Documentation |
|-------------------|-----------|------|--|
| Australia | ScQ-14A-N | D | Nationally defined categories: 1 = Year 1 or earlier 2 = Year 2 3 = Year 3 4 = Year 4 5 = Not in these year levels |
| Belgium (Flemish) | ScQ-14A-N | D | National categories recoded for international comparability: 1 = First grade or earlier 2 = Second grade 3 = Third grade 4 = Fourth grade 5 = Not in these grades / School without grades |

| | | | |
|------------------|-----------|---|--|
| Belgium (French) | ScQ-14A-N | D | Nationally defined categories: 1 = First primary year or earlier 2 = Second primary year 3 = Third primary year 4 = Fourth primary year 5 = Not in these grades |
| England | ScQ-14A-N | D | Nationally defined categories: 1 = Year 1 2 = Year 2 3 = Year 3 4 = Year 4 5 = Not in these years |
| Hong Kong SAR | ScQ-14A-N | D | Nationally defined categories: 1 = Primary 1 or earlier 2 = Primary 2 3 = Primary 3 4 = Primary 4 5 = Not in these grades |
| Ireland | ScQ-14A-N | D | Nationally defined categories: 1 = First class or earlier 2 = Second class 3 = Third class 4 = Fourth class 5 = Not in these classes |
| Italy | ScQ-14A-N | D | Nationally defined categories: 1 = First grade (or pre-primary school) 2 = Second grade 3 = Third grade 4 = Fourth grade 5 = Not in these grades |
| Macao | ScQ-14A-N | D | Nationally defined categories: 1 = Primary 1 or earlier (if ITLANG = 1 or 10) / Grade 1 of primary education (if ITLANG = 45) 2 = Primary 2 (if ITLANG = 1 or 10) / Grade 2 of primary education (if ITLANG = 45) 3 = Primary 3 (if ITLANG = 1 or 10) / Grade 3 of primary education (if ITLANG = 45) 4 = Primary 4 (if ITLANG = 1 or 10) / Grade 4 of primary education (if ITLANG = 45) 5 = Not in these grades |
| Macao | ScQ-14A | D | Knowing letters of the alphabet (if ITLANG = 1 or 45) / Knowing parts (radical or component) of the Chinese character (if ITLANG = 10) |

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|------------------|-----------|---|--|
| Malta | ScQ-14A-N | D | National categories recoded for international comparability: 1 = Year 1 or earlier / Year 2 2 = Year 3 3 = Year 4 4 = Year 5 5 = Not in these years |
| Netherlands | ScQ-14A-N | D | Nationally defined categories: 1 = First grade or earlier 2 = Second grade 3 = Third grade 4 = Fourth grade 5 = No special emphasis in these grades |
| Northern Ireland | ScQ-14A-N | D | Nationally defined categories: 1 = Year 3 or earlier 2 = Year 4 3 = Year 5 4 = Year 6 5 = Not in these years |
| Norway (5) | ScQ-14A-N | D | National categories recoded for international comparability: 1 = First grade or earlier 2 = Second grade 3 = Third grade 4 = Fourth grade 5 = Fifth grade / Not in these grades |
| Singapore | ScQ-14A-N | D | Nationally defined categories: 1 = Primary 1 or earlier 2 = Primary 2 3 = Primary 3 4 = Primary 4 5 = Not in these levels |
| United States | ScQ-14A-N | D | National categories recoded for international comparability: 1 = First grade or earlier 2 = Second grade 3 = Third grade 4 = Fourth grade 5 = Fifth grade / Not in these grades |

ScQ-15

Question:

By the end of this school year, how many years will you have been a principal altogether?

Variable Name(s): ACBG15

| Country | Item ID | Code | Documentation |
|------------------|---------|------|--|
| Croatia | ScQ-15 | D | Stem of the question changed: How many years altogether have you been a principal at the end of the school year 2020-2021 (as of June 18, 2021)? |
| England | ScQ-15 | D | Stem of the question changed: By the end of this school year, how many years will you have been a headteacher altogether? |
| Hungary | ScQ-15 | D | Stem of the question changed: By the end of the 2020-2021 school year, how many years have you been a principal altogether? |
| Ireland | ScQ-15 | D | Stem of the question changed: At the end of the last school year (2020-2021), how many years in total had you been a principal? |
| Kazakhstan | ScQ-15 | D | Stem of the question changed: By the end of 2020-2021 school year, how many years will you have been a principal altogether? |
| Latvia | ScQ-15 | D | Stem of the question changed: How many years have you been a principal altogether? |
| Lithuania | ScQ-15 | D | Stem of the question changed: How many years in total, counting until the end of the 2020-2021 academic year, have you been a principal altogether? |
| Northern Ireland | ScQ-15 | D | Stem of the question changed: By the end of the 2020-21 academic year, how many years had you been a principal altogether? |
| United States | ScQ-15 | D | Stem of the question changed: By the end of the 2020-2021 school year, how many years had you been a principal altogether? |

ScQ-16

Question:

By the end of this school year, how many years will you have been a principal at this school?

Variable Name(s): ACBG16

| Country | Item ID | Code | Documentation |
|------------------|---------|------|---|
| Croatia | ScQ-16 | D | Stem of the question changed: How many years have you been a principal at this school at the end of the school year 2020-2021 (as of June 18, 2021)? |
| England | ScQ-16 | D | Stem of the question changed: By the end of this school year, how many years will you have been a headteacher at this school? |
| Hungary | ScQ-16 | D | Stem of the question changed: By the end of the 2020-2021 school year, how many years have you been a principal at this school? |
| Ireland | ScQ-16 | D | Stem of the question changed: At the end of the last school year (2020-2021), how many years had you been a principal at this school? |
| Kazakhstan | ScQ-16 | D | Stem of the question changed: By the end of 2020-2021 school year, how many years will you have been a principal at this school? |
| Latvia | ScQ-16 | D | Stem of the question changed: How many years have you been a principal at this school? |
| Lithuania | ScQ-16 | D | Stem of the question changed: How many years, counting until the end of the 2020-2021 academic year, have you been a principal at this school? |
| Northern Ireland | ScQ-16 | D | Stem of the question changed: By the end of the 2020-21 academic year, how many years had you been a principal at this school? |
| United States | ScQ-16 | D | Stem of the question changed: By the end of the 2020-2021 school year, how many years had you been a principal at this school? |

ScQ-17

Question:

What is the highest level of formal education you have completed?

- 1 = Did not complete <Bachelor's or equivalent level—ISCED Level 6>
- 2 = <Bachelor's or equivalent level—ISCED Level 6>
- 3 = <Master's or equivalent level—ISCED Level 7>
- 4 = <Doctor or equivalent level—ISCED Level 8>

Variable Name(s): ACBG17

| Country | Item ID | Code | Documentation |
|------------|---------|------|---|
| Albania | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Australia | ScQ-17 | D | National categories recoded for international comparability: 1 = A TAFE or college diploma 2 = An undergraduate or bachelor's degree / A graduate or postgraduate diploma 3 = A master's degree 4 = A Ph.D. or doctorate |
| Austria | ScQ-17 | D | National categories recoded for international comparability: 1 = Pedagogical academy 2 = Teacher's college / Studies at university or college, baccalaureate degree 3 = Studies at university or college, diploma or master degree 4 = Studies at university, doctoral degree |
| Azerbaijan | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Bahrain | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's 2 = Bachelor's 3 = Master's 4 = Ph.D. |

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| Belgium (Flemish) | ScQ-17 | D | <p>Nationally defined categories:</p> <p>1 = Professional or academic bachelor (college education with 1 cycle or candidate or bachelor at university college or university) not accomplished</p> <p>2 = Professional or academic bachelor (college education with 1 cycle or candidate or bachelor at university college or university)</p> <p>3 = Master or licentiate (higher education with 2 cycles or university)</p> <p>4 = Doctorate (Ph.D.)</p> |
| Belgium (French) | ScQ-17 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete tertiary education</p> <p>2 = Short tertiary education / Bachelor (university or non-university education)</p> <p>3 = Master (university or non-university education)</p> <p>4 = Doctorate</p> |
| Brazil | ScQ-17 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete bachelors level (undergraduate)</p> <p>2 = Bachelor level (undergraduate)</p> <p>3 = Master degree</p> <p>4 = Doctorate degree</p> |
| Bulgaria | ScQ-17 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete higher education (professional bachelor) or lower</p> <p>2 = Higher education (bachelor)</p> <p>3 = Higher education (master)</p> <p>4 = Higher education (doctor)</p> |
| Chinese Taipei | ScQ-17 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete university or college</p> <p>2 = Graduated from university or college, bachelor degree</p> <p>3 = Master's or equivalent level</p> <p>4 = Doctor or equivalent level</p> |
| Croatia | ScQ-17 | D | <p>Nationally defined categories:</p> <p>1 = Non-university higher education: two or three years of higher school, one or two years study, or both</p> <p>2 = Undergraduate university or undergraduate professional degree (bachelor)</p> <p>3 = Graduate university (master) or graduate professional degree (expert professional)</p> <p>4 = Postgraduate university education, master of science or doctorate of science</p> |

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| Cyprus | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's (if ITLANG = 1) / Diploma of tertiary education (e.g. Pedagogical Academy Diploma) (if ITLANG = 44) 2 = Bachelor's 3 = Master's 4 = Doctor |
| Czech Republic | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor level 2 = University - bachelor level 3 = University - master level 4 = University - doctoral level (Ph.D.) |
| Denmark | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Egypt | ScQ-17 | D | Nationally defined categories: 1 = Do not hold a university degree (bachelor's or equivalent level) 2 = Bachelor's or equivalent level 3 = Master's 4 = Doctorate degree |
| England | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's degree or equivalent level 2 = Bachelor's degree or equivalent level 3 = Master's degree or equivalent level 4 = Doctorate (PhD) |
| Finland | ScQ-17 | D | Nationally defined categories: 1 = Have not completed lower degree at the university or polytechnic 2 = Lower degree (at the university or polytechnic) 3 = Higher degree (at the university or polytechnic) 4 = Post-graduate degree at the university (licentiate or doctor) |
| France | ScQ-17 | D | Nationally defined categories: 1 = Did not complete license or equivalent 2 = License or equivalent 3 = Long university education (Maitrise, Master, DEA, DESS, ...) 4 = Ph.D. or equivalent |

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| Georgia | ScQ-17 | D | Nationally defined categories: 1 = Without bachelor's or equivalent degree 2 = Bachelor's or equivalent degree 3 = Master's or equivalent degree 4 = Doctor or equivalent degree |
| Germany | ScQ-17 | D | Nationally defined categories: 1 = I have not obtained a bachelor's degree or equivalent (bachelor, degree from a university of cooperative education or diploma (FH) or university of applied sciences) 2 = University degree at bachelor level or equivalent (bachelor, degree from a university of cooperative education or diploma (FH) or university of applied sciences) 3 = University degree at master's level or equivalent (master, masters, diploma, state examination) 4 = Higher university degree (e.g. doctorate) |
| Hong Kong SAR | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate degree |
| Hungary | ScQ-17 | D | Nationally defined categories: 1 = Lower than college or bachelor degree 2 = College or bachelor degree (BA/BSc) 3 = University or master degree (MA/MSc) 4 = Higher than university or master degree (e.g., Ph.D.) |
| Iran, Islamic Rep. of | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Ireland | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a degree 2 = Undergraduate degree (e.g., Bachelor's) 3 = Master's or equivalent 4 = Doctorate or equivalent |
| Israel | ScQ-17 | D | Nationally defined categories: 1 = Did not complete academic bachelor degree 2 = Academic bachelor degree (B.A. or . B.Ed or . B.Sc) 3 = Academic master degree 4 = Academic doctor degree |

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| Italy | ScQ-17 | D | Nationally defined categories: 1 = Qualification lower than first level degree (lower than bachelor's degree) 2 = First level degree (bachelor's three-year degree) 3 = Second level degree (specialist or master's degree) or equivalent title 4 = Ph.D. or equivalent |
| Jordan | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor degree or equivalent 2 = Bachelor degree or equivalent 3 = Master degree or equivalent 4 = Doctor degree or equivalent |
| Kazakhstan | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's level 2 = Bachelor 3 = Masters 4 = Candidate or Doctor of Science |
| Kosovo | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Latvia | ScQ-17 | D | National categories recoded for international comparability: 1 = Did not complete bachelor's level 2 = Bachelor's degree / Second level tertiary education 3 = Previous education equalized to master degree / Master's degree 4 = Doctor's degree |
| Lithuania | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or vocational bachelor studies 2 = Bachelor's or vocational bachelor degree 3 = Master's or equivalent degree 4 = Doctor or equivalent degree |
| Macao | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate degree |

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| Malta | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree or VET degree or equivalent level 2 = Bachelor's degree or a VET degree or equivalent level 3 = Master's or equivalent level 4 = Doctorate or equivalent level |
| Montenegro | ScQ-17 | D | Nationally defined categories: 1 = I did not get a university education 2 = Diploma of first-degree bachelor studies 3 = Master's or magister degree 4 = Ph.D. degree |
| Morocco | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Netherlands | ScQ-17 | D | National categories recoded for international comparability: 1 = Upper secondary education / Associate degree (2-3 years) 2 = Higher vocational education bachelor / University bachelor 3 = Higher vocational education master / University master 4 = University doctorate |
| New Zealand | ScQ-17 | D | Nationally defined categories: 1 = College of education diploma (primary teaching), Trained Teacher's Certificate, or an equivalent non-degree level qualification 2 = Bachelor's or bachelor's honors or equivalent (e.g., a bachelor's degree with a post-graduate diploma) 3 = Master's degree 4 = Ph.D. program |
| North Macedonia | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's 2 = Bachelor's 3 = Master's 4 = Doctor |
| Northern Ireland | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree 3 = Master's degree, or postgraduate certificate or diploma 4 = Doctorate |

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| Norway (5) | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Oman | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |
| Poland | ScQ-17 | D | Nationally defined categories: 1 = Did not complete higher education ending with bachelor or engineer degree 2 = Higher education ending with bachelor or engineer degree 3 = Higher education ending with master or MD degree 4 = Ph.D. |
| Portugal | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's 2 = Bachelor's 3 = Master's 4 = Doctorate |
| Qatar | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's degree or equivalent level 2 = Bachelor's degree or equivalent level 3 = Master's degree or equivalent level 4 = Ph.D. or equivalent level |
| Russian Federation | ScQ-17 | D | Nationally defined categories: 1 = Incomplete higher or secondary professional education 2 = Higher Education: bachelor or equivalent (3 years or more) 3 = Higher Education: master or equivalent (5 years or more), second higher 4 = Candidate or doctor's level |
| Saudi Arabia | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Ph.D. or equivalent level |
| Serbia | ScQ-17 | D | Nationally defined categories: 1 = Did not complete any higher education studies 2 = First-degree bachelor's studies 3 = Master's, specialist or magister studies 4 = Ph.D. in science or arts |

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| Singapore | ScQ-17 | D | Nationally defined categories: 1 = Did not complete university bachelor's degree 2 = University bachelor's degree 3 = Master's degree 4 = Doctoral (e.g., Ph.D.) degree |
| Slovak Republic | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's education 2 = Bachelor's education 3 = University education - 2nd stage (master's degree) 4 = University education - 3rd stage (Ph.D. degree) |
| Slovenia | ScQ-17 | D | Nationally defined categories: 1 = Unfinished high professional or high university education (finished less than first Bologna degree) 2 = High professional or high university education (first Bologna level, also former high professional or specialization after higher education) 3 = New master's degree (second Bologna degree) 4 = Doctoral degree (third Bologna degree, former master's degree) |
| South Africa | ScQ-17 | D | National categories recoded for international comparability: 1 = Did not complete bachelor's (first) degree 2 = Bachelor's (first) degree / Honors degree 3 = Master's degree 4 = Ph.D. degree |
| Spain | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Ph.D. |
| Sweden | ScQ-17 | D | Nationally defined categories: 1 = Did not complete university or university college, equivalent to a bachelor's degree 2 = University or university college, equivalent to a bachelor's degree 3 = Higher university degree, equivalent to a master's degree 4 = Post graduate education (licentiate or Ph.D. degree) |
| Turkiye | ScQ-17 | D | Nationally defined categories: 1 = Did not complete bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level |

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| United Arab Emirates | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree or equivalent 3 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 4 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent |
| United States | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a 4-year college or university degree (i.e., bachelor's degree) 2 = 4-year college or university degree (i.e., bachelor's degree) 3 = Master's degree, postgraduate certificate program (e.g., teaching), or professional degree (e.g., law, medicine, dentistry) 4 = Doctorate (Ph.D. or Ed.D.) |
| Uzbekistan | ScQ-17 | D | Nationally defined categories: 1 = Did not complete higher or bachelor's degree 2 = Higher or bachelor's degree or both 3 = Master's degree 4 = Doctoral or Ph.D. degree or both |
| Benchmarking Participants | | | |
| Alberta, Canada | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate degree |
| British Columbia, Canada | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate degree |
| Newfoundland & Labrador, Can. | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate degree |
| Quebec, Canada | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate degree |

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| Moscow City, Russian Fed. | ScQ-17 | D | Nationally defined categories: 1 = Incomplete higher or secondary professional education 2 = Higher Education: bachelor or equivalent (3 years or more) 3 = Higher Education: master or equivalent (5 years or more), second higher 4 = Candidate or doctor's level |
| South Africa (6) | ScQ-17 | D | National categories recoded for international comparability: 1 = Did not complete bachelor's (first) degree 2 = Bachelor's (first) degree / Honors degree 3 = Master's degree 4 = Ph.D. degree |
| Abu Dhabi, UAE | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree or equivalent 3 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 4 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent |
| Dubai, UAE | ScQ-17 | D | Nationally defined categories: 1 = Did not complete a bachelor's degree 2 = Bachelor's degree or equivalent 3 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 4 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent |

ScQ-18A-C

Question:

Do you hold the following professional qualifications in educational leadership?

A: Certificate or license

B: <Master's or equivalent level—ISCED Level 7>

C: <Doctor or equivalent level—ISCED Level 8>

1 = Yes

2 = No

Variable Name(s): ACBG18A, ACBG18B, ACBG18C

| Country | Item ID | Code | Documentation |
|---------|---------|------|------------------------------|
| Albania | ScQ-18A | D | Certificate or license |
| Albania | ScQ-18B | D | Master's or equivalent level |
| Albania | ScQ-18C | D | Doctor or equivalent level |

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| Australia | ScQ-18A | X | Option not administered or data not available |
| Australia | ScQ-18B | D | A master's degree |
| Australia | ScQ-18C | D | A Ph.D. or doctorate |
| Austria | ScQ-18A-C | D | Stem of the question changed: Do you hold one or more of the following qualifications or credentials in educational leadership? |
| Austria | ScQ-18A | D | National option recoded for international comparability: Certificate (e.g., by the leadership academy of the education ministry) / Course regarding school management at the teachers' college |
| Austria | ScQ-18B | D | Studies with diploma or master degree |
| Austria | ScQ-18C | D | Studies with doctor degree |
| Azerbaijan | ScQ-18A | D | Certificate or license |
| Azerbaijan | ScQ-18B | D | Master's or equivalent level |
| Azerbaijan | ScQ-18C | D | Doctor or equivalent level |
| Bahrain | ScQ-18A | D | Certificate or license |
| Bahrain | ScQ-18B | D | Master's |
| Bahrain | ScQ-18C | D | Ph.D. |
| Belgium (Flemish) | ScQ-18A | D | Certificate or diploma (e.g., training for headmaster or course concerning the management of a school) |
| Belgium (Flemish) | ScQ-18B | D | Master (Educational Theory, Educational Studies or Educational Sciences) |
| Belgium (Flemish) | ScQ-18C | D | Doctorate (Educational Theory, Educational Studies or Educational Sciences) |
| Belgium (French) | ScQ-18A | D | Certificate obtained after special training for school director and after professional development activities specific for school directors |
| Belgium (French) | ScQ-18B | D | Diploma of master's or license (university or non-university) |
| Belgium (French) | ScQ-18C | D | Doctorate |
| Brazil | ScQ-18A | D | Certification |
| Brazil | ScQ-18B | D | Master degree |

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| Brazil | ScQ-18C | D | Doctorate degree |
| Bulgaria | ScQ-18A | D | Certificate or license |
| Bulgaria | ScQ-18B | D | Master degree |
| Bulgaria | ScQ-18C | D | Doctor degree |
| Chinese Taipei | ScQ-18A | D | Certificate or license |
| Chinese Taipei | ScQ-18B | D | Master's or equivalent level |
| Chinese Taipei | ScQ-18C | D | Doctor or equivalent level |
| Croatia | ScQ-18A | D | Certificate or license |
| Croatia | ScQ-18B | D | Graduate university (master) or graduate professional degree (expert professional) |
| Croatia | ScQ-18C | D | Postgraduate university education, Master of Science or Doctorate of Science |
| Cyprus | ScQ-18A | D | Certificate |
| Cyprus | ScQ-18B | D | Master's |
| Cyprus | ScQ-18C | D | Doctor |
| Czech Republic | ScQ-18A | D | Certificate or license |
| Czech Republic | ScQ-18B | D | University master level |
| Czech Republic | ScQ-18C | D | University doctoral level (Ph.D.) |
| Denmark | ScQ-18A | D | National options recoded for international comparability: Headmasters' Union's course for new school leaders / Local leadership education in municipalities / Modules from Diploma in Leadership |
| Denmark | ScQ-18B | D | National options recoded for international comparability: Master's / Candidate's in pedagogy (Master of Art) |
| Denmark | ScQ-18C | D | Doctor or equivalent |
| Egypt | ScQ-18A | D | Certificate or license |
| Egypt | ScQ-18B | D | Master's (or equivalent level) |
| Egypt | ScQ-18C | D | Doctorate (or equivalent level) |
| England | ScQ-18A | D | NPQH (National Professional Qualification for Headship) |

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| England | ScQ-18B | D | Master's degree or equivalent level |
| England | ScQ-18C | D | Doctorate (PhD) |
| Finland | ScQ-18A | D | Degree in educational leadership (25 study points or ECTS or 15 credits at university) or comparable studies |
| Finland | ScQ-18B | D | Higher degree at the university or polytechnic |
| Finland | ScQ-18C | D | Post-graduate degree at the university |
| France | ScQ-18A | D | Certificate or license |
| France | ScQ-18B | D | Master or equivalent |
| France | ScQ-18C | D | Ph.D. or equivalent |
| Georgia | ScQ-18A | D | Principal's certificate |
| Georgia | ScQ-18B | D | Master's degree or equivalent degree |
| Georgia | ScQ-18C | D | Doctor or equivalent degree |
| Germany | ScQ-18A | D | Certificate or license in the field of school management |
| Germany | ScQ-18B | D | University degree at master's level or equivalent (Master, Magister, Diploma, State Examination) in the field of school leadership or school management |
| Germany | ScQ-18C | D | Higher than a university degree (e.g., doctorate) in the field of school leadership or school management |
| Hong Kong SAR | ScQ-18A | D | Certificate or diploma in education |
| Hong Kong SAR | ScQ-18B | D | Master's degree |
| Hong Kong SAR | ScQ-18C | D | Doctorate degree |
| Hungary | ScQ-18A | D | Public education leader and pedagogical professional examination |
| Hungary | ScQ-18B | X | Option not administered or data not available |
| Hungary | ScQ-18C | X | Option not administered or data not available |
| Iran, Islamic Rep. of | ScQ-18A-C | D | Stem of the question changed: Do you hold a degree demonstrating the following qualifications in educational management? |
| Iran, Islamic Rep. of | ScQ-18A | D | Certificate or license |

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| Iran, Islamic Rep. of | ScQ-18B | D | Master's or equivalent level |
| Iran, Islamic Rep. of | ScQ-18C | D | Doctor or equivalent level |
| Ireland | ScQ-18A | D | Postgraduate diploma or equivalent |
| Ireland | ScQ-18B | D | Master's or equivalent |
| Ireland | ScQ-18C | D | Doctorate or equivalent |
| Israel | ScQ-18A | D | Certificate or license |
| Israel | ScQ-18B | D | Master degree |
| Israel | ScQ-18C | D | Doctor degree |
| Italy | ScQ-18A-C | D | Stem of the question changed: Do you hold a doctor or equivalent post-master's qualification for school principals? |
| Italy | ScQ-18A | X | Option not administered or data not available |
| Italy | ScQ-18B | X | Option not administered or data not available |
| Italy | ScQ-18C | D | Doctor or equivalent post-master's qualification for school principals |
| Jordan | ScQ-18A | D | Certificate or license |
| Jordan | ScQ-18B | D | Master degree or equivalent |
| Jordan | ScQ-18C | D | Doctor degree or equivalent |
| Kazakhstan | ScQ-18A | D | Certificate or license |
| Kazakhstan | ScQ-18B | D | Masters |
| Kazakhstan | ScQ-18C | D | Candidate or Doctor of Science |
| Kosovo | ScQ-18A | D | Certificate or license |
| Kosovo | ScQ-18B | D | Master's or equivalent level |
| Kosovo | ScQ-18C | D | Doctorate or equivalent level |
| Latvia | ScQ-18A | D | Certificate or license |
| Latvia | ScQ-18B | D | Master's diploma or equivalent |
| Latvia | ScQ-18C | D | Doctor's diploma |

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| Lithuania | ScQ-18A | D | Certificate or license |
| Lithuania | ScQ-18B | D | Master's or equivalent degree confirming this qualification |
| Lithuania | ScQ-18C | D | Doctor or equivalent degree confirming this qualification |
| Macao | ScQ-18A | D | Certificate or license, such as Leadership Training Program for School Principals |
| Macao | ScQ-18B | D | Master of Education |
| Macao | ScQ-18C | D | Doctor of Education |
| Malta | ScQ-18A | D | Diploma or equivalent level |
| Malta | ScQ-18B | D | Master's or equivalent level |
| Malta | ScQ-18C | D | Doctorate or equivalent level |
| Montenegro | ScQ-18A | D | Certificate or license |
| Montenegro | ScQ-18B | D | Master's degree |
| Montenegro | ScQ-18C | D | Doctor of Science degree |
| Morocco | ScQ-18A | D | Certificate or license |
| Morocco | ScQ-18B | D | Master's or equivalent level |
| Morocco | ScQ-18C | D | Doctorate or equivalent level |
| Netherlands | ScQ-18A-C | X | Question not administered or data not available |
| New Zealand | ScQ-18A | D | Certificate, graduate, or post-graduate advanced diploma |
| New Zealand | ScQ-18B | D | Master's degree |
| New Zealand | ScQ-18C | D | Ph.D. |
| North Macedonia | ScQ-18A | D | Certificate or license |
| North Macedonia | ScQ-18B | D | Master's |
| North Macedonia | ScQ-18C | D | Doctor |
| Northern Ireland | ScQ-18A | D | PQH(NI) |
| Northern Ireland | ScQ-18B | D | Master's degree, or postgraduate certificate or diploma |
| Northern Ireland | ScQ-18C | D | Doctorate |

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| Norway (5) | ScQ-18A | D | Certificate or license |
| Norway (5) | ScQ-18B | D | Master's or equivalent level |
| Norway (5) | ScQ-18C | D | Doctor or equivalent level |
| Oman | ScQ-18A | D | Certificate or license |
| Oman | ScQ-18B | D | Master's or equivalent level |
| Oman | ScQ-18C | D | Doctor or equivalent level |
| Poland | ScQ-18A | D | Short postgraduate course in educational management |
| Poland | ScQ-18B | D | Master degree in educational management |
| Poland | ScQ-18C | D | Ph.D. in educational management |
| Portugal | ScQ-18A | X | Option not administered or data not available |
| Portugal | ScQ-18B | D | Master's |
| Portugal | ScQ-18C | D | Doctorate |
| Qatar | ScQ-18A | D | Certificate or license |
| Qatar | ScQ-18B | D | Master's or equivalent |
| Qatar | ScQ-18C | D | Ph.D. or equivalent (if ITLANG = 1) / Doctor or equivalent (if ITLANG = 53) |
| Russian Federation | ScQ-18A | D | Certificates or licenses |
| Russian Federation | ScQ-18B | D | Master's or specialist's diploma |
| Russian Federation | ScQ-18C | D | Candidate's or doctor's diploma |
| Saudi Arabia | ScQ-18A | D | Certificate or license |
| Saudi Arabia | ScQ-18B | D | Master's or equivalent level |
| Saudi Arabia | ScQ-18C | D | Ph.D. or equivalent level |
| Serbia | ScQ-18A | D | License |
| Serbia | ScQ-18B | D | Master's, specialist, or magister degree |
| Serbia | ScQ-18C | D | Ph.D. degree |
| Singapore | ScQ-18A | D | Certificate (e.g., MLS, LEP) or license |

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| Singapore | ScQ-18B | D | Master's degree |
| Singapore | ScQ-18C | D | Doctoral (e.g., Ph.D.) degree |
| Slovak Republic | ScQ-18A | D | Additional or functional education (certificate) |
| Slovak Republic | ScQ-18B | D | Master's level of education (Mgr., Ing., etc.) |
| Slovak Republic | ScQ-18C | D | Doctor's level of education (Ph.D.) |
| Slovenia | ScQ-18A | D | Certificate or license |
| Slovenia | ScQ-18B | D | Master's degree (2. bologna level) or specialization |
| Slovenia | ScQ-18C | D | Doctoral degree or master's degree (former) |
| South Africa | ScQ-18A | D | Certificate or diploma |
| South Africa | ScQ-18B | D | Master's degree |
| South Africa | ScQ-18C | D | Ph.D. degree |
| Spain | ScQ-18A | D | Certificate or license |
| Spain | ScQ-18B | D | Master or equivalent |
| Spain | ScQ-18C | D | Doctor or equivalent |
| Sweden | ScQ-18A | D | Certificate or license |
| Sweden | ScQ-18B | D | Higher university degree, equivalent to a master's degree |
| Sweden | ScQ-18C | D | Postgraduate studies (licentiate or Ph.D. degree) |
| Turkiye | ScQ-18A | D | Certificate or course completion document |
| Turkiye | ScQ-18B | D | Master's |
| Turkiye | ScQ-18C | D | Doctor |
| United Arab Emirates | ScQ-18A | D | Certificate or license |
| United Arab Emirates | ScQ-18B | D | Master's degree or equivalent |
| United Arab Emirates | ScQ-18C | D | Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent (if ITLANG = 1) / Doctoral degree or equivalent (if ITLANG = 53) |
| United States | ScQ-18A | D | A certificate or license |

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| United States | ScQ-18B | D | A master's degree, postgraduate certificate program (e.g., teaching), or professional degree (e.g., law, medicine, dentistry) |
| United States | ScQ-18C | D | A doctorate (Ph.D. or Ed.D.) |
| Uzbekistan | ScQ-18A | D | Certificate of training or retraining |
| Uzbekistan | ScQ-18B | D | Master's degree |
| Uzbekistan | ScQ-18C | D | Doctoral or Ph.D. degree or both |

Benchmarking Participants

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| Alberta, Canada | ScQ-18A | D | Certificate or license |
| Alberta, Canada | ScQ-18B | D | Master's degree |
| Alberta, Canada | ScQ-18C | D | Doctorate degree |
| British Columbia, Canada | ScQ-18A | D | Certificate or license |
| British Columbia, Canada | ScQ-18B | D | Master's degree |
| British Columbia, Canada | ScQ-18C | D | Doctorate degree |
| Newfoundland & Labrador, Can. | ScQ-18A | D | Certificate or license |
| Newfoundland & Labrador, Can. | ScQ-18B | D | Master's degree |
| Newfoundland & Labrador, Can. | ScQ-18C | D | Doctorate degree |
| Quebec, Canada | ScQ-18A | D | Certificate or license |
| Quebec, Canada | ScQ-18B | D | Master's degree |
| Quebec, Canada | ScQ-18C | D | Doctorate degree |
| Moscow City, Russian Fed. | ScQ-18A | D | Certificates or licenses |
| Moscow City, Russian Fed. | ScQ-18B | D | Master's or specialist's diploma |
| Moscow City, Russian Fed. | ScQ-18C | D | Candidate's or doctor's diploma |
| South Africa (6) | ScQ-18A | D | Certificate or diploma |
| South Africa (6) | ScQ-18B | D | Master's degree |
| South Africa (6) | ScQ-18C | D | Ph.D. degree |
| Abu Dhabi, UAE | ScQ-18A | D | Certificate or license |

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| Abu Dhabi, UAE | ScQ-18B | D | Master's degree or equivalent |
| Abu Dhabi, UAE | ScQ-18C | D | Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent (if ITLANG = 1) / Doctoral degree or equivalent (if ITLANG = 53) |
| Dubai, UAE | ScQ-18A | D | Certificate or license |
| Dubai, UAE | ScQ-18B | D | Master's degree or equivalent |
| Dubai, UAE | ScQ-18C | D | Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent (if ITLANG = 1) / Doctoral degree or equivalent (if ITLANG = 53) |

ScQ-19

Question:

Please estimate the number of weeks during the current academic year where normal primary school operations have been affected by the COVID-19 pandemic.

- 1 = Normal primary school operations have not been affected by the COVID-19 pandemic
- 2 = Less than two weeks of instruction
- 3 = Two weeks to four weeks of instruction
- 4 = Five weeks to eight weeks of instruction
- 5 = More than eight weeks of instruction

| Variable Name(s): | ACBG19 | | |
|--------------------------|---------|------|--|
| Country | Item ID | Code | Documentation |
| Bulgaria | ScQ-19 | D | Stem of the question changed: For how many weeks during the current academic year has the primary school instruction process been affected by the COVID-19 pandemic? |
| Croatia | ScQ-19 | D | Stem of the question changed: Please estimate the number of weeks during the school year 2020-2021 where normal primary school operations were affected by the COVID-19 pandemic. |
| Czech Republic | ScQ-19 | D | Gang punched to "More than eight weeks of instruction" |

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| England | ScQ-19 | D | <p>Stem of the question changed: Please estimate the number of teaching weeks during the current academic year (2020-21) where your school has had to close, partially close (e.g., for certain year groups or classes), or amend the teaching hours to a rota system resulting in less face to face teaching time, because of the COVID-19 pandemic.</p> <p>National options recoded for international comparability: Full closure / Partial Closure / Rota System</p> <p>National categories recoded for international comparability: 1 = Normal school hours have not been affected 2 = Less than 1 week / 1 to 2 weeks 3 = 3 to 4 weeks 4 = 5 to 8 weeks 5 = More than 8 weeks</p> |
| Finland | ScQ-19 | D | <p>Stem of the question changed: Estimate the number of weeks during current academic year when COVID-19 pandemic has affected normal operations of your school (grades 1-6).</p> |
| Georgia | ScQ-19 | D | <p>Stem of the question changed: Please estimate the number of weeks during the current academic year where COVID-19 pandemic hindered the normal learning process in primary grades.</p> |
| Hungary | ScQ-19 | D | <p>Stem of the question changed: Please estimate the number of weeks during the school year 2020-2021 where normal primary school operations have been affected by the COVID-19 pandemic.</p> |
| Ireland | ScQ-19 | D | <p>Stem of the question changed: Please estimate the number of weeks during the 2020-2021 academic year for which normal primary school operations were affected by the COVID-19 pandemic (i.e., the pupils in at least one pod or class were required to stay at home).</p> |
| Kazakhstan | ScQ-19 | D | <p>Stem of the question changed: Please estimate the number of weeks in the 2020-2021 academic year when normal primary school operations were affected by COVID-19.</p> |
| Lithuania | ScQ-19 | D | <p>Stem of the question changed: Please estimate the number of weeks during the 2020-2021 academic year where normal primary school operations have been affected by the COVID-19 pandemic.</p> |
| New Zealand | ScQ-19 | D | <p>Gang punched to "More than eight weeks of instruction"</p> |

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| Northern Ireland | ScQ-19 | D | Stem of the question changed: Please estimate the number of weeks during the 2020-21 academic year when normal primary school operations were affected by the COVID-19 pandemic. |
| Saudi Arabia | ScQ-19 | D | Stem of the question changed: Please estimate the number of weeks during the previous academic year (2020-2021) where normal primary school operations have been affected by the COVID-19 pandemic. |
| Singapore | ScQ-19 | X | Question not administered or data not available |
| Slovak Republic | ScQ-19 | D | Stem of the question changed: Please estimate the number of weeks during the current academic year where the first stage of primary school operations have been affected by the COVID-19 pandemic. |
| Slovenia | ScQ-19 | D | Stem of question changed: Estimate the number of weeks in the school year 2020-21 where usual school work for first four grades was affected by epidemic of COVID-19. |
| United States | ScQ-19 | D | Stem of the question changed: Please estimate the number of weeks during the 2020-2021 school year where normal primary or elementary school operations had been affected by the COVID-19 pandemic. |

ScQ-20

Question:

Does your school provide remote instruction or distance learning resources for primary grades when normal school operations are affected by the COVID-19 pandemic?

- 1 = Yes
2 = No
3 = Does not apply

| Variable Name(s): | ACBG20 | | |
|--------------------------|---------|------|--|
| Country | Item ID | Code | Documentation |
| Croatia | ScQ-20 | D | Stem of the question changed: Did your school provide remote instruction or distance learning resources for primary grades when normal school operations were affected by the COVID-19 pandemic in the school year 2020-2021? |
| Czech Republic | ScQ-20 | D | Gang punched to "Yes" |

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| England | ScQ-20 | D | Stem of the question changed: Does your school provide remote teaching or distance learning resources for primary years when the school is closed or partially closed because of the COVID-19 pandemic? |
| Finland | ScQ-20 | D | Stem of the question changed: Does your school provide remote instruction or distance learning for at least some grades 1-6 students, if normal operations are affected by the COVID-19 pandemic? |
| Georgia | ScQ-20 | D | Stem of the question changed: When the normal learning process is hindered by the COVID-19 pandemic, does your school offer distance learning or resources needed for distance learning to primary grade students? |
| Germany | ScQ-20 | D | Stem of the question changed: Does your school provide remote instruction or distance learning resources for primary grades when normal school operations are affected? |
| Israel | ScQ-20 | D | Stem of the question changed: During the current school year: Does your school provide remote instruction or distance learning resources for primary grades when the school's regular activities are affected by the COVID-19 pandemic? (if ITLANG = 16) / During the current academic year: Does your school provide remote instruction or distance learning resources for primary grades when normal school operations are affected by the COVID-19 pandemic? (if ITLANG = 53) |
| New Zealand | ScQ-20 | D | Stem of the question changed: During the COVID-19 pandemic, has your school been providing remote instruction or distance learning resources? National categories recoded for international comparability: 1 = Yes 2 = No 3 = Category not administered or data not available |
| Saudi Arabia | ScQ-20 | D | Stem of the question changed: Did your school provide remote instruction or distance learning resources for primary grades when normal school operations were affected by the COVID-19 pandemic last year (2020-2021)? |
| Singapore | ScQ-20 | X | Question not administered or data not available |

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| Slovak Republic | ScQ-20 | D | Stem of the question changed: Does your school provide remote instruction or distance learning resources for the first stage of primary school when normal school operations are affected? |
| Slovenia | ScQ-20 | D | Stem of question changed: Did your school provided remote instruction or distance learning resources to the first four grades, when epidemic of COVID 19 was affecting the usual school work? |

ScQ-21A-F

Question:

When normal primary school operations are affected by the COVID-19 pandemic, does your school support remote learning through the following?

- A: Delivery of printed learning materials to students
- B: Internet-based resources for students
- C: Access to digital devices for students
- D: Recommendations for teachers about how to provide online instruction
- E: Technical support for teachers
- F: Access to digital devices for teachers

1 = Yes
2 = No

Variable Name(s): ACBG21A, ACBG21B, ACBG21C, ACBG21D, ACBG21E, ACBG21F

| Country | Item ID | Code | Documentation |
|---------|-----------|------|--|
| Croatia | ScQ-21A-F | D | Stem of the question changed: When normal primary school operations were affected by the COVID-19 pandemic in the school year 2020-2021, did your school support remote learning through the following? |
| Denmark | ScQ-21C | D | Access to digital devices for students (e.g., computers, tablets) |
| Denmark | ScQ-21F | D | Access to digital devices for teachers (e.g., computers, tablets) |
| England | ScQ-21A-F | D | Stem of the question changed: When the school closes or partially closes because of the COVID-19 pandemic, does your school support remote learning through the following? |
| Georgia | ScQ-21A-F | D | Stem of the question changed: When the normal learning process is hindered because of COVID-19 pandemic, does your school support distance learning through any of the following means? |

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| Israel | ScQ-21A-F | D | Stem of the question changed: During the current school year: When regular primary school activities are affected by the COVID-19 pandemic, does your school support remote learning through the following? (if ITLANG = 16) / During the current academic year: When normal primary school operations are affected by the COVID-19 pandemic, does your school support remote learning through the following? (if ITLANG = 53) |
| New Zealand | ScQ-21A-F | D | Stem of the question changed: During the COVID-19 pandemic, has your school supported remote instruction or distance learning through any of the following? |
| Northern Ireland | ScQ-21A-F | D | Stem of the question changed: Did your school provide remote teaching or distance learning resources for primary year groups when normal school operations were affected by the COVID-19 pandemic? |
| Saudi Arabia | ScQ-21A-F | D | Stem of the question changed: When normal primary school operations were affected by the COVID-19 pandemic last year (2020-2021), did your school support remote learning through the following? |
| Singapore | ScQ-21A-F | X | Question not administered or data not available |
| Slovak Republic | ScQ-21C | D | Access to ICT devices for students |
| Slovak Republic | ScQ-21F | D | Access to ICT devices for teachers |

School Tracking Variables

Variable Labels

Language of School Questionnaire
Locale ID of School Questionnaire

Variable Name(s): ITLANG_CQ, LCID_CQ

| Country | Item ID | Code | Documentation |
|-------------|-----------|------|---|
| New Zealand | ITLANG_CQ | X | Question not administered or data not available |
| New Zealand | LCID_CQ | X | Question not administered or data not available |

SECTION 4

National Adaptations of the Teacher Questionnaire

TQG-01

Question:

By the end of this school year, how many years will you have been teaching altogether?

Variable Name(s): ATBG01

| Country | Item ID | Code | Documentation |
|------------------|---------|------|---|
| Croatia | TQG-01 | D | Stem of the question changed: How many years will you have been teaching altogether at the end of the school year 2020-2021 (as of June 18, 2021)? |
| Germany | TQG-01 | D | Stem of the question changed: How many years (including the current school year) have you been a teacher? |
| Kazakhstan | TQG-01 | D | Stem of the question changed: What is your full teaching experience at the end of the 2020-2021 academic year? |
| Latvia | TQG-01 | D | Stem of the question changed: How many years have you been a teacher altogether? |
| Lithuania | TQG-01 | D | Stem of the question changed: At the end of the previous school year (2020-2021), how many years will you have been teaching altogether? |
| Northern Ireland | TQG-01 | D | Stem of the question changed: By the end of the 2020-21 school year, how many years had you been teaching altogether? |

TQG-02

Question:

Which of these describes you?

- 1 = Female
- 2 = Male
- 3 = <Other>

Variable Name(s): ATBG02

| Country | Item ID | Code | Documentation |
|------------------|---------|------|--|
| Austria | TQG-02 | D | <p>Stem of the question changed: Which of the following applies to you?</p> <p>Nationally defined categories: 1 = Female 2 = Male 3 = Diverse or undecided</p> |
| Azerbaijan | TQG-02 | D | <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = Categories not administered or data not available</p> |
| Bahrain | TQG-02 | D | <p>Stem of the question changed: Are you female or male?</p> <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available</p> |
| Belgium (French) | TQG-02 | D | <p>Nationally defined categories: 1 = Female 2 = Male 3 = Don't wish to define oneself</p> |
| Bulgaria | TQG-02 | D | <p>Stem of the question changed: What is your gender?</p> <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available</p> |

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| Croatia | TQG-02 | D | Stem of the question changed: Please indicate your sex. National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Cyprus | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Czech Republic | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Denmark | TQG-02 | D | Stem of the question changed: Please state your sex. |
| Egypt | TQG-02 | D | Nationally categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| France | TQG-02 | D | Stem of the question changed: Are you female or male? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Georgia | TQG-02 | D | Stem of the question changed: Your gender: National categories recoded for international comparability: 1 = Female 2 = Male 3 = Categories not administered or data not available |
| Germany | TQG-02 | D | Stem of the question changed: Which gender do you assign yourself to? Nationally defined categories 1 = Female 2 = Male 3 = Diverse |

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| Iran, Islamic Rep. of | TQG-02 | D | Stem of the question changed: What is your gender? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Italy | TQG-02 | D | Nationally defined categories: 1 = Female 2 = Male 3 = Non-binary gender |
| Jordan | TQG-02 | D | Stem of the question changed: Are you female or male? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Latvia | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Lithuania | TQG-02 | D | Stem of the question changed: What is your gender? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Montenegro | TQG-02 | D | Stem of the question changed: What is your gender? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Morocco | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| New Zealand | TQG-02 | D | Nationally defined categories: 1 = Female 2 = Male 3 = I prefer to describe myself another way |

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| Northern Ireland | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = I identify myself in another way / I prefer not to say |
| Oman | TQG-02 | D | Stem of the question changed: Are you female or male? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Poland | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Portugal | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Qatar | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Russian Federation | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Saudi Arabia | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Serbia | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or date not available |
| Singapore | TQG-02 | D | Stem of the question changed: Are you female or male? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |

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| Slovak Republic | TQG-02 | D | Stem of the question changed: Are you female or male? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Sweden | TQG-02 | D | Stem of the question changed: Which of these is right for you? |
| Turkiye | TQG-02 | D | Stem of the question changed: What is your gender? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data unavailable |
| United Arab Emirates | TQG-02 | D | Stem of the question changed: Are you female or male? National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Uzbekistan | TQG-02 | D | National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available |
| Benchmarking Participants | | | |
| Alberta, Canada | TQG-02 | D | Stem of the question changed: How do you identify yourself? National categories recoded for international comparability: 1 = Female 2 = Male 3 = I identify myself in another way / I prefer not to say |
| British Columbia, Canada | TQG-02 | D | Stem of the question changed: How do you identify yourself? National categories recoded for international comparability: 1 = Female 2 = Male 3 = I identify myself in another way / I prefer not to say |

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| Newfoundland & Labrador, Can. | TQG-02 | D | <p>Stem of the question changed: How do you identify yourself?</p> <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = I identify myself in another way / I prefer not to say</p> |
| Quebec, Canada | TQG-02 | D | <p>Stem of the question changed: How do you identify yourself?</p> <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = I identify myself in another way / I prefer not to say</p> |
| Moscow City, Russian Fed. | TQG-02 | D | <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available</p> |
| Abu Dhabi, UAE | TQG-02 | D | <p>Stem of the question changed: Are you female or male?</p> <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available</p> |
| Dubai, UAE | TQG-02 | D | <p>Stem of the question changed: Are you female or male?</p> <p>National categories recoded for international comparability: 1 = Female 2 = Male 3 = Category not administered or data not available</p> |

TQG-04

Question:

What is the highest level of formal education you have completed?

- 1 = Did not complete <Upper secondary education—ISCED Level 3>
- 2 = <Upper secondary education—ISCED Level 3>
- 3 = <Post-secondary, non-tertiary education—ISCED Level 4>
- 4 = <Short-cycle tertiary education—ISCED Level 5>
- 5 = <Bachelor's or equivalent level—ISCED Level 6>
- 6 = <Master's or equivalent level—ISCED Level 7>
- 7 = <Doctor or equivalent level—ISCED Level 8>

Variable Name(s): ATBG04

| Country | Item ID | Code | Documentation |
|-----------|---------|------|--|
| Albania | TQG-04 | D | Nationally defined categories: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Short-cycle tertiary education 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level |
| Australia | TQG-04 | D | National categories recoded for international comparability: 1 = Category not administered or data not available 2 = Category not administered or data not available 3 = Category not administered or data not available 4 = A TAFE or college diploma 5 = An undergraduate or bachelor's degree / A graduate or postgraduate diploma 6 = A master's degree 7 = A Ph.D. or doctorate |
| Austria | TQG-04 | D | National categories recoded for international comparability: 1 = Category not administered or data unavailable 2 = Category not administered or data unavailable 3 = Category not administered or data unavailable 4 = Pedagogical academy 5 = Teacher's college / Studies at university or (pedagogical) college, baccalaureate degree 6 = Studies at university or (pedagogical) college, diploma or master degree 7 = Studies at university, doctoral degree |

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| Azerbaijan | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete secondary general education</p> <p>2 = Secondary general education</p> <p>3 = Initial vocational education</p> <p>4 = Secondary vocational education</p> <p>5 = Bachelor or equivalent level</p> <p>6 = Master or equivalent level</p> <p>7 = Doctor or equivalent level</p> |
| Bahrain | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete secondary education</p> <p>2 = Secondary education</p> <p>3 = Diploma</p> <p>4 = Category not administered or data not available</p> <p>5 = Bachelor's</p> <p>6 = Master's</p> <p>7 = Ph.D.</p> |
| Belgium (Flemish) | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Six years of secondary education (ASO, TSO, KSO or BSO)</p> <p>3 = Specialization year or seventh year secondary education (1 additional year of education after finishing 6 years of secondary education)</p> <p>4 = Higher vocational education or a 2-year graduate after secondary education</p> <p>5 = Professional or academic bachelor (higher education with 1 cycle or candidate or bachelor within school for higher education or university)</p> <p>6 = Master or licentiate (higher education with 2 cycles or university)</p> <p>7 = Doctor (Ph.D.) at university</p> |
| Belgium (French) | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not finish upper secondary education</p> <p>2 = Diploma of upper secondary education</p> <p>3 = 7th year preparing to vocational life or to tertiary study cycle (or to entrepreneurial training)</p> <p>4 = Category not administered or data not available</p> <p>5 = Short tertiary education / Bachelor (university or non-university education)</p> <p>6 = Master (university or non-university education)</p> <p>7 = Doctorate</p> |

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| Brazil | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not finish the high school</p> <p>2 = High school or technical high school</p> <p>3 = Category not administered or data not available</p> <p>4 = Category not administered or data not available</p> <p>5 = Higher education (undergraduate degree)</p> <p>6 = Master degree</p> <p>7 = Doctorate degree</p> |
| Bulgaria | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Vocational education after upper secondary education</p> <p>4 = Higher education (professional bachelor)</p> <p>5 = Higher education (bachelor)</p> <p>6 = Higher education (master)</p> <p>7 = Higher education (doc)</p> |
| Chinese Taipei | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete senior high school or vocational high school</p> <p>2 = Senior high school or vocational high school education</p> <p>3 = Five-year or two-year junior college</p> <p>4 = Category not administered or data not available</p> <p>5 = Two-year or four-year undergraduate program of university or college of science and technology / Graduated from university or college, bachelor degree</p> <p>6 = Master's or equivalent level 7</p> <p>7 = Doctor or equivalent level</p> |
| Croatia | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Elementary school</p> <p>2 = High school</p> <p>3 = Non-university professional education after high school: re-qualification</p> <p>4 = Non-university higher education: two or three years of higher school or one or two years study or both</p> <p>5 = Undergraduate university or undergraduate professional degree (bachelor)</p> <p>6 = Graduate university (master) or graduate professional degree (expert professional)</p> <p>7 = Postgraduate university education, master of science or doctorate of science</p> |

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| Cyprus | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Category not administered or data not available</p> <p>2 = Category not administered or data not available</p> <p>3 = Category not administered or data not available</p> <p>4 = Short-cycle tertiary education</p> <p>5 = Bachelor's</p> <p>6 = Master's</p> <p>7 = Doctor</p> |
| Czech Republic | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Extension study</p> <p>4 = Higher professional school or conservatory</p> <p>5 = University - bachelor degree</p> <p>6 = University - master degree</p> <p>7 = University - doctor degree or equivalent</p> |
| Denmark | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete high school (stx, hf, hbx or htx)</p> <p>2 = High School (stx, hf, hbx or htx)</p> <p>3 = Short admission course of less than two years duration (e.g., upper secondary courses, workshop course etc.)</p> <p>4 = Short or medium further education of at least two years duration</p> <p>5 = An education at the bachelor level of at least 3 years duration</p> <p>6 = Higher education of five years or more</p> <p>7 = Ph.D. or equivalent</p> |
| Egypt | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Post-secondary, non-tertiary education</p> <p>4 = Intermediate institutes</p> <p>5 = Bachelor's degree or equivalent level</p> <p>6 = Master's degree or equivalent level</p> <p>7 = Doctorate degree or equivalent level</p> |
| England | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete A level or equivalent</p> <p>2 = A level or equivalent level 3 qualification</p> <p>3 = Category not administered or data not available</p> <p>4 = Post-secondary, non-tertiary education (e.g. HND)</p> <p>5 = Bachelor's degree or equivalent level</p> <p>6 = PGCE / Master's degree or equivalent level</p> <p>7 = Doctorate (PhD)</p> |

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| Finland | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = No upper secondary degree, academic or vocational</p> <p>2 = Upper secondary degree, academic or vocational</p> <p>3 = Special vocational degree</p> <p>4 = Higher vocational degree</p> <p>5 = Lower degree (at the polytechnic or university)</p> <p>6 = Higher degree (at the polytechnic or university)</p> <p>7 = Post-graduate degree at the university (licentiate or doctor)</p> |
| France | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete the second cycle of secondary professional degree (BEP, BP, Bac Pro), technological (Bac techno) or general (general Bac)</p> <p>2 = Second cycle of secondary professional degree (BEP, BP, Bac Pro), technological (Bac techno) or general (general Bac)</p> <p>3 = Pre-university education (e.g., capacity in law)</p> <p>4 = Short higher education (DUT, BTS, CPGEs, postgraduate, L2, ...)</p> <p>5 = License or equivalent</p> <p>6 = Long university education (master, DEA, DESS, ...)</p> <p>7 = Ph.D. or equivalent</p> |
| Georgia | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary school</p> <p>2 = Full upper secondary education</p> <p>3 = Upper-secondary professional education (e.g., college, vocational school)</p> <p>4 = Higher professional education</p> <p>5 = Bachelor's or equivalent degree</p> <p>6 = Master's degree or equivalent</p> <p>7 = Doctor's degree or equivalent</p> |

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| Germany | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = No school leaving certificate / Secondary school leaving certificate (or elementary school leaving certificate or diploma) / Secondary school leaving certificate (or middle school leaving certificate or intermediate maturity or POS according to class 10)</p> <p>2 = Technical college entrance qualification or Abitur (university entrance qualification) / Apprenticeship or vocational internship or preparatory year</p> <p>3 = Completion of an apprenticeship (vocational school, apprenticeship) or vocational qualification at a vocational school or preparatory service for the middle service in public administration or college school or completion of a one-year school of health care</p> <p>4 = Master craftsman-technician or equivalent technical college degree, completion of a 2- or 3-year school of health care, completion of a technical college or a university of cooperative education or completion of a college of administration</p> <p>5 = Bachelor's degree at a (technical) university</p> <p>6 = Master's degree from a (technical) university or equivalent degree (diploma, master's degree, state examination)</p> <p>7 = Doctorate</p> |
| Hong Kong SAR | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete secondary education</p> <p>2 = Secondary education (Secondary 5, 6 or 7)</p> <p>3 = Diploma or certificate from technical school, VTC</p> <p>4 = PGDE, Associate degree or high diploma</p> <p>5 = Bachelor's degree</p> <p>6 = Master's degree</p> <p>7 = Doctorate degree</p> |
| Iran, Islamic Rep. of | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Post-secondary, non-tertiary education</p> <p>4 = Associated diploma</p> <p>5 = Bachelor's or equivalent level</p> <p>6 = Master's or equivalent level</p> <p>7 = Doctor or equivalent level</p> |

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| Israel | TQG-04 | D | Nationally defined categories: 1 = Did not complete high school 2 = High school 3 = Post secondary trade school 4 = Specialized professional study post secondary (e.g., teaching certificate, not including B.Ed) 5 = Academic bachelor degree (B.A. or B.Ed or B.Sc) 6 = Academic master degree 7 = Academic doctor degree |
| Italy | TQG-04 | D | Nationally defined categories: 1 = Did not complete upper secondary school. 2 = Upper secondary diploma (upper secondary school). 3 = Non-university post-secondary education diploma 4 = Short-cycle tertiary degree (e.g., nursing degree) 5 = First level degree (bachelor's three-year degree). 6 = Second level degree (specialist or master's degree) or equivalent title. 7 = Ph.D. or equivalent qualification. |
| Jordan | TQG-04 | D | Nationally defined categories: 1 = Did not complete secondary education 2 = Secondary education 3 = Vocational centers 4 = Community college diploma 5 = Bachelor degree or equivalent 6 = Master degree or equivalent 7 = Doctor degree or equivalent |
| Kazakhstan | TQG-04 | D | Nationally defined categories: 1 = Did not complete secondary education 2 = General secondary education 3 = Technical education 4 = Accelerated higher education 5 = Higher education (bachelor) 6 = Postgraduate education (masters) 7 = Postgraduate education (candidate or Doctor of Science) |
| Kosovo | TQG-04 | D | Nationally defined categories: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Short-cycle tertiary education 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level |

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| Latvia | TQG-04 | D | National categories recoded for international comparability: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary, non-tertiary vocational education 4 = First degree tertiary professional education (college) 5 = Bachelor's degree / Second level tertiary education 6 = Previous education equalized to master degree / Master's degree 7 = Doctor's degree |
| Lithuania | TQG-04 | D | Nationally defined categories: 1 = Did not complete secondary education 2 = Secondary education 3 = Vocational (already having secondary education) 4 = Further education school, technical school 5 = Bachelor's or vocational bachelor's degree 6 = Master's or equivalent degree 7 = Doctor's or equivalent degree |
| Macao | TQG-04 | D | Nationally defined categories: 1 = Did not complete senior secondary education 2 = Senior secondary graduate 3 = Vocational training course 4 = Higher diploma program 5 = Bachelor's degree 6 = Master's degree 7 = Doctorate degree |
| Malta | TQG-04 | D | Nationally defined categories: 1 = Did not complete MATSEC certificate or "A" Level examinations or certificate level at MCAST or ITS or equivalent 2 = MATSEC certificate or "A" Level examinations or certificate level at MCAST or ITS or equivalent 3 = Diploma level at MCAST or ITS or equivalent 4 = Certificate or diploma at university level 5 = Bachelor's degree or VET degree or equivalent 6 = Master's degree or equivalent 7 = Doctoral degree or equivalent |
| Montenegro | TQG-04 | D | Nationally defined categories: 1 = I have not completed secondary education 2 = Secondary education 3 = Post secondary, non-tertiary education 4 = Short cycle tertiary education 5 = Basic university studies 6 = Master studies 7 = Ph.D. studies |

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| Morocco | TQG-04 | D | Nationally defined categories: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Classes préparatoires 4 = University Study Diploma (DEUG) 5 = License, BA or equivalent 6 = Master's or equivalent level 7 = Doctor or equivalent level |
| Netherlands | TQG-04 | D | National categories recoded for international comparability: 1 = Primary education or pre-vocational secondary education 2 = Higher general secondary education or pre-university education or secondary vocational education 3 = Category not administered or data not available 4 = Associate degree (2-3 years) 5 = Higher vocational education (bachelor) / University (bachelor) 6 = Higher vocational education (master) / University (master) 7 = Ph.D. or doctorate |
| New Zealand | TQG-04 | D | National categories recoded for international comparability: 1 = Category not administered or data not available 2 = Category not administered or data not available 3 = Category not administered or data not available 4 = College of education diploma (primary teaching) or a Trained Teacher's Certificate 5 = Bachelor's or bachelor's honors degree or equivalent (e.g., bachelor's degree with a post-graduate diploma) 6 = Master's degree 7 = Ph.D. |
| North Macedonia | TQG-04 | D | Nationally defined categories: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary vocational education 4 = Higher education 5 = Bachelor's education 6 = Master's studies 7 = Doctor of science studies |
| Northern Ireland | TQG-04 | D | National categories for international comparability: 1 = Did not complete A levels or equivalent 2 = A levels or equivalent / Access course for higher education 3 = Category not administered or data not available 4 = Certificate of Education or HND 5 = Bachelor's degree 6 = Master's degree 7 = Doctorate |

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| Norway (5) | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Post-secondary, non-tertiary education, duration under 2 years</p> <p>4 = Short-cycle tertiary education, with duration minimum 2 years</p> <p>5 = Bachelor's or equivalent level</p> <p>6 = Master's or equivalent level</p> <p>7 = Doctor or equivalent level</p> |
| Oman | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education or teacher's secondary school</p> <p>3 = Post-secondary diploma, non-tertiary education</p> <p>4 = Post-secondary, Tertiary Education Diploma</p> <p>5 = Bachelor's or equivalent level</p> <p>6 = Master's or equivalent level</p> <p>7 = Doctor or equivalent level</p> |
| Poland | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Upper secondary school not completed</p> <p>2 = Upper secondary school with matura (lyceum, vocational lyceum, technical school)</p> <p>3 = Post secondary non-tertiary (e.g., teacher study)</p> <p>4 = Teacher college</p> <p>5 = Higher education ending with bachelor or engineer degree</p> <p>6 = Higher education ending with master or MD degree</p> <p>7 = Ph.D.</p> |
| Portugal | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Category not administered or data not available</p> <p>2 = Category not administered or data not available</p> <p>3 = Category not administered or data not available</p> <p>4 = Short-cycle tertiary education</p> <p>5 = Bachelor's</p> <p>6 = Master's</p> <p>7 = Doctorate</p> |
| Qatar | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete secondary education</p> <p>2 = Secondary education</p> <p>3 = Post-secondary, non-tertiary education.</p> <p>4 = Diploma (short-cycle tertiary education, before university)</p> <p>5 = Bachelor's degree or equivalent level</p> <p>6 = Master's degree or equivalent level</p> <p>7 = Ph.D. or equivalent level</p> |

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| Russian Federation | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Basic general education</p> <p>2 = Secondary general education</p> <p>3 = Short-term courses or program (up to 2 years) on the basis of secondary education, secondary professional education</p> <p>4 = Incomplete higher education (2 years or more)</p> <p>5 = Higher education: bachelor or its equivalent (3 years or more)</p> <p>6 = Higher education master degree or its equivalent (5 years or more, second higher education)</p> <p>7 = Candidate or doctor degree or its equivalent</p> |
| Saudi Arabia | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete secondary education</p> <p>2 = Secondary education</p> <p>3 = Post-secondary non-vocational education</p> <p>4 = Post-secondary vocational education</p> <p>5 = Bachelor's or equivalent level</p> <p>6 = Master's or equivalent level</p> <p>7 = Ph.D. or equivalent level</p> |
| Serbia | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Not completed secondary education</p> <p>2 = Secondary education</p> <p>3 = One year specialization after secondary school</p> <p>4 = Short cycle tertiary education</p> <p>5 = Basic first-degree academic studies.</p> <p>6 = Post-graduated studies: master studies or magisterium</p> <p>7 = Doctorate or Ph.D. studies</p> |
| Singapore | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary</p> <p>2 = Upper secondary</p> <p>3 = Post-secondary non-tertiary (e.g., JC, CI, ITE)</p> <p>4 = Polytechnic</p> <p>5 = University bachelor's degree</p> <p>6 = Master's degree</p> <p>7 = Doctoral (e.g., Ph.D.) degree</p> |
| Slovak Republic | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Incomplete secondary education</p> <p>2 = Secondary education</p> <p>3 = Post-secondary education</p> <p>4 = Higher professional education (with diploma)</p> <p>5 = Bachelor's study (Bc. degree)</p> <p>6 = University education - 2nd stage (master's degree and similar)</p> <p>7 = University education - 3rd stage (Ph.D. degree)</p> |

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| Slovenia | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Unfinished high school (including shortened programs)</p> <p>2 = High school (including shortened programs)</p> <p>3 = Category not administered or data not available</p> <p>4 = Higher professional education</p> <p>5 = High professional or high university education (1st bologna level, also former high professional or specialization after higher education)</p> <p>6 = Master's degree education (2nd bologna level, also former university education, specialization after university education or specialization after high professional education)</p> <p>7 = Doctoral degree (3rd bologna level, also former doctoral degree or master's degree)</p> |
| South Africa | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete Grade 12 or Standard 10</p> <p>2 = Grade 12 or Standard 10</p> <p>3 = Post-secondary training (vocational training, e.g., Teachers' College)</p> <p>4 = Technikon diploma</p> <p>5 = Bachelor's (first) degree / Honors degree</p> <p>6 = Master's degree</p> <p>7 = Doctoral degree</p> |
| Spain | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete baccalaureate nor Intermediate Vocational Training or equivalent.</p> <p>2 = Baccalaureate or intermediate vocational training or equivalent</p> <p>3 = Category not administered or data not available</p> <p>4 = Higher level of vocational training or equivalent</p> <p>5 = University degree (3 years), technical engineering, technical architecture, university degree (4 years)</p> <p>6 = University degree (5-6 years), engineering, architecture or master</p> <p>7 = Ph.D.</p> |
| Sweden | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Tertiary education, not university college.</p> <p>4 = Higher education up to 2 year (for instance university college degree)</p> <p>5 = University or university college, equivalent to a bachelor's degree</p> <p>6 = Higher university degree, equivalent to a master's degree</p> <p>7 = Post graduate education (licentiate or Ph.D. degree)</p> |

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| Turkiye | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete upper secondary education</p> <p>2 = Upper secondary education</p> <p>3 = Post-secondary, non-tertiary education</p> <p>4 = Short-cycle tertiary education (foundation degree for two years)</p> <p>5 = Bachelor's</p> <p>6 = Master's</p> <p>7 = Doctor</p> |
| United Arab Emirates | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13)</p> <p>2 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13)</p> <p>3 = Technical education or vocational training course</p> <p>4 = College diploma</p> <p>5 = Bachelor's degree or equivalent</p> <p>6 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent</p> <p>7 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent</p> |
| Uzbekistan | TQG-04 | D | <p>National categories recoded for international comparability:</p> <p>1 = Did not complete general secondary education (10-11th grades)</p> <p>2 = Secondary education (10-11th grades)</p> <p>3 = Secondary-specialized education</p> <p>4 = Category not administered or data not available</p> <p>5 = Higher or bachelor's degree or both</p> <p>6 = Master's degree</p> <p>7 = Doctoral or Ph.D. degree or both</p> |
| Benchmarking Participants | | | |
| Alberta, Canada | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete high school</p> <p>2 = High school</p> <p>3 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>4 = College or cégep (two-year pre-university)</p> <p>5 = Bachelor's degree</p> <p>6 = Master's degree</p> <p>7 = Doctoral degree</p> |
| British Columbia, Canada | TQG-04 | D | <p>Nationally defined categories:</p> <p>1 = Did not complete high school</p> <p>2 = High school</p> <p>3 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>4 = College or cégep (two-year pre-university)</p> <p>5 = Bachelor's degree</p> <p>6 = Master's degree</p> <p>7 = Doctoral degree</p> |

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| Newfoundland & Labrador, Can. | TQG-04 | D | Nationally defined categories: 1 = Did not complete high school 2 = High school 3 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate 4 = College or cégep (two-year pre-university) 5 = Bachelor's degree 6 = Master's degree 7 = Doctoral degree |
| Quebec, Canada | TQG-04 | D | Nationally defined categories: 1 = Did not complete high school 2 = High school 3 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate 4 = College or cégep (two-year pre-university) 5 = Bachelor's degree 6 = Master's degree 7 = Doctoral degree |
| Moscow City, Russian Fed. | TQG-04 | D | Nationally defined categories: 1 = Basic general education 2 = Secondary general education 3 = Short-term courses or program (up to 2 years) on the basis of secondary education, secondary professional education 4 = Incomplete higher education (2 years or more) 5 = Higher education: bachelor or its equivalent (3 years or more) 6 = Higher education master degree or its equivalent (5 years or more, second higher education) 7 = Candidate or doctor degree or its equivalent |
| South Africa (6) | TQG-04 | D | National categories recoded for international comparability: 1 = Did not complete Grade 12 or Standard 10 2 = Grade 12 or Standard 10 3 = Post-secondary training (vocational training, e.g., Teachers' College) 4 = Technikon diploma 5 = Bachelor's (first) degree / Honors degree 6 = Master's degree 7 = Doctoral degree |

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| Abu Dhabi, UAE | TQG-04 | D | Nationally defined categories: 1 = Did not complete Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 2 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 3 = Technical education or vocational training course 4 = College diploma 5 = Bachelor's degree or equivalent 6 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 7 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent |
| Dubai, UAE | TQG-04 | D | Nationally defined categories: 1 = Did not complete Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 2 = Cycle 3 (Grade 9 or Year 10 - Grade 12 or Year 13) 3 = Technical education or vocational training course 4 = College diploma 5 = Bachelor's degree or equivalent 6 = Master's degree (e.g., Master of Arts degree, M.Ed.) or equivalent 7 = Doctoral degree (e.g., Ph.D. or Ed.D.) or equivalent |

TQG-05AA-AD

Question:

During your <post-secondary> education, what was your major or main area(s) of study?

A: Education—Primary/Elementary

B: Education—Secondary

C: <language of test>

D: Other

1 = Yes

2 = No

Variable Name(s): ATBG05AA, ATBG05AB, ATBG05AC, ATBG05AD

| Country | Item ID | Code | Documentation |
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| Albania | TQG-05AC | D | Albanian language |
| Australia | TQG-05AC | D | English |
| Austria | TQG-05AA-AD | D | Stem of the question changed: What kind of studies did you complete? |

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| Austria | TQG-05AA | D | National options recoded for international comparability: Teaching certificate for primary schools / Teaching certificate for special education needs schools |
| Austria | TQG-05AB | D | Teaching certificate for secondary schools |
| Austria | TQG-05AC | X | Option not administered or data not available |
| Austria | TQG-05AD | X | Option not administered or data not available |
| Azerbaijan | TQG-05AA-AD | D | Higher education (if ITLANG = 29) / Post secondary general education (if ITLANG = 55) |
| Azerbaijan | TQG-05AC | D | Russian (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | TQG-05AC | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Belgium (Flemish) | TQG-05AA-AD | D | Stem of the question changed: Which teacher training course(s) did you complete with a diploma? |
| Belgium (Flemish) | TQG-05AA | D | National options recoded for international comparability: Professional bachelor of kindergarten or preschool education / Professional bachelor of primary education |
| Belgium (Flemish) | TQG-05AB | D | National options recoded for international comparability: Professional bachelor of (lower) secondary education (regency) / Specific teacher education (aggregation, D- course, certificate for educational competence) |
| Belgium (Flemish) | TQG-05AC | X | Option not administered or data not available |
| Belgium (French) | TQG-05AC | D | French |
| Brazil | TQG-05AA-AD | D | Undergraduate |
| Brazil | TQG-05AC | D | Portuguese |
| Bulgaria | TQG-05AA-AD | D | Higher education |
| Bulgaria | TQG-05AC | D | Bulgarian philology |
| Chinese Taipei | TQG-05AA-AD | D | University or college |
| Chinese Taipei | TQG-05AC | D | Chinese related |
| Croatia | TQG-05AA-AD | D | Stem of the question changed: What was your area of study during your higher or high education? |

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| Croatia | TQG-05AA | D | Faculty of Education (for homeroom teachers in primary schools, grades 1-4) |
| Croatia | TQG-05AB | D | Any other faculty or academia (for subject teachers, grade 5-8 elementary school or grade 1-5 secondary school or both) |
| Croatia | TQG-05AC | D | Croatian language literature or culture study |
| Croatia | TQG-05AD | X | Option not administered or data not available |
| Cyprus | TQG-05AA-AD | D | Post-secondary (if ITLANG = 1) / Tertiary (if ITLANG = 44) |
| Cyprus | TQG-05AC | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Czech Republic | TQG-05AA-AD | D | University |
| Czech Republic | TQG-05AC | D | Czech language |
| Denmark | TQG-05AA-AD | X | Question not administered or data not available |
| Egypt | TQG-05AC | D | Arabic language |
| England | TQG-05AC | D | English |
| Finland | TQG-05AC | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| France | TQG-05AA-AD | D | Baccalaureate |
| France | TQG-05AC | D | French |
| Georgia | TQG-05AA-AD | D | Stem of the question changed: After upper-secondary school, what was your major or main area(s) of study? |
| Georgia | TQG-05AC | D | Georgian |
| Germany | TQG-05AA-AD | D | Stem of the question changed: What were the main focuses of your university studies? |
| Germany | TQG-05AA | D | Primary school teaching degree or teaching degree for lower grades |
| Germany | TQG-05AB | D | Higher teaching degree or secondary school I or II or teaching degree for vocational school |
| Germany | TQG-05AC | D | German as teaching degree |
| Germany | TQG-05AD | X | Option not administered or data not available |
| Hong Kong SAR | TQG-05AA-AD | D | Tertiary education |

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| Hong Kong SAR | TQG-05AC | D | Chinese language |
| Iran, Islamic Rep. of | TQG-05AC | D | Farsi language |
| Israel | TQG-05AC | D | Hebrew (linguistics or literature) (if ITLANG = 16) / Arabic (language or literature or both) (if ITLANG = 53) |
| Italy | TQG-05AA-AD | D | Studies following your high school diploma |
| Italy | TQG-05AC | D | Italian language |
| Jordan | TQG-05AC | D | Arabic language |
| Kazakhstan | TQG-05AA-AD | D | Professional education |
| Kazakhstan | TQG-05AC | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kosovo | TQG-05AC | D | Albanian |
| Latvia | TQG-05AC | D | The language in which students in your class take the PIRLS test |
| Lithuania | TQG-05AA-AD | D | Stem of the question changed: What was your major or main area(s) of study? |
| Lithuania | TQG-05AC | D | Language of testing (Lithuanian, Polish or Russian) |
| Macao | TQG-05AA-AD | D | Post-secondary (if ITLANG = 1 or 10) / Higher level (if ITLANG = 45) |
| Macao | TQG-05AC | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | TQG-05AA-AD | D | Tertiary |
| Malta | TQG-05AC | X | Option not administered or data not available |
| Montenegro | TQG-05AA-AD | D | Academic education |
| Montenegro | TQG-05AC | D | Montenegrin language |
| Morocco | TQG-05AA-AD | D | After the baccalaureate |
| Morocco | TQG-05AC | D | Arabic |
| Netherlands | TQG-05AA-AD | D | Stem of the question changed: Which topics did you focus on during your teacher training? |
| Netherlands | TQG-05AC | D | Dutch |

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| New Zealand | TQG-05AA | D | Teacher Education—Primary |
| New Zealand | TQG-05AB | D | Teacher Education—Secondary |
| New Zealand | TQG-05AC | D | English or language / Maori language |
| North Macedonia | TQG-05AC | D | Albanian language (if ITLANG = 5) / Macedonian (if ITLANG = 23) |
| Northern Ireland | TQG-05AC | D | English |
| Norway (5) | TQG-05AC | D | Norwegian |
| Oman | TQG-05AC | D | English (if ITLANG = 1) / Arabic language (if ITLANG = 53) |
| Poland | TQG-05AA-AD | D | Stem of the question changed: What fields of study (majors) have you completed? |
| Poland | TQG-05AB | X | Option not administered or data not available |
| Poland | TQG-05AC | D | Polish |
| Portugal | TQG-05AC | D | Portuguese |
| Qatar | TQG-05AC | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Russian Federation | TQG-05AA-AD | D | Higher |
| Russian Federation | TQG-05AC | D | Russian |
| Saudi Arabia | TQG-05AC | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | TQG-05AA-AD | D | Academic |
| Serbia | TQG-05AC | D | Serbian language |
| Singapore | TQG-05AC | D | English |
| Slovak Republic | TQG-05AA-AD | D | Post-matura |
| Slovak Republic | TQG-05AC | D | Hungarian language and literature (non-teaching specialization) (if ITLANG = 17) / Slovak language and literature (non-teaching specialization) (if ITLANG = 30) |
| Slovenia | TQG-05AA-AD | D | Stem of the question changed: What was your main area of study? |
| Slovenia | TQG-05AC | D | Slovenian |
| South Africa | TQG-05AA | D | Primary Education— Foundation Phase or Intermediate Phase |

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|----------------------------------|-------------|---|---|
| South Africa | TQG-05AB | D | Secondary Education—Senior Phase or FET Phase |
| South Africa | TQG-05AC | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Spain | TQG-05AA-AD | D | University education |
| Spain | TQG-05AC | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | TQG-05AC | D | Swedish |
| Turkiye | TQG-05AA-AD | D | Higher education (tertiary education) |
| Turkiye | TQG-05AC | D | Turkish |
| United Arab Emirates | TQG-05AC | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Uzbekistan | TQG-05AA-AD | D | Higher education institution (if ITLANG = 29 or 71) / Post-secondary (if ITLANG = 73) |
| Uzbekistan | TQG-05AC | D | Russian (if ITLANG = 29) / Uzbek (if ITLANG = 71) / Karakalpak (if ITLANG = 73) |
| Benchmarking Participants | | | |
| Alberta, Canada | TQG-05AC | D | English (Language Arts) (if ITLANG = 1) / French (Language Arts) (if ITLANG = 3) |
| British Columbia, Canada | TQG-05AC | D | English (Language Arts) (if ITLANG = 1) / French (Language Arts) (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | TQG-05AC | D | English (Language Arts) (if ITLANG = 1) / French (Language Arts) (if ITLANG = 3) |
| Quebec, Canada | TQG-05AC | D | English (Language Arts) (if ITLANG = 1) / French (Language Arts) (if ITLANG = 3) |
| Moscow City, Russian Fed. | TQG-05AA-AD | D | Higher |
| Moscow City, Russian Fed. | TQG-05AC | D | Russian |
| South Africa (6) | TQG-05AA | D | Primary Education—Foundation Phase or Intermediate Phase |
| South Africa (6) | TQG-05AB | D | Secondary Education—Senior Phase or FET Phase |

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| South Africa (6) | TQG-05AC | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Abu Dhabi, UAE | TQG-05AC | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | TQG-05AC | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

TQG-05BA-BK

Question:

As part of your formal education and/or training, to what extent did you study the following areas?

- A: <language of test>
- B: Literature
- C: Pedagogy/teaching reading
- D: Educational psychology
- E: Learning support
- F: Reading theory
- G: Special education
- H: Second language learning
- I: Assessment methods in reading
- J: Early childhood education
- K: Digital literacies

- 1 = Not at all
- 2 = Overview or introduction to topic
- 3 = It was an area of emphasis

Variable Name(s): ATBG05BA, ATBG05BB, ATBG05BC, ATBG05BD, ATBG05BE, ATBG05BF, ATBG05BG, ATBG05BH, ATBG05BI, ATBG05BJ, ATBG05BK

| Country | Item ID | Code | Documentation |
|------------|----------|------|--|
| Albania | TQG-05BA | D | Albanian language |
| Australia | TQG-05BA | D | English |
| Austria | TQG-05BA | D | The subject German, reading, writing |
| Azerbaijan | TQG-05BA | D | Russian (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

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|-----------------------|----------|---|--|
| Belgium (Flemish) | TQG-05BA | D | Dutch language |
| Belgium (Flemish) | TQG-05BH | D | Second language learning (e.g., French) |
| Belgium (French) | TQG-05BA | D | French |
| Brazil | TQG-05BA | D | Portuguese |
| Bulgaria | TQG-05BA | D | Bulgarian language |
| Bulgaria | TQG-05BE | D | Reading for students with difficulties |
| Chinese Taipei | TQG-05BA | D | Mandarin |
| Croatia | TQG-05BA | D | Croatian language |
| Croatia | TQG-05BG | D | Teaching students with special needs |
| Cyprus | TQG-05BA | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Czech Republic | TQG-05BA | D | Czech language |
| Denmark | TQG-05BA | D | Danish language and grammar |
| Egypt | TQG-05BA | D | Arabic language |
| England | TQG-05BA | D | English |
| Finland | TQG-05BA | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| Finland | TQG-05BE | D | General or enhanced support of learning |
| France | TQG-05BA | D | French |
| Georgia | TQG-05BA | D | Georgian |
| Germany | TQG-05BA | D | German language |
| Hong Kong SAR | TQG-05BA | D | Chinese language |
| Iran, Islamic Rep. of | TQG-05BA | D | Farsi language |
| Israel | TQG-05BA | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Italy | TQG-05BA | D | Italian language |
| Jordan | TQG-05BA | D | Arabic language |
| Kazakhstan | TQG-05BA | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |

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|--------------------|----------|---|--|
| Kosovo | TQG-05BA | D | Albanian |
| Latvia | TQG-05BA | D | The language in which students in your class take the PIRLS test |
| Lithuania | TQG-05BA | D | Language of testing (Lithuanian, Polish or Russian) |
| Macao | TQG-05BA | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | TQG-05BA | X | Option not administered or data not available |
| Montenegro | TQG-05BA | D | Montenegrin language |
| Morocco | TQG-05BA | D | Arabic |
| Netherlands | TQG-05BA | D | Dutch |
| New Zealand | TQG-05BA | D | English or language / Maori language |
| New Zealand | TQG-05BH | D | Learning English as a second language / Second language learning |
| North Macedonia | TQG-05BA | D | Albanian language (if ITLANG = 5) / Macedonian (if ITLANG = 23) |
| Northern Ireland | TQG-05BA | D | English |
| Norway (5) | TQG-05BA | D | Norwegian |
| Norway (5) | TQG-05BD | X | Option not administered or data not available |
| Oman | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Poland | TQG-05BA | D | Polish linguistics |
| Portugal | TQG-05BA | D | Portuguese |
| Qatar | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Russian Federation | TQG-05BA | D | Russian |
| Saudi Arabia | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | TQG-05BA | D | Serbian language |
| Singapore | TQG-05BA | D | English |
| Slovak Republic | TQG-05BA | D | Hungarian language (if ITLANG = 17) / Slovak language (if ITLANG = 30) |

| | | | |
|----------------------|----------|---|---|
| Slovak Republic | TQG-05BE | D | Special reading re-education |
| Slovenia | TQG-05BA | D | Slovenian |
| South Africa | TQG-05BA | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Spain | TQG-05BA | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | TQG-05BA | D | Swedish |
| Turkiye | TQG-05BA | D | Turkish |
| United Arab Emirates | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Uzbekistan | TQG-05BA | D | Russian (if ITLANG = 29) / Uzbek (if ITLANG = 71) / Karakalpak (if ITLANG = 73) |

Benchmarking Participants

| | | | |
|-------------------------------|----------|---|---|
| Alberta, Canada | TQG-05BA | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| British Columbia, Canada | TQG-05BA | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | TQG-05BA | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | TQG-05BA | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Moscow City, Russian Fed. | TQG-05BA | D | Russian |
| South Africa (6) | TQG-05BA | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Abu Dhabi, UAE | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | TQG-05BA | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

TQG-07AA-AG

Question:

In the past two years, have you participated in formal professional development in reading (e.g., workshops, seminars, lesson studies)?

- A: Teaching reading comprehension skills or strategies
- B: Integrating literacies across the curriculum
- C: Addressing students' language needs in teaching reading
- D: Integrating technology into reading instruction
- E: Instruction related to digital literacies
- F: Addressing differentiation of instruction for students' needs and interests
- G: Assessing students' reading

1 = Yes

2 = No

Variable Name(s): ATBG07AA, ATBG07AB, ATBG07AC, ATBG07AD, ATBG07AE, ATBG07AF, ATBG07AG

| Country | Item ID | Code | Documentation |
|-----------------|-------------|------|--|
| Austria | TQG-07AD | D | Integrating technical resources into reading instruction |
| Azerbaijan | TQG-07AA-AG | D | Stem of the question changed: In the past two years, have you participated in qualification development courses (e.g., master-classes, seminars, lesson studies) in reading or in instruction of reading? (if ITLANG = 29) / In the past two years, have you participated in formal professional development in reading (e.g., workshops, seminars, lesson studies)? (if ITLANG = 55) |
| Slovak Republic | TQG-07AC | D | Reading instruction for students with a different mother tongue |

TQG-07BA-BG

Question:

How would you prioritize your need for future professional development?

- A: Teaching reading comprehension skills or strategies
- B: Integrating literacies across the curriculum
- C: Addressing students' language needs in teaching reading
- D: Integrating technology into reading instruction
- E: Instruction related to digital literacies
- F: Addressing differentiation of instruction for students' needs and interests
- G: Assessing students' reading

1 = High
2 = Medium
3 = Low

Variable Name(s): ATBG07BA, ATBG07BB, ATBG07BC, ATBG07BD, ATBG07BE, ATBG07BF, ATBG07BG

| Country | Item ID | Code | Documentation |
|-----------------|-------------|------|--|
| Bulgaria | TQG-07BA-BG | D | Stem of the question changed: To what extent do you need future professional development on these topics? |
| Bulgaria | TQG-07BC | D | Adapting teaching reading to students' language needs and limitations |
| Croatia | TQG-07BA-BG | D | Stem of the question changed: How important are following areas in your future professional development? Nationally defined categories: 1 = Very important 2 = Moderately important 3 = Not important |
| Slovak Republic | TQG-07BB | D | Integrating functional literacies into all school subjects |
| Slovak Republic | TQG-07BD | D | Using ICT in reading instruction |

TQG-08A-E

Question:

How helpful is each type of professional development?

A: Workshops

B: Seminars

C: Access to a mentor (e.g., literacy coach)

D: Teacher professional learning communities

E: Online professional development

1 = Helpful

2 = Somewhat helpful

3 = Not helpful

Variable Name(s): ATBG08A, ATBG08B, ATBG08C, ATBG08D, ATBG08E

| Country | Item ID | Code | Documentation |
|------------|-----------|------|--|
| Azerbaijan | TQG-08A | D | Master classes (if ITLANG = 29) / Workshops (if ITLANG = 55) |
| Azerbaijan | TQG-08C | D | Access to a mentor (e.g., mentor for instruction of reading) (if ITLANG = 29) / Access to a mentor (e.g., literacy coach) (if ITLANG = 55) |
| Bulgaria | TQG-08A-E | D | Stem of the question changed: Was it helpful taking part in the following types of professional development? Nationally defined categories: 1 = Yes 2 = To some extent 3 = No |
| Bulgaria | TQG-08C | D | Support from a mentor or coach |
| Bulgaria | TQG-08E | D | Webinars or other online activities |
| Georgia | TQG-08B | D | Face-to-face trainings |
| Georgia | TQG-08C | D | Professional supervisor (mentor, facilitator) |
| Georgia | TQG-08D | D | Teachers' Professional Associations |
| Italy | TQG-08C | D | Support by a reading or literacy specialist |
| Lithuania | TQG-08D | D | Teacher professional learning communities (e.g., methodical circles) |

| | | | |
|-----------------|---------|---|---|
| Norway (5) | TQG-08B | D | Seminars (e.g., lectures at or outside the school) |
| Norway (5) | TQG-08D | D | Teacher professional learning communities (e.g., Language Tracks) |
| Slovak Republic | TQG-08C | D | Collaboration with a pedagogic, didactic or an experienced teacher (mentor) |
| Slovak Republic | TQG-08E | D | Distance (online) learning |

TQG-09A-D

Question:

To what extent are each of these a disincentive to participate in professional development?

A: Financial costs

B: Time conflicts

C: Content is not relevant

D: Lack of support from school administrators

1 = Not at all

2 = Some

3 = A lot

Variable Name(s): ATBG09A, ATBG09B, ATBG09C, ATBG09D

| Country | Item ID | Code | Documentation |
|-----------------|---------|------|---|
| Bulgaria | TQG-09A | D | Need for covering the financial costs |
| Bulgaria | TQG-09B | D | Working or spare time conflicts |
| Croatia | TQG-09D | D | Lack of support from school director |
| New Zealand | TQG-09D | D | Lack of support from your school's leadership team |
| Slovak Republic | TQG-09D | D | School leaders are not supporting our participation |
| Sweden | TQG-09D | D | Lack of support from the employer |

TQG-10A-L

Question:

How would you characterize each of the following within your school?

- A: Teachers' understanding of the school's curricular goals
- B: Teachers' degree of success in implementing the school's curriculum
- C: Teachers' expectations for student achievement
- D: Teachers' ability to inspire students
- E: Collaboration between school leadership and teachers to plan instruction
- F: Parental involvement in school activities
- G: Parental commitment to ensure that students are ready to learn
- H: Parental expectations for student achievement
- I: Parental support for student achievement
- J: Students' desire to do well in school
- K: Students' ability to reach school's academic goals
- L: Students' respect for classmates who excel academically

1 = Very high

2 = High

3 = Medium

4 = Low

5 = Very low

Variable Name(s): ATBG10A, ATBG10B, ATBG10C, ATBG10D, ATBG10E, ATBG10F, ATBG10G, ATBG10H, ATBG10I, ATBG10J, ATBG10K, ATBG10L

| Country | Item ID | Code | Documentation |
|-------------------|-----------|------|--|
| Belgium (Flemish) | TQG-10E | D | Collaboration between school leadership (including policy supporters, 'zorgcoördinatoren' etc.) and teachers to plan instruction |
| Bulgaria | TQG-10A | D | Teachers' understanding of the goals in the school's developing strategy goals |
| Bulgaria | TQG-10B | D | Teachers' degree of success in implementing the school's developing strategy |
| Bulgaria | TQG-10G | D | Parental commitment to ensure that students come prepared for school |
| Croatia | TQG-10A-L | D | Nationally defined categories: 1 = Excellent 2 = Very good 3 = Medium 4 = Bad 5 = Very bad |

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|-------------|---------|---|--|
| Croatia | TQG-10E | D | Collaboration between school director and teachers in planning instruction |
| Israel | TQG-10E | D | Collaboration between school leadership and teachers to plan instruction (if ITLANG = 16) / Collaboration between school leadership and teachers to plan instruction (including different subject coordinators) (if ITLANG = 53) |
| Italy | TQG-10A | D | Teachers' understanding of the goals of the three-year school plan for the educational supply (PTOF) |
| Italy | TQG-10B | D | Teachers' degree of success in implementing the PTOF |
| Netherlands | TQG-10G | D | Parental commitment to ensure that students are ready to learn (e.g., enough sleep, breakfast) |
| New Zealand | TQG-10E | D | Collaboration between the school's leadership team and teachers to plan instruction |
| New Zealand | TQG-10K | D | Students' ability to reach your school's achievement goals |
| Singapore | TQG-10E | D | Collaboration between school leadership (including HODs, Subject Heads, Level Heads, Senior Teachers, etc.) and teachers to plan instruction |

TQR-01A

Question:

How many students are in this class?

Variable Name(s): ATBR01A

| Country | Item ID | Code | Documentation |
|------------|---------|------|---|
| Croatia | TQR-01A | D | Stem of the question changed: How many students were in the selected class (in the fourth grade in the 2020-2021 school year)? |
| Kazakhstan | TQR-01A | D | Stem of the question changed: How many students are there in the test class that you taught in the 2020-2021 academic year? |
| Latvia | TQR-01A | D | Stem of the question changed: How many students were in the 4th grade you taught last year? |
| Lithuania | TQR-01A | D | Stem of the question changed: How many students were in the fourth grade class that you taught during previous academic year? |

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| New Zealand | TQR-01A | D | Stem of the question changed: What is the TOTAL number of students in your class? |
| Northern Ireland | TQR-01A | D | Stem of the question changed: How many pupils were there in your Year 6 class during the 2020-21 academic year? |
| Saudi Arabia | TQR-01A | X | Question not administered or data not available. |

TQR-01B

Question:

How many of the students in #R1A are in <fourth grade>?

Variable Name(s): ATBR01B

| Country | Item ID | Code | Documentation |
|--------------------|---------|------|--|
| Belgium (Flemish) | TQR-01B | D | Question instruction added: Tip for regular education: except for grade classes, the number will be the same as in the previous question. Tip for special needs education: please indicate the number of students who were in principle eligible to participate in PIRLS because they receive reading comprehension instruction at a level corresponding to that of the fourth grade. |
| Croatia | TQR-01B | D | Stem of the question changed: How many of the students from the previous question have attended the fourth grade (in the 2020-2021 school year)? |
| Israel | TQR-01B | D | Gang punched to teachers' responses to question R01A "How many students are in this class?" |
| Italy | TQR-01B | D | Gang punched to teachers' responses to question R01A "How many students are in this class?" |
| Kazakhstan | TQR-01B | D | Stem of the question changed: How many of the students listed in question #R1A studied in the fourth grade in the 2020-2021 academic year? |
| Latvia | TQR-01B | D | Gang punched to teachers' responses to question R01A "How many students were in the 4th grade that you taught last year?" |
| Lithuania | TQR-01B | D | Gang punched to teachers' responses to question R01A "How many students are in this class?" |
| Russian Federation | TQR-01B | D | Gang punched to teachers' responses to question R01A "How many students are in this class?" |

Singapore TQR-01B D Gang punched to teachers' responses to question R01A
"How many students are in this class?"

Benchmarking Participants

Moscow City, Russian Fed. TQR-01B D Gang punched to teachers' responses to question R01A
"How many students are in this class?"

TQR-02A

Question:

How many <fourth grade> students experience difficulties understanding spoken
<language of test> ?

Variable Name(s): ATBR02A

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|--|
| Albania | TQR-02A | D | Albanian |
| Australia | TQR-02A | D | English |
| Austria | TQR-02A | D | Stem of the question changed: How many fourth grade students in this class experience difficulties understanding spoken German? |
| Azerbaijan | TQR-02A | D | Russian (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Belgium (Flemish) | TQR-02A | D | Dutch |
| Belgium (French) | TQR-02A | D | French |
| Brazil | TQR-02A | D | Portuguese |
| Bulgaria | TQR-02A | D | Bulgarian language |
| Chinese Taipei | TQR-02A | D | Mandarin |
| Croatia | TQR-02A | D | Stem of the question changed: How many fourth grade students in the 2020-2021 school year have experienced difficulties understanding the spoken Croatian language? |
| Cyprus | TQR-02A | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |
| Czech Republic | TQR-02A | D | Czech |

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|-----------------------|---------|---|---|
| Denmark | TQR-02A | D | Danish |
| Egypt | TQR-02A | D | Arabic language |
| England | TQR-02A | D | English |
| Finland | TQR-02A | D | Swedish (if ITLANG = 32) / Finnish (if ITLANG = 43) |
| France | TQR-02A | D | French |
| Georgia | TQR-02A | D | Georgian |
| Germany | TQR-02A | D | German |
| Hong Kong SAR | TQR-02A | D | Chinese |
| Iran, Islamic Rep. of | TQR-02A | D | Farsi language |
| Israel | TQR-02A | D | Hebrew (if ITLANG = 16) / Arabic (if ITLANG = 53) |
| Italy | TQR-02A | D | Italian |
| Jordan | TQR-02A | D | Arabic language |
| Kazakhstan | TQR-02A | D | Stem of the question changed: How many students in the test class had difficulty understanding oral Russian speech in the 2020-2021 academic year? (if ITLANG = 29) / How many students in the test class had difficulty understanding the Kazakh spoken language in the 2020-2021 academic year? (if ITLANG = 39) |
| Kosovo | TQR-02A | D | Albanian |
| Latvia | TQR-02A | D | Stem of the question changed: How many of the 4th grade students you taught last year have difficulty understanding the spoken language in which they perform the PIRLS test? |
| Lithuania | TQR-02A | D | Language of learning (Lithuanian, Polish or Russian) |
| Macao | TQR-02A | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | TQR-02A | X | Question not administered or data not available |
| Montenegro | TQR-02A | D | Montenegrin language |
| Morocco | TQR-02A | D | Arabic |
| Netherlands | TQR-02A | D | Dutch |

| | | | |
|----------------------|---------|---|---|
| New Zealand | TQR-02A | D | English / Maori |
| North Macedonia | TQR-02A | D | Albanian (if ITLANG = 5) / Macedonian (if ITLANG = 23) |
| Northern Ireland | TQR-02A | D | English |
| Norway (5) | TQR-02A | D | Norwegian |
| Oman | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Poland | TQR-02A | D | Polish |
| Portugal | TQR-02A | D | Portuguese |
| Qatar | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Russian Federation | TQR-02A | D | Stem of this question changed: How many students in this class experience difficulties understanding the spoken Russian language? |
| Saudi Arabia | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | TQR-02A | D | Serbian language |
| Singapore | TQR-02A | D | English |
| Slovak Republic | TQR-02A | D | Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30) |
| Slovenia | TQR-02A | D | Slovenian |
| South Africa | TQR-02A | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Spain | TQR-02A | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | TQR-02A | D | Swedish |
| Turkiye | TQR-02A | D | Turkish |
| United Arab Emirates | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Uzbekistan | TQR-02A | D | Russian (if ITLANG = 29) / Uzbek (if ITLANG = 71) / Karakalpak (if ITLANG = 73) |

Benchmarking Participants

| | | | |
|-------------------------------|---------|---|---|
| Alberta, Canada | TQR-02A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| British Columbia, Canada | TQR-02A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | TQR-02A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | TQR-02A | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Moscow City, Russian Fed. | TQR-02A | D | Stem of the question changed: How many students in this class experience difficulties understanding the spoken Russian language? |
| South Africa (6) | TQR-02A | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Abu Dhabi, UAE | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | TQR-02A | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

TQR-02B

Question:

How many <fourth grade> students experience difficulties in reading?

Variable Name(s): ATBR02B

| Country | Item ID | Code | Documentation |
|------------|---------|------|--|
| Austria | TQR-02B | D | Stem of the question changed: How many fourth grade students in this class experience difficulties reading? |
| Croatia | TQR-02B | D | Stem of the question changed: How many fourth grade students in the 2020-2021 school year have experienced difficulties in reading? |
| France | TQR-02B | D | Stem of the question changed How many students need support instruction in reading? |
| Kazakhstan | TQR-02B | D | Stem of the question changed: How many students of the tested class experienced difficulties with reading in the 2020-2021 academic year? |

| | | | |
|--------------------|---------|---|--|
| Latvia | TQR-02B | D | Stem of the question changed: How many of the 4th grade students you taught last year experience difficulties in reading? |
| Russian Federation | TQR-02B | D | Stem of the question changed: How many students in this class experience difficulties in reading? |

Benchmarking Participants

| | | | |
|---------------------------|---------|---|--|
| Moscow City, Russian Fed. | TQR-02B | D | Stem of question changed: How many students in this class experience difficulties in reading? |
|---------------------------|---------|---|--|

TQR-03A-H

Question:

In your view, to what extent do the following limit how you teach this class?

- A: Students lacking prerequisite knowledge or skills
- B: Students suffering from lack of basic nutrition
- C: Students suffering from not enough sleep
- D: Students absent from class
- E: Disruptive students
- F: Uninterested students
- G: Students with mental, emotional, or psychological impairment
- H: Students needing extra support in reading

1 = Not at all

2 = Some

3 = A lot

Variable Name(s): ATBR03A, ATBR03B, ATBR03C, ATBR03D, ATBR03E, ATBR03F, ATBR03G, ATBR03H

| Country | Item ID | Code | Documentation |
|-------------|-----------|------|--|
| Bulgaria | TQR-03G | D | Students with intellectual or behavior difficulties |
| Croatia | TQR-03G | D | Students with mental, emotional, or psychological impairment are enrolled in this class. |
| Croatia | TQR-03H | D | Students who need additional instruction in reading are enrolled in this class. |
| New Zealand | TQR-03A-H | D | Stem of the question changed: In your view, to what extent do the following limit how you teach your Year 5 students? |
| New Zealand | TQR-03D | D | Students absent from class (or school) |

| | | | |
|-----------------|---------|---|--|
| New Zealand | TQR-03G | D | Students with intellectual, emotional, or psychological impairment |
| Slovak Republic | TQR-03A | D | Students lacking knowledge or skills which are prerequisites for success in the learning process |

TQR-04

Question:

In a typical week, how much time do you spend on <language of test> language instruction and/or activities with the students?

Variable Name(s): ATBR04

| Country | Item ID | Code | Documentation |
|-------------------|---------|------|--|
| Albania | TQR-04 | D | Albanian language |
| Australia | TQR-04 | D | English |
| Austria | TQR-04 | D | German |
| Azerbaijan | TQR-04 | D | Russian (if ITLANG = 29) / Azerbaijani language (if ITLANG = 55) |
| Bahrain | TQR-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Belgium (Flemish) | TQR-04 | D | Dutch |
| Belgium (French) | TQR-04 | D | French |
| Brazil | TQR-04 | D | Portuguese |
| Bulgaria | TQR-04 | D | Bulgarian language and literature |
| Chinese Taipei | TQR-04 | D | Stem of the question changed: On weekdays, how much time do you spend on Mandarin language instruction and/or activities with the students? Question instruction added: minutes per week (e.g.: (Lessons for Mandarin + lessons for Mandarin elastic course + lessons for reading)*40 mins) |
| Croatia | TQR-04 | D | Stem of the question changed: In a typical week, how much time do you spend on Croatian language instruction and other Croatian language areas with the students? |
| Cyprus | TQR-04 | D | English (if ITLANG = 1) / Greek (if ITLANG = 44) |

| | | | |
|-----------------------|--------|---|--|
| Czech Republic | TQR-04 | D | Czech language |
| Denmark | TQR-04 | D | Danish |
| Egypt | TQR-04 | D | Arabic language |
| England | TQR-04 | D | English |
| Finland | TQR-04 | D | Mother tongue and literature |
| France | TQR-04 | D | French |
| Georgia | TQR-04 | D | Georgian |
| Germany | TQR-04 | D | German language |
| Hong Kong SAR | TQR-04 | D | Chinese |
| Iran, Islamic Rep. of | TQR-04 | D | Farsi language |
| Israel | TQR-04 | D | Stem of the question changed: In a typical week, how many teaching hours (lessons) do you spend on Hebrew language instruction or activities with the students or both? How long is a typical lesson in your school? (if ITLANG = 16) / In a typical week, how many teaching hours (lessons) do you spend on Arabic language instruction or activities with the students or both? How long is a typical lesson in your school? (if ITLANG = 53) |
| Italy | TQR-04 | D | Italian |
| Jordan | TQR-04 | D | Arabic language |
| Kazakhstan | TQR-04 | D | Russian language (if ITLANG = 29) / Kazakh language (if ITLANG = 39) |
| Kosovo | TQR-04 | D | Albanian |
| Latvia | TQR-04 | D | Stem of the question changed: How much time a week did you spend on instruction and activities with the students learning the language in which they take the PIRLS test? |
| Lithuania | TQR-04 | D | Language students are taught |
| Macao | TQR-04 | D | English (if ITLANG = 1) / Chinese (if ITLANG = 10) / Portuguese (if ITLANG = 45) |
| Malta | TQR-04 | X | Question not administered or data not available |
| Montenegro | TQR-04 | D | Montenegrin language |

| | | | |
|--------------------|--------|---|---|
| Morocco | TQR-04 | D | Arabic |
| Netherlands | TQR-04 | D | Dutch |
| New Zealand | TQR-04 | D | Stem of question and instruction changed: In a typical week, how much time do you spend on language instruction or language activities or both with the students? Include instruction or activities in reading, writing, speaking, literature, and other language skills only in English language. / In a typical week, how much time do you spend on Maori language instruction or language activities or both with the students? Include instruction or activities in reading, writing, speaking, literature, and other language skills only in Māori language. |
| North Macedonia | TQR-04 | D | Albanian language (if ITLANG = 5) / Macedonian (if ITLANG = 23) |
| Northern Ireland | TQR-04 | D | Stem of the question changed: In a typical week, how much time did do you spend on English teaching or activities or both with the pupils? |
| Norway (5) | TQR-04 | D | Norwegian |
| Oman | TQR-04 | D | English (if ITLANG = 1) / Arabic language (if ITLANG = 53) |
| Poland | TQR-04 | D | Stem of the question changed: How many teaching hours are assigned weekly for Polish language instruction to Grade 4 in your school? |
| Portugal | TQR-04 | D | Portuguese |
| Qatar | TQR-04 | D | English (if ITLANG =1) / Arabic (if ITLANG = 53) |
| Russian Federation | TQR-04 | D | Russian |
| Saudi Arabia | TQR-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Serbia | TQR-04 | D | Serbian language |
| Singapore | TQR-04 | D | English |
| | | | Question instruction changed: Include instruction or activities in listening, reading, speaking, writing, literature, and other areas of language learning (vocabulary and grammar). |

| | | | |
|----------------------|--------|---|---|
| Slovak Republic | TQR-04 | D | Stem of the question changed: How much time (in minutes) weekly do you spend teaching Hungarian language and literature in the tested class? (if ITLANG = 17) / How much time (in minutes) weekly do you spend teaching Slovak language and literature in the tested class? (if ITLANG = 30) |
| Slovenia | TQR-04 | D | Slovenian |
| South Africa | TQR-04 | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Spain | TQR-04 | D | Spanish (if ITLANG = 2) / Catalan (if ITLANG = 49) / Basque (if ITLANG = 51) / Valencian (if ITLANG = 52) / Galician (if ITLANG = 57) |
| Sweden | TQR-04 | D | Swedish |
| Turkiye | TQR-04 | D | Turkish |
| United Arab Emirates | TQR-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Uzbekistan | TQR-04 | D | Russian (if ITLANG = 29) / Uzbek (if ITLANG = 71) / Karakalpak (if ITLANG = 73) |

Benchmarking Participants

| | | | |
|-------------------------------|--------|---|---|
| Alberta, Canada | TQR-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| British Columbia, Canada | TQR-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Newfoundland & Labrador, Can. | TQR-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Quebec, Canada | TQR-04 | D | English (if ITLANG = 1) / French (if ITLANG = 3) |
| Moscow City, Russian Fed. | TQR-04 | D | Russian |
| South Africa (6) | TQR-04 | D | English (if ITLANG = 1) / Afrikaans (if ITLANG = 4) / isiNdebele (if ITLANG = 81) / isiXhosa (if ITLANG = 82) / isiZulu (if ITLANG = 83) / Sepedi (if ITLANG = 84) / Sesotho (if ITLANG = 85) / Setswana (if ITLANG = 86) / SiSwati (if ITLANG = 87) / Tshivenda (if ITLANG = 88) / Xitsonga (if ITLANG = 89) |
| Abu Dhabi, UAE | TQR-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |
| Dubai, UAE | TQR-04 | D | English (if ITLANG = 1) / Arabic (if ITLANG = 53) |

TQR-05

Question:

Regardless of whether or not you have formally scheduled time for reading instruction, in a typical week about how much time do you spend on reading instruction and/or activities with the students?

Variable Name(s): ATBR05

| Country | Item ID | Code | Documentation |
|------------------|---------|------|---|
| Belgium (French) | TQR-05 | D | Stem of the question changed: Include the time when you teach reading and other school area instruction per week (minutes in total) |
| Chinese Taipei | TQR-05 | D | Stem of the question changed: Regardless of whether or not you have formally scheduled time for reading instruction, on weekdays about how much time do you spend on reading instruction and activities with the students? Question instruction changed: minutes per week (e.g.: (Total times for morning, newspaper reading, reading hours, reading strategies instruction (key concept, summary, ask questions, etc.), interdisciplinary reading)) |
| Slovak Republic | TQR-05 | D | Question instruction changed: Count in all activities, regardless of whether done during the reading lessons or during the lessons of other school subjects. Write in the number of minutes per week. Please convert the number of hours into minutes. |

TQR-07AA-AD

Question:

When you have reading instruction and/or do reading activities with the students, how often do you have the students read the following types of text (in print or digitally)?

A: Short stories (e.g., fables, fairy tales, action stories, science fiction, detective stories)

B: Longer fiction books with chapters

C: Plays

D: Poems/poetry

1 = Every day or almost every day

2 = Once or twice a week

3 = Once or twice a month

4 = Never or almost never

Variable Name(s): ATBR07AA, ATBR07AB, ATBR07AC, ATBR07AD

| Country | Item ID | Code | Documentation |
|---------|----------|------|--|
| Germany | TQR-07AB | D | Longer literary texts with several chapters (e.g., novels) |
| Italy | TQR-07AB | D | Novels (fiction books, divided into chapters) |

TQR-07BA-BD

Question:

When you have reading instruction and/or do reading activities with the students, how often do you have the students read the following types of text (in print or digitally)?

A: Nonfiction subject area books or textbooks

B: Longer nonfiction books with chapters

C: Nonfiction articles that describe and explain about things, people, events, or how things work (e.g., newspaper articles, brochures)

D: Non-continuous texts (e.g., diagrams, maps, illustrations, photographs, tables)

1 = Every day or almost every day

2 = Once or twice a week

3 = Once or twice a month

4 = Never or almost never

Variable Name(s): ATBR07BA, ATBR07BB, ATBR07BC, ATBR07BD

| Country | Item ID | Code | Documentation |
|---------|----------|------|--------------------------------------|
| Germany | TQR-07BA | D | Specialized non-fiction or textbooks |

| | | | |
|------------|----------|---|--|
| Germany | TQR-07BC | D | Informational texts describing and explaining things, people, events or how something works (e.g., brochures, newspaper articles) |
| Italy | TQR-07BA | D | Short essays or manuals on specific subject area |
| Italy | TQR-07BB | D | Essays (non-fiction texts, divided into chapters) |
| Kazakhstan | TQR-07BD | D | Texts made of fragments of information (if ITLANG = 29) / Non-continuous texts (e.g., diagrams, maps, illustrations, photographs, tables) (if ITLANG = 39) |

TQR-08A-H

Question:

When you have reading instruction and/or do reading activities with the students, how often do you do the following?

- A: Read aloud to students
- B: Ask students to read aloud
- C: Ask students to read silently on their own
- D: Teach students strategies for decoding sounds and words
- E: Teach students new vocabulary systematically
- F: Provide opportunities for students to develop fluency
- G: Teach or model skimming or scanning strategies
- H: Teach digital literacy skills (e.g., read, write, and communicate using digital tools and media)

- 1 = Every day or almost every day
- 2 = Once or twice a week
- 3 = Once or twice a month
- 4 = Never or almost never

Variable Name(s): ATBR08A, ATBR08B, ATBR08C, ATBR08D, ATBR08E, ATBR08F, ATBR08G, ATBR08H

| Country | Item ID | Code | Documentation |
|------------|---------|------|---|
| Azerbaijan | TQR-08G | D | Teach or model skimming or scanning strategies (if ITLANG = 55) / Teach or model skimming (surface reading of the text to determine its main features (main idea, structure, etc.)) or scanning (surface reading of the text in order to find certain information) (if ITLANG = 29) |
| Bulgaria | TQR-08F | D | Provide opportunities for students to develop their reading skills |
| Bulgaria | TQR-08G | D | Teach students different reading strategies (e.g., skimming, scanning) |

| | | | |
|----------------|---------|---|---|
| Croatia | TQR-08F | D | Enable the development of fluency among students. |
| Czech Republic | TQR-08G | D | Skimming (reading rapidly in order to get a general overview of the text), scanning (reading rapidly in order to find specific facts) |
| Georgia | TQR-08G | D | Teach or model strategies of fast reading |
| Germany | TQR-08G | D | To show students or work with them on strategies for skimming selective (targeted searching) and skimming orienting reading |
| Germany | TQR-08H | D | Teaching digital skills (e.g., reading, writing and communicating with digital devices) |

TQR-09A-I

Question:

How often do you do the following in teaching reading to this class?

- A: Provide reading materials that match the students' interests
- B: Provide materials that are appropriate for the reading levels of individual students
- C: Link new content to students' prior knowledge
- D: Encourage students to deepen their understandings of the text
- E: Encourage student discussions of texts
- F: Encourage students to challenge the opinion expressed in the text
- G: Encourage students to read texts with multiple perspectives
- H: Give students time to read books of their own choosing
- I: Give individualized feedback to each student

- 1 = Every or almost every lesson
- 2 = About half the lessons
- 3 = Some lessons
- 4 = Never

Variable Name(s): ATBR09A, ATBR09B, ATBR09C, ATBR09D, ATBR09E, ATBR09F, ATBR09G, ATBR09H, ATBR09I

| Country | Item ID | Code | Documentation |
|-------------|---------|------|---|
| Bulgaria | TQR-09B | D | Provide materials with different complexity that are appropriate for reading by individual students |
| New Zealand | TQR-09D | D | Encourage students to develop their understandings of texts |
| New Zealand | TQR-09E | D | Encourage student discussions on the texts they read |

TQR-12A

Question:

Do the students in this class ever have digital devices (desktop computers, laptops, or tablets) available to use during reading instruction?

1 = Yes

2 = No

| Variable Name(s): | ATBR12A | | |
|--------------------------|---------|------|---|
| Country | Item ID | Code | Documentation |
| Germany | TQR-12A | D | Stem of the question changed: Do students in this class ever have access to digital devices (e.g., PCs, laptops or tablets) in reading classes? |
| New Zealand | TQR-12A | D | Stem of the question changed: Are digital devices (desktop computers, laptops, or tablets) available for use by your Year 5 students during reading? |
| Slovak Republic | TQR-12A | D | Stem of the question changed: During reading lessons, do the students in the tested class sometimes have ICT (computers, notebooks or tablets) at their disposal ? |

TQR-12BA-BD

Question:

If Yes, What access do the students have to computers?

A: The school provides each student with a digital device

B: The class has digital devices that students can share

C: The school has digital devices that the class can use sometimes

D: Students bring their own digital devices

1 = Yes

2 = No

| Variable Name(s): | ATBR12BA, ATBR12BB, ATBR12BC, ATBR12BD | | |
|--------------------------|--|------|---|
| Country | Item ID | Code | Documentation |
| Denmark | TQR-12BA | D | The school provides each student with a computer or tablet. |
| Denmark | TQR-12BB | D | The class has computers or tablets that students can share. |
| Denmark | TQR-12BC | D | The school has computers or tablets that the class can use sometimes. |

| | | | |
|-----------------|-------------|---|---|
| Denmark | TQR-12BD | D | Students bring their own computers or tablets. |
| England | TQR-12BA-BD | D | Stem of the question changed: What access do the pupils have to computers (including tablets)? |
| England | TQR-12BA | D | The school provides each pupil with a computer or tablet. |
| England | TQR-12BB | D | The class has computers or tablets that pupils can share. |
| England | TQR-12BC | D | The school has computers or tablets that the class can use sometimes. |
| England | TQR-12BD | D | Pupils bring their own computers or tablets. |
| Slovak Republic | TQR-12BA-BD | D | Stem of the question changed: What access do the students have to ICT devices? |
| Slovak Republic | TQR-12BA | D | The school provides each student with their own ICT devices |
| Slovak Republic | TQR-12BB | D | The class has ICT devices that students can share |
| Slovak Republic | TQR-12BC | D | The school has ICT devices that the class can use sometimes |
| Slovak Republic | TQR-12BD | D | Students bring their own ICT devices |

TQR-12C

Question:

When doing reading activities with the whole class, how often do you have students use digital devices?

- 1 = At least once a week
- 2 = Once or twice a month
- 3 = A few times a year
- 4 = Never or almost never

| Variable Name(s): | ATBR12C | | |
|--------------------------|---------|------|--|
| Country | Item ID | Code | Documentation |
| Latvia | TQR-12C | D | Stem of the question changed: How often did students of whole class use digital devices at the same time during reading lessons? |
| New Zealand | TQR-12C | D | Stem of the question changed: How often do you have your Year 5 students use digital devices during reading? |
| Slovak Republic | TQR-12C | D | Stem of the question changed: When doing reading activities with the whole class, how often do you have students use ICT devices? |

TQR-12DA-DC**Question:**

In addition, how often do you have specific groups of students do personalized reading activities using digital devices?

- A: Low-performing students
B: High-performing students
C: Students with special needs

- 1 = Often
2 = Sometimes
3 = Never

Variable Name(s): ATBR12DA, ATBR12DB, ATBR12DC

| Country | Item ID | Code | Documentation |
|-----------------|-------------|------|--|
| Slovak Republic | TQR-12DA-DC | D | Stem of the question changed: In addition, how often do you have given groups of students do personalized reading activities using ICT devices? |

TQR-12EA-EE**Question:**

During reading instruction, how often do you have students use digital devices to do the following?

- A: Read digital texts
B: Look up facts and definitions
C: Do a research project on a particular topic or problem
D: Write stories or other texts
E: Create a presentation or communication (e.g., video)

- 1 = Every day or almost every day
2 = Once or twice a week
3 = Once or twice a month
4 = Never or almost never

Variable Name(s): ATBR12EA, ATBR12EB, ATBR12EC, ATBR12ED, ATBR12EE

| Country | Item ID | Code | Documentation |
|----------|----------|------|---|
| Austria | TQR-12EE | D | Create a presentation or video |
| Bulgaria | TQR-12EE | D | Create a presentation or video |
| Croatia | TQR-12EE | D | To create a presentation or video |
| Georgia | TQR-12EE | D | Create a presentation or media text (e.g., video) |

| | | | |
|-----------------|-------------|---|--|
| Slovak Republic | TQR-12EA-EE | D | Stem of the question changed: During reading instruction, how often do you have students use ICT devices to do the following? |
| Slovenia | TQR-12EA-EE | D | Stem of the question changed: During reading instruction, how often do you have students use digital devices (i.e., computers, laptops, tablets) to do the following? |
| Slovenia | TQR-12EE | D | Create a presentation or communication (e.g., video, PowerPoint presentation, etc.) |

TQR-13B

Question:

If Yes, About how many books with different titles are in your classroom library?

- 1 = 0–25
- 2 = 26–50
- 3 = 51–100
- 4 = More than 100

Variable Name(s): ATBR13B

| Country | Item ID | Code | Documentation |
|---------|---------|------|--|
| Austria | TQR-13B | D | Stem of the question changed: About how many books are in your classroom library or reading corner? |

TQR-13C

Question:

About how many magazines with different titles are in your classroom library?

- 1 = 0
- 2 = 1–2
- 3 = 3–5
- 4 = More than 5

Variable Name(s): ATBR13C

| Country | Item ID | Code | Documentation |
|---------|---------|------|--|
| Austria | TQR-13C | D | Stem of the question changed: About how many magazines with different titles are in your classroom library or reading corner? |

Hong Kong SAR

TQR-13C

D

Stem of the question changed:
About how many magazines with different titles are in your classroom library (i.e., different issues of the same magazine are counted as one)?

TQR-13D

Question:

How often do you give the students in your class time to use the classroom library or reading corner?

- 1 = Every day or almost every day
- 2 = Once or twice a week
- 3 = Once or twice a month
- 4 = Never or almost never

Variable Name(s):

ATBR13D

Country

Item ID

Code

Documentation

Bulgaria

TQR-13D

D

Stem of question changed:
How often do you allocate class time so students can use the classroom library in your classroom?

TQR-14

Question:

How often do you take or send the students to the <school or local library> ?

- 1 = At least once or twice a week
- 2 = Once or twice a month
- 3 = A few times a year
- 4 = Never or almost never

Variable Name(s):

ATBR14

Country

Item ID

Code

Documentation

Austria

TQR-14

D

Nationally defined categories:
1 = At least once a week
2 = Once or twice a month
3 = A few times a year
4 = Never or almost never

Belgium (Flemish)

TQR-14

D

A different library (not the library in your class)

| | | | |
|----------------------------------|--------|---|--|
| Belgium (French) | TQR-14 | D | Stem of the question changed: How often do you take or send the students to a library other than the class library (for instance, the school library or the local library)? |
| Brazil | TQR-14 | D | Library |
| Czech Republic | TQR-14 | D | Other than school library |
| Egypt | TQR-14 | D | Other library or classroom library |
| Finland | TQR-14 | D | School library or some other local library |
| France | TQR-14 | D | School or public library |
| Israel | TQR-14 | D | School library or the public library (if ITLANG = 16) / School or local library (if ITLANG = 53) |
| Macao | TQR-14 | D | School library or public library |
| Montenegro | TQR-14 | D | School or other library |
| Morocco | TQR-14 | D | School library or municipal library |
| Netherlands | TQR-14 | D | Stem of the question changed: How often do you take the students to a (school) library or do you let them go there? |
| New Zealand | TQR-14 | D | Library other than your classroom library |
| Norway (5) | TQR-14 | D | Library or school library |
| Russian Federation | TQR-14 | D | School, local or city library |
| Serbia | TQR-14 | D | School or city library |
| Singapore | TQR-14 | D | School or public library |
| Slovenia | TQR-14 | D | School or any other library |
| Spain | TQR-14 | D | Classroom library, school library or public library (if ITLANG = (2, 52, 57)) / School or public library (if ITLANG = 49 or 51) |
| Sweden | TQR-14 | D | School library or another library |
| Benchmarking Participants | | | |
| Alberta, Canada | TQR-14 | D | School or public library |
| British Columbia, Canada | TQR-14 | D | School or public library |

| | | | |
|-------------------------------|--------|---|-------------------------------|
| Newfoundland & Labrador, Can. | TQR-14 | D | School or public library |
| Quebec, Canada | TQR-14 | D | School or public library |
| Moscow City, Russian Fed. | TQR-14 | D | School, local or city library |

TQR-18A-E

Question:

How much importance do you place on the following assessment strategies in reading?

- A: Observing students as they work
- B: Asking students to answer questions during class
- C: Short, regular written assessments (paper or digital)
- D: Longer tests (e.g., unit tests or exams)
- E: Long-term projects (e.g., reading logs)

- 1 = A lot
- 2 = Some
- 3 = None

| Variable Name(s): | ATBR18A, ATBR18B, ATBR18C, ATBR18D, ATBR18E | | |
|--------------------------|---|------|---|
| Country | Item ID | Code | Documentation |
| Bulgaria | TQR-18B | D | Asking questions to students during class |
| Denmark | TQR-18D | D | Longer tests (e.g., national or municipality tests) |
| Finland | TQR-18D | D | Tests for wider content areas |
| Finland | TQR-18E | D | Long-term projects (e.g., reading log or reading diploma) |
| Italy | TQR-18D | D | Longer tests (e.g., overall checks at the end of the process of each four-month period) |
| New Zealand | TQR-18C | D | Short, regular assessments (paper or digital) |

Teacher Tracking Variables

Variable Labels

Language of Teacher Questionnaire

Locale ID of Teacher Questionnaire

Variable Name(s): ITLANG_TQ, LCID_TQ

| Country | Item ID | Code | Documentation |
|-------------|-----------|------|---|
| New Zealand | ITLANG_TQ | X | Question not administered or data not available |
| New Zealand | LCID_TQ | X | Question not administered or data not available |