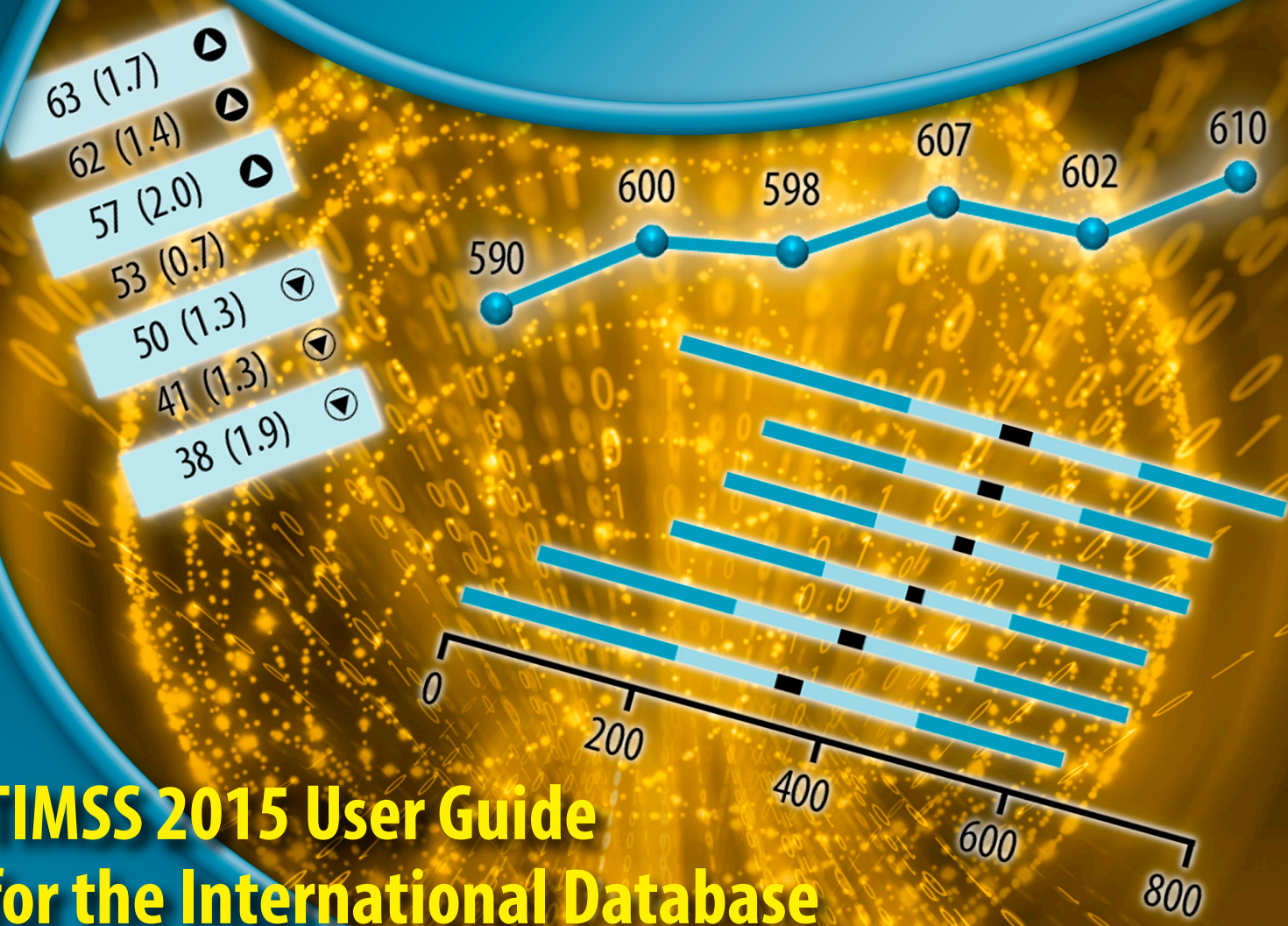


TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE STUDY

TIMSS



TIMSS 2015 User Guide for the International Database

SUPPLEMENT 2

National Adaptations of International
Context Questionnaires



TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

Supplement 2

National Adaptations of International Context Questionnaires

Overview

This supplement describes national adaptations made to the international version of the TIMSS 2015 context questionnaires. This information provides users with a guide to evaluate the availability of internationally comparable data for use in secondary analyses involving the TIMSS 2015 background variables. Context questionnaire national adaptations include questions that countries were required to adapt, questions that were not administered, and questions that countries modified to suit their national context.

National adaptations are presented in eight sections corresponding to the TIMSS 2015 context questionnaires.

- Section 1: Fourth Grade Student Questionnaire
- Section 2: Fourth Grade Home Questionnaire (Early Learning Survey)
- Section 3: Fourth Grade Teacher Questionnaire
- Section 4: Fourth Grade School Questionnaire
- Section 5: Eighth Grade Student Questionnaire
- Section 6: Eighth Grade Mathematics Teacher Questionnaire
- Section 7: Eighth Grade Science Teacher Questionnaire
- Section 8: Eighth Grade School Questionnaire

For each background question that was adapted, a national entry is included if the version of the question administered in a country was different from the international version. For each question, the following information is provided:

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

Each entry is assigned either Code D or Code X representing the following meaning.

Code D National data for the country are included in the international database. This code is used for national adaptations that are considered comparable to the international version.

Code X National data for the country are not included in the international database. This code is used for questions that were not administered, not applicable, or deleted for any of several reasons (e.g., not internationally comparable, removed per country request, or removed due to other data problems).

TIMSS
2015

SECTION 1:
FOURTH GRADE –
STUDENT
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

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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 = 2002

2 = 2003

3 = 2004

4 = 2005

5 = 2006

6 = 2007

7 = 2008

8 = Other

Variable Name(s): ASBG02A, ASBG02B

Country	Item ID	Code	Documentation
Chinese Taipei	SQG-02B	D	Nationally defined options: 1 = The 91th year of the Republic Era (2002) 2 = The 92th year of the Republic Era (2003) 3 = The 93th year of the Republic Era (2004) 4 = The 94th year of the Republic Era (2005) 5 = The 95th year of the Republic Era (2006) 6 = The 96th year of the Republic Era (2007) 7 = The 97th year of the Republic Era (2008) 8 = Other
Iran, Islamic Rep. of	SQG-02A	D	Corresponding months of the Persian calendar used
Iran, Islamic Rep. of	SQG-02B	D	Corresponding years of the Persian calendar used

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
Belgium, Flemish	SQG-03	D	Dutch or Flemish
Ireland	SQG-03	X	For ITLANG = 41 ("Irish"): Question not administered or data not available

SQG-05A-K

Question:

Do you have any of these things at your home?

- A: A computer or tablet of your own
- B: A computer or tablet that is shared with other people at home
- C: Study desk/table for your use
- D: Your own room
- E: Internet connection
- F: Your own mobile phone
- G: A gaming system (e.g., PlayStation®, Wii®, Xbox®)
- 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
ARG, Buenos Aires	SQG-05H	D	Music player (iPod, mp3)
ARG, Buenos Aires	SQG-05I	D	Your own bathroom
ARG, Buenos Aires	SQG-05J	D	Air conditioner
ARG, Buenos Aires	SQG-05K	D	Television in your room
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-K	X	Option not administered or data not available
Bahrain	SQG-05H	D	Swimming pool
Bahrain	SQG-05I	D	Gym
Bahrain	SQG-05J	D	Pets

Bahrain	SQG-05K	D	Car
Belgium, Flemish	SQG-05H-K	X	Option not administered or data not available
Bulgaria	SQG-05H-K	X	Option not administered or data not available
CAN, Ontario	SQG-05H	D	A quiet place to study
CAN, Ontario	SQG-05I	D	Books of your very own (do not count your school books)
CAN, Ontario	SQG-05J	D	Books to help with your school work (e.g., dictionary, encyclopedia)
CAN, Ontario	SQG-05K	D	iPod® or Mp3 player
CAN, Quebec	SQG-05H	D	A quiet place to study
CAN, Quebec	SQG-05I	D	Books of your very own (do not count your school books)
CAN, Quebec	SQG-05J	D	Books to help with your school work (e.g., dictionary, encyclopedia)
CAN, Quebec	SQG-05K	D	iPod® or Mp3 player
Canada	SQG-05H	D	A quiet place to study
Canada	SQG-05I	D	Books of your very own (do not count your school books)
Canada	SQG-05J	D	Books to help with your school work (e.g., dictionary, encyclopedia)
Canada	SQG-05K	D	iPod® or Mp3 player
Chile	SQG-05H	D	Shower with hot water
Chile	SQG-05I	D	Dishwasher
Chile	SQG-05J	D	Cable TV
Chile	SQG-05K	D	Car (regular car, jeep, pick-up truck, van)
Chinese Taipei	SQG-05H	D	At least two bedrooms are equipped with bathrooms
Chinese Taipei	SQG-05I	D	My parents have their own car for private use (not for business or public affairs)
Chinese Taipei	SQG-05J	D	Piano or violin
Chinese Taipei	SQG-05K	D	Family servant
Croatia	SQG-05H	D	Sports equipment (e.g., for skiing, tennis, skating/hockey)
Croatia	SQG-05I	D	Artwork, musical instruments (e.g., paintings, sculptures, piano, violin)
Croatia	SQG-05J	D	Have lunch or dinner with parents in a restaurant at least once a month
Croatia	SQG-05K	D	Every year I go with my parents at least one week on a vacation outside our homeland
Cyprus	SQG-05H	D	Educational computer games
Cyprus	SQG-05I	D	Cable or satellite TV (e.g., Cablenet, Cytavision, LTV, Nova, Primetel)
Cyprus	SQG-05J	D	Alarm system
Cyprus	SQG-05K	D	Swimming pool
Czech Republic	SQG-05H	D	Dishwasher
Czech Republic	SQG-05I	D	Educational software
Czech Republic	SQG-05J	D	Camcorder

Czech Republic	SQG-05K	D	Home cinema set (screen, DVD player, speakers)
Denmark	SQG-05H-K	X	Option not administered or data not available
England	SQG-05H	D	Bicycle
England	SQG-05I	D	E-book readers (e.g., Kindle, Kobo, Bookeen)
England	SQG-05J	D	Musical instruments (e.g., guitar, piano)
England	SQG-05K	D	A play room
Finland	SQG-05H	D	Your own TV
Finland	SQG-05I	D	A musical instrument (e.g., piano, guitar)
Finland	SQG-05J	D	Pets
Finland	SQG-05K	D	Smartphone of your own (e.g., iPhone®, Lumia®, Galaxy®)
France	SQG-05H	D	Books only for you (not including your textbooks)
France	SQG-05I	D	TV in your room
France	SQG-05J	D	Dictionary
France	SQG-05K	D	A subscription to a magazine or a newspaper of your choice
Georgia	SQG-05H	D	Family private car
Georgia	SQG-05I	D	Dishwashing machine
Georgia	SQG-05J	D	Summer house
Georgia	SQG-05K	D	Smart TV
Germany	SQG-05H	D	Learning programs for the computer
Germany	SQG-05I	D	Piano
Germany	SQG-05J	D	A person, who at least once a week helps in the household (cleaning help)
Germany	SQG-05K	D	Dishwashing machine
Hong Kong SAR	SQG-05H	D	Car
Hong Kong SAR	SQG-05I	D	Air conditioner
Hong Kong SAR	SQG-05J	D	Domestic helper
Hong Kong SAR	SQG-05K	D	Room for domestic helper
Hungary	SQG-05H	D	Dishwasher
Hungary	SQG-05I	D	Your own iPod, MP3/MP4 player (not one that is built in a phone)
Hungary	SQG-05J	D	Home cinema (system)
Hungary	SQG-05K	D	Digital camera (not part of a phone)
Indonesia	SQG-05H-K	X	Option not administered or data not available
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	Sofa
Iran, Islamic Rep. of	SQG-05K	D	Dishwasher

Ireland	SQG-05H	D	Your own smartphone (a phone on which you can get the Internet)
Ireland	SQG-05I	D	Premium ("pay extra") TV channels, such as BT Sport or Sky Movies
Ireland	SQG-05J	D	Two or more cars
Ireland	SQG-05K	D	TV in your bedroom
Italy	SQG-05H	D	Home alarm system
Italy	SQG-05I	D	Air conditioning
Italy	SQG-05J	D	Dishwasher
Italy	SQG-05K	D	Jacuzzi
Japan	SQG-05H	D	Calculator
Japan	SQG-05I	D	Book or puzzle related to mathematics (except textbook, dictionary, workbook)
Japan	SQG-05J	D	Astronomical telescope
Japan	SQG-05K	D	Pictorial book of plants
Jordan	SQG-05H	D	Digital camera
Jordan	SQG-05I	D	Automatic washing machine
Jordan	SQG-05J	D	Central heating
Jordan	SQG-05K	D	Air conditioner
Kazakhstan	SQG-05H-K	X	Option not administered or data not available
Korea, Rep. of	SQG-05H	D	Digital TV (e.g., wall-mounted TV, flat panel TV)
Korea, Rep. of	SQG-05I	D	Home theater (e.g., audio equipment)
Korea, Rep. of	SQG-05J	D	Dehumidifier
Korea, Rep. of	SQG-05K	D	Air conditioner
Kuwait	SQG-05H-K	X	Option not administered or data not available
Lithuania	SQG-05H	D	Encyclopedias, dictionaries
Lithuania	SQG-05I	D	E-book reader
Lithuania	SQG-05J	D	Video camera
Lithuania	SQG-05K	D	Digital or SLR camera
Morocco	SQG-05H	D	Bicycle
Morocco	SQG-05I	D	Car with a driver
Morocco	SQG-05J	D	Expensive watch
Morocco	SQG-05K	D	International brand clothes
Netherlands	SQG-05H-K	X	Option not administered or data not available
New Zealand	SQG-05H	D	Musical instruments (e.g., piano, violin, guitar)
New Zealand	SQG-05I	D	Clothes dryer
New Zealand	SQG-05J	D	Dishwasher

New Zealand	SQG-05K	D	Two or more bathrooms
Northern Ireland	SQG-05H	D	Musical instrument
Northern Ireland	SQG-05I	D	An encyclopedia
Northern Ireland	SQG-05J	D	A second car
Northern Ireland	SQG-05K	D	Someone who is paid to clean your house or flat
Norway	SQG-05H	D	Flat screen TV
Norway	SQG-05I	D	More than one PC
Norway	SQG-05J	D	Piano or Violin
Norway	SQG-05K	D	Cottage and/or big boat
Norway (Grade 4)	SQG-05H	D	Flat screen TV
Norway (Grade 4)	SQG-05I	D	More than one PC
Norway (Grade 4)	SQG-05J	D	Piano or violin
Norway (Grade 4)	SQG-05K	D	Cottage and/or big boat
Oman	SQG-05H	D	TV
Oman	SQG-05I	D	Musical Instruments
Oman	SQG-05J	D	iPod
Oman	SQG-05K	D	CD Player
Poland	SQG-05H	D	DVD or Blu-ray in your room
Poland	SQG-05I-K	X	Option not administered or data not available
Portugal	SQG-05H	D	Washing machine
Portugal	SQG-05I	D	Cable or satellite TV
Portugal	SQG-05J	D	LCD or 3D TV set
Portugal	SQG-05K	D	Air conditioner
Qatar	SQG-05H	D	Private house maid
Qatar	SQG-05I	D	Private car driver
Qatar	SQG-05J-K	X	Option not administered or data not available
Russian Federation	SQG-05H	D	Musical instruments (e.g., guitar, piano)
Russian Federation	SQG-05I	D	Car (one or more)
Russian Federation	SQG-05J	D	Flat (or house) with 4 or more rooms
Russian Federation	SQG-05K	D	Dishwasher
Saudi Arabia	SQG-05H	D	Private garden
Saudi Arabia	SQG-05I	D	Swimming pool
Saudi Arabia	SQG-05J	D	3D smart TV
Saudi Arabia	SQG-05K	D	Four-wheeled motorcycle
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/DVD player, iPod)
Slovak Republic	SQG-05H	D	We have digital educational programs (e.g., about human body, space, nature)
Slovak Republic	SQG-05I	D	Car
Slovak Republic	SQG-05J-K	X	Option not administered or data not available
Slovenia	SQG-05H	D	Advanced sports equipment (for skiing, tennis, mountain bike, etc.)
Slovenia	SQG-05I	D	Artwork, musical instruments, encyclopedias (e.g., pictures, statues, piano, etc.)
Slovenia	SQG-05J	D	Family trips or mountain hiking, family outings in the restaurant for lunch or dinner, or do sport activities together (e.g., skiing, tennis, golf)
Slovenia	SQG-05K	D	Every year we take a family vacation for at least 1 week outside our hometown
South Africa	SQG-05H	D	Dictionary
South Africa	SQG-05I	D	Electricity
South Africa	SQG-05J	D	Running tap water
South Africa	SQG-05K	D	Television (TV)
Spain	SQG-05H-K	X	Option not administered or data not available
Sweden	SQG-05H	D	Globe
Sweden	SQG-05I	D	Piano
Sweden	SQG-05J	D	Any musical instruments other than piano
Sweden	SQG-05K	X	Option not administered or data not available
Turkey	SQG-05H	D	Heating systems
Turkey	SQG-05I	D	Cooling systems (air conditioner)
Turkey	SQG-05J	D	Washing machine
Turkey	SQG-05K	D	Dishwasher
UAE, Abu Dhabi	SQG-05H	D	Smartphone
UAE, Abu Dhabi	SQG-05I	D	Swimming pool (if ITLANG = 1) / Pet (if ITLANG = 53)
UAE, Abu Dhabi	SQG-05J	D	Luxury watch (e.g., Rolex, Chopard, or Cartier)
UAE, Abu Dhabi	SQG-05K	D	Luxury car (e.g., Bentley, Rolls-Royce, or Maserati)
UAE, Dubai	SQG-05H	D	Smartphone
UAE, Dubai	SQG-05I	D	Swimming pool (if ITLANG = 1) / Pet (if ITLANG = 53)
UAE, Dubai	SQG-05J	D	Luxury watch (e.g., Rolex, Chopard, or Cartier)
UAE, Dubai	SQG-05K	D	Luxury car (e.g., Bentley, Rolls-Royce, or Maserati)
United Arab Emirates	SQG-05H	D	Smartphone

United Arab Emirates	SQG-05I	D	Swimming pool (if ITLANG = 1) / Pet (if ITLANG = 53)
United Arab Emirates	SQG-05J	D	Luxury watch (e.g., Rolex, Chopard, or Cartier)
United Arab Emirates	SQG-05K	D	Luxury car (e.g., Bentley, Rolls-Royce, or Maserati)
United States	SQG-05H	D	VCR, DVD, or Blu-ray player
United States	SQG-05I-K	X	Option not administered or data not available
USA, Florida	SQG-05H	D	VCR, DVD, or Blu-ray player
USA, Florida	SQG-05I-K	X	Option not administered or data not available

SQG-06A

Question:

Was your mother (or stepmother or female guardian) born in <country>?

1 = Yes

2 = No

3 = I don't know

Variable Name(s): ASBG06A

Country	Item ID	Code	Documentation
Netherlands	SQG-06A	D	National options recoded for international comparability: 1 = The Netherlands 2 = Suriname / Turkey or Morocco / Belgium, Germany, France or England / Other country 3 = I don't know
Poland	SQG-06A	X	Question not administered or data not available
United States	SQG-06A	D	Stem of the question changed: Was your mother (or stepmother or female legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)
USA, Florida	SQG-06A	D	Stem of the question changed: Was your mother (or stepmother or female legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)

SQG-06B

Question:

Was your father (or stepfather or male guardian) born in <country>?

1 = Yes

2 = No

3 = I don't know

Variable Name(s): ASBG06B

Country	Item ID	Code	Documentation
Netherlands	SQG-06B	D	National options recoded for international comparability: 1 = The Netherlands 2 = Suriname / Turkey or Morocco / Belgium, Germany, France or England / Other country 3 = I don't know
Poland	SQG-06B	X	Question not administered or data not available
United States	SQG-06B	D	Stem of the question changed: Was your father (or stepfather or male legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)
USA, Florida	SQG-06B	D	Stem of the question changed: Was your father (or stepfather or male legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)

SQG-07

Question:

Were you born in <country>?

1 = Yes

2 = No

Variable Name(s): ASBG07

Country	Item ID	Code	Documentation
Poland	SQG-07	X	Question not administered or data not available

SQG-08

Question:

About how often are you absent from school?

1 = Once a week or more

2 = Once every two weeks

3 = Once a month

4 = Never or almost never

Variable Name(s): ASBG08

Country	Item ID	Code	Documentation
New Zealand	SQG-08	X	Question not administered or data not available

SQG-11A-G

Question:

What do you think about your school? Tell how much you agree with these statements.

- A: I like being in school
- B: I feel safe when I am at school
- C: I feel like I belong at this school
- D: I like to see my classmates at school
- E: Teachers at my school are fair to me
- F: I am proud to go to this school
- G: I learn a lot in school

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

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

Country	Item ID	Code	Documentation
Indonesia	SQG-11D	D	I'm happy to meet my friends at school

SQMS-01A-I

Question:

How much do you agree with these statements about learning mathematics?

- A: I enjoy learning mathematics
- B: I wish I did not have to study mathematics
- C: Mathematics is boring
- D: I learn many interesting things in mathematics
- E: I like mathematics
- F: I like any schoolwork that involves numbers
- G: I like to solve mathematics problems
- H: I look forward to mathematics lessons
- I: Mathematics is one of my favorite subjects

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

Variable Name(s): ASBM01A, ASBM01B, ASBM01C, ASBM01D, ASBM01E, ASBM01F, ASBM01G, ASBM01H, ASBM01I

Country	Item ID	Code	Documentation
Croatia	SQMS-01G	D	I like to solve tasks with words
Serbia	SQMS-01A-I	D	Nationally defined categories: 1 = I agree completely 2 = I agree more than I disagree 3 = I disagree more than I agree 4 = I disagree completely

SQMS-04A-I

Question:

How much do you agree with these statements about learning science?

- A: I enjoy learning science
- B: I wish I did not have to study science
- C: Science is boring
- D: I learn many interesting things in science
- E: I like science
- F: I look forward to learning science in school
- G: Science teaches me how things in the world work
- H: I like to do science experiments
- I: Science is one of my favorite subjects

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

Variable Name(s): ASBS04A, ASBS04B, ASBS04C, ASBS04D, ASBS04E, ASBS04F, ASBS04G, ASBS04H, ASBS04I

Country	Item ID	Code	Documentation
Serbia	SQMS-04A-I	D	Nationally defined categories: 1 = I agree completely 2 = I agree more than I disagree 3 = I disagree more than I agree 4 = I disagree completely

TIMSS
2015

SECTION 2:
FOURTH GRADE -
HOME QUESTIONNAIRE
(EARLY LEARNING SURVEY)

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

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International Study Center
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HQ-01A-C

Question:

This survey was completed by:

A: Mother, stepmother, or female guardian

B: Father, stepfather, or male guardian

C: Other

1 = Yes

2 = No

Variable Name(s): ASBH01A, ASBH01B, ASBH01C

Country	Item ID	Code	Documentation
South Africa	HQ-01A	D	Mother or stepmother / Grandmother / Sister / Female guardian
South Africa	HQ-01B	D	Father or stepfather / Grandfather / Brother / Male guardian

HQ-02A-P

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

1 = Often

2 = Sometimes

3 = Never or almost never

Variable Name(s): ASBH02A, ASBH02B, ASBH02C, ASBH02D, ASBH02E, ASBH02F, ASBH02G, ASBH02H, ASBH02I, ASBH02J, ASBH02K, ASBH02L, ASBH02M, ASBH02N, ASBH02O, ASBH02P

Country	Item ID	Code	Documentation
Ireland	HQ-02A-P	D	Stem of the question changed: Before your child started First class, how often did you or someone else in your home do the following activities with him or her?

HQ-04A-F

Question:

What language did your child speak before he/she began school?

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): ASBH04A, ASBH04B, ASBH04C, ASBH04D, ASBH04E, ASBH04F

Country	Item ID	Code	Documentation
ARG, Buenos Aires	HQ-04B	D	English
ARG, Buenos Aires	HQ-04C	D	Portuguese
ARG, Buenos Aires	HQ-04D	D	Guarani
ARG, Buenos Aires	HQ-04E	D	Chinese
Australia	HQ-04B	D	Italian
Australia	HQ-04C	D	Greek
Australia	HQ-04D	D	Cantonese
Australia	HQ-04E	D	Arabic
Australia	HQ-04F	D	Mandarin / Other
Bahrain	HQ-04B	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Bahrain	HQ-04C	D	Persian
Bahrain	HQ-04D	D	Indian
Bahrain	HQ-04E	D	Pakistani
Belgium, Flemish	HQ-04B	D	French
Belgium, Flemish	HQ-04C	D	Turkish
Belgium, Flemish	HQ-04D	D	Arabic
Belgium, Flemish	HQ-04E	D	Moroccan
Belgium, Flemish	HQ-04F	D	Kurdish / Berbers / English / Polish / Romanian / Bulgarian / Other
Bulgaria	HQ-04B	D	Turkish language
Bulgaria	HQ-04C	D	Romani language
Bulgaria	HQ-04D-E	X	Option not administered or data not available
CAN, Ontario	HQ-04B	D	English (if ITLANG = 3) / French (if ITLANG = 1)
CAN, Ontario	HQ-04C-E	X	Option not administered or data not available
CAN, Quebec	HQ-04B	D	English (if ITLANG = 3) / French (if ITLANG = 1)
CAN, Quebec	HQ-04C-E	X	Option not administered or data not available

Canada	HQ-04B	D	English (if ITLANG = 3) / French (if ITLANG = 1)
Canada	HQ-04C-E	X	Option not administered or data not available
Chile	HQ-04B-E	X	Option not administered or data not available
Chinese Taipei	HQ-04B	D	Taiwanese language (Fukien)
Chinese Taipei	HQ-04C	D	Hakka
Chinese Taipei	HQ-04D	D	Aboriginal language
Chinese Taipei	HQ-04E	D	English or American English
Croatia	HQ-04B	D	Croatian (if ITLANG = 37) / Serbian (if ITLANG = 56)
Croatia	HQ-04C	D	Italian
Croatia	HQ-04D	D	Hungarian
Croatia	HQ-04E	D	Czech
Cyprus	HQ-04B	D	English
Cyprus	HQ-04C	D	Russian
Cyprus	HQ-04D	D	Bulgarian
Cyprus	HQ-04E	D	Romanian
Czech Republic	HQ-04B	D	Slovak
Czech Republic	HQ-04C	D	Romani
Czech Republic	HQ-04D	D	Russian
Czech Republic	HQ-04E	D	Ukraine
Czech Republic	HQ-04F	D	Vietnamese / Chinese / Other
Denmark	HQ-04B	D	Turkish
Denmark	HQ-04C	D	Arabic
Denmark	HQ-04D	D	Serbo-Croatian/Bosnian
Denmark	HQ-04E	D	Punjabi
Finland	HQ-04B	D	Finnish (if ITLANG = 32) / Swedish (if ITLANG = 43)
Finland	HQ-04C	D	Sami
Finland	HQ-04D	D	Romany
Finland	HQ-04E	D	Russian
France	HQ-04B	D	Arabic
France	HQ-04C	D	An African language
France	HQ-04D	D	Portuguese
France	HQ-04E	D	Turkish
Georgia	HQ-04B	D	Russian
Georgia	HQ-04C	D	Armenian
Georgia	HQ-04D	D	Azeri

Georgia	HQ-04E	D	English
Germany	HQ-04B	D	Turkish
Germany	HQ-04C	D	Italian
Germany	HQ-04D	D	Russian
Germany	HQ-04E	D	Polish
Germany	HQ-04F	D	Other / Bosnian / Serbian / Greek / Another European language / Another African language / Another Arabic language / Another Asian language
Hong Kong SAR	HQ-04B	D	Cantonese (if ITLANG = 1) / English (if ITLANG = 10)
Hong Kong SAR	HQ-04C	D	Putonghua (Mandarin)
Hong Kong SAR	HQ-04D	D	Other Chinese dialects (e.g., Chiuchow dialect, Hokkien dialect, etc.)
Hong Kong SAR	HQ-04E	D	Other Asian languages (e.g., Indian, Indonesian, Thai, etc.)
Hungary	HQ-04B-E	X	Option not administered or data not available
Indonesia	HQ-04B	D	Traditional language
Indonesia	HQ-04C	D	Foreign language
Indonesia	HQ-04D-E	X	Option not administered or data not available
Iran, Islamic Rep. of	HQ-04B	D	Turkish
Iran, Islamic Rep. of	HQ-04C	D	Kurdish
Iran, Islamic Rep. of	HQ-04D	D	Arabic
Iran, Islamic Rep. of	HQ-04E	D	Balouchi
Ireland	HQ-04B	D	Irish (if ITLANG = 1) / English (if ITLANG = 41)
Ireland	HQ-04C	D	Polish
Ireland	HQ-04D	D	Romanian
Ireland	HQ-04E	D	French
Italy	HQ-04B	D	Another language officially recognized in Italy (e.g., Ladino in Alto Adige, French in Val d'Aosta)
Italy	HQ-04C	D	A dialect
Italy	HQ-04D	D	Another language of the European Union
Italy	HQ-04E	D	Another language (e.g., Albanian, Arab, Chinese), etc.
Italy	HQ-04F	X	Option not administered or data not available
Japan	HQ-04B	D	English
Japan	HQ-04C	D	Chinese
Japan	HQ-04D	D	Korean
Japan	HQ-04E	D	Portuguese
Jordan	HQ-04B	D	English
Jordan	HQ-04C	D	Romanian
Jordan	HQ-04D	D	German

Jordan	HQ-04E	D	Russian
Kazakhstan	HQ-04A	D	Russian (if ITLANG = 29) / Kazakh (if ITLANG = 39)
Kazakhstan	HQ-04B	D	Kazakh (if ITLANG = 29) / Russian (if ITLANG = 39)
Kazakhstan	HQ-04C-E	X	Option not administered or data not available
Korea, Rep. of	HQ-04B	D	Vietnamese
Korea, Rep. of	HQ-04C	D	English
Korea, Rep. of	HQ-04D	D	Japanese
Korea, Rep. of	HQ-04E	D	Chinese
Korea, Rep. of	HQ-04F	D	Khmer (Cambodia) / Tagalog (Filipino) / Thai / Other language
Kuwait	HQ-04B	D	English (if ITLANG = 53) / Arabic (if ITLANG = 1)
Kuwait	HQ-04C	D	Kuwaiti Dialect
Kuwait	HQ-04D	D	GCC Dialect(s)
Kuwait	HQ-04E	D	Other Arabic Dialect(s)
Lithuania	HQ-04A	D	Lithuanian (if ITLANG = 22) / Polish (if ITLANG = 27) / Russian (if ITLANG = 29)
Lithuania	HQ-04B	D	Lithuanian
Lithuania	HQ-04C	D	Russian
Lithuania	HQ-04D	D	Polish
Morocco	HQ-04B	D	Amazigh language
Morocco	HQ-04C	D	French
Morocco	HQ-04D	D	Spanish
Morocco	HQ-04E	D	English
Netherlands	HQ-04B	D	Turkish
Netherlands	HQ-04C	D	Moroccan
Netherlands	HQ-04D	D	Surinamese
Netherlands	HQ-04E	D	German
Netherlands	HQ-04F	D	English / Other
New Zealand	HQ-04B	D	Māori
New Zealand	HQ-04C	D	A Pacific Islands language (e.g., Samoan, Tongan, Niuean)
New Zealand	HQ-04D	D	An Asian language (e.g., Mandarin, Korean, Hindi)
New Zealand	HQ-04E	D	New Zealand Sign Language
New Zealand	HQ-04F	D	Another language (e.g., Afrikaans, Somali)
Northern Ireland	HQ-04B	D	Irish
Northern Ireland	HQ-04C	D	Polish
Northern Ireland	HQ-04D	D	Lithuanian

Northern Ireland	HQ-04E	D	Portuguese
Northern Ireland	HQ-04F	D	Chinese / Other
Norway	HQ-04A	D	Norwegian
Norway	HQ-04B	D	Sami
Norway	HQ-04C	D	Swedish or Danish
Norway	HQ-04D	D	Urdu
Norway	HQ-04E	D	Polish
Norway (Grade 4)	HQ-04B	D	Sami
Norway (Grade 4)	HQ-04C	D	Swedish or Danish
Norway (Grade 4)	HQ-04D	D	Urdu
Norway (Grade 4)	HQ-04E	D	Polish
Oman	HQ-04B	D	Arabic
Oman	HQ-04C	D	Swahili
Oman	HQ-04D	D	Balochi
Oman	HQ-04E	D	Laotian
Poland	HQ-04B	D	German
Poland	HQ-04C	D	Ukrainian
Poland	HQ-04D	D	Belarussian
Poland	HQ-04E	X	Option not administered or data not available
Portugal	HQ-04B	D	Creole
Portugal	HQ-04C	D	Ukrainian
Portugal	HQ-04D	D	Chinese
Portugal	HQ-04E	D	English
Qatar	HQ-04B	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Qatar	HQ-04C	D	Persian
Qatar	HQ-04D	D	Balochi
Qatar	HQ-04E	D	Swahili
Russian Federation	HQ-04B-E	X	Option not administered or data not available
Saudi Arabia	HQ-04B	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Saudi Arabia	HQ-04C	D	French
Saudi Arabia	HQ-04D	D	Urdu
Saudi Arabia	HQ-04E	D	Local dialect
Serbia	HQ-04B	D	Hungarian
Serbia	HQ-04C	D	Romani
Serbia	HQ-04D	D	Slovakian

Serbia	HQ-04E	D	Romanian
Singapore	HQ-04B	D	Mandarin
Singapore	HQ-04C	D	Malay
Singapore	HQ-04D	D	Tamil
Singapore	HQ-04E	D	A Chinese dialect
Slovak Republic	HQ-04B	D	Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30)
Slovak Republic	HQ-04C	D	Roma language
Slovak Republic	HQ-04D	D	Czech
Slovak Republic	HQ-04E	D	Ruthenian language
Slovenia	HQ-04B	D	Hungarian
Slovenia	HQ-04C	D	Italian
Slovenia	HQ-04D	D	Croatian or Bosnian or Serbian
Slovenia	HQ-04E	D	Roma
South Africa	HQ-04B	D	Afrikaans
South Africa	HQ-04C	D	IsiNdebele
South Africa	HQ-04D	D	Sepedi
South Africa	HQ-04E	D	Sesotho
South Africa	HQ-04F	D	Seswati / Setswana / Tshivenda / IsiXhosa / IsiZulu / Xitsonga / Other
Spain	HQ-04B	D	Catalan (if ITLANG = 2, 51, or 52) / Spanish (if ITLANG = 49)
Spain	HQ-04C	D	Galician
Spain	HQ-04D	D	Valencian (if ITLANG = 2, 49, or 51) / Spanish (if ITLANG = 52)
Spain	HQ-04E	D	Basque (if ITLANG = 2, 49, or 52) / Spanish (if ITLANG = 51)
Sweden	HQ-04B-E	X	Option not administered or data not available
Turkey	HQ-04B-E	X	Option not administered or data not available
UAE, Abu Dhabi	HQ-04B	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
UAE, Abu Dhabi	HQ-04C	D	Persian
UAE, Abu Dhabi	HQ-04D	D	Urdu
UAE, Abu Dhabi	HQ-04E	D	Tagalog
UAE, Dubai	HQ-04B	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
UAE, Dubai	HQ-04C	D	Persian
UAE, Dubai	HQ-04D	D	Urdu
UAE, Dubai	HQ-04E	D	Tagalog
United Arab Emirates	HQ-04B	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
United Arab Emirates	HQ-04C	D	Persian
United Arab Emirates	HQ-04D	D	Urdu

United Arab Emirates HQ-04E D Tagalog

HQ-05AA-AB

Question:

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

A: <Early childhood educational development—ISCED Level 0> program for children under 3

B: <Pre-primary education—ISCED Level 0> program including <Kindergarten> for children age 3 or older

1 = Yes

2 = No

Variable Name(s): ASBH05AA, ASBH05AB

Country	Item ID	Code	Documentation
ARG, Buenos Aires	HQ-05AA	D	Day care for children up to three years old
ARG, Buenos Aires	HQ-05AB	D	Kindergarten for children aged more than three but still not in primary education age
Australia	HQ-05AA	D	An early childhood education program for children under 3 (may be provided in regular childcare centers)
Australia	HQ-05AB	D	A pre-primary education program for children aged 3 or older, such as kindergarten or preschool (also available in some childcare centers)
Bahrain	HQ-05AA	D	Early childhood educational development - Nursery program for children under 3
Bahrain	HQ-05AB	D	Pre-primary education - kindergarten program for children age 3 or older
Belgium, Flemish	HQ-05AA	D	Child daycare (e.g., childminder, nursery)
Belgium, Flemish	HQ-05AB	D	Kindergarten
Bulgaria	HQ-05AA	D	Crèche
Bulgaria	HQ-05AB	D	Kindergarten or pre-primary group
CAN, Ontario	HQ-05AA	D	Early childhood education program for children under 3
CAN, Ontario	HQ-05AB	D	Pre-primary education program including kindergarten for children age 3 or older
CAN, Quebec	HQ-05AA	D	Early childhood education program for children under 3
CAN, Quebec	HQ-05AB	D	Pre-primary education program including kindergarten for children age 3 or older
Canada	HQ-05AA	D	Early childhood education program for children under 3
Canada	HQ-05AB	D	Pre-primary education program including kindergarten for children age 3 or older
Chile	HQ-05AA	D	Preschool education for children under 3 years
Chile	HQ-05AB	D	Pre-primary education for children age 3 or older (including pre-kindergarten and kindergarten)
Chinese Taipei	HQ-05AA	D	Kindergarten or nursery for children under 3
Chinese Taipei	HQ-05AA-AB	D	Stem of the question changed: Did your child attend kindergarten or nursery?

Chinese Taipei	HQ-05AB	D	Kindergarten or nursery for children age 3 or older
Croatia	HQ-05AA	D	Day nursery
Croatia	HQ-05AA-AB	D	Stem of the question changed: Did your child attend the following educational institutions before first grade?
Croatia	HQ-05AB	D	Kindergarten
Cyprus	HQ-05AA	D	Preschool education program for children under three years
Cyprus	HQ-05AB	D	Preschool education program (including kindergarten) for children 3 years or older
Czech Republic	HQ-05AA	D	Nursery program for children under 3
Czech Republic	HQ-05AB	D	Kindergarten or other form of pre-primary education for children age 3 or older
Denmark	HQ-05AA	D	Nursery
Denmark	HQ-05AA-AB	D	Stem of the question changed: Did your child attend early childhood educational development or kindergarten before pre school?
Denmark	HQ-05AB	D	Pre-primary education - kindergarten
Finland	HQ-05AA	D	Kindergarten center for children under 3 years of age
Finland	HQ-05AA-AB	D	Stem of the question changed: Did your child attend kindergarten or go to pre-primary education before starting first grade in primary school?
Finland	HQ-05AB	D	Pre-primary education for children 3 years of age or older
France	HQ-05AA	D	An early childhood education facility for children under 3 years (including kindergarten to 2 years)
France	HQ-05AB	D	Kindergarten for children 3 years old or more
Georgia	HQ-05AA	D	Kindergarten for children below the age of 3
Georgia	HQ-05AB	D	Kindergarten for children of age 3 or higher
Germany	HQ-05AA	D	Early childhood education for under 3 years old
Germany	HQ-05AB	D	Preschool education including nursery and preschool for children starting at 3 years old
Hong Kong SAR	HQ-05AA	D	Early childhood educational development program (e.g., pre-school, nursery, etc.) for children under 3
Hong Kong SAR	HQ-05AB	D	Pre-primary education program, including kindergarten, for children age 3 or older
Hungary	HQ-05AA	D	Crèche
Hungary	HQ-05AB	D	Kindergarten
Indonesia	HQ-05AA	D	Early childhood educational development or program for children under 3
Indonesia	HQ-05AB	D	Pre-primary education or program for children age 3 or older
Iran, Islamic Rep. of	HQ-05AA	D	Kindergarten under 3 years
Iran, Islamic Rep. of	HQ-05AB	D	Pre-school ages 3 or older
Ireland	HQ-05AA	D	Formal educational program for children under 3

Ireland	HQ-05AA-AB	D	Stem of the question changed: Did your child attend the following before First class?
Ireland	HQ-05AB	D	Formal educational program for children age 3 or older (e.g., Junior and Senior Infants, Montessori, Naoínra, Early Start, Kindergarten)
Italy	HQ-05AA	D	Nursery (children's program under the age of 3 years)
Italy	HQ-05AB	D	Pre-primary school program including kindergarten for children age 3 or older
Japan	HQ-05AA	X	Question not administered or data not available
Japan	HQ-05AB	X	Question not administered or data not available
Kazakhstan	HQ-05AA	D	Early childhood care and education by kindergarten for children under 3
Kazakhstan	HQ-05AA-AB	D	Stem of the question changed: Did your child attend the following preschool education organizations before first grade?
Kazakhstan	HQ-05AB	D	Preschool education by kindergarten program for children aged 3 or older
Korea, Rep. of	HQ-05AA	D	Educational institute for children under 3
Korea, Rep. of	HQ-05AB	D	Educational institute for children age 3 or older
Kuwait	HQ-05AA	D	Early childhood care center program for children under 3
Kuwait	HQ-05AB	D	Kindergarten program for children age 3 or older
Lithuania	HQ-05AA	D	Institution that provides pre-primary education for children under 3 (e.g., attended the nursery - kindergarten)
Lithuania	HQ-05AB	D	Institution that provides pre-primary education for children age 3 or older (e.g., attended the kindergarten) / Institution that provides pre-primary education (i.e. attended preliminary class)
Morocco	HQ-05AA	D	Early children educational development program for children under 3
Morocco	HQ-05AB	D	Pre-primary school program for children age 3 or older
Netherlands	HQ-05AA	X	Option not administered or data not available
Netherlands	HQ-05AB	D	Stem of the question changed: Did your child attend kindergarten before first grade?
New Zealand	HQ-05AA	D	Early childhood education (ECE), excluding playgroups, for children under 3
New Zealand	HQ-05AB	D	Early childhood education (ECE), excluding playgroups, for children age 3 or older
Northern Ireland	HQ-05AA	D	Early childhood setting for children under 3 (e.g., a registered child minder)
Northern Ireland	HQ-05AB	D	Pre-primary education setting for children before Year 1 (e.g., Nursery before Year 1)
Norway	HQ-05AA	D	Before the child was 3 years old
Norway	HQ-05AA-AB	D	Stem of the question changed: Did your child go to kindergarten?
Norway	HQ-05AB	D	When the child was between 3 and 6 years old
Norway (Grade 4)	HQ-05AA	D	Before the child was 3 years old
Norway (Grade 4)	HQ-05AA-AB	D	Stem of the question changed: Did your child go to kindergarten?
Norway (Grade 4)	HQ-05AB	D	When the child was between 3 and 6 years old

Oman	HQ-05AA	D	Early childhood educational development program for children under 3
Oman	HQ-05AB	D	Pre-primary education program including kindergarten for children age 3 or older
Poland	HQ-05AA	D	Stem of the question changed: Did your child attend day care center, and how long?
Poland	HQ-05AB	D	Stem of the question changed: Did your child attend kindergarten, and how long?
Portugal	HQ-05AA	D	Nursery program for children under 3
Portugal	HQ-05AA-AB	D	Stem of the question changed: Did your child attend the following care/childhood educations arrangements?
Portugal	HQ-05AB	D	Pre-primary education program for children age 3 or older
Qatar	HQ-05AA	D	Program for children under 3
Qatar	HQ-05AB	D	Kindergarten for children age 3 or older
Russian Federation	HQ-05AA	D	Early childhood educational development program for children under 3
Russian Federation	HQ-05AA-AB	D	Stem of the question changed: Did your child attend any educational institution that implemented the following programs of development before entering in the school?
Russian Federation	HQ-05AB	D	Early childhood educational development program for children older than 3
Saudi Arabia	HQ-05AA	D	Early childhood educational development program for children under 3
Saudi Arabia	HQ-05AB	D	Pre-primary education program including kindergarten for children age 3 or older
Serbia	HQ-05AA	D	Pre-school program for children younger than 3 years
Serbia	HQ-05AB	D	Pre-school program including kindergarten for children age 3 or older
Singapore	HQ-05AA	D	Infant care program for children under 3
Singapore	HQ-05AB	D	Pre-school program including nursery and kindergarten for children age 3 or older
Slovak Republic	HQ-05AA	D	A crèche facility for children under 3 years
Slovak Republic	HQ-05AB	D	A preschool facility for children age 3 or older - kindergarten
Slovenia	HQ-05AA	D	Program for children younger than 3 years
Slovenia	HQ-05AB	D	Program for children 3 years or older
South Africa	HQ-05AA	D	Preschool education for children under 3
South Africa	HQ-05AB	D	Pre-primary education including Grade RR for children age 3 or older
Spain	HQ-05AA	D	Infant education, educational programmes for children under 3
Spain	HQ-05AB	D	Infant education for children age 3 or older, including kindergarten
Sweden	HQ-05AA	D	Preschool for children under 3
Sweden	HQ-05AB	D	Preschool for children 3 or older
Turkey	HQ-05AA	D	Early childhood education institutions for children under 3 (e.g., housing, day care or nursing home)
Turkey	HQ-05AB	D	Pre-school educational institutions (e.g., kindergarten) for children age 3 and older

UAE, Abu Dhabi	HQ-05AA	D	Nursery program for children under 3
UAE, Abu Dhabi	HQ-05AB	D	Pre-primary program including kindergarten for children age 3 or older
UAE, Dubai	HQ-05AA	D	Nursery program for children under 3
UAE, Dubai	HQ-05AB	D	Pre-primary program including kindergarten for children age 3 or older
United Arab Emirates	HQ-05AA	D	Nursery program for children under 3
United Arab Emirates	HQ-05AB	D	Pre-primary program including kindergarten for children age 3 or older

HQ-05B

Question:

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

- 1 = Did not attend
- 2 = Less than 1 year
- 3 = 1 year
- 4 = 2 years
- 5 = 3 years
- 6 = 4 years or more

Variable Name(s): ASBH05B

Country	Item ID	Code	Documentation
Japan	HQ-05B	X	Question not administered or data not available
Netherlands	HQ-05B	D	Stem of the question changed: Approximately, how long was your child in kindergarten altogether? National options recoded for international comparability: 1 = Option not administered or data not available 2 = Shorter than 1 year 3 = 1 year to 1.5 years / 1.5 years to 2 years 4 = 2 years to 2.5 years / 2.5 years to 3 years 5 = 3 years to 3.5 years / 3.5 years to 4 years 6 = 4 years or longer

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
Georgia	HQ-06	D	Stem of the question changed: How old was your child when he/she entered school?
Germany	HQ-06	D	Stem of the question changed: How old was your child when he/she came to primary school?

Ireland	HQ-06	D	Stem of the question changed: How old was your child when he/she started First class?
Northern Ireland	HQ-06	X	Question not administered or data not available
Norway	HQ-06	D	Stem of the question changed: How old was your child when he/she started school?
Norway (Grade 4)	HQ-06	D	Stem of the question changed: How old was your child when he/she started school?
Russian Federation	HQ-06	D	Stem of the question changed: How old was your child when your child entered the school?
Singapore	HQ-06	D	Stem of the question changed: How old was your child when he/she began Primary 1?

HQ-07A-F

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 some words

- 1 = Very well
- 2 = Moderately well
- 3 = Not very well
- 4 = Not at all

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

Country	Item ID	Code	Documentation
Bulgaria	HQ-07D	D	Read connected text
Chinese Taipei	HQ-07E	D	Write letters of the phonetic symbols
Georgia	HQ-07A-F	D	Stem of the question changed: How well could your child do the following by the time he/she entered school?
Germany	HQ-07A-F	D	Stem of the question changed: How good could your child do the following things when he/she first came to primary school?
Ireland	HQ-07A-F	D	Stem of the question changed: How well could your child do the following when he/she began First class?
Japan	HQ-07A	D	Recognize most of the kana letters
Japan	HQ-07A	D	Write kana letters
Norway	HQ-07A-F	D	Stem of the question changed: How well could your child do the following when he/she started school?
Norway (Grade 4)	HQ-07A-F	D	Stem of the question changed: How well could your child do the following when he/she started school?
Northern Ireland	HQ-07A-F	X	Question not administered or data not available

Russian Federation	HQ-07A-F	D	Stem of the question changed: How well could your child do the following when he/she entered the school?
Singapore	HQ-07A-F	D	Stem of the question changed: How well could your child do the following when he/she began Primary 1?

HQ-08A-C

Question:

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

- A: Count by himself/herself
- B: Recognize written numbers
- C: Write numbers

- 1 = Not at all
- 2 = Up to 10
- 3 = Up to 20
- 4 = Up to 100 or higher

Variable Name(s): ASBH08A, ASBH08B, ASBH08C

Country	Item ID	Code	Documentation
Georgia	HQ-08A-C	D	Stem of the question changed: Could your child do the following by the time she/he entered school?
Germany	HQ-08A-C	D	Stem of the question changed: Could your child do the following things when he or she came to school?
Ireland	HQ-08A-C	D	Stem of the question changed: How well could your child do the following when he/she began First class?
Northern Ireland	HQ-08A-C	X	Question not administered or data not available
Norway	HQ-08A-C	D	Stem of the question changed: Could your child do the following when he/she started school?
Norway (Grade 4)	HQ-08A-C	D	Stem of the question changed: Could your child do the following when he/she started school?
Russian Federation	HQ-08A-C	D	Stem of the question changed: Could your child do the following when he/she entered the school?
Singapore	HQ-08A-C	D	Stem of the question changed: Could your child do the following when he/she began Primary 1?

HQ-08D-G

Question:

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

D: Do simple addition

E: Do simple subtraction

F: Count money

G: Measure lengths or heights

1 = Yes

2 = No

Variable Name(s): ASBH08D, ASBH08E, ASBH08F, ASBH08G

Country	Item ID	Code	Documentation
Georgia	HQ-08D-G	D	Stem of the question changed: Could your child do the following by the time she/he entered school?
Germany	HQ-08D-G	D	Stem of the question changed: Could your child do the following things when he or she came to school?
Ireland	HQ-08D-G	D	Stem of the question changed: How well could your child do the following when he/she began First class?
Northern Ireland	HQ-08D-G	X	Question not administered or data not available
Norway	HQ-08D-G	D	Stem of the question changed: Could your child do the following when he/she started school?
Norway (Grade 4)	HQ-08D-G	D	Stem of the question changed: Could your child do the following when he/she started school?
Russian Federation	HQ-08D-G	D	Stem of the question changed: Could your child do the following when he/she entered the school?
Singapore	HQ-08D-G	D	Stem of the question changed: Could your child do the following when he/she began Primary 1?

HQ-10AA-AB

Question:

During the last 12 months, has your child attended extra lessons or tutoring not provided by the school in the following subjects?

A: Mathematics

B: Science

1 = Yes, to excel in class

2 = Yes, to keep up in class

3 = No

Variable Name(s): ASBH10AA, ASBH10AB

Country	Item ID	Code	Documentation
Serbia	HQ-10AB	D	Nature and Society

HQ-10BA-BB

Question:

For how many of the last 12 months has your child attended extra lessons or tutoring?

A: Mathematics

B: Science

1 = Did not attend

2 = Less than 4 months

3 = 4-8 months

4 = More than 8 months

Variable Name(s): ASBH10BA, ASBH10BB

Country	Item ID	Code	Documentation
Serbia	HQ-10BB	D	Nature and Society

HQ-11A-H

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

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

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

1 = Agree a lot

2 = Agree a little

3 = Disagree a little

4 = Disagree a lot

Variable Name(s): ASBH11A, ASBH11B, ASBH11C, ASBH11D, ASBH11E, ASBH11F, ASBH11G, ASBH11H

Country	Item ID	Code	Documentation
Russian Federation	HQ-11H	D	My child's school does a good job in helping him/her become better at understanding the "environment around us"
Serbia	HQ-11A-H	D	Nationally defined categories: 1 = I agree completely 2 = I agree more than I disagree 3 = I disagree more than I agree 4 = I disagree completely

HQ-16A-H

Question:

How much do you agree with these statements about mathematics and science?

A: Most occupations need skills in math, science, or technology

B: Science and technology can help solve the world's problems

C: Science explains how things in the world work

D: My child needs mathematics to get ahead in the world

E: Learning science is for everyone

F: Technology makes life easier

G: Mathematics is applicable to real life

H: Engineering is necessary to design things that are safe and useful

1 = Agree a lot

2 = Agree a little

3 = Disagree a little

4 = Disagree a lot

Variable Name(s): ASBH16A, ASBH16B, ASBH16C, ASBH16D, ASBH16E, ASBH16F, ASBH16G, ASBH16H

Country	Item ID	Code	Documentation
Serbia	HQ-16A-H	D	Nationally defined categories: 1 = I agree completely 2 = I agree more than I disagree 3 = I disagree more than I agree 4 = I disagree completely

HQ-17A

Question:

Was the child's father (or stepfather or male guardian) born in <country>?

1 = Yes

2 = No

Variable Name(s): ASBH17A

Country	Item ID	Code	Documentation
Germany	HQ-17A	D	National options recoded for international comparability: 1 = Germany 2 = Turkey / Greece / Italy / Bosnia Herzegovina / Croatia / Macedonia / Serbia / Slovenia / Poland / Iran / Iraq / Syria / Kosovo / Albania / Russia / Another Country
Netherlands	HQ-17A	X	Question not administered or data not available

HQ-17B

Question:

Was the child's mother (or stepmother or female guardian) born in <country>?

1 = Yes

2 = No

Variable Name(s): ASBH17B

Country	Item ID	Code	Documentation
Germany	HQ-17B	D	National options recoded for international comparability: 1 = Germany 2 = Turkey / Greece / Italy / Bosnia Herzegovina / Croatia / Macedonia / Serbia / Slovenia / Poland / Iran / Iraq / Syria / Kosovo / Albania / Russia / Another Country
Netherlands	HQ-17B	X	Question not administered or data not available

HQ-18AA-AG

Question:

When talking at home with your child, what language does the child's father (or stepfather or male guardian) use?

A: <language of test>

B: <country-specific>

C: <country-specific>

D: <country-specific>

E: <country-specific>

F: Other

G: Not applicable

Variable Name(s): ASBH18AA, ASBH18BA, ASBH18CA, ASBH18DA, ASBH18EA, ASBH18FA, ASBH18GA

Country	Item ID	Code	Documentation
ARG, Buenos Aires	HQ-18BA	D	English
ARG, Buenos Aires	HQ-18CA	D	Portuguese
ARG, Buenos Aires	HQ-18DA	D	Guarani
ARG, Buenos Aires	HQ-18EA	D	Chinese
Australia	HQ-18BA	D	Italian
Australia	HQ-18CA	D	Greek
Australia	HQ-18DA	D	Cantonese
Australia	HQ-18EA	D	Arabic
Australia	HQ-18FA	D	Mandarin / Other
Bahrain	HQ-18BA	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Bahrain	HQ-18CA	D	Persian
Bahrain	HQ-18DA	D	Indian
Bahrain	HQ-18EA	D	Pakistani
Belgium, Flemish	HQ-18BA	D	French

Belgium, Flemish	HQ-18CA	D	Turkish
Belgium, Flemish	HQ-18DA	D	Arabic
Belgium, Flemish	HQ-18EA	D	Moroccan
Belgium, Flemish	HQ-18FA	D	Kurdish / Berbers / English / Polish / Romanian / Bulgarian / Other
Bulgaria	HQ-18BA	D	Turkish language
Bulgaria	HQ-18CA	D	Romani language
Bulgaria	HQ-18DA-EA	X	Option not administered or data not available
CAN, Ontario	HQ-18BA	D	English (if ITLANG = 3) / French (if ITLANG = 1)
CAN, Ontario	HQ-18CA-EA	X	Option not administered or data not available
CAN, Quebec	HQ-18BA	D	English (if ITLANG = 3) / French (if ITLANG = 1)
CAN, Quebec	HQ-18CA-EA	X	Option not administered or data not available
Canada	HQ-18BA	D	English (if ITLANG = 3) / French (if ITLANG = 1)
Canada	HQ-18CA-EA	X	Option not administered or data not available
Chile	HQ-18BA-EA	X	Option not administered or data not available
Chinese Taipei	HQ-18BA	D	Taiwanese language (Fukien)
Chinese Taipei	HQ-18CA	D	Hakka
Chinese Taipei	HQ-18DA	D	Aboriginal language
Chinese Taipei	HQ-18EA	D	English or American English
Croatia	HQ-18BA	D	Croatian (if ITLANG = 37) / Serbian (if ITLANG = 56)
Croatia	HQ-18CA	D	Italian
Croatia	HQ-18DA	D	Hungarian
Croatia	HQ-18EA	D	Czech
Cyprus	HQ-18BA	D	English
Cyprus	HQ-18CA	D	Russian
Cyprus	HQ-18DA	D	Bulgarian
Cyprus	HQ-18EA	D	Romanian
Czech Republic	HQ-18BA	D	Slovak
Czech Republic	HQ-18CA	D	Romani
Czech Republic	HQ-18DA	D	Russian
Czech Republic	HQ-18EA	D	Ukraine
Czech Republic	HQ-18FA	D	Vietnamese / Chinese / Other
Denmark	HQ-18BA	D	Turkish
Denmark	HQ-18CA	D	Arabic
Denmark	HQ-18DA	D	Serbo-Croatian/Bosnian
Denmark	HQ-18EA	D	Punjabi

Finland	HQ-18BA	D	Finnish (if ITLANG = 32) / Swedish (if ITLANG = 43)
Finland	HQ-18CA	D	Sami
Finland	HQ-18DA	D	Romany
Finland	HQ-18EA	D	Russian
France	HQ-18BA	D	Arabic
France	HQ-18CA	D	Another African language
France	HQ-18DA	D	Portuguese
France	HQ-18EA	D	Turkish
Georgia	HQ-18BA	D	Russian
Georgia	HQ-18CA	D	Armenian
Georgia	HQ-18DA	D	Azeri
Georgia	HQ-18EA	D	English
Germany	HQ-18BA	D	Turkish
Germany	HQ-18CA	D	Italian
Germany	HQ-18DA	D	Russian
Germany	HQ-18EA	D	Polish
Germany	HQ-18FA	D	Other / Bosnian / Serbian / Greek / another European language / another African language / another Arabic language / another Asian language
Hong Kong SAR	HQ-18BA	D	Cantonese (if ITLANG = 1) / English (if ITLANG = 10)
Hong Kong SAR	HQ-18CA	D	Putonghua (Mandarin)
Hong Kong SAR	HQ-18DA	D	Other Chinese dialects (e.g., Chiuchow dialect, Hokkien dialect, etc.)
Hong Kong SAR	HQ-18EA	D	Other Asian languages (e.g., Indian, Indonesian, Thai, etc.)
Hungary	HQ-18BA-EA	X	Option not administered or data not available
Indonesia	HQ-18BA	D	Foreign Language
Indonesia	HQ-18CA	D	Traditional Language
Indonesia	HQ-18DA-EA	X	Option not administered or data not available
Iran, Islamic Rep. of	HQ-18BA	D	Turkish
Iran, Islamic Rep. of	HQ-18CA	D	Kurdish
Iran, Islamic Rep. of	HQ-18DA	D	Lori
Iran, Islamic Rep. of	HQ-18EA	D	Arabic
Ireland	HQ-18BA	D	Irish (if ITLANG = 1) / English (if ITLANG = 41)
Ireland	HQ-18CA	D	Polish
Ireland	HQ-18DA	D	Romanian
Ireland	HQ-18EA	D	French
Italy	HQ-18BA	D	Another language officially recognized in Italy (e.g., Ladino in Alto Adige, French in Val d'Aosta)

Italy	HQ-18CA	D	A dialect
Italy	HQ-18DA	D	Another language of the European Union
Italy	HQ-18EA	D	Another language (e.g., Albanian, Arab, Chinese) etc.
Italy	HQ-18FA	X	Option not administered or data not available
Japan	HQ-18BA	D	English
Japan	HQ-18CA	D	Chinese
Japan	HQ-18DA	D	Korean
Japan	HQ-18EA	D	Portuguese
Jordan	HQ-18BA	D	English
Jordan	HQ-18CA	D	Romanian
Jordan	HQ-18DA	D	German
Jordan	HQ-18EA	D	Russian
Kazakhstan	HQ-18BA	D	Kazakh (if ITLANG = 29) / Russian (if ITLANG = 39)
Kazakhstan	HQ-18CA-EA	X	Option not administered or data not available
Kazakhstan	HQ-18GA	X	Option not administered or data not available
Korea, Rep. of	HQ-18BA	D	Vietnamese
Korea, Rep. of	HQ-18CA	D	English
Korea, Rep. of	HQ-18DA	D	Japanese
Korea, Rep. of	HQ-18EA	D	Chinese
Korea, Rep. of	HQ-18FA	D	Khmer (Cambodia) / Tagalog (Filipino) / Thai / Other language
Kuwait	HQ-18BA	D	English (if ITLANG = 53) / Arabic (if ITLANG = 1)
Kuwait	HQ-18CA	D	Kuwaiti Dialect
Kuwait	HQ-18DA	D	GCC Dialect(s)
Kuwait	HQ-18EA	D	Other Arabic Dialect(s)
Lithuania	HQ-18AA	D	Lithuanian (if ITLANG = 22) / Polish (if ITLANG = 27) / Russian (if ITLANG = 29)
Lithuania	HQ-18BA	D	Lithuanian
Lithuania	HQ-18CA	D	Russian
Lithuania	HQ-18DA	D	Polish
Lithuania	HQ-18EA	X	Option not administered or data not available
Morocco	HQ-18BA	D	Amazigh
Morocco	HQ-18CA	D	French
Morocco	HQ-18DA	D	Spanish
Morocco	HQ-18EA	D	English
Netherlands	HQ-18BA	D	Turkish

Netherlands	HQ-18CA	D	Moroccan
Netherlands	HQ-18DA	D	Surinamese
Netherlands	HQ-18EA	D	German
Netherlands	HQ-18FA	D	English / Other
New Zealand	HQ-18BA	D	Māori
New Zealand	HQ-18CA	D	A Pacific Islands language (e.g., Samoan, Tongan, Niuean)
New Zealand	HQ-18DA	D	An Asian language (e.g., Mandarin, Korean, Hindi)
New Zealand	HQ-18EA	D	New Zealand Sign Language
New Zealand	HQ-18FA	D	Another language (e.g., Afrikaans, Somali)
Northern Ireland	HQ-18BA	D	Irish
Northern Ireland	HQ-18CA	D	Polish
Northern Ireland	HQ-18DA	D	Lithuanian
Northern Ireland	HQ-18EA	D	Portuguese
Northern Ireland	HQ-18FA	D	Chinese / Other
Norway	HQ-18BA	D	Sami
Norway	HQ-18CA	D	Swedish or Danish
Norway	HQ-18DA	D	Urdu
Norway	HQ-18EA	D	Polish
Norway (Grade 4)	HQ-18BA	D	Sami
Norway (Grade 4)	HQ-18CA	D	Swedish or Danish
Norway (Grade 4)	HQ-18DA	D	Urdu
Norway (Grade 4)	HQ-18EA	D	Polish
Oman	HQ-18BA	D	Arabic
Oman	HQ-18CA	D	Swahili
Oman	HQ-18DA	D	Balochi
Oman	HQ-18EA	D	Laotian
Poland	HQ-18BA	D	German
Poland	HQ-18CA	D	Ukrainian
Poland	HQ-18DA	D	Belarussian
Poland	HQ-18EA	X	Option not administered or data not available
Portugal	HQ-18BA	D	Creole
Portugal	HQ-18CA	D	Ukrainian
Portugal	HQ-18DA	D	Chinese
Portugal	HQ-18EA	D	English
Qatar	HQ-18BA	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)

Qatar	HQ-18CA	D	Persian
Qatar	HQ-18DA	D	Balochi
Qatar	HQ-18EA	D	Swahili
Russian Federation	HQ-18BA-EA	X	Option not administered or data not available
Russian Federation	HQ-18GA	D	It is difficult to answer
Saudi Arabia	HQ-18BA	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Saudi Arabia	HQ-18CA	D	French
Saudi Arabia	HQ-18DA	D	Urdu
Saudi Arabia	HQ-18EA	D	Local Dialect
Serbia	HQ-18BA	D	Hungarian
Serbia	HQ-18CA	D	Romani
Serbia	HQ-18DA	D	Slovakian
Serbia	HQ-18EA	D	Romanian
Singapore	HQ-18BA	D	Mandarin
Singapore	HQ-18CA	D	Malay
Singapore	HQ-18DA	D	Tamil
Singapore	HQ-18EA	D	A Chinese dialect
Slovak Republic	HQ-18BA	D	Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30)
Slovak Republic	HQ-18CA	D	Roma language
Slovak Republic	HQ-18DA	D	Czech
Slovak Republic	HQ-18EA	D	Ruthenian language
Slovenia	HQ-18BA	D	Hungarian
Slovenia	HQ-18CA	D	Italian
Slovenia	HQ-18DA	D	Croatian or Bosnian or Serbian
Slovenia	HQ-18EA	D	Roma
South Africa	HQ-18BA	D	Afrikaans
South Africa	HQ-18CA	D	IsiNdebele
South Africa	HQ-18DA	D	Sepedi
South Africa	HQ-18EA	D	Sesotho
South Africa	HQ-18FA	D	Seswati / Setswana / Tshivenda / IsiXhosa / IsiZulu / Xitsonga / Other
Spain	HQ-18BA	D	Catalan (if ITLANG = 2, 51, or 52) / Spanish (if ITLANG = 49)
Spain	HQ-18CA	D	Galician
Spain	HQ-18DA	D	Valencian (if ITLANG = 2, 49, or 51) / Spanish (if ITLANG = 52)
Spain	HQ-18EA	D	Basque (if ITLANG = 2, 49, or 52) / Spanish (if ITLANG = 51)
Sweden	HQ-18BA-EA	X	Option not administered or data not available

Turkey	HQ-18BA-EA	X	Option not administered or data not available
UAE, Abu Dhabi	HQ-18BA	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
UAE, Abu Dhabi	HQ-18CA	D	Persian
UAE, Abu Dhabi	HQ-18DA	D	Urdu
UAE, Abu Dhabi	HQ-18EA	D	Tagalog
UAE, Dubai	HQ-18BA	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
UAE, Dubai	HQ-18CA	D	Persian
UAE, Dubai	HQ-18DA	D	Urdu
UAE, Dubai	HQ-18EA	D	Tagalog
United Arab Emirates	HQ-18BA	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
United Arab Emirates	HQ-18CA	D	Persian
United Arab Emirates	HQ-18DA	D	Urdu
United Arab Emirates	HQ-18EA	D	Tagalog

HQ-18BA-BG

Question:

When talking at home with your child, what language does the child's mother (or stepmother or female guardian) use?

A: <language of test>

B: <country-specific>

C: <country-specific>

D: <country-specific>

E: <country-specific>

F: Other

G: Not applicable

Variable Name(s): ASBH18AB, ASBH18BB, ASBH18CB, ASBH18DB, ASBH18EB, ASBH18FB, ASBH18GB

Country	Item ID	Code	Documentation
ARG, Buenos Aires	HQ-18BB	D	English
ARG, Buenos Aires	HQ-18CB	D	Portuguese
ARG, Buenos Aires	HQ-18DB	D	Guarani
ARG, Buenos Aires	HQ-18EB	D	Chinese
Australia	HQ-18BB	D	Italian
Australia	HQ-18CB	D	Greek
Australia	HQ-18DB	D	Cantonese
Australia	HQ-18EB	D	Arabic
Australia	HQ-18FB	D	Mandarin / Other
Bahrain	HQ-18BB	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Bahrain	HQ-18CB	D	Persian

Bahrain	HQ-18DB	D	Indian
Bahrain	HQ-18EB	D	Pakistani
Belgium, Flemish	HQ-18BB	D	French
Belgium, Flemish	HQ-18CB	D	Turkish
Belgium, Flemish	HQ-18DB	D	Arabic
Belgium, Flemish	HQ-18EB	D	Moroccan
Belgium, Flemish	HQ-18FB	D	Kurdish / Berbers / English / Polish / Romanian / Bulgarian / Other
Bulgaria	HQ-18BB	D	Turkish language
Bulgaria	HQ-18CB	D	Roma language
Bulgaria	HQ-18DB-EB	X	Option not administered or data not available
CAN, Ontario	HQ-18BB	D	English (if ITLANG = 3) / French (if ITLANG = 1)
CAN, Ontario	HQ-18CB-EB	X	Option not administered or data not available
CAN, Quebec	HQ-18BB	D	English (if ITLANG = 3) / French (if ITLANG = 1)
CAN, Quebec	HQ-18CB-EB	X	Option not administered or data not available
Canada	HQ-18BB	D	English (if ITLANG = 3) / French (if ITLANG = 1)
Canada	HQ-18CB-EB	X	Option not administered or data not available
Chile	HQ-18BB-EB	X	Option not administered or data not available
Chinese Taipei	HQ-18BB	D	Taiwanese language (Fukien)
Chinese Taipei	HQ-18CB	D	Hakka
Chinese Taipei	HQ-18DB	D	Aboriginal language
Chinese Taipei	HQ-18EB	D	English or American English
Croatia	HQ-18BB	D	Croatian (if ITLANG = 37) / Serbian (if ITLANG = 56)
Croatia	HQ-18CB	D	Italian
Croatia	HQ-18DB	D	Hungarian
Croatia	HQ-18EB	D	Czech
Cyprus	HQ-18BB	D	English
Cyprus	HQ-18CB	D	Russian
Cyprus	HQ-18DB	D	Bulgarian
Cyprus	HQ-18EB	D	Romanian
Czech Republic	HQ-18BB	D	Slovak
Czech Republic	HQ-18CB	D	Romani
Czech Republic	HQ-18DB	D	Russian
Czech Republic	HQ-18EB	D	Ukraine
Czech Republic	HQ-18FB	D	Vietnamese / Chinese / Other
Denmark	HQ-18BB	D	Turkish

Denmark	HQ-18CB	D	Arabic
Denmark	HQ-18DB	D	Serbo-Croatian/Bosnian
Denmark	HQ-18EB	D	Punjabi
Finland	HQ-18BB	D	Finnish (if ITLANG = 32) / Swedish (if ITLANG = 43)
Finland	HQ-18CB	D	Sami
Finland	HQ-18DB	D	Romany
Finland	HQ-18EB	D	Russian
France	HQ-18BB	D	Arabic
France	HQ-18CB	D	Another African language
France	HQ-18DB	D	Portuguese
France	HQ-18EB	D	Turkish
Georgia	HQ-18BB	D	Russian
Georgia	HQ-18CB	D	Armenian
Georgia	HQ-18DB	D	Azeri
Georgia	HQ-18EB	D	English
Germany	HQ-18BB	D	Turkish
Germany	HQ-18CB	D	Italian
Germany	HQ-18DB	D	Russian
Germany	HQ-18EB	D	Polish
Germany	HQ-18FB	D	Other / Bosnian / Serbian / Greek / another European language / another African language / another Arabic language / another Asian language
Hong Kong SAR	HQ-18BB	D	Cantonese (if ITLANG = 1) / English (if ITLANG = 10)
Hong Kong SAR	HQ-18CB	D	Putonghua (Mandarin)
Hong Kong SAR	HQ-18DB	D	Other Chinese dialects (e.g., Chiuchow dialect, Hokkien dialect, etc.)
Hong Kong SAR	HQ-18EB	D	Other Asian languages (e.g., Indian, Indonesian, Thai, etc.)
Hungary	HQ-18BB-EB	X	Option not administered or data not available
Indonesia	HQ-18BB	D	Foreign Language
Indonesia	HQ-18CB	D	Traditional Language
Indonesia	HQ-18DB-EB	X	Option not administered or data not available
Iran, Islamic Rep. of	HQ-18BB	D	Turkish
Iran, Islamic Rep. of	HQ-18CB	D	Kurdish
Iran, Islamic Rep. of	HQ-18DB	D	Lori
Iran, Islamic Rep. of	HQ-18EB	D	Arabic
Ireland	HQ-18BB	D	Irish (if ITLANG = 1) / English (if ITLANG = 41)
Ireland	HQ-18CB	D	Polish

Ireland	HQ-18DB	D	Romanian
Ireland	HQ-18EB	D	French
Italy	HQ-18BB	D	Another language officially recognized in Italy (e.g., Ladino in Alto Adige, French in Val d'Aosta)
Italy	HQ-18CB	D	A dialect
Italy	HQ-18DB	D	Another language of the European Union
Italy	HQ-18EB	D	Another language (e.g., Albanian, Arab, Chinese) etc.
Italy	HQ-18FB	X	Option not administered or data not available
Japan	HQ-18BB	D	English
Japan	HQ-18CB	D	Chinese
Japan	HQ-18DB	D	Korean
Japan	HQ-18EB	D	Portuguese
Jordan	HQ-18BB	D	English
Jordan	HQ-18CB	D	Romanian
Jordan	HQ-18DB	D	German
Jordan	HQ-18EB	D	Russian
Kazakhstan	HQ-18BB	D	Kazakh (if ITLANG = 29) / Russian (if ITLANG = 39)
Kazakhstan	HQ-18CB-EB	X	Option not administered or data not available
Kazakhstan	HQ-18GB	X	Option not administered or data not available
Korea, Rep. of	HQ-18BB	D	Vietnamese
Korea, Rep. of	HQ-18CB	D	English
Korea, Rep. of	HQ-18DB	D	Japanese
Korea, Rep. of	HQ-18EB	D	Chinese
Korea, Rep. of	HQ-18FB	D	Khmer (Cambodia) / Tagalog (Filipino) / Thai / Other language
Kuwait	HQ-18BB	D	English (if ITLANG = 53) / Arabic (if ITLANG = 1)
Kuwait	HQ-18CB	D	Kuwaiti Dialect
Kuwait	HQ-18DB	D	GCC Dialect(s)
Kuwait	HQ-18EB	D	Other Arabic Dialect(s)
Lithuania	HQ-18AB	D	Lithuanian (if ITLANG = 22) / Polish (if ITLANG = 27) / Russian (if ITLANG = 29)
Lithuania	HQ-18BB	D	Lithuanian
Lithuania	HQ-18CB	D	Russian
Lithuania	HQ-18DB	D	Polish
Lithuania	HQ-18EB	X	Option not administered or data not available
Morocco	HQ-18BB	D	Amazigh
Morocco	HQ-18CB	D	French

Morocco	HQ-18DB	D	Spanish
Morocco	HQ-18EB	D	English
Netherlands	HQ-18BB	D	Turkish
Netherlands	HQ-18CB	D	Moroccan
Netherlands	HQ-18DB	D	Surinamese
Netherlands	HQ-18EB	D	German
Netherlands	HQ-18FB	D	English / Other
New Zealand	HQ-18BB	D	Māori
New Zealand	HQ-18CB	D	A Pacific Islands language (e.g., Samoan, Tongan, Niuean)
New Zealand	HQ-18DB	D	An Asian language (e.g., Mandarin, Korean, Hindi)
New Zealand	HQ-18EB	D	New Zealand Sign Language
New Zealand	HQ-18FB	D	Another language (e.g., Afrikaans, Somali)
Northern Ireland	HQ-18BB	D	Irish
Northern Ireland	HQ-18CB	D	Polish
Northern Ireland	HQ-18DB	D	Lithuanian
Northern Ireland	HQ-18EB	D	Portuguese
Northern Ireland	HQ-18FB	D	Chinese / Other
Norway	HQ-18BB	D	Sami
Norway	HQ-18CB	D	Swedish or Danish
Norway	HQ-18DB	D	Urdu
Norway	HQ-18EB	D	Polish
Norway (Grade 4)	HQ-18BB	D	Sami
Norway (Grade 4)	HQ-18CB	D	Swedish or Danish
Norway (Grade 4)	HQ-18DB	D	Urdu
Norway (Grade 4)	HQ-18EB	D	Polish
Oman	HQ-18BB	D	Arabic
Oman	HQ-18CB	D	Swahili
Oman	HQ-18DB	D	Balochi
Oman	HQ-18EB	D	Laotian
Poland	HQ-18BB	D	German
Poland	HQ-18CB	D	Ukrainian
Poland	HQ-18DB	D	Belarussian
Poland	HQ-18EB	X	Option not administered or data not available
Portugal	HQ-18BB	D	Creole
Portugal	HQ-18CB	D	Ukrainian

Portugal	HQ-18DB	D	Chinese
Portugal	HQ-18EB	D	English
Qatar	HQ-18BB	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Qatar	HQ-18CB	D	Persian
Qatar	HQ-18DB	D	Balochi
Qatar	HQ-18EB	D	Swahili
Russian Federation	HQ-18BB-EB	X	Option not administered or data not available
Russian Federation	HQ-18GB	D	It is difficult to answer
Saudi Arabia	HQ-18BB	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
Saudi Arabia	HQ-18CB	D	French
Saudi Arabia	HQ-18DB	D	Urdu
Saudi Arabia	HQ-18EB	D	Local Dialect
Serbia	HQ-18BB	D	Hungarian
Serbia	HQ-18CB	D	Romani
Serbia	HQ-18DB	D	Slovakian
Serbia	HQ-18EB	D	Romanian
Singapore	HQ-18BB	D	Mandarin
Singapore	HQ-18CB	D	Malay
Singapore	HQ-18DB	D	Tamil
Singapore	HQ-18EB	D	A Chinese dialect
Slovak Republic	HQ-18BB	D	Hungarian (if ITLANG = 17) / Slovak (if ITLANG = 30)
Slovak Republic	HQ-18CB	D	Roma language
Slovak Republic	HQ-18DB	D	Czech
Slovak Republic	HQ-18EB	D	Ruthenian language
Slovenia	HQ-18BB	D	Hungarian
Slovenia	HQ-18CB	D	Italian
Slovenia	HQ-18DB	D	Croatian or Bosnian or Serbian
Slovenia	HQ-18EB	D	Roma
South Africa	HQ-18BB	D	Afrikaans
South Africa	HQ-18CB	D	IsiNdebele
South Africa	HQ-18DB	D	Sepedi
South Africa	HQ-18EB	D	Sesotho
South Africa	HQ-18FB	D	Seswati / Setswana / Tshivenda / IsiXhosa / IsiZulu / Xitsonga / Other
Spain	HQ-18BB	D	Catalan (if ITLANG = 2, 51, or 52) / Spanish (if ITLANG = 49)
Spain	HQ-18CB	D	Galician

Spain	HQ-18DB	D	Valencian (if ITLANG = 2, 49, or 51) / Spanish (if ITLANG = 52)
Spain	HQ-18EB	D	Basque (if ITLANG = 2, 49, or 52) / Spanish (if ITLANG = 51)
Sweden	HQ-18BB-EB	X	Option not administered or data not available
Turkey	HQ-18BB-EB	X	Option not administered or data not available
UAE, Abu Dhabi	HQ-18BB	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
UAE, Abu Dhabi	HQ-18CB	D	Persian
UAE, Abu Dhabi	HQ-18DB	D	Urdu
UAE, Abu Dhabi	HQ-18EB	D	Tagalog
UAE, Dubai	HQ-18BB	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
UAE, Dubai	HQ-18CB	D	Persian
UAE, Dubai	HQ-18DB	D	Urdu
UAE, Dubai	HQ-18EB	D	Tagalog
United Arab Emirates	HQ-18BB	D	Arabic (if ITLANG = 1) / English (if ITLANG = 53)
United Arab Emirates	HQ-18CB	D	Persian
United Arab Emirates	HQ-18DB	D	Urdu
United Arab Emirates	HQ-18EB	D	Tagalog

HQ-19

Question:

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

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

Variable Name(s): ASBH19

Country	Item ID	Code	Documentation
Belgium, Flemish	HQ-19	D	Dutch or Flemish
Croatia	HQ-19	X	For ITLANG = 37 ("Serbian"): Question not administered or data not available
Ireland	HQ-19	X	For ITLANG = 41 ("Irish"): Question not administered or data not available
Lithuania	HQ-19	D	Language of instruction

HQ-20A-B

Question:

What is the highest level of education completed by the child's father (or stepfather or male guardian) and mother (or stepmother or female guardian)?

- A: Child's father
- B: Child's mother

- 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 = <Postgraduate degree: Master's—ISCED Level 7 or Doctor—ISCED Level 8>
- 9 = Not applicable

Variable Name(s): ASBH20A, ASBH20B

Country	Item ID	Code	Documentation
ARG, Buenos Aires	HQ-20A-B	D	Nationally defined categories: 1 = Did not go to school 2 = Complete primary education 3 = Incomplete secondary education 4 = Complete secondary education 5 = Post-secondary, non-tertiary education 6 = Incomplete tertiary or university education 7 = Complete tertiary or university education 8 = Master's or Doctorate 9 = Not applicable
Australia	HQ-20A-B	D	National categories recoded for international comparability: 1 = Did not go to school 2 = Some primary school 3 = Some secondary school 4 = Secondary school 5 = TAFE training certificate, apprenticeship or traineeship 6 = TAFE or college diploma (e.g., Diploma of Information Technology) 7 = Undergraduate degree (e.g., Bachelor of Arts) / Graduate or postgraduate diploma (e.g., Postgraduate Diploma of Education) 8 = Master's degree, PhD, or Doctorate 9 = Not Applicable (not in household)
Bahrain	HQ-20A-B	D	Nationally defined categories: 1 = Did not go to school 2 = Some primary or intermediate education 3 = Intermediate education 4 = Secondary education 5 = Diploma 6 = Postgraduate diploma 7 = Bachelor's degree 8 = Postgraduate degree: Master's or PhD 9 = Not applicable

Belgium, Flemish	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Went to primary education / Went to secondary special education</p> <p>3 = First grade (first two years) of secondary education</p> <p>4 = Six years of secondary education accomplished (ASO, TSO, KSO, or BSO)</p> <p>5 = Specialization year or 7th year in secondary education accomplished</p> <p>6 = Short higher vocational education (HBO5) after secondary education accomplished</p> <p>7 = Professional or academic Bachelor (higher education with 1 cycle or candidate/Bachelor within university) accomplished</p> <p>8 = Master, licentiate or Doctor (PhD) (higher education with 2 cycles or university) accomplished</p> <p>9 = Not applicable</p>
Bulgaria	HQ-20A-B	D	<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 secondary education</p> <p>6 = Higher education (Professional Bachelor)</p> <p>7 = Higher education (Bachelor)</p> <p>8 = Higher education (Master or Doctor)</p> <p>9 = Not applicable</p>
CAN, Ontario	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 - Secondary 1</p> <p>3 = Grade 8 - Secondary 2</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 or Doctoral degree</p> <p>9 = Not applicable</p>
CAN, Quebec	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 - Secondary 1</p> <p>3 = Grade 8 - Secondary 2</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 or Doctoral degree</p> <p>9 = Not applicable</p>
Canada	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = Some primary education or Grade 7 - Secondary 1</p> <p>3 = Grade 8 - Secondary 2</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 or Doctoral degree</p> <p>9 = Not applicable</p>

Chile	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Some primary education 3 = Lower secondary education 4 = Upper secondary education 5 = Category not administered or data not available 6 = Vocational education centers / Professional education centers 7 = Program in a university 8 = Postgraduate degree (PhD or Master degree) 9 = Not applicable
Chinese Taipei	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Did not finish the elementary school program / Elementary school program 3 = Junior high school program 4 = Senior high school or the vocational school program 5 = Junior college or the two-year college program 6 = Category not administered or data not available 7 = Two-year college of technology or four-year college of technology program / University program 8 = Master program / PhD program 9 = Not applicable
Croatia	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = First four grades of elementary school 3 = Elementary school 4 = Three year high school 5 = Four year high school 6 = Non-university higher education (two or three years, university undergraduate education, Bachelor's degree) 7 = University education (graduate and postgraduate education, Master's degree) 8 = Master's or Doctor of science 9 = Not applicable
Cyprus	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Some primary education or lower secondary education 3 = Lower secondary education 4 = Upper secondary education (general or vocational) 5 = Post-secondary, non-tertiary education (i.e. school for hairstyling, school of secretarial studies) 6 = Non-university diploma (i.e. Pedagogical Academy, diploma from technological educational institution, higher technological institute, nursing school) 7 = Bachelor's degree 8 = Postgraduate degree: Master's or Doctorate 9 = Not applicable
Czech Republic	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Did not finish primary school 3 = Primary school 4 = High school or a vocational program without maturita / High school or a vocational program with maturita 5 = An extension study 6 = Higher professional school or conservatory 7 = University Bachelor's degree 8 = University Master's degree or higher 9 = Not applicable

Denmark	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Some of grades 1-10 3 = Grades 7-10 4 = High school 5 = Short education of less than 2 years 6 = Short education of at least 2 years 7 = Bachelor level 8 = Education of 5 years or longer 9 = Not applicable
Finland	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Some 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 = Postgraduate degree: Master's or Doctor 9 = Not applicable
France	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not attend school 2 = Did not complete the first cycle of secondary education (college) 3 = First cycle of secondary education (college) 4 = Second cycle of secondary professional degree (BEP, BP, Bac Pro) technology (Bac techno) or general (general Bac) 5 = Pre-university education (e.g., capacity in law) 6 = Short higher education (DUT, BTS, CPGEs, postgraduate, L2, etc.) 7 = Degree or equivalent 8 = Long university education (Master, DEA, DESS, PhD, etc.) 9 = Not applicable
Georgia	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Primary (4 grades) level or incomplete basic (below grade 9) level of General Education 3 = Basic level of General Education (9 grades) 4 = Secondary level of General Education (10-11 grades) 5 = Vocational school (based on 10-11 grade, e.g., College, Proftechnicum) 6 = Higher vocational school 7 = First degree higher education (4-year, Bachelor's) 8 = Further degrees of higher education (Master's, 5-year education prior to 2005 equivalent to Master's, or scientific degree such as Candidate Doctor's or Doctor's) 9 = Not applicable

Germany

HQ-20A-B

D

What is the highest school degree obtained by the child's father (or stepfather or male guardian) and mother (or stepmother or female guardian)? / What is highest the educational/volcational degree obtained by the child's father (or stepfather or male guardian) and mother (or stepmother or female guardian)?

National options recoded for international comparability:

1 = [B = Omitted or invalid & A is any of (Did not go to school or left school without a degree)] / [B = No vocational degree & A is any of (Did not go to school or left school without a degree)] / [B = Degree for vocational preparation & A is any of (Did not go to school or left school without a degree)]

2 = [B = Omitted or invalid & A is any of (Degree from board school/secondary modern school/polytechnical school after grade 8)] / [B = No vocational degree & A is any of (Degree from board school/secondary modern school/polytechnical school after grade 8)] / [B = Degree for vocational preparation & A is any of (Degree from board school/secondary modern school/polytechnical school after grade 8)]

3 = [B = Omitted or invalid & A is any of (Secondary school certificate/secondary school leaving certificate)] / [B = No vocational degree & A is any of (Secondary school certificate/secondary school leaving certificate)] / [B = Degree for vocational preparation & A is any of (Secondary school certificate/secondary school leaving certificate)]

4 = [B = Omitted or invalid & A is any of (Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = No vocational degree & A is any of (Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Degree for vocational preparation & A is any of (Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Degree from vocational school or from a school in the health sector (1 year) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)]

5 = Option not administered or data not available

6 = [B = Degree from a technical college/professional school/foreman school or technical school or from a school in the health sector (2-3 years) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Degree from a school of administration & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)]

7 = [B = Bachelor degree (University of applied science) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Other degree from a University of applied science (also engineering) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Bachelor degree (University) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)]

8 = [B = Master degree (University of applied science) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Master degree (University) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Other degree obtained at a university (e.g., Diplom, Magister, First State examination) & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = Second state examination & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)] / [B = PhD & A is any of (Omitted or invalid, Did not go to school or left school without a degree, Degree from board school/secondary modern school/polytechnical school after grade 8, Secondary school certificate/secondary school leaving certificate, Degree from a University of Applied Science, A-Level certificate/higher education entrance qualification)]

9 = Option not administered or data not available

Hong Kong SAR

HQ-20A-B

D

Nationally defined categories:

- 1 = Did not go to school
- 2 = Some primary education or junior secondary education
- 3 = Junior secondary education
- 4 = Senior secondary education
- 5 = Vocational training after senior secondary education
- 6 = Completed a certificate, diploma, or an associate degree
- 7 = Bachelor's degree
- 8 = Master's degree or Doctoral degree
- 9 = Not applicable

Hungary	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school 2 = Did not finish general school 3 = General school 4 = Vocational school (without final exam/matura) / Secondary vocational school with final exam (matura) / Grammar school with final exam (matura) 5 = Vocational programs (usually two years) based on Maturity examination (e.g., dental technician, jeweler) 6 = Accredited post secondary vocational programs (e.g., customs administrator, social insurance administrator) 7 = College or university BA level 8 = University or university MA level / Higher than university or university MA level (e.g., PhD, University post-graduate program) 9 = Not applicable</p>
Indonesia	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>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 8 = Postgraduate degree: Master's or Doctor 9 = Not applicable</p>
Iran, Islamic Rep. of	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>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 = Postgraduate degree: Master's or Doctor 9 = Not applicable</p>
Ireland	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Some primary or secondary education 3 = Junior Cert./Inter. Cert./Group Cert. 4 = Leaving Cert. 5 = A PLC course or apprenticeship 6 = A third-level certificate or diploma, not to degree level (e.g., from an Institute of Technology) 7 = A degree 8 = A postgraduate degree 9 = Not applicable</p>
Italy	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Did not complete primary education (primary) or lower secondary education (secondary level 1) 3 = Lower secondary education (level 1) 4 = Upper secondary education (level 2) 5 = Post-secondary, non-tertiary education 6 = Tertiary education level I 7 = Tertiary education level II or equivalent 8 = Postgraduate Master's, PhD, or equivalent qualification 9 = Not applicable</p>

Japan	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Elementary school 3 = Lower secondary school 4 = Upper secondary school 5 = Advanced course of upper secondary school 6 = Junior college, college of technology, or specialized training college (post-secondary course) 7 = University or college 8 = Finished graduate school 9 = Not applicable
Jordan	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Basic cycle - (grades 1 - 6) 3 = Second basic cycle - (grades 7 - 10) 4 = Secondary cycle - (grades 11 - 12) 5 = Post-secondary, non-tertiary education - vocational centers after tenth grade 6 = Short-cycle tertiary education - Community college diploma 7 = Bachelor's or equivalent level 8 = Postgraduate degree: Master's or Doctor 9 = Not applicable
Kazakhstan	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Primary education 3 = Basic secondary education 4 = General secondary education 5 = Technical and vocational education / Post-secondary education 6 = Category not administered or data not available 7 = Higher education (Bachelor degree) 8 = Postgraduate education (Master or Doctor degree) 9 = Not applicable
Korea, Rep. of	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not attend school 2 = Graduated from or did not complete elementary school, did not complete middle school 3 = Middle school 4 = High school 5 = Category not administered or data not available 6 = Two-year or three-year college 7 = Four-year university 8 = Graduate school (Master or Doctoral degree) 9 = Not applicable
Kuwait	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Elementary 3 = Intermediate (lower secondary) 4 = High school (upper secondary) 5 = Pre-university education (e.g., diploma) 6 = Technical/Applied education 7 = Bachelor's or equivalent 8 = Masters or PhD 9 = Not applicable

Lithuania	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Not completed primary or lower secondary education 3 = Lower secondary education 4 = Upper secondary education 5 = Vocational (already having secondary education) 6 = Further (finished further education school, technical school) 7 = Bachelor's (finish university) or vocational bachelor (finish college) degree 8 = Master's or Doctor degree 9 = Not applicable</p>
Morocco	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Part of the primary school or part of lower secondary school 3 = Lower secondary school 4 = Upper secondary school 5 = Preparatory classes 6 = Diploma of university studies 7 = Bachelor degree or equivalent 8 = Masters degree or Doctorate 9 = Not applicable</p>
Netherlands	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school 2 = Just primary education or another education without diploma 3 = Lower secondary vocational education 4 = Upper secondary education 5 = Category not administered or data not available 6 = Short cycle tertiary education of 2-3 years 7 = Higher vocational education or Bachelor's 8 = Master's / Doctor 9 = Not applicable</p>
New Zealand	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school 2 = Some schooling but did not finish 4th form - Year 10 3 = Schooling up to the end of 4th form - Year 10 / Schooling with School Certificate or NCEA Level 1 4 = 6th or 7th form (Year 12 or 13) and gained a university entrance qualification 5 = Trade-apprenticeship qualification or national certificate (NZQF Levels 3-5, e.g., hairdressing) 6 = National diploma (e.g., National Diploma in Science) or vocational diploma (e.g., Diploma of Nursing) 7 = 3-year university diploma or a Bachelor's degree 8 = Post-graduate degree (e.g., Honors, Masters, PhD) 9 = Not applicable</p>
Northern Ireland	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school 2 = Attended school but did not follow O-Level or GCSE course 3 = O-Level or GCSE course followed 4 = 1-4 O-Level or GCSE passes or Foundation Diploma or GNVQ Foundation or NVQ Level 1 or BTEC Certificate / 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 5 = Access course for higher education 6 = HNC or HND or BTEC Higher 7 = Bachelor's degree 8 = Master's degree or Doctorate 9 = Not applicable</p>

Norway	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not or to school</p> <p>2 = Some primary or lower secondary school</p> <p>3 = Lower secondary school</p> <p>4 = Upper secondary school</p> <p>5 = Education beyond upper secondary school (not university or university college)</p> <p>6 = University or university college less than 3 years</p> <p>7 = Bachelor or equivalent</p> <p>8 = Master or Doctor</p> <p>9 = Not relevant</p>
Norway (Grade 4)	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not or to school</p> <p>2 = Some primary or lower secondary school</p> <p>3 = Lower secondary school</p> <p>4 = Upper secondary school</p> <p>5 = Education beyond upper secondary school (not university or university college)</p> <p>6 = University or university college less than 3 years</p> <p>7 = Bachelor or equivalent</p> <p>8 = Master or Doctor</p> <p>9 = Not relevant</p>
Oman	HQ-20A-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 Education Diploma)</p> <p>5 = Post-secondary, non-tertiary education</p> <p>6 = Diploma or equivalent</p> <p>7 = Bachelor's or equivalent</p> <p>8 = Postgraduate degree: Master's or Doctorate</p> <p>9 = Not applicable</p>
Poland	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school</p> <p>2 = Primary or lower secondary general</p> <p>3 = Lower secondary vocational</p> <p>4 = Upper secondary</p> <p>5 = Post secondary, non tertiary</p> <p>6 = Category not administered or data not available</p> <p>7 = Higher first degree</p> <p>8 = Higher second degree</p> <p>9 = Not applicable</p>
Portugal	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school</p> <p>2 = 1st or 2nd cycle of primary education</p> <p>3 = 3rd cycle of primary education</p> <p>4 = Secondary education</p> <p>5 = Technological specialization course</p> <p>6 = Baccalaureate (3 years)</p> <p>7 = License</p> <p>8 = Master's or Doctorate degree</p> <p>9 = Not applicable</p>

Qatar	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school 2 = Some primary education or preparatory education 3 = Preparatory education 4 = Secondary education 5 = Attained a diploma 6 = Category not administered or data not available 7 = Attained a Bachelor's degree 8 = Attained a post-graduate degree 9 = Not applicable</p>
Russian Federation	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Primary or basic education 3 = Basic general education (9 grades) 4 = Secondary general education (11 grades) 5 = Short-time course or program on the base of secondary education, initial vocational education 6 = Incomplete higher education: (two years or more) 7 = Higher education: Bachelor or equivalent (three years or more) 8 = Higher education: Master or equivalent (five years or more), second university degree; candidate or doctor degree 9 = Difficult to answer</p>
Saudi Arabia	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>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 = Postgraduate degree: Master's or Doctorate 9 = Not applicable</p>
Serbia	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Lower grades of primary school 3 = Primary school 4 = Secondary education, vocational or general 5 = Post secondary non tertiary education 6 = Short cycle tertiary education 7 = Basic studies in faculty 8 = Postgraduate studies: Master's, professional Master's, or PhD 9 = Not applicable</p>
Singapore	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Some primary or lower secondary 3 = Lower secondary (completed Secondary 2) 4 = Upper secondary 5 = Post-secondary, non-tertiary (e.g., JC, CI, ITE) 6 = Polytechnic 7 = University Bachelor's degree 8 = Master's or Doctoral (e.g., PhD) degree 9 = Not applicable</p>

Slovak Republic	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Did not complete primary school 3 = Primary school 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 or Doctoral study 9 = Not applicable
Slovenia	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Primary education 3 = Lower secondary education 4 = Upper secondary education 5 = Post-secondary, non-tertiary education (high school) 6 = Short-cycle tertiary education (2-year old study programs, also teacher college or vocational oriented study) 7 = University study of the first Bologna degree 8 = University 4 year study (old programs) or university study of the second Bologna degree or master of science or Doctorate of science 9 = Not applicable
South Africa	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Some primary school (Grades 1-8) 3 = Some secondary (Grade 9-11) 4 = Grade 12 5 = Post-matric certificate 6 = Diploma 7 = First degree 8 = Master's or Doctoral degree 9 = Not applicable
Spain	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Some courses in primary education or lower secondary education (LSE) 3 = Basic general education (BGE) or lower secondary education (LSE) 4 = Baccalaureate, Multisubject Unified Baccalaureate (MUB), University Oriented Course (UOC), First Course Vocational Training (VT), Lower Vocational Training, Elemental School of Fine Arts, Official School of Languages 5 = Category not administered or data not available 6 = Upper Vocational Training, Upper Vocational Training in Fine Arts and Design, Bachelor's degree, Engineering or Architecture 7 = University degree 8 = Master's or PhD 9 = Not applicable
Sweden	HQ-20A-B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Did not go to school 2 = Less than 9 years in elementary school 3 = 9 years of elementary school 4 = Secondary school 5 = Tertiary education, not university college 6 = Higher education up to 2 years (e.g., university college degree) 7 = University or university college degree (e.g., Bachelor's degree) 8 = Postgraduate education, (e.g., Masters, licentiate, or PhD degree) 9 = Not applicable

Turkey	HQ-20A-B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school 2 = Completed primary school or left elementary or secondary school 3 = Secondary school 4 = High school 5 = Category not administered or data not available 6 = Associate degree (2 years college) 7 = Bachelor of Science 8 = Master of Science or Doctorate 9 = Not applicable</p>
UAE, Abu Dhabi	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Some primary school 3 = Some secondary school 4 = Finish secondary school 5 = Training certificate, apprenticeship, or traineeship 6 = A college diploma 7 = Bachelor's or equivalent 8 = Beyond Bachelors' degree (e.g., Master's of Arts, PhD) 9 = Not applicable</p>
UAE, Dubai	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Some primary school 3 = Some secondary school 4 = Finish secondary school 5 = Training certificate, apprenticeship, or traineeship 6 = A college diploma 7 = Bachelor's or equivalent 8 = Beyond Bachelors' degree (e.g., Master's of Arts, PhD) 9 = Not applicable</p>
United Arab Emirates	HQ-20A-B	D	<p>Nationally defined categories:</p> <p>1 = Did not go to school 2 = Some primary school 3 = Some secondary school 4 = Finish secondary school 5 = Training certificate, apprenticeship, or traineeship 6 = A college diploma 7 = Bachelor's or equivalent 8 = Beyond Bachelors' degree (e.g., Master's of Arts, PhD) 9 = Not applicable</p>

HQ-21

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): ASBH21

Country	Item ID	Code	Documentation
ARG, Buenos Aires	HQ-21	D	National options recoded for international comparability: 1 = Basic secondary education 2 = All secondary education 3 = Option not administered or data not available 4 = Tertiary education / Short university degree 5 = Long university degree 6 = Master’s or Doctorate
Australia	HQ-21	D	National options recoded for international comparability: 1 = Year 10 2 = Year 12 3 = TAFE training certificate, apprenticeship or traineeship 4 = TAFE or college diploma (e.g., Diploma of Information Technology) 5 = Undergraduate degree (e.g., Bachelor of Arts) / Graduate or postgraduate diploma (e.g., Postgraduate Diploma of Education) 6 = Master’s degree, PhD, or Doctorate
Bahrain	HQ-21	D	Nationally defined options: 1 = Intermediate education 2 = Secondary education 3 = Diploma 4 = Postgraduate diploma 5 = Bachelor’s 6 = Postgraduate degree: Master’s or PhD
Belgium, Flemish	HQ-21	D	Nationally defined options: 1 = First degree (grade 1 and 2) of secondary education 2 = Six years of secondary education (ASO, TSO, KSO and BSO) 3 = Specialization year or 7th year in secondary education 4 = Degree (HBO5) after secondary education 5 = Professional or academic Bachelor (first cycle higher education) 6 = Master’s or doctoral degree (higher education with 2 cycles or university)
Bulgaria	HQ-21	D	Nationally defined options: 1 = Lower secondary education 2 = Upper secondary education 3 = Vocational education after upper secondary education 4 = Higher education (Professional Bachelor) 5 = Higher education (Bachelor) 6 = Higher education (Master or Doctor)

CAN, Ontario	HQ-21	D	Nationally defined options: 1 = Grade 8 - Secondary 2 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 Doctoral degree
CAN, Quebec	HQ-21	D	Nationally defined options: 1 = Grade 8 - Secondary 2 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 Doctoral degree
Canada	HQ-21	D	Nationally defined options: 1 = Grade 8 - Secondary 2 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 Doctoral degree
Chile	HQ-21	D	National options recoded for international comparability: 1 = Lower secondary education 2 = Upper secondary education 3 = Option not administered or data not available 4 = Program in a vocational education center / Program in a professional education center 5 = Program in a university 6 = Postgraduate degree (Master degree or PhD)
Chinese Taipei	HQ-21	D	National options recoded for international comparability: 1 = Junior high school program 2 = Senior high school or the vocational school program 3 = Junior college or the two-year college program 4 = Option not administered or data not available 5 = Two-year college of technology or four-year college of technology program / University program 6 = Master program / PhD program
Croatia	HQ-21	D	Nationally defined options: 1 = Elementary school 2 = Three year high school 3 = Four year high school 4 = Non-university higher education (two or three years, university undergraduate education, Bachelor's degree) 5 = University education (graduate and postgraduate education, Master's degree) 6 = Master's or Doctor of science

Cyprus	HQ-21	D	Nationally defined options: 1 = Lower secondary education 2 = Upper secondary education (general or vocational) 3 = Post-secondary, non-tertiary education 4 = Non-university diploma 5 = Bachelor's degree 6 = Postgraduate degree: Master's or Doctorate
Czech Republic	HQ-21	D	National options 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 = Option not administered or data not available 4 = Higher professional school or conservatory 5 = University Bachelor's degree 6 = University Master's degree or higher
Denmark	HQ-21	D	Nationally defined options: 1 = 9-10th grade 2 = High school 3 = Short education of less than 2 years 4 = Short or middle long education of at least 2 years 5 = Bachelor level of at least 3 years 6 = Education of 5 years or more
Finland	HQ-21	D	National options recoded for international comparability: 1 = Lower secondary school 2 = Upper secondary school, academic or vocational school or institution 3 = A specialist vocational qualification taken after completing vocational school 4 = Option not administered or data not available 5 = Lower degree at the university or polytechnic (3 years) 6 = Higher degree at the university or polytechnic (5 years) or doctorate programs: licentiate or doctor
France	HQ-21	D	Nationally defined options: 1 = First cycle of secondary education (college) 2 = Second cycle of secondary professional degree (BEP, BP, Bac Pro), technological (Bac techno) or general (general Bac) 3 = Pre-university education (e.g., capacity in law) 4 = Short higher education (DUT, BTS, CPGEs, postgraduate, L2, etc.) 5 = Degree or equivalent 6 = Long university education (Master, DEA, DESS, PhD, etc.)
Georgia	HQ-21	D	Nationally defined options: 1 = Basic level of General Education (9 grades) 2 = Secondary level of General Education (12 grades) 3 = Vocational school 4 = Higher vocational school (4th and 5th degrees) 5 = First degree of higher education (Bachelor's, 4 years) 6 = Further degree(s) of higher education (Master's, Doctor's)

Germany	HQ-21	D	<p>What is the highest school degree you expect your child to achieve? / What is the highest educational/vocational degree you expect your child to achieve?</p> <p>National options recoded for international comparability:</p> <p>1 = [B = Omitted or invalid and A is any of (Degree from board school, Secondary school certificate, Will leave school without a degree)] / [B = Will presumably not reach a vocational degree and A is any of (Degree from board school, Omitted or invalid, Secondary school certificate, Will leave school without a degree)]</p> <p>2 = [B = Degree for vocational preparation; vocational school (apprenticeship, training) or from a school in the health sector (1 year) and A is any of (Degree from board school, Omitted or invalid, Secondary school certificate, Will leave school without a degree)] / [B = Omitted or invalid and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science)] / [B = Will presumably not reach a vocational degree and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science)]</p> <p>3 = [B = Degree for vocational preparation; vocational school (apprenticeship, training) or from a school in the health sector (1 year) and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science)]</p> <p>4 = [B = Degree from a technical college/professional school/foremanschool or technical school or from a school in the health sector (2-3 years) and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science, Degree from board school, Omitted or invalid, Secondary school certificate, Will leave school without a degree)]</p> <p>5 = [B = Bachelor degree (University of Applied Science or University) and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science, Degree from board school, Omitted or invalid, Secondary school certificate, Will leave school without a degree)]</p> <p>6 = [B = Master degree (University of Applied Science or University) and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science, Degree from board school, Omitted or invalid, Secondary school certificate, Will leave school without a degree)] / [B = Ph.D. and A is any of (A-level certificate/higher education entrance qualification, Degree from a University of Applied Science, Degree from board school, Omitted or invalid, Secondary school certificate, Will leave school without a degree)]</p>
Hong Kong SAR	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Junior secondary education</p> <p>2 = Senior secondary education</p> <p>3 = Vocational training after senior secondary education</p> <p>4 = A certificate, diploma, or an associate degree</p> <p>5 = Bachelor's degree</p> <p>6 = Master's degree or Doctoral degree</p>
Hungary	HQ-21	D	<p>National options recoded for international comparability:</p> <p>1 = General school</p> <p>2 = Vocational school (without final exam/matura) / Secondary vocational school with final exam (matura) / Grammar school with final exam (matura)</p> <p>3 = Vocational programs based on Maturity examination</p> <p>4 = Accredited post secondary vocational programs</p> <p>5 = College or university BA level</p> <p>6 = University or university MA level / Higher than university or university MA level (e.g., PhD)</p>

Indonesia	HQ-21	D	Nationally defined options: 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
Iran, Islamic Rep. of	HQ-21	D	Nationally defined options: 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-21	D	Nationally defined options: 1 = Junior Cert. 2 = Leaving Cert. 3 = A PLC course or apprenticeship 4 = A certificate or diploma (e.g., from an Institute of Technology) 5 = A degree 6 = A postgraduate degree
Italy	HQ-21	D	Nationally defined options: 1 = Lower secondary education 2 = Upper secondary education (level 2) 3 = Post-secondary, non-tertiary education 4 = Tertiary education level I 5 = Tertiary education level II (specialization) 6 = Postgraduate degree: Masters, PhD or equivalent
Japan	HQ-21	D	Nationally defined options: 1 = Lower secondary school 2 = Upper secondary school 3 = Advanced course of upper secondary school 4 = Junior college, college of technology, or specialized training college (post-secondary course) 5 = University or college 6 = Graduate school
Jordan	HQ-21	D	Nationally defined options: 1 = Second basic cycle - (grades 7 - 10) 2 = Secondary cycle - (grades 11 - 12) 3 = Post-secondary, non-tertiary education - vocational centers after tenth grade 4 = Community college diploma 5 = Bachelor's or equivalent level 6 = Master's or Doctor degree
Kazakhstan	HQ-21	D	National options recoded for international comparability: 1 = Basic secondary education 2 = General secondary education 3 = Technical and vocational education / Post-secondary education 4 = Option not administered or data not available 5 = Higher education (Bachelor degree) 6 = Postgraduate education (Master or Doctor degree)

Korea, Rep. of	HQ-21	D	National options recoded for international comparability: 1 = Middle school 2 = High school 3 = Option not administered or data not available 4 = Two-year or three-year college 5 = Four-year university 6 = Graduate school (Master's or Doctoral program)
Kuwait	HQ-21	D	Nationally defined options: 1 = Intermediate level 2 = Secondary level 3 = Pre-university education (e.g., diploma) 4 = Technical/Applied education 5 = University Education (Bachelor) 6 = Post university education Master's or PhD
Lithuania	HQ-21	D	National options recoded for international comparability: 1 = Lower secondary education 2 = Upper secondary education 3 = Vocational (already having secondary education) 4 = Option not administered or data not available 5 = Bachelor's (finish university) or vocational bachelor (finish college) degree 6 = Master's or Doctor degree
Morocco	HQ-21	D	Nationally defined options: 1 = Lower secondary school 2 = Upper secondary school 3 = Preparatory classes 4 = Diploma of university studies 5 = Bachelor degree or equivalent 6 = Masters degree or Doctorate
Netherlands	HQ-21	D	National options recoded for international comparability: 1 = Lower secondary vocational education 2 = Upper secondary education 3 = Category not administered or data not available 4 = Category not administered or data not available 5 = Higher vocational education / Bachelor's 6 = Master's / Doctor
New Zealand	HQ-21	D	Nationally defined options: 1 = NCEA Level 1 or Level 2 2 = NCEA Level 3 3 = A trade/apprenticeship or national certificate (NZQF Levels 3-5, e.g., Hairdressing) 4 = A national (2- or 3-year) diploma (e.g., fashion design, tourism) 5 = A Bachelor's degree 6 = A post-graduate degree (e.g., Honours, Masters, PhD)
Northern Ireland	HQ-21	D	National options recoded for international comparability: 1 = GCSE course 2 = 1-4 GCSE passes or Foundation Diploma or GNVQ Foundation or NVQ Level 1 or BTEC Certificate / 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 Advanced or International Baccalaureate 3 = Complete an access course for higher education 4 = HNC or HND or BTEC Higher 5 = Bachelor's degree 6 = Master's degree or Doctorate

Norway	HQ-21	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Lower secondary school 2 = Upper secondary school 3 = Education beyond upper secondary school (not university or university college) 4 = University or university college lasting less than 3 years 5 = Bachelor or equivalent 6 = Master or Doctor
Norway (Grade 4)	HQ-21	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Lower secondary school 2 = Upper secondary school 3 = Education beyond upper secondary school (not university or university college) 4 = University or university college lasting less than 3 years 5 = Bachelor or equivalent 6 = Master or Doctor
Oman	HQ-21	D	<p>For ITLANG = 1 ("English"):</p> <p>Nationally defined options:</p> <ul style="list-style-type: none"> 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 <p>For ITLANG = 53 ("Arabic"):</p> <p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Lower secondary education 2 = Upper secondary education (General Education Diploma) 3 = Diploma 4 = Option not administered or data not available 5 = Bachelor's or equivalent level 6 = Master's or Doctor
Poland	HQ-21	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Lower secondary general / Lower secondary vocational 2 = Upper secondary 3 = Post secondary, non tertiary 4 = Option not administered or data not available 5 = Higher first degree 6 = Higher second degree
Portugal	HQ-21	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Third cycle of primary education 2 = Secondary education 3 = Technological specialization course 4 = Option not administered or data not available 5 = License degree 6 = Master's degree or Doctorate degree
Qatar	HQ-21	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Preparatory education 2 = Secondary education 3 = Diploma 4 = Option not administered or data not available 5 = Bachelor's degree 6 = Post-graduate degree

Russian Federation	HQ-21	D	<p>National options recoded for international comparability:</p> <p>1 = Basic general education (9 grades) 2 = Secondary general education (11 grades) 3 = Short-time course or program on the base of secondary education, initial vocational education 4 = Incomplete higher education: (two years or more) 5 = Higher education: Bachelor or equivalent (three years or more) 6 = Higher education: Master or equivalent (five years or more), second university degree / Candidate or doctor degree</p>
Saudi Arabia	HQ-21	D	<p>Nationally defined options:</p> <p>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</p>
Serbia	HQ-21	D	<p>National options recoded for international comparability:</p> <p>1 = Primary school 2 = High school 3 = Option not administered or data not available 4 = Short cycle tertiary education 5 = Basic studies at university 6 = Postgraduate studies: Master's, professional Master's, or PhD</p>
Singapore	HQ-21	D	<p>Nationally defined options:</p> <p>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., PhD) degree</p>
Slovak Republic	HQ-21	D	<p>National options recoded for international comparability:</p> <p>1 = Primary school 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 or Doctoral study</p>
Slovenia	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Lower secondary education 2 = Upper secondary education 3 = After upper secondary education will finish post-secondary, non-tertiary education (high school) 4 = Short-cycle tertiary education (3-year study) 5 = University study of the first Bologna degree 6 = University study of the second Bologna degree or also reached Doctorate of science</p>
South Africa	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Grade 9 2 = Grade 12 3 = Post-matric certificate 4 = Diploma 5 = Bachelor's degree 6 = Postgraduate degree: Master's or Doctorate</p>

Spain	HQ-21	D	<p>National options recoded for international comparability:</p> <p>1 = Lower secondary education 2 = Baccalaureate, lower vocational training or equivalent 3 = Option not administered or data not available 4 = Upper vocational training, upper vocational training in Fine Arts and Design, Bachelor's degree, Engineering or Architecture 5 = University degree 6 = Master's or PhD</p>
Sweden	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Elementary school 2 = Secondary school 3 = Tertiary education, not university college 4 = Higher education up to 2 years (e.g., university college degree) 5 = University or university college degree (e.g., Bachelor's degree) 6 = Postgraduate education, (e.g., Masters, licentiate, or PhD degree)</p>
Turkey	HQ-21	D	<p>National options recoded for international comparability:</p> <p>1 = Secondary school 2 = High school 3 = Option not administered or data not available 4 = Two years college 5 = University 6 = Master of Science, Doctorate degree</p>
UAE, Abu Dhabi	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Some secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's degree or equivalent 6 = Beyond bachelor's degree (e.g., Master's of Arts, PhD)</p>
UAE, Dubai	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Some secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's degree or equivalent 6 = Beyond bachelor's degree (e.g., Master's of Arts, PhD)</p>
United Arab Emirates	HQ-21	D	<p>Nationally defined options:</p> <p>1 = Some secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's degree or equivalent 6 = Beyond bachelor's degree (e.g., Master's of Arts, PhD)</p>

HQ-22A-B

Question:

Which best describes the employment situation of the child's father (or stepfather or male guardian) and mother (or stepmother or female guardian)?

- A: Child's father
- B: Child's mother

- 1 = Working at least full-time for pay (this could be one or more full-time jobs or several part-time jobs that add up to full-time work)
- 2 = Working only part-time for pay
- 3 = Not working for pay
- 4 = Other
- 5 = Not applicable

Variable Name(s): ASBH22A, ASBH22B

Country	Item ID	Code	Documentation
Chile	HQ-22A-B	D	National categories recoded for international comparability: 1 = Working at least full-time for pay (this could be one or more full-time jobs or several part-time jobs that add up to full-time work) 2 = Working only part-time for pay 3 = Not working for pay 4 = Other 5 = Category not administered or data not available
Croatia	HQ-22A-B	D	Nationally defined categories: 1 = Working full-time (one or more full-time jobs or several part-time jobs that add up to full-time work) 2 = Working part-time 3 = Unemployed 4 = Other 5 = Not applicable
Netherlands	HQ-22A-B	D	National categories recoded for international comparability: 1 = Working at least full-time for pay for 36 hours or more (this could be one or more full-time jobs or several part-time jobs that add up to full-time work) 2 = Working only part-time for pay for 28 - 36 hours / Working only part-time for pay for 20 - 28 hours / Working only part-time for pay less than 20 hours 3 = Not working for pay 4 = Other 5 = Not applicable
Slovak Republic	HQ-22A-B	D	National categories recoded for international comparability: 1 = Working at least full-time for pay (this could be one or more full-time jobs or several part-time jobs that add up to full-time work) 2 = Working only part-time for pay 3 = Not working for pay (e.g., as a volunteer) / Unemployed 4 = Other (e.g., at maternity leave, retired) 5 = I cannot classify

HQ-23A-B

Question:

What kind of work do the child's father (or stepfather or male guardian) and mother (or stepmother or female guardian) do for their main jobs?

- A: Child's father
- B: Child's mother

- 1 = Has never worked for pay
- 2 = Small Business Owner
- 3 = Clerk
- 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 = Not applicable

Variable Name(s): ASBH23A, ASBH23B

Country	Item ID	Code	Documentation
Poland	HQ-23A-B	D	National categories recoded for international comparability: 1 = Has never worked for pay 2 = Small Business Owner 3 = Clerk 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

TIMSS
2015

SECTION 3:
FOURTH GRADE –
TEACHER
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

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> (If you have not completed <post-secondary or tertiary education>, go to #G6)
- 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
ARG, Buenos Aires	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary, non-tertiary education 4 = Tertiary education 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Australia	TQG-04	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = TAFE or college diploma 5 = Undergraduate or Bachelor's degree / Graduate or postgraduate diploma 6 = Master's degree 7 = PhD or Doctorate
Bahrain	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Diploma 4 = Postgraduate diploma 5 = Bachelor's 6 = Master's 7 = PhD
Belgium, Flemish	TQG-04	D	National options recoded for international comparability: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Specialization year, 1 additional year in secondary education after finishing 6 years of secondary education 4 = Higher vocational education after secondary education 5 = Professional Bachelor, a degree of higher education of 1 cycle (e.g., teacher, A1, graduate, ...) / Academic Bachelor 6 = Master or licentiate (higher education with 2 cycles or university) 7 = Doctor (PhD) at university

Bulgaria	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Vocational education after upper secondary education 4 = Higher education (Professional Bachelor) 5 = Higher education (Bachelor) 6 = Higher education (Master) 7 = Higher education (Doctor)
CAN, Ontario	TQG-04	D	Nationally defined options: 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
CAN, Quebec	TQG-04	D	Nationally defined options: 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
Canada	TQG-04	D	Nationally defined options: 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
Chile	TQG-04	D	National options recoded for international comparability: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Option not administered or data not available 4 = Program in a vocational education center / Program in a professional education center 5 = Program in a university 6 = Master's degree 7 = PhD
Chinese Taipei	TQG-04	D	National options recoded for international comparability: 1 = Did not finish the senior high school or the vocational school program 2 = Senior high school or the vocational school program 3 = Junior college or the two-year college program 4 = Option not administered or data not available 5 = Two-year college of technology or four-year college of technology program / University program 6 = Master program 7 = PhD program

Croatia	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Elementary school 2 = Three year high school 3 = Four year high school 4 = Non-university higher education (two or three years, university undergraduate education, Bachelor's degree) 5 = University education (graduate and postgraduate education, Master's degree) 6 = Master of science 7 = Doctor of science
Cyprus	TQG-04	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = Non-University diploma (e.g., Pedagogical Academy) 5 = Bachelor's Degree 6 = Master's Degree 7 = Doctorate
Czech Republic	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Extension study 4 = Higher professional school or conservatory 5 = University Bachelor's degree 6 = University Master's degree 7 = University Doctorate or equivalent
Denmark	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete high school (HF, HHX, or HTX) 2 = High school (HF, HHX, or HTX) 3 = Short education of less than 2 years 4 = Short or longer education of at least 2 years 5 = Bachelor level of at least 3 years 6 = Education of 5 years or longer 7 = Doctor or equivalent level
England	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete AS, A level or equivalent qualifications, e.g., NVQ at Level 3 or GNVQ 2 = AS, A level or equivalent qualifications, e.g., NVQ at Level 3 or GNVQ 3 = Higher Education Access Course 4 = Higher Education qualification below degree level e.g., NVQ level 4 or 5, Diploma, nursing qualification or higher level in HNC, HND or BTEC 5 = University degree (e.g., BA, BSc, BEd) 6 = Masters Degree 7 = Doctorate or higher degree (e.g., MPhil, PhD)
Finland	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = No upper secondary degree, academic or vocational 2 = Upper secondary degree, academic or vocational 3 = Special vocational degree 4 = Higher vocational degree 5 = Lower degree at the polytechnic or university, 3 years 6 = Higher degree at the polytechnic, 5 years or university 7 = Post-graduate degree at the university (licentiate or doctor)

France	TQG-04	D	<p>Nationally defined options:</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, etc.)</p> <p>5 = Degree or equivalent</p> <p>6 = Long university education (Master, DEA, DESS, etc.)</p> <p>7 = PhD or equivalent</p>
Georgia	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete General Education (before Grades 10-11)</p> <p>2 = Secondary level of General Education (Grades 10-11)</p> <p>3 = Vocational school</p> <p>4 = Higher vocational school</p> <p>5 = First degree higher education (4-year Bachelor's)</p> <p>6 = Further degrees of higher education (Master's 5-year education prior to 2005 equivalent to Master's)</p> <p>7 = Scientific degree (such as Candidate Doctor's or Doctor's)</p>
Germany	TQG-04	D	<p>Which educational degree do you have? / Which vocational degree do you have?</p> <p>National options recoded for international comparability:</p> <p>1 = [A = Omitted or invalid & B = No vocational degree, or None of these listed degrees]</p> <p>2 = [A = Omitted or invalid & B is any of (Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), None of these listed degrees, Omitted or invalid)] / [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (No vocational degree, None of these listed degrees, Omitted or invalid)] / [A = A level/general secondary certification & B is any of (No vocational degree, None of these listed degrees, Omitted or invalid)]</p> <p>3 = [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level))] / [A = A level/general secondary certification & B is any of (Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level))]</p> <p>4 = [A = Omitted or invalid & B is any of (Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration)] / [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration)] / [A = A level/general secondary certification & B is any of (Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration)]</p>

5 = [A = Omitted or invalid & B is any of (Bachelor's (university of applied science or university))] / [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (Bachelor's (university of applied science or university))] / [A = A level/general secondary certification & B is any of (Bachelor's (university of applied science or university))] / [A = College degree (bachelors), degree from a business academy or diploma; technical college degree & B is any of (No vocational degree, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Bachelor's (university of applied science or university), None of these listed degrees, Omitted or invalid)]

6 = [A = Omitted or invalid & B is any of (Master degree (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination)] / [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination)] / [A = A-level/general secondary certification & B is any of (Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination)] / [A = College degree (bachelor's), degree from a business academy or diploma; technical college degree & B is any of (Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination)] / [A = Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination)] / [A = College degree (masters, magister, diploma, state examination) & B is any of (No vocational degree, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Bachelor's (university of applied science or university), Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination, None of these listed degrees, Omitted or invalid)]

7 = [A = Omitted or invalid & B is any of (Ph.D)] / [A = Technical college certification/vocational school degree (teaching, apprenticeship) or vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (Ph.D)] / [A = A level/general secondary certification & B is any of (Ph.D)] / [A = College degree (bachelors), degree from a business academy or diploma; technical college degree & B is any of (Ph.D)] / [A = College degree (masters, magister, diploma, state examination) & B is any of (Ph.D)] / [A = Higher than a college degree (masters, magister, diploma, state examination), such as a Ph.D & B is any of (No vocational degree, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Bachelor's (university of applied science or university), Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Other degree obtained at a university (e.g. Diplom, Magister, First State examination), Second state examination, Ph.D, None of these listed degrees)]

Hong Kong SAR	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete senior secondary education 2 = Senior secondary education 3 = Vocational training after senior secondary education 4 = Completed a Certificate in Education (awarded by the Institute of Education or former Colleges of Education), diploma, or an associate degree 5 = Bachelor's degree 6 = Master's degree 7 = Doctoral degree
Hungary	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = I did not complete upper secondary education 2 = Upper secondary education mature 3 = Vocational programs (usually two years) based on Maturity examination 4 = Accredited post secondary vocational programs 5 = College or university BA level 6 = University or university MA level 7 = Higher than university or university MA level (e.g., PhD, University post-graduate program)
Indonesia	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 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
Iran, Islamic Rep. of	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Associated diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Ireland	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete Leaving Certificate 2 = Leaving Certificate 3 = PLC course or similar 4 = Third-level Certificate or Diploma 5 = University degree (e.g., Bachelor's) 6 = Master's or equivalent 7 = Doctorate or equivalent
Italy	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary degree, non-tertiary education 4 = Tertiary education level I 5 = Tertiary education level II or equivalent 6 = Master's or equivalent level 7 = Doctor or equivalent level

Japan	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary school 2 = Upper secondary school 3 = Advanced course of upper secondary school 4 = Junior college, college of technology, or specialized training college (post-secondary course) 5 = University or college 6 = Master's programs of graduate school 7 = Doctoral programs of graduate school
Jordan	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary, non-tertiary education - vocational education 4 = Community college diploma 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level
Kazakhstan	TQG-04	D	National options recoded for international comparability: 1 = Did not complete general secondary education 2 = General secondary education 3 = Technical or vocational education / Post-secondary education 4 = Option not administered or data not available 5 = Higher education (Bachelor degree) 6 = Postgraduate education (graduate school or Master degree) 7 = Doctorate (PhD)
Korea, Rep. of	TQG-04	D	National options recoded for international comparability: 1 = Did not complete high school 2 = High school 3 = Option not administered or data not available 4 = Two-year or three-year college 5 = Four-year university 6 = Graduate school for Master's degree 7 = Graduate school for Doctoral degree
Kuwait	TQG-04	D	Nationally defined options: 1 = Did not complete secondary level 2 = Secondary level 3 = Pre-university education (e.g., diploma) 4 = Technical or applied education 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level
Lithuania	TQG-04	D	Nationally defined options: 1 = Not completed secondary 2 = Secondary 3 = Vocational (already having secondary education) 4 = Further (finished further education school, technical school) 5 = Bachelor's (finish university) or vocational bachelor (finish college) degree 6 = Master's or higher degree 7 = Doctor's or higher degree

Morocco	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Preparatory classes (for entry to engineering schools) 4 = Diploma of university studies 5 = Bachelor degree or equivalent 6 = Masters degree 7 = Doctorate
Netherlands	TQG-04	D	National options recoded for international comparability: 1 = No education with diploma or lower secondary vocational education 2 = Upper secondary education 3 = Option not administered or data not available 4 = Short cycle tertiary education of 2-3 years 5 = Higher vocational education or Bachelor's 6 = Master's 7 = Doctor
New Zealand	TQG-04	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = College of Education diploma or other national or vocational diploma 5 = Bachelor's degree 6 = Bachelor's Honors, Post-graduate diploma, or Master's degree 7 = PhD
Northern Ireland	TQG-04	D	Nationally defined options: 1 = Did not complete A levels or equivalent 2 = A levels or equivalent 3 = Access course for higher education 4 = Certificate for higher education or HND 5 = Bachelor's degree 6 = Master's degree 7 = Doctorate
Norway	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Education beyond secondary school (not university or university college) 4 = University or university college, less than 3 years 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Norway (Grade 4)	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Education beyond secondary school (not university or university college) 4 = University or university college, less than 3 years 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Oman	TQG-04	D	Nationally defined options: 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

Poland	TQG-04	D	Nationally defined options: 1 = Unfinished upper secondary school 2 = Upper secondary school 3 = Post secondary, non-tertiary (e.g., Teacher study) 4 = Teacher college 5 = Higher Bachelor's or Engineer's study 6 = Higher Master's or Physician's study 7 = Doctorate
Portugal	TQG-04	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = Baccalaureate (3-year university degree) 5 = License (5-year university degree) 6 = Master's degree 7 = Doctorate degree
Qatar	TQG-04	D	National options recoded for international comparability: 1 = Did not complete secondary education 2 = Secondary education 3 = Diploma 4 = Option not administered or data not available 5 = Bachelor's degree or equivalent 6 = Master's degree or equivalent 7 = PhD or equivalent
Russian Federation	TQG-04	D	Nationally defined options: 1 = Basic general education 2 = Secondary general education 3 = Short-time course or program on the base of secondary education, initial vocational education 4 = Incomplete higher education: (two years or more) 5 = Higher education: Bachelor or equivalent (three years or more) 6 = Higher education: Master or equivalent (five years or more), second university degree 7 = Candidate or Doctor degree
Saudi Arabia	TQG-04	D	Nationally defined options: 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
Serbia	TQG-04	D	Nationally defined options: 1 = Not completed secondary education 2 = Secondary education 3 = Post secondary, non tertiary education 4 = Short cycle tertiary education 5 = Basic university studies 6 = Magisterium, specialist or master studies 7 = Doctorate or PhD studies

Singapore	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary 2 = Upper secondary 3 = Post-secondary, non-tertiary (e.g., JC, CI, ITE) 4 = Polytechnic 5 = University Bachelor's degree 6 = Master's degree 7 = Doctoral (e.g., PhD) degree
Slovak Republic	TQG-04	D	Nationally defined options: 1 = Incomplete secondary education 2 = Secondary education 3 = Post-secondary education 4 = Higher professional education 5 = Bachelor's study 6 = University education - 2nd stage (Master's degree) 7 = University education - 3rd stage (PhD. degree)
Slovenia	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education (high school) 4 = Short-cycle tertiary education (2-year old study programs, also teacher college or vocational oriented study) 5 = University study of the first Bologna degree 6 = University 4 year study (old programs) or university study of the second Bologna degree or master of science 7 = Doctorate of science
South Africa	TQG-04	D	National options recoded for international comparability: 1 = Did not complete Grade 12 2 = Grade 12 3 = Post-matric certificate 4 = Diploma 5 = First degree / Honours degree 6 = Master's degree 7 = Doctoral degree
Spain	TQG-04	D	National options recoded for international comparability: 1 = Did not complete Baccalaureate or Vocational Training 2 = Baccalaureate or Vocational Training 3 = Option not administered or data not available 4 = Upper Vocational Training, Bachelor's degree, Engineering or Architecture 5 = University degree 6 = Master's degree 7 = PhD
Sweden	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Tertiary education, not university college 4 = Higher education up to 2 years (e.g., university college degree) 5 = University or university college degree (e.g., Bachelor's degree) 6 = University or university college degree (e.g., Master's degree) 7 = Postgraduate education (e.g., licentiate or PhD degree)

Turkey	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = Associate degree (2 years college) 5 = Bachelor of Science (4 years) 6 = Master of Science or Doctorate 7 = Option not administered or data not available</p>
UAE, Abu Dhabi	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of Arts degree, M.Sc) 7 = Doctor's or equivalent</p>
UAE, Dubai	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of Arts degree, M.Sc) 7 = Doctor's or equivalent</p>
United Arab Emirates	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of Arts degree, M.Sc) 7 = Doctor's or equivalent</p>
United States	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete high school 2 = High school graduate 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) 7 = Doctorate (PhD or EdD)</p>
USA, Florida	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete high school 2 = High school graduate 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) 7 = Doctorate (PhD or EdD)</p>

TQG-05AA-AF

Question:

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

A: Education—Primary/Elementary

B: Education—Secondary

C: Mathematics

D: Science

E: <language of test>

F: Other

1 = Yes

2 = No

Variable Name(s): ATBG05AA, ATBG05AB, ATBG05AC, ATBG05AD, ATBG05AE, ATBG05AF

Country	Item ID	Code	Documentation
Belgium, Flemish	TQG-05AA	D	Professional Bachelor in education - kindergarten / Professional Bachelor in education - lower education
Belgium, Flemish	TQG-05AA-AB,AF	D	Stem of the question changed: Which teacher training did you complete with a diploma?
Belgium, Flemish	TQG-05AB	D	Professional Bachelor's in education - secondary education / Specific teacher education (aggregation/academic teacher course, D-course, diploma pedagogical competencies)
Belgium, Flemish	TQG-05AC-AE	X	Option not administered or data not available
Bulgaria	TQG-05AE	D	Bulgarian philology
Croatia	TQG-05AA-AE	X	Option not administered or data not available
Cyprus	TQG-05AA-AF	D	Tertiary education
France	TQG-05AA-AF	D	Stem of the question changed: After baccalaureate what were your major fields of study?
Georgia	TQG-05AE	D	Georgian language and literature
Germany	TQG-05AD	D	Biology / Geography / Chemistry / Physics / Science
Germany	TQG-05AF	D	Education—Special Needs / Foreign language / Other
Hungary	TQG-05AA	D	Primary school teacher (grades 1-4) / Primary school teacher (grades 5-8) of any specialization
Hungary	TQG-05AA-AF	D	Stem of the question changed: Which majors have you finished your tertiary education in?
Hungary	TQG-05AE	D	Hungarian grammar and literature
Iran, Islamic Rep. of	TQG-05AE	D	Farsi literature
Ireland	TQG-05AA-AF	D	Third-level
Kazakhstan	TQG-05AA-AF	D	Stem of the question changed: What was your main area(s) of your vocational education?
Korea, Rep. of	TQG-05AA-AF	D	Stem of the question changed: What was your major of the study degree?
Kuwait	TQG-05AA-AF	D	Pre-university
Lithuania	TQG-05AE	D	Lithuanian (ITLANG = 22) / Polish (ITLANG = 27) / Russian (ITLANG = 29)

Netherlands	TQG-05AA	D	4-year teacher training for primary school teachers (PABO) / 2-year PABO / Teacher training for kindergarten teachers (PO)
Netherlands	TQG-05AA-AB,AF	D	Stem of the question changed: Which teacher training did you complete with a diploma?
Netherlands	TQG-05AB	D	Teacher training for secondary school teachers
Netherlands	TQG-05AC-AE	X	Option not administered or data not available
Netherlands	TQG-05AF	D	Not yet finished
Poland	TQG-05AB	X	Option not administered or data not available
Poland	TQG-05AD	D	Geography / Biology / Chemistry / Physics
Portugal	TQG-05AA-AF	D	Tertiary
Russian Federation	TQG-05AA-AF	D	Stem of the question changed: What were the major or main areas of your professional education?
Slovak Republic	TQG-05AF	D	For ITLANG = 17 ("Hungarian"): Slovak language / Other For ITLANG = 30 ("Slovak"): Hungarian language / Other
South Africa	TQG-05AA-AF	D	Tertiary
Turkey	TQG-05AA-AF	D	Stem of the question changed: During your higher education training, what was your major or main area(s) of study?
United States	TQG-05AA-AF	D	College or university
USA, Florida	TQG-05AA-AF	D	College or university

TQG-05BA-BD

Question:

If your major or main area of study was education, did you have a <specialization> in any of the following?

- A: Mathematics
- B: Science
- C: Language/reading
- D: Other subject

- 1 = Yes
- 2 = No

Variable Name(s): ATBG05BA, ATBG05BB, ATBG05BC, ATBG05BD

Country	Item ID	Code	Documentation
Croatia	TQG-05BA-BD	D	Stem of the question changed: If you went to Faculty (Academia) of Education, did you have specialization in any of the following areas?
Croatia	TQG-05BC	D	Croatian language
Germany	TQG-05BB	D	Biology / Geography / Chemistry / Physics / Science
Hungary	TQG-05BC	D	Hungarian language and literature
Ireland	TQG-05BA-BD	D	Stem of the question changed: If your major or main area of study was education, did you have a specialization within education (e.g., an elective course) in any of the following?
Italy	TQG-05BA-BD	D	Stem of the question changed: If your major or main area of study was primary educational sciences or educational sciences, did you attend a specialized course in any of the following disciplines?
Kazakhstan	TQG-05BC	D	Russian language or reading (if ITLANG = 29) / Kazakh language or reading (if ITLANG = 39)
Poland	TQG-05BA-BD	D	Stem of the question changed: What subjects you are entitled to teach?
Russian Federation	TQG-05BC	D	Russian language or reading
Singapore	TQG-05BC	D	English language or reading
Slovak Republic	TQG-05BD	D	For ITLANG = 17 ("Hungarian"): Slovak language or reading / Other subject For ITLANG = 30 ("Slovak"): Hungarian language or reading / Other subject
Sweden	TQG-05BA-BD	D	Orientation

TQG-07A-H

Question:

Thinking about your current school, indicate the extent to which you agree or disagree with each of the following statements.

- A: This school is located in a safe neighborhood
- B: I feel safe at this school
- C: This school's security policies and practices are sufficient
- D: The students behave in an orderly manner
- E: The students are respectful of the teachers
- F: The students respect school property
- G: This school has clear rules about student conduct
- H: This school's rules are enforced in a fair and consistent manner

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

Variable Name(s): ATBG07A, ATBG07B, ATBG07C, ATBG07D, ATBG07E, ATBG07F, ATBG07G, ATBG07H

Country	Item ID	Code	Documentation
Serbia	TQG-07A-H	D	Nationally defined categories: 1 = I agree completely 2 = I agree more than I disagree 3 = I do not agree more than I agree 4 = I do not agree at all

TQG-09A-G

Question:

How often do you have the following types of interactions with other teachers?

- A: Discuss how to teach a particular topic
- B: Collaborate in planning and preparing instructional materials
- C: Share what I have learned about my teaching experiences
- D: Visit another classroom to learn more about teaching
- E: Work together to try out new ideas
- F: Work as a group on implementing the curriculum
- G: Work with teachers from other grades to ensure continuity in learning

- 1 = Very often
- 2 = Often
- 3 = Sometimes
- 4 = Never or almost never

Variable Name(s): ATBG09A, ATBG09B, ATBG09C, ATBG09D, ATBG09E, ATBG09F, ATBG09G

Country	Item ID	Code	Documentation
Bulgaria	TQG-09F	D	Work with other teachers on implementing the school development strategy

TQG-11A-H

Question:

Indicate the extent to which you agree or disagree with each of the following statements.

- A: There are too many students in the classes
- B: I have too much material to cover in class
- C: I have too many teaching hours
- D: I need more time to prepare for class
- E: I need more time to assist individual students
- F: I feel too much pressure from parents
- G: I have difficulty keeping up with all of the changes to the curriculum
- H: I have too many administrative tasks

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

Variable Name(s): ATBG11A, ATBG11B, ATBG11C, ATBG11D, ATBG11E, ATBG11F, ATBG11G, ATBG11H

Country	Item ID	Code	Documentation
Singapore	TQG-11A-H	X	Question not administered or data not available
Slovak Republic	TQG-11G	D	I have difficulty keeping up with all of the changes to state/school educational program

TQG-12B

Question:

How many of the students in #G12A are in <fourth grade>?

Variable Name(s): ATBG12B

Country	Item ID	Code	Documentation
Hungary	TQG-12B	D	Gang punched to teachers' responses to question G12A "How many students are in this class?"
Italy	TQG-12B	X	Option not administered or data not available
Lithuania	TQG-12B	D	Gang punched to teachers' responses to question G12A "How many students are in this class?"
Netherlands	TQG-12B	D	Gang punched to teachers' responses to question G12A "How many students are in this class?"
Russian Federation	TQG-12B	X	Option not administered or data not available
Singapore	TQG-12B	D	Gang punched to teachers' responses to question G12A "How many students are in this class?"
Slovak Republic	TQG-12B	D	Question instruction added: Previous question was stated because, in this research, there are some classes that are multigrade. If you are a teacher in such a class, we ask you to fill data that regard only the fourth-grade students in your class.
Turkey	TQG-12B	D	Gang punched to teachers' responses to question G12A "How many students are in this class?"

TQG-13

Question:

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

Variable Name(s): ATBG13

Country	Item ID	Code	Documentation
Lithuania	TQG-13	D	Language students are taught

TQG-15A-G

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: Disruptive students
 - E: Uninterested students
 - F: Students with physical disabilities
 - G: Students with mental, emotional, or psychological disabilities
- 1 = Not at all
2 = Some
3 = A lot

Variable Name(s): ATBG15A, ATBG15B, ATBG15C, ATBG15D, ATBG15E, ATBG15F, ATBG15G

Country	Item ID	Code	Documentation
Bulgaria	TQG-15G	D	Students with intellectual difficulties

TQM-02A-I

Question:

In teaching mathematics to this class, how would you characterize your confidence in doing the following?

- A: Inspiring students to learn mathematics
- B: Showing students a variety of problem solving strategies
- C: Providing challenging tasks for the highest achieving students
- D: Adapting my teaching to engage students' interest
- E: Helping students appreciate the value of learning mathematics
- F: Assessing student comprehension of mathematics
- G: Improving the understanding of struggling students
- H: Making mathematics relevant to students
- I: Developing students' higher-order thinking skills

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

Variable Name(s): ATBM02A, ATBM02B, ATBM02C, ATBM02D, ATBM02E, ATBM02F, ATBM02G, ATBM02H, ATBM02I

Country	Item ID	Code	Documentation
Bulgaria	TQM-02A-I	D	Nationally defined categories: 1 = Extremely confident 2 = Very confident 3 = Somewhat confident 4 = Not confident
Germany	TQM-02A-I	D	Nationally defined options: 1 = Very confident 2 = Confident 3 = Somewhat confident 4 = Unconfident
Russian Federation	TQM-02A-I	D	Nationally defined categories: 1 = Very confident 2 = Confident 3 = Somewhat confident 4 = Not confident

TQM-05A

Question:

Do the students in this class have computers (including tablets) available to use during their mathematics lessons?

- 1 = Yes
- 2 = No

Variable Name(s): ATBM05A

Country	Item ID	Code	Documentation
Germany	TQM-05A	D	Do the students in this class have computers available to use during their mathematics lessons? / Do the students in this class have tablets available to use during their mathematics lessons?

TQM-06AA-AH

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

- A: Concepts of whole numbers, including place value and ordering
- B: Adding, subtracting, multiplying, and/or dividing with whole numbers
- C: Concepts of multiples and factors; odd and even numbers
- D: Concepts of fractions (fractions as parts of a whole or of a collection, or as a location on a number line)
- E: Adding and subtracting with fractions, comparing and ordering fractions
- F: Concepts of decimals, including place value and ordering, adding and subtracting with decimals
- G: Number sentences (finding the missing number, modeling simple situations with number sentences)
- H: Number patterns (extending number patterns and finding missing terms)

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): ATBM06AA, ATBM06AB, ATBM06AC, ATBM06AD, ATBM06AE, ATBM06AF, ATBM06AG, ATBM06AH

Country	Item ID	Code	Documentation
Russian Federation	TQM-06AA-AH	X	Option not administered or data not available

TQM-06BA-BG

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

- A: Lines: measuring, estimating length of; parallel and perpendicular lines
- B: Comparing and drawing angles
- C: Using informal coordinate systems to locate points in a plane (e.g., in square B4)
- D: Elementary properties of common geometric shapes
- E: Reflections and rotations
- F: Relationships between two-dimensional and three-dimensional shapes
- G: Finding and estimating areas, perimeters, and volumes

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): ATBM06BA, ATBM06BB, ATBM06BC, ATBM06BD, ATBM06BE, ATBM06BF, ATBM06BG

Country	Item ID	Code	Documentation
Russian Federation	TQM-06BA-BG	X	Option not administered or data not available

TQM-06CA-CB

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

A: Reading and representing data from tables, pictographs, bar graphs, or pie charts

B: Drawing conclusions from data displays

1 = Mostly taught before this year

2 = Mostly taught this year

3 = Not yet taught or just introduced

Variable Name(s): ATBM06CA, ATBM06CB

Country	Item ID	Code	Documentation
Russian Federation	TQM-06CA-CB	X	Option not administered or data not available

TQM-10

Question:

In the past two years, how many hours in total have you spent in formal <in-service/professional development> (e.g., workshops, seminars, etc.) for mathematics?

1 = None

2 = Less than 6 hours

3 = 6–15 hours

4 = 16–35 hours

5 = More than 35 hours

Variable Name(s): ATBM10

Country	Item ID	Code	Documentation
Denmark	TQM-10	D	Subject orientated training
England	TQM-10	D	Stem of the question changed: In the past two years, how many hours in total have you spent in formal INSET/CPD (e.g., workshops, seminars, etc.) for maths?
Germany	TQM-10	D	Service training
Lithuania	TQM-10	D	Refresher course

TQM-11AA-AH

Question:

How well prepared do you feel you are to teach the following mathematics topics?
If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Concepts of whole numbers, including place value and ordering
- B: Adding, subtracting, multiplying, and/or dividing with whole numbers
- C: Concepts of multiples and factors; odd and even numbers
- D: Concepts of fractions (fractions as parts of a whole or of a collection, or as a location on a number line)
- E: Adding and subtracting with fractions, comparing and ordering fractions
- F: Concepts of decimals, including place value and ordering, adding and subtracting with decimals
- G: Number sentences (finding the missing number, modeling simple situations with number sentences)
- H: Number patterns (extending number patterns and finding missing terms)

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): ATBM11AA, ATBM11AB, ATBM11AC, ATBM11AD, ATBM11AE, ATBM11AF, ATBM11AG, ATBM11AH

Country	Item ID	Code	Documentation
Russian Federation	TQM-11AA-AH	X	Option not administered or data not available

TQM-11BA-BG

Question:

How well prepared do you feel you are to teach the following mathematics topics?
If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Lines: measuring, estimating length of; parallel and perpendicular lines
- B: Comparing and drawing angles
- C: Using informal coordinate systems to locate points in a plane (e.g., in square B4)
- D: Elementary properties of common geometric shapes
- E: Reflections and rotations
- F: Relationships between two-dimensional and three-dimensional shapes
- G: Finding and estimating areas, perimeters, and volumes

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): ATBM11BA, ATBM11BB, ATBM11BC, ATBM11BD, ATBM11BE, ATBM11BF, ATBM11BG

Country	Item ID	Code	Documentation
Russian Federation	TQM-11BA-BG	X	Option not administered or data not available

TQM-11CA-CB

Question:

How well prepared do you feel you are to teach the following mathematics topics?
If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

A: Reading and representing data from tables, pictographs, bar graphs, or pie charts

B: Drawing conclusions from data displays

1 = Not applicable

2 = Very well prepared

3 = Somewhat prepared

4 = Not well prepared

Variable Name(s): ATBM11CA, ATBM11CB

Country	Item ID	Code	Documentation
Russian Federation	TQM-11CA-CB	X	Option not administered or data not available

TQS-01A

Question:

Is science taught mainly as a separate subject (i.e., not integrated with other subjects) to the students in this class?

1 = Yes

2 = No

Variable Name(s): ATBS01A

Country	Item ID	Code	Documentation
Poland	TQS-01A	D	Gang punched to "Yes"

TQS-01B

Question:

Please estimate the time that you spend on science topics with students in this class.

Variable Name(s): ATBS01B

Country	Item ID	Code	Documentation
Belgium, Flemish	TQS-01B	X	Option not administered or data not available

TQS-05AA-AG

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

- A: Characteristics of living things and the major groups of living things (e.g., mammals, birds, insects, flowering plants)
- B: Major body structures and their functions in humans, other animals, and plants
- C: Life cycles of common plants and animals (e.g., humans, butterflies, frogs, flowering plants)
- D: Understanding that some characteristics are inherited and some are the result of the environment
- E: How physical features and behaviors help living things survive in their environments
- F: Relationships in communities and ecosystems (e.g., simple food chains, predator-prey relationships, human impacts on the environment)
- G: Human health (transmission and prevention of diseases, symptoms of health and illness, importance of a healthy diet and exercise)

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): ATBS05AA, ATBS05AB, ATBS05AC, ATBS05AD, ATBS05AE, ATBS05AF, ATBS05AG

Country	Item ID	Code	Documentation
Russian Federation	TQS-05AA-AG	X	Option not administered or data not available

TQS-05BA-BI

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

- A: States of matter (solid, liquid, gas) and properties of the states of matter (volume, shape); how the state of matter changes by heating or cooling
- B: Classifying materials based on physical properties (e.g., weight/mass, volume, conducting heat, conducting electricity, magnetic attraction)
- C: Mixtures and how to separate a mixture into its components (e.g., sifting, filtering, evaporation, using a magnet)
- D: Chemical changes in everyday life (e.g., decaying, burning, rusting, cooking)
- E: Common sources of energy (e.g., the Sun, electricity, wind) and uses of energy (heating and cooling homes, providing light)
- F: Light and sound in everyday life (e.g., understanding shadows and reflection, understanding that vibrating objects make sound)
- G: Electricity and simple circuits (e.g., identifying materials that are conductors, recognizing that electricity can be changed to light or sound, knowing that a circuit must be complete to work correctly)
- H: Properties of magnets (e.g., knowing that like poles repel and opposite poles attract, recognizing that magnets can attract some objects)
- I: Forces that cause objects to move (e.g., gravity, pushing/pulling)

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): ATBS05BA, ATBS05BB, ATBS05BC, ATBS05BD, ATBS05BE, ATBS05BF, ATBS05BG, ATBS05BH, ATBS05BI

Country	Item ID	Code	Documentation
Russian Federation	TQS-05BA-BI	X	Option not administered or data not available

TQS-05CA-CG

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <fourth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

A: Common features of the Earth’s landscape (e.g., mountains, plains, deserts, rivers, oceans) and their relationship to human use (farming, irrigation, land development)

B: Where water is found on the Earth and how it moves in and out of the air (e.g., evaporation, rainfall, cloud formation, dew formation)

C: Understanding that weather can change from day to day, from season to season, and by geographic location

D: Understanding what fossils are and what they can tell us about past conditions on Earth

E: Objects in the solar system (the Sun, the Earth, the Moon, and other planets) and their movements (the Earth and other planets revolve around the Sun, the Moon revolves around the Earth)

F: Understanding how day and night result from the Earth’s rotation on its axis and how the Earth’s rotation results in changing shadows throughout the day

G: Understanding how seasons are related to the Earth’s annual movement around the Sun

1 = Mostly taught before this year

2 = Mostly taught this year

3 = Not yet taught or just introduced

Variable Name(s): ATBS05CA, ATBS05CB, ATBS05CC, ATBS05CD, ATBS05CE, ATBS05CF, ATBS05CG

Country	Item ID	Code	Documentation
Russian Federation	TQS-05CA-CG	X	Option not administered or data not available

TQS-09

Question:

In the past two years, how many hours in total have you spent in formal <in-service/professional development> (e.g., workshops, seminars, etc.) for science?

1 = None

2 = Less than 6 hours

3 = 6–15 hours

4 = 16–35 hours

5 = More than 35 hours

Variable Name(s): ATBS09

Country	Item ID	Code	Documentation
Denmark	TQS-09	D	Subject orientated training
England	TQS-09	D	Stem of the question changed: In the past two years, how many hours in total have you spent in formal INSET/CPD (e.g., workshops, seminars, etc.) for science?
Germany	TQS-09	D	Service training
Lithuania	TQS-09	D	Refresher course

TQS-10AA-AG

Question:

How well prepared do you feel you are to teach the following science topics?
If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Characteristics of living things and the major groups of living things (e.g., mammals, birds, insects, flowering plants)
- B: Major body structures and their functions in humans, other animals, and plants
- C: Life cycles of common plants and animals (e.g., humans, butterflies, frogs, flowering plants)
- D: Understanding that some characteristics are inherited and some are the result of the environment
- E: How physical features and behaviors help living things survive in their environments
- F: Relationships in communities and ecosystems (e.g., simple food chains, predator-prey relationships, human impacts on the environment)
- G: Human health (transmission and prevention of diseases, symptoms of health and illness, importance of a healthy diet and exercise)

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): ATBS10AA, ATBS10AB, ATBS10AC, ATBS10AD, ATBS10AE, ATBS10AF, ATBS10AG

Country	Item ID	Code	Documentation
Russian Federation	TQS-10AA-AG	X	Option not administered or data not available

TQS-10BA-BI

Question:

How well prepared do you feel you are to teach the following science topics?
If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: States of matter (solid, liquid, gas) and properties of the states of matter (volume, shape); how the state of matter changes by heating or cooling
- B: Classifying materials based on physical properties (e.g., weight/mass, volume, conducting heat, conducting electricity, magnetic attraction)
- C: Mixtures and how to separate a mixture into its components (e.g., sifting, filtering, evaporation, using a magnet)
- D: Chemical changes in everyday life (e.g., decaying, burning, rusting, cooking)
- E: Common sources of energy (e.g., the Sun, electricity, wind) and uses of energy (heating and cooling homes, providing light)
- F: Light and sound in everyday life (e.g., understanding shadows and reflection, understanding that vibrating objects make sound)
- G: Electricity and simple circuits (e.g., identifying materials that are conductors, recognizing that electricity can be changed to light or sound, knowing that a circuit must be complete to work correctly)
- H: Properties of magnets (e.g., knowing that like poles repel and opposite poles attract, recognizing that magnets can attract some objects)
- I: Forces that cause objects to move (e.g., gravity, pushing/pulling)

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): ATBS10BA, ATBS10BB, ATBS10BC, ATBS10BD, ATBS10BE, ATBS10BF, ATBS10BG, ATBS10BH, ATBS10BI

Country	Item ID	Code	Documentation
Russian Federation	TQS-10BA-BI	X	Option not administered or data not available

TQS-10CA-CG

Question:

How well prepared do you feel you are to teach the following science topics?

If a topic is not in the <fourth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

A: Common features of the Earth's landscape (e.g., mountains, plains, deserts, rivers, oceans) and their relationship to human use (farming, irrigation, land development)

B: Where water is found on the Earth and how it moves in and out of the air (e.g., evaporation, rainfall, cloud formation, dew formation)

C: Understanding that weather can change from day to day, from season to season, and by geographic location

D: Understanding what fossils are and what they can tell us about past conditions on Earth

E: Objects in the solar system (the Sun, the Earth, the Moon, and other planets) and their movements (the Earth and other planets revolve around the Sun, the Moon revolves around the Earth)

F: Understanding how day and night result from the Earth's rotation on its axis and how the Earth's rotation results in changing shadows throughout the day

G: Understanding how seasons are related to the Earth's annual movement around the Sun

1 = Not applicable

2 = Very well prepared

3 = Somewhat prepared

4 = Not well prepared

Variable Name(s): ATBS10CA, ATBS10CB, ATBS10CC, ATBS10CD, ATBS10CE, ATBS10CF, ATBS10CG

Country	Item ID	Code	Documentation
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Russian Federation	TQS-10CA-CG	X	Option not administered or data not available
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TIMSS
2015

SECTION 4:
FOURTH GRADE –
SCHOOL
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

SCQ-01

Question:

What is the total enrollment of students in your school as of <first day of month TIMSS testing begins, 2015>?

Variable Name(s): ACBG01

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-01	D	October 1, 2014
Australia	SCQ-01	D	October 1, 2014
Bahrain	SCQ-01	D	March 1, 2015
Belgium, Flemish	SCQ-01	D	On the day that the TIMSS test is administered
Bulgaria	SCQ-01	D	March 1, 2015
CAN, Ontario	SCQ-01	D	April 1, 2015
CAN, Quebec	SCQ-01	D	April 1, 2015
Canada	SCQ-01	D	April 1, 2015
Chile	SCQ-01	D	November 1, 2014
Chinese Taipei	SCQ-01	D	May 1, 2015
Croatia	SCQ-01	D	April 1, 2015
Cyprus	SCQ-01	D	March 1, 2015
Czech Republic	SCQ-01	D	May 1, 2015
Denmark	SCQ-01	D	March 1, 2015
England	SCQ-01	D	March 1, 2015
Finland	SCQ-01	D	March 1, 2015
France	SCQ-01	D	April 1, 2015
Georgia	SCQ-01	D	April 1, 2015
Germany	SCQ-01	D	May 1, 2015
Hong Kong SAR	SCQ-01	D	April 1, 2015
Hungary	SCQ-01	D	March 1, 2015
Indonesia	SCQ-01	D	April 1, 2015
Iran, Islamic Rep. of	SCQ-01	D	April 1, 2015
Ireland	SCQ-01	D	April 1, 2015
Italy	SCQ-01	D	March 1, 2015
Japan	SCQ-01	D	March 1, 2015
Jordan	SCQ-01	D	April 1, 2015
Kazakhstan	SCQ-01	D	April 1, 2015

Korea, Rep. of	SCQ-01	D	December 1, 2014
Kuwait	SCQ-01	D	April 1, 2015
Lithuania	SCQ-01	D	March 1, 2015
Morocco	SCQ-01	D	May 1, 2015
Netherlands	SCQ-01	D	The day that the TIMSS test is administered
New Zealand	SCQ-01	D	October 1, 2014
Northern Ireland	SCQ-01	D	May 1, 2015
Norway	SCQ-01	D	March 1, 2015
Norway (Grade 4)	SCQ-01	D	March 1, 2015
Oman	SCQ-01	D	April 1, 2015
Poland	SCQ-01	D	April 1, 2015
Portugal	SCQ-01	D	March 1, 2015
Qatar	SCQ-01	D	April 1, 2015
Russian Federation	SCQ-01	D	April 1, 2015
Saudi Arabia	SCQ-01	D	May 4, 2015
Serbia	SCQ-01	D	May 1, 2015
Singapore	SCQ-01	D	October 1, 2014
Slovak Republic	SCQ-01	D	May 1, 2015
Slovenia	SCQ-01	D	This school year
South Africa	SCQ-01	D	October 1, 2014
Spain	SCQ-01	D	March 1, 2015
Sweden	SCQ-01	D	March 1, 2015
Turkey	SCQ-01	D	March 2, 2015
UAE, Abu Dhabi	SCQ-01	D	February 1, 2015
UAE, Dubai	SCQ-01	D	February 1, 2015
United Arab Emirates	SCQ-01	D	February 1, 2015
United States	SCQ-01	D	March 1, 2015
USA, Florida	SCQ-01	D	March 1, 2015

SCQ-02

Question:

What is the total enrollment of <fourth grade> students in your school as of <first day of month TIMSS testing begins, 2015>?

Variable Name(s): ACBG02

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-02	D	October 1, 2014
Australia	SCQ-02	D	October 1, 2014
Bahrain	SCQ-02	D	March 1, 2015
Belgium, Flemish	SCQ-02	D	On the day that the TIMSS test is administered
Bulgaria	SCQ-02	D	March 1, 2015
CAN, Ontario	SCQ-02	D	April 1, 2015
CAN, Quebec	SCQ-02	D	April 1, 2015
Canada	SCQ-02	D	April 1, 2015
Chile	SCQ-02	D	November 1, 2014
Chinese Taipei	SCQ-02	D	May 1, 2015
Croatia	SCQ-02	D	April 1, 2015
Cyprus	SCQ-02	D	March 1, 2015
Czech Republic	SCQ-02	D	May 1, 2015
Denmark	SCQ-02	D	March 1, 2015
England	SCQ-02	D	March 1, 2015
Finland	SCQ-02	D	March 1, 2015
France	SCQ-02	D	April 1, 2015
Georgia	SCQ-02	D	April 1, 2015
Germany	SCQ-02	D	May 1, 2015
Hong Kong SAR	SCQ-02	D	April 1, 2015
Hungary	SCQ-02	D	March 1, 2015
Indonesia	SCQ-02	D	April 1, 2015
Iran, Islamic Rep. of	SCQ-02	D	April 1, 2015
Ireland	SCQ-02	D	April 1, 2015
Italy	SCQ-02	D	March 1, 2015
Japan	SCQ-02	D	March 1, 2015
Jordan	SCQ-02	D	April 1, 2015
Kazakhstan	SCQ-02	D	April 1, 2015

Korea, Rep. of	SCQ-02	D	December 1, 2014
Kuwait	SCQ-02	D	April 1, 2015
Lithuania	SCQ-02	D	March 1, 2015
Morocco	SCQ-02	D	May 1, 2015
Netherlands	SCQ-02	D	The day that the TIMSS test is administered
New Zealand	SCQ-02	D	October 1, 2014
Northern Ireland	SCQ-02	D	May 1, 2015
Norway	SCQ-02	D	March 1, 2015
Norway (Grade 4)	SCQ-02	D	March 1, 2015
Oman	SCQ-02	D	April 1, 2015
Poland	SCQ-02	D	April 1, 2015
Portugal	SCQ-02	D	March 1, 2015
Qatar	SCQ-02	D	April 1, 2015
Russian Federation	SCQ-02	D	April 1, 2015
Saudi Arabia	SCQ-02	D	May 4, 2015
Serbia	SCQ-02	D	May 1, 2015
Singapore	SCQ-02	D	October 1, 2014
Slovak Republic	SCQ-02	D	May 1, 2015
Slovenia	SCQ-02	D	Stem of the question changed: What is the total enrollment of grade 4 students in your school?
South Africa	SCQ-02	D	October 1, 2014
Spain	SCQ-02	D	March 1, 2015
Sweden	SCQ-02	D	March 1, 2015
Turkey	SCQ-02	D	March 2, 2015
UAE, Abu Dhabi	SCQ-02	D	February 1, 2015
UAE, Dubai	SCQ-02	D	February 1, 2015
United Arab Emirates	SCQ-02	D	February 1, 2015
United States	SCQ-02	D	March 1, 2015
USA, Florida	SCQ-02	D	March 1, 2015

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
Kazakhstan	SCQ-03A	D	Come from socially disadvantaged families
Kazakhstan	SCQ-03B	D	Come from socially affluent families

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
Belgium, Flemish	SCQ-04	D	Dutch or Flemish
CAN, Ontario	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)
CAN, Quebec	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)
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)
Germany	SCQ-04	D	National options recoded for international comparability: 1 = More than 90% 2 = 76 to 90% 3 = 51 to 75% 4 = 26 to 50% 5 = 10% to 25% / Less than 10%

Ireland	SCQ-04	D	Stem of the question changed: Approximately what percentage of pupils in your school are native English or Irish speakers?
Lithuania	SCQ-04	D	The language they are taught
Singapore	SCQ-04	D	Gang punched to "25% or less"

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
ARG, Buenos Aires	SCQ-05A	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 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
Australia	SCQ-05A	D	National options 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
Singapore	SCQ-05A	D	Gang punched to "More than 500,000 people"

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
ARG, Buenos Aires	SCQ-05B	D	National options recoded for international comparability: 1 = Urban–densely populated 2 = Suburban–on fringe or outskirts of urban area 3 = Option not administered or data not available 4 = Option not administered or data not available 5 = Option not administered or data not available
Kuwait	SCQ-05B	D	National options recoded for international comparability: 1 = Area with dense population 2 = Option not administered or data not available 3 = Area with medium size population 4 = Area with small size population 5 = Remote area
Singapore	SCQ-05B	D	Gang punched to "Urban–Densely populated"
Slovak Republic	SCQ-05B	D	National options recoded for international comparability: 1 = Urban–Densely populated 2 = Suburban–On fringe or outskirts of urban area 3 = Medium size town 4 = Small town / Village 5 = Option not administered or data not available

SCQ-06A-B

Question:

Does your school provide free meals for students?

- A: Breakfast
- B: Lunch

- 1 = Yes, for all students
- 2 = Yes, for some students
- 3 = No

Variable Name(s): ACBG06A, ACBG06B

Country	Item ID	Code	Documentation
Netherlands	SCQ-06A-B	X	Option not administered or data not available
New Zealand	SCQ-06A-B	D	Stem of the question changed: Does your school provide free meals for students (include meals provided by charitable organizations)?
Slovak Republic	SCQ-06B	D	Midmorning snack / Lunch
Sweden	SCQ-06B	D	Gang punched to "Yes, for all students"

SCQ-07A-D

Question:

To what degree are the following health topics emphasized in your school?

- A: Washing hands
- B: Brushing teeth
- C: A healthy diet/nutrition
- D: Disease prevention

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

Variable Name(s): ACBG07A, ACBG07B, ACBG07C, ACBG07D

Country	Item ID	Code	Documentation
Bulgaria	SCQ-07A-D	D	<p>Stem of the question changed: How do you characterize the attention, which your school is taking to the topics, connected with healthy way of living?</p> <p>Nationally defined categories: 1 = Very serious 2 = Serious 3 = Normal 4 = Almost none</p>
New Zealand	SCQ-07A-D	X	Question not administered or data not available

SCQ-08A

Question:

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

Variable Name(s): ACBG08A

Country	Item ID	Code	Documentation
New Zealand	SCQ-08A	D	<p>Stem of the question changed: For the Year 5 students in your school: How many days per year is your school open for instruction? (Note: 386 half days = 193 instructional days)</p>
Singapore	SCQ-08A	D	Gang punched to "184"

SCQ-08B

Question:

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

Variable Name(s): ACBG08B

Country	Item ID	Code	Documentation
Chinese Taipei	SCQ-08B	D	Stem of the question changed: For the fourth-grade students in your school, what is the total instructional time of all-day classes in a typical day? (excluding lunch breaks, self-study session, after-school time etc.)
Iran, Islamic Rep. of	SCQ-08B	D	Stem of the question changed: What is the total instructional time, excluding breaks, time for lunch and prayer, in a typical day?

SCQ-08C

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): ACBG08C

Country	Item ID	Code	Documentation
Belgium, Flemish	SCQ-08C	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = 5 days 4 = 4.5 days 5 = 4 days 6 = Other
Czech Republic	SCQ-08C	D	Gang punched to "5 days"
Netherlands	SCQ-08C	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = 5 days 4 = 4.5 days 5 = 4 days 6 = Other
Singapore	SCQ-08C	D	Gang punched to "5 days"

SCQ-09B

Question:

Is someone available to assist them with their schoolwork?

1 = Yes

2 = No

Variable Name(s): ACBG09B

Country	Item ID	Code	Documentation
Russian Federation	SCQ-09B	D	Stem of the question changed: If Yes, Is a teacher available to assist them with their schoolwork?

SCQ-10A-B

Question:

As a general school policy, is student achievement used to assign <fourth grade> students to classes (e.g., streaming, tracking, setting)?

A: For mathematics classes

B: For science classes

1 = Yes

2 = No

Variable Name(s): ACBG10A, ACBG10B

Country	Item ID	Code	Documentation
Italy	SCQ-10A-B	X	Option not administered or data not available

SCQ-12A

Question:

Does your school have a science laboratory that can be used by <fourth grade> students?

1 = Yes

2 = No

Variable Name(s): ACBG12A

Country	Item ID	Code	Documentation
Croatia	SCQ-12A	D	Stem of the question changed: Does your school have a practicum for nature and society and biology that can be used by fourth grade students?

SCQ-14BA-BE

Question:

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

- A: Teachers with a specialization in mathematics
- B: Computer software/applications for mathematics instruction
- C: Library resources relevant to mathematics instruction
- D: Calculators for mathematics instruction
- E: Concrete objects or materials to help students understand quantities or procedures

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

Variable Name(s): ACBG14BA, ACBG14BB, ACBG14BC, ACBG14BD, ACBG14BE

Country	Item ID	Code	Documentation
Kazakhstan	SCQ-14BA	D	Qualified mathematics teachers

SCQ-14CA-CD

Question:

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

- A: Teachers with a specialization in science
- B: Computer software/applications for science instruction
- C: Library resources relevant to science instruction
- D: Science equipment and materials for experiments

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

Variable Name(s): ACBG14CA, ACBG14CB, ACBG14CC, ACBG14CD

Country	Item ID	Code	Documentation
CAN, Ontario	SCQ-14CD	D	A science lab, science equipment and materials for experiments
CAN, Quebec	SCQ-14CD	D	A science lab, science equipment and materials for experiments
Canada	SCQ-14CD	D	A science lab, science equipment and materials for experiments
Kazakhstan	SCQ-14CA	D	Qualified science teachers
South Africa	SCQ-14CA-CD	X	Option not administered or data not available

SCQ-15A-M

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 working together to improve student achievement
- E: Teachers' ability to inspire students
- 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: Parental pressure for the school to maintain high academic standards
- K: Students' desire to do well in school
- L: Students' ability to reach school's academic goals
- M: Students' respect for classmates who excel in school

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

Variable Name(s): ACBG15A, ACBG15B, ACBG15C, ACBG15D, ACBG15E, ACBG15F, ACBG15G, ACBG15H, ACBG15I, ACBG15J, ACBG15K, ACBG15L, ACBG15M

Country	Item ID	Code	Documentation
Bulgaria	SCQ-15A	D	Teachers' understanding of the school's developing strategy goals
Bulgaria	SCQ-15B	D	Teachers' degree of success in implementing the school's developing strategy

SCQ-17A-B

Question:

To what degree is each of the following a problem among teachers in your school?

- A: Arriving late or leaving early
 - B: Absenteeism
- 1 = Not a problem
 - 2 = Minor problem
 - 3 = Moderate problem
 - 4 = Serious problem

Variable Name(s): ACBG17A, ACBG17B

Country	Item ID	Code	Documentation
New Zealand	SCQ-17A-B	X	Question not administered or data not available

SCQ-18A-K

Question:

About how many of the students in your school can do the following when they begin the <first grade> of primary/elementary school?

- A: Recognize most of the letters of the alphabet
- B: Read some words
- C: Read sentences
- D: Write letters of the alphabet
- E: Write some words
- F: Count up to 100 or higher
- G: Recognize written numbers from 1-10
- H: Recognize written numbers higher than 10
- I: Write numbers from 1-10
- J: Do simple addition
- K: Do simple subtraction

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

Variable Name(s): ACBG18A, ACBG18B, ACBG18C, ACBG18D, ACBG18E, ACBG18F, ACBG18G, ACBG18H, ACBG18I, ACBG18J, ACBG18K

Country	Item ID	Code	Documentation
Ireland	SCQ-18A-K	D	Stem of the question changed: About how many of the pupils in your school can do the following at the beginning of First class?
Japan	SCQ-18A	D	Recognize most of the kana letters
Japan	SCQ-18A-K	D	Stem of the question changed: About how many of the students in your school can do the following when entering primary/elementary school?
Japan	SCQ-18D	D	Write kana letters
Northern Ireland	SCQ-18A-K	X	Question not administered or data not available
Serbia	SCQ-18A	D	Recognize most of the letters of the Cyrillic alphabet
Slovenia	SCQ-18A-K	D	Stem of the question changed: About how many of the students in your school can do the following when they begin the school?

SCQ-21

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): ACBG21

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's 3 = Master's 4 = Doctorate
Australia	SCQ-21	D	National options recoded for international comparability: 1 = TAFE or college diploma 2 = Undergraduate or Bachelor's degree / Graduate or postgraduate diploma 3 = Master's degree 4 = PhD or doctorate
Bahrain	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's 3 = Master's 4 = PhD
Belgium, Flemish	SCQ-21	D	National options recoded for international comparability: 1 = Did not complete professional or academic bachelor (higher education with 1 cycle or candidate-bachelor within university) 2 = Professional bachelor, a degree of higher education of 1 cycle (e.g., teacher, A1, graduate, ...) / Academic bachelor 3 = Master or licentiate (higher education with 2 cycles or university) 4 = Doctor (PhD) at university
Bulgaria	SCQ-21	D	Nationally defined options: 1 = Higher education (Professional Bachelor) or lower 2 = Higher education (Bachelor) 3 = Higher education (Master) 4 = Higher education (Doc)
CAN, Ontario	SCQ-21	D	Nationally defined options: 1 = Did not complete University-Bachelor's degree 2 = University-Bachelor's degree 3 = University-Master's degree 4 = University-Doctoral degree
CAN, Quebec	SCQ-21	D	Nationally defined options: 1 = Did not complete University-Bachelor's degree 2 = University-Bachelor's degree 3 = University-Master's degree 4 = University-Doctoral degree
Canada	SCQ-21	D	Nationally defined options: 1 = Did not complete University-Bachelor's degree 2 = University-Bachelor's degree 3 = University-Master's degree 4 = University-Doctoral degree

Chile	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's 3 = Master's or equivalent 4 = Doctor or equivalent
Chinese Taipei	SCQ-21	D	National options recoded for international comparability: 1 = Did not finish the university program 2 = Two-year college of technology or four-year college of technology program / University program 3 = Master program 4 = PhD program
Croatia	SCQ-21	D	Nationally defined options: 1 = Non-university higher education (two or three years, university undergraduate education, Bachelor's degree) 2 = University education (graduate and postgraduate education, Master's degree) 3 = Master's of science 4 = Doctor of science
Cyprus	SCQ-21	D	Nationally defined options: 1 = Non university diploma (e.g., Pedagogical Academy) 2 = Bachelor's Degree 3 = Master's Degree 4 = Doctorate
Czech Republic	SCQ-21	D	Nationally defined options: 1 = Did not complete bachelor level 2 = Bachelor level 3 = Master level 4 = Doctoral level
Denmark	SCQ-21	D	Nationally defined options: 1 = Did not complete bachelor level 2 = Bachelor level 3 = Education of 5 years or longer 4 = Doctor or equivalent
England	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent teaching qualification 2 = Bachelor's or equivalent teaching qualification 3 = Master's degree, PGCE or equivalent 4 = Doctorate of equivalent higher degree
Finland	SCQ-21	D	Nationally defined options: 1 = No lower degree at the polytechnic or university, 3 years 2 = Lower degree at the polytechnic or university, 3 years 3 = Higher degree at the polytechnic or university, 5 years 4 = Post-graduate degree at the university
France	SCQ-21	D	Nationally defined options: 1 = Did not complete a degree or equivalent 2 = Degree or equivalent 3 = Master's or equivalent 4 = PhD or equivalent
Georgia	SCQ-21	D	Nationally defined options: 1 = Did not complete the first stage of higher education (Baccalaureate) 2 = First stage of higher education (Baccalaureate) 3 = Second stage of higher education (Master's) 4 = Third stage of higher education (Doctorate)

Germany

SCQ-21

D

Which educational degrees do you have? / Which vocational degrees do you have?

National options recoded for international comparability:

1 = [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (No vocational degree, None of the listed degrees, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Omitted or invalid)] / [A = A-level/general secondary certification & B is any of (No vocational degree, None of the listed degrees, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Omitted or invalid)] / [A = Omitted or invalid & B is any of (No vocational degree, None of the listed degrees, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Omitted or invalid)]

2 = [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master- or technical school, or from a health occupation school & B is any of (Bachelor's (university of applied science or university), Other degree from a University of applied science (also engineering))] / [A = A-level/general secondary certification & B is any of (Bachelor's (university of applied science or university), Other degree from a University of applied science (also engineering))] / [A = College degree (bachelors), degree from a business academy or diploma; technical college degree & B is any of (No vocational degree, None of the listed degrees, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Bachelor's (university of applied science or university), Other degree from a University of applied science (also engineering), Omitted or invalid)] / [A = Omitted or invalid & B is any of (Bachelor's (university of applied science or university), Other degree from a University of applied science (also engineering))]

3 = [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master's or technical school, or from a health occupation school & B is any of (Other degree obtained at a university (e.g., Diplom, Magister, First State examination), Second state examination, Master degree (university of applied science or university))] / [A = A-level/general secondary certification & B is any of (Other degree obtained at a university (e.g., Diplom, Magister, First State examination), Second state examination, Master's (university of applied science or university))] / [A = College degree (bachelors), degree from a business academy or diploma; technical college degree & B is any of (Other degree obtained at a university (e.g., Diplom, Magister, First State examination), Second state examination, Master's (university of applied science or university))] / [A = College degree (masters, magister, diploma, state examination) & B is any of (No vocational degree, Other degree obtained at a university (e.g., Diplom, Magister, First State examination), Second state examination, None of the listed degrees, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Bachelor's (university of applied science or university), Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Omitted or invalid)] / [A = Omitted or invalid & B is any of (Other degree obtained at a university (e.g., Diplom, Magister, First State examination), Second state examination, Master's (university of applied science or university))]

4 = [A = Technical college certification/vocational school degree (teaching, apprenticeship)/vocational specialty school degree/degree from professional school, master or technical school, or from a health occupation school & B is any of (Ph.D.)] / [A = A-level/general secondary certification & B is any of (Ph.D.)] / [A = College degree (bachelors), degree from a business academy or diploma; technical college degree & B is any of (Ph.D.)] / [A = College degree (masters, magister, diploma, state examination) & B is any of (Ph.D.)] / [A = Higher than a college degree (masters, magister, diploma, state examination), such as a Ph.D. & B is any of (No vocational degree, Other degree obtained at a university (e.g., Diplom, Magister, First State examination), Second state examination, Ph.D., None of the listed degrees, Degree for vocational preparation, Degree from apprenticeship (school or apprenticeship) or civil servant training (intermediate level), Degree from vocational school or from a school in the health sector (1 year), Degree from a university of applied arts of the former GDR, Degree from a school of administration, Bachelor's (university of applied science or university), Master's (university of applied science or university), Other degree from a University of applied science (also engineering), Omitted or invalid)] / [A = Omitted or invalid & B is any of (Ph.D.)]

Hong Kong SAR	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctoral degree
Hungary	SCQ-21	D	Nationally defined options: 1 = Lower than college or university BA level 2 = College or university BA level 3 = University or university MA level 4 = Higher than university or university MA level (e.g., PhD)
Indonesia	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree 2 = Bachelor degree 3 = Master degree 4 = Doctoral degree

Iran, Islamic Rep. of	SCQ-21	D	Nationally defined options: 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-21	D	Nationally defined options: 1 = Did not complete university degree (e.g., Bachelor's) 2 = University degree (e.g., Bachelor's) 3 = Master's or equivalent 4 = Doctorate or equivalent
Italy	SCQ-21	D	Nationally defined options: 1 = Upper secondary education or short-cycle tertiary education 2 = Tertiary education level II certificate 3 = Master's or equivalent level 4 = Doctor or equivalent level
Japan	SCQ-21	D	Nationally defined options: 1 = Did not complete university or college 2 = University or college 3 = Master's programs of graduate school 4 = Doctoral programs of graduate school
Jordan	SCQ-21	D	Nationally defined options: 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
Kazakhstan	SCQ-21	D	Nationally defined options: 1 = Did not complete higher education 2 = Bachelor degree 3 = Master degree 4 = Doctor degree
Korea, Rep. of	SCQ-21	D	Nationally defined options: 1 = Did not complete 4 year university 2 = 4 year university 3 = Master's program 4 = Doctoral program
Kuwait	SCQ-21	D	Nationally defined options: 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
Lithuania	SCQ-21	D	Nationally defined options: 1 = Did not acquire Bachelor's (did not finish university) or vocational bachelor (did not finish college) degree 2 = Bachelor's (finish university) or vocational bachelor (finish college) degree 3 = Master's or higher degree 4 = Doctor's or higher degree
Morocco	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's or equivalent 3 = Master degree or equivalent 4 = Doctorate or equivalent

Netherlands	SCQ-21	D	National options recoded for international comparability: 1 = Upper secondary education / Short cycle tertiary education of 2-3 years 2 = Higher vocational education or Bachelor's 3 = Master's 4 = Doctor
New Zealand	SCQ-21	D	Nationally defined options: 1 = College of Education diploma or other national or vocational diploma 2 = Bachelor's degree 3 = Bachelor's honors, post-graduate diploma, or Master's degree 4 = PhD
Northern Ireland	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree 2 = Bachelor's degree 3 = Master's degree or postgraduate certificate or diploma 4 = Doctorate
Norway	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Doctor or equivalent
Norway (Grade 4)	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Doctor or equivalent
Oman	SCQ-21	D	Nationally defined options: 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-21	D	Nationally defined options: 1 = Did not complete Bachelor's or Engineer's study 2 = Bachelor's or Engineer's study 3 = Master's or Physician's study 4 = Doctorate
Portugal	SCQ-21	D	Nationally defined options: 1 = Did not complete license degree 2 = License degree 3 = Master's degree 4 = Doctorate degree
Qatar	SCQ-21	D	Nationally defined options: 1 = Did not complete university or equivalent level 2 = University or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level
Russian Federation	SCQ-21	D	Nationally defined options: 1 = Did not complete higher education or initial vocational education 2 = Higher education: Bachelor or equivalent (three years or more) 3 = Higher education: Master or equivalent (five years or more), second university degree 4 = Candidate or doctor degree or equivalent level

Saudi Arabia	SCQ-21	D	Nationally defined categories: 1 = Did not complete Bachelor's 2 = Bachelor's or equivalent level 3 = Master's or equivalent level 4 = Doctor or equivalent level
Serbia	SCQ-21	D	Nationally defined options: 1 = Not completed bachelor level 2 = Bachelor's studies 3 = Master's, specialist, or magisterium studies 4 = PhD studies or Doctorate
Singapore	SCQ-21	D	Nationally defined options: 1 = Did not complete University Bachelor's degree 2 = University Bachelor's degree 3 = Master's degree 4 = Doctoral (e.g., PhD) degree
Slovak Republic	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's level 2 = Bachelor's level (title Bc.) 3 = Master's level (title Mgr., Ing., etc.) 4 = Doctor level (title PhD.)
Slovenia	SCQ-21	D	Nationally defined options: 1 = Did not complete university study of the first Bologna degree 2 = University study of the first Bologna degree 3 = University 4 year study (old programs) or university study of the second Bologna degree or master of science 4 = Doctorate of science
South Africa	SCQ-21	D	Nationally defined options: 1 = Did not complete a Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctoral degree
Spain	SCQ-21	D	Nationally defined options: 1 = I did not complete a university degree ("licenciatura" or "grado universitario") 2 = University degree ("licenciatura" or "grado universitario") 3 = University Master 4 = PhD
Sweden	SCQ-21	D	Nationally defined options: 1 = Did not complete university or university college degree (e.g., Bachelor's degree) 2 = University or university college degree (e.g., Bachelor's degree) 3 = University or university college degree (e.g., Master's degree) 4 = Postgraduate education (e.g., licentiate or PhD degree)
Turkey	SCQ-21	D	Nationally defined options: 1 = Undergraduate education 2 = Bachelor of Science 3 = Master of Science 4 = Doctorate
UAE, Abu Dhabi	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 4 = Doctor or equivalent

UAE, Dubai	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 4 = Doctor or equivalent
United Arab Emirates	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 4 = Doctor or equivalent
United States	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree (4-year college program) 2 = Bachelor's degree (4-year college program) 3 = Master's degree or professional degree (MD, DDS, lawyer, minister) 4 = Doctorate (PhD or EdD)
USA, Florida	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree (4-year college program) 2 = Bachelor's degree (4-year college program) 3 = Master's degree or professional degree (MD, DDS, lawyer, minister) 4 = Doctorate (PhD or EdD)

SCQ-22A-B

Question:

Do you hold the following degrees in educational leadership?

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

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

1 = Yes

2 = No

Variable Name(s): ACBG22A, ACBG22B

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-22A	D	Master's
ARG, Buenos Aires	SCQ-22B	D	Doctorate
Australia	SCQ-22A	D	Master's degree
Australia	SCQ-22B	D	PhD or Doctorate
Bahrain	SCQ-22A	D	Master's
Bahrain	SCQ-22B	D	PhD
Belgium, Flemish	SCQ-22A-B	X	Question not administered or data not available
Bulgaria	SCQ-22A	D	Master degree
Bulgaria	SCQ-22B	D	Doctor degree
CAN, Ontario	SCQ-22A	D	University, Master's degree or equivalent level
CAN, Ontario	SCQ-22B	D	University, Doctorate degree or equivalent level
CAN, Quebec	SCQ-22A	D	University, Master's degree or equivalent level
CAN, Quebec	SCQ-22B	D	University, Doctorate degree or equivalent level

Canada	SCQ-22A	D	University, Master's degree or equivalent level
Canada	SCQ-22B	D	University, Doctorate degree or equivalent level
Chile	SCQ-22A	D	Master's or equivalent
Chile	SCQ-22B	D	Doctor or equivalent
Chinese Taipei	SCQ-22A	D	Master's degree
Chinese Taipei	SCQ-22B	D	Doctoral degree
Croatia	SCQ-22A	D	Master of Science
Croatia	SCQ-22B	D	Doctor of Science
Cyprus	SCQ-22A	D	Master's degree
Cyprus	SCQ-22B	D	Doctorate
Czech Republic	SCQ-22A	D	Master level
Czech Republic	SCQ-22B	D	Doctoral level
Denmark	SCQ-22A	D	Education of 5 years or longer
Denmark	SCQ-22B	D	Doctor or equivalent
England	SCQ-22A	D	Master's degree or equivalent
England	SCQ-22B	D	Doctorate or equivalent higher degree
Finland	SCQ-22A	D	Higher degree at the polytechnic or university, 5 years
Finland	SCQ-22B	D	Post-graduate degree at the university
France	SCQ-22A-B	X	Question not administered or data not available
Georgia	SCQ-22A	D	Master's degree
Georgia	SCQ-22B	D	Doctorate degree
Germany	SCQ-22A	D	College degree (masters, magister, diploma, state examination)
Germany	SCQ-22B	D	Higher than a college degree (masters, magister, diploma, state examination), such as a PhD
Hong Kong SAR	SCQ-22A	D	Master's degree
Hong Kong SAR	SCQ-22B	D	Doctoral degree
Hungary	SCQ-22A	D	University or university MA level
Hungary	SCQ-22B	D	Higher than university or university MA level (e.g., PhD)
Indonesia	SCQ-22A	D	Master degree
Indonesia	SCQ-22B	D	Doctoral degree
Iran, Islamic Rep. of	SCQ-22A	D	Master's or equivalent level
Iran, Islamic Rep. of	SCQ-22B	D	Doctor or equivalent level
Ireland	SCQ-22A	D	Master's or equivalent
Ireland	SCQ-22B	D	Doctorate or equivalent
Italy	SCQ-22A	D	Master's or equivalent level

Italy	SCQ-22B	D	Doctor or equivalent level
Japan	SCQ-22A	D	Master's degree
Japan	SCQ-22B	D	Doctor's degree
Jordan	SCQ-22A	D	Master's or equivalent level
Jordan	SCQ-22B	D	Doctor or equivalent level
Kazakhstan	SCQ-22A	D	Master degree
Kazakhstan	SCQ-22B	D	Doctor degree
Korea, Rep. of	SCQ-22A	D	Master's degree
Korea, Rep. of	SCQ-22B	D	Doctoral degree
Kuwait	SCQ-22A	D	Master's or equivalent level
Kuwait	SCQ-22B	D	Doctor or equivalent level
Lithuania	SCQ-22A	D	Master's or higher degree
Lithuania	SCQ-22B	D	Doctor or higher degree
Morocco	SCQ-22A	D	Master degree or equivalent
Morocco	SCQ-22B	D	Doctorate or equivalent
Netherlands	SCQ-22A-B	X	Question not administered or data not available
New Zealand	SCQ-22A-B	X	Question not administered or data not available
Northern Ireland	SCQ-22A	D	Master's degree or postgraduate certificate or diploma
Northern Ireland	SCQ-22B	D	Doctorate
Norway	SCQ-22A	D	Master's degree or equivalent
Norway	SCQ-22B	D	Doctor's degree or equivalent
Norway (Grade 4)	SCQ-22A	D	Master's degree or equivalent
Norway (Grade 4)	SCQ-22B	D	Doctor's degree or equivalent
Oman	SCQ-22A	D	Master's or equivalent level
Oman	SCQ-22B	D	Doctor or equivalent level
Poland	SCQ-22A	D	Master's
Poland	SCQ-22B	D	Doctorate
Portugal	SCQ-22A	D	Master's degree
Portugal	SCQ-22B	D	Doctorate degree
Qatar	SCQ-22A	D	Master's or equivalent level
Qatar	SCQ-22B	D	Doctor or equivalent level
Russian Federation	SCQ-22A	D	Master's or equivalent level
Russian Federation	SCQ-22B	D	Candidate or doctor or equivalent level
Saudi Arabia	SCQ-22A	D	Master's or equivalent level
Saudi Arabia	SCQ-22B	D	Doctor or equivalent level

Serbia	SCQ-22A	D	Master's, specialization, or magisterium degree
Serbia	SCQ-22B	D	PhD degree
Singapore	SCQ-22A	D	Master's degree
Singapore	SCQ-22B	D	Doctoral (e.g., PhD) degree
Slovak Republic	SCQ-22A	D	Master's level (title Mgr., Ing., etc.)
Slovak Republic	SCQ-22B	D	Doctor level (PhD.)
Slovenia	SCQ-22A	D	University 4 year study (old programs) or university study of the second Bologna degree or Master of Science
Slovenia	SCQ-22B	D	Doctorate
South Africa	SCQ-22A	D	Master's degree
South Africa	SCQ-22B	D	Doctorate
Spain	SCQ-22A	D	Master's degree
Spain	SCQ-22B	D	PhD
Sweden	SCQ-22A	D	University or university college degree (e.g., Master's degree)
Sweden	SCQ-22B	D	Postgraduate education (e.g., licentiate or PhD degree)
Turkey	SCQ-22A	D	Master of Science
Turkey	SCQ-22B	D	Doctorate
UAE, Abu Dhabi	SCQ-22A	D	Master's or equivalent (e.g., Master's of Arts degree, M.Sc)
UAE, Abu Dhabi	SCQ-22B	D	Doctor's or equivalent
UAE, Dubai	SCQ-22A	D	Master's or equivalent (e.g., Master's of Arts degree, M.Sc)
UAE, Dubai	SCQ-22B	D	Doctor's or equivalent
United Arab Emirates	SCQ-22A	D	Master's or equivalent (e.g., Master's of Arts degree, M.Sc)
United Arab Emirates	SCQ-22B	D	Doctor's or equivalent
United States	SCQ-22A	D	Master's degree or professional degree (MD, DDS, lawyer, minister)
United States	SCQ-22B	D	Doctorate (PhD, or EdD)
USA, Florida	SCQ-22A	D	Master's degree or professional degree (MD, DDS, lawyer, minister)
USA, Florida	SCQ-22B	D	Doctorate (PhD, or EdD)

TIMSS
2015

SECTION 5:
EIGHTH GRADE –
STUDENT
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

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Lynch School of Education, Boston College

SQIS-02A-B / SQSS-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 = 1997
- 2 = 1998
- 3 = 1999
- 4 = 2000
- 5 = 2001
- 6 = 2002
- 7 = 2003
- 8 = 2004
- 9 = 2005
- 10 = Other

Variable Name(s): BSBG02A, BSBG02B

Country	Item ID	Code	Documentation
Chinese Taipei	SQIS-02B	D	Nationally defined options: 1 = The 86th year of the Republic Era (1997) 2 = The 87th year of the Republic Era (1998) 3 = The 88th year of the Republic Era (1999) 4 = The 89th year of the Republic Era (2000) 5 = The 90th year of the Republic Era (2001) 6 = The 91st year of the Republic Era (2002) 7 = The 92nd year of the Republic Era (2003) 8 = The 93rd year of the Republic Era (2004) 9 = The 94th year of the Republic Era (2005) 10 = Other
Iran, Islamic Rep. of	SQIS-02A	D	Corresponding months of the Persian calendar used
Iran, Islamic Rep. of	SQIS-02B	D	Corresponding years of the Persian calendar used
Korea, Rep. of	SQIS-02A-B	D	When were you born? (in solar calendar)

SQIS-03 / SQSS-03

Question:

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

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

Variable Name(s): BSBG03

Country	Item ID	Code	Documentation
Ireland	SQIS-03	X	For ITLANG = 41 ("Irish"); Question not administered or data not available

SQIS-06A-K / SQSS-06A-K

Question:

Do you have any of these things at your home?

- A: A computer or tablet of your own
- B: A computer or tablet that is shared with other people at home
- C: Study desk/table for your use
- D: Your own room
- E: Internet connection
- F: Your own mobile phone
- G: A gaming system (e.g., PlayStation®, Wii®, Xbox®)
- 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): BSBG06A, BSBG06B, BSBG06C, BSBG06D, BSBG06E, BSBG06F, BSBG06G, BSBG06H, BSBG06I, BSBG06J, BSBG06K

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SQIS-06H	D	Music player (iPod, mp3)
ARG, Buenos Aires	SQIS-06I	D	Your own bathroom
ARG, Buenos Aires	SQIS-06J	D	Air conditioner
ARG, Buenos Aires	SQIS-06K	D	Television in your room
Australia	SQIS-06H	D	Musical instruments
Australia	SQIS-06I	D	A quiet place to go if you need to think or concentrate
Australia	SQIS-06J-K	X	Option not administered or data not available
Bahrain	SQIS-06H	D	Swimming pool
Bahrain	SQIS-06I	D	Gym
Bahrain	SQIS-06J	D	Pets
Bahrain	SQIS-06K	D	Car

Botswana	SQIS-06H	D	Electricity
Botswana	SQIS-06I	D	Running water
Botswana	SQIS-06J	D	Television
Botswana	SQIS-06K	X	Option not administered or data not available
CAN, Ontario	SQIS-06H	D	An iPod/Mp3 player
CAN, Ontario	SQIS-06I	D	A DVD/Blu-ray
CAN, Ontario	SQIS-06J	D	Works of art (e.g., paintings)
CAN, Ontario	SQIS-06K	X	Option not administered or data not available
CAN, Quebec	SQIS-06H	D	An iPod/Mp3 player
CAN, Quebec	SQIS-06I	D	A DVD/Blu-ray
CAN, Quebec	SQIS-06J	D	Works of art (e.g., paintings)
CAN, Quebec	SQIS-06K	X	Option not administered or data not available
Canada	SQIS-06H	D	An iPod/Mp3 player
Canada	SQIS-06I	D	A DVD/Blu-ray
Canada	SQIS-06J	D	Works of art (e.g., paintings)
Canada	SQIS-06K	X	Option not administered or data not available
Chile	SQIS-06H	D	Shower with hot water
Chile	SQIS-06I	D	Dishwasher
Chile	SQIS-06J	D	Cable TV
Chile	SQIS-06K	D	Car (regular car, jeep, pick-up truck, van)
Chinese Taipei	SQIS-06H	D	At least two bedrooms are equipped with bathrooms
Chinese Taipei	SQIS-06I	D	My parents have their own car for private use (not for business, or not for public affairs)
Chinese Taipei	SQIS-06J	D	Piano or violin
Chinese Taipei	SQIS-06K	D	Family servant
Egypt	SQIS-06H	D	A car or more
Egypt	SQIS-06I	D	One or more air conditioners
Egypt	SQIS-06J	D	One or more satellite TV receivers
Egypt	SQIS-06K	D	A private garden
England	SQIS-06H	D	A bicycle
England	SQIS-06I	D	E-book readers (e.g., Kindle, Kobo, Bookeen)
England	SQIS-06J	D	Musical instruments (e.g., guitar, piano)
England	SQIS-06K	D	A play room
Georgia	SQSS-06H	D	Family private car
Georgia	SQSS-06I	D	Dishwashing machine

Georgia	SQSS-06J	D	Summer house
Georgia	SQSS-06K	D	Smart TV
Hong Kong SAR	SQIS-06H	D	Car
Hong Kong SAR	SQIS-06I	D	Air-conditioner
Hong Kong SAR	SQIS-06J	D	Domestic helper
Hong Kong SAR	SQIS-06K	D	Room for domestic helper
Hungary	SQSS-06H	D	Dishwasher
Hungary	SQSS-06I	D	Your own iPod, MP3/MP4 player (not one that is built in a phone)
Hungary	SQSS-06J	D	Home cinema system
Hungary	SQSS-06K	D	Digital camera (not part of a phone)
Iran, Islamic Rep. of	SQIS-06H	D	LED T.V.
Iran, Islamic Rep. of	SQIS-06I	D	Foreign car
Iran, Islamic Rep. of	SQIS-06J	D	Dishwasher
Iran, Islamic Rep. of	SQIS-06K	D	Swimming pool
Ireland	SQIS-06H	D	Your own smartphone (e.g., iPhone)
Ireland	SQIS-06I	D	Premium ("pay extra") TV channels, such as BT Sport, Sky Movies
Ireland	SQIS-06J	D	Two or more cars
Ireland	SQIS-06K	D	A TV in your bedroom
Israel	SQIS-06D,H-K	X	Option not administered or data not available
Italy	SQIS-06H	D	Alarm system
Italy	SQIS-06I	D	Air conditioning
Italy	SQIS-06J	D	A dishwasher
Italy	SQIS-06K	D	A jacuzzi
Japan	SQIS-06H	D	Calculator
Japan	SQIS-06I	D	Book or puzzle related to mathematics (except textbook, dictionary, workbook)
Japan	SQIS-06J	D	Astronomical telescope
Japan	SQIS-06K	D	Pictorial book of plants
Jordan	SQIS-06H	D	Digital camera
Jordan	SQIS-06I	D	Automatic washing machine
Jordan	SQIS-06J	D	Central heating
Jordan	SQIS-06K	D	Air conditioning
Kazakhstan	SQSS-06H	D	Home cinema
Kazakhstan	SQSS-06I	D	Digital photo or video camera
Kazakhstan	SQSS-06J	D	Dishwasher

Kazakhstan	SQSS-06K	D	A car
Korea, Rep. of	SQIS-06H	D	Digital TV (e.g., wall-mounted TV, flat panel TV)
Korea, Rep. of	SQIS-06I	D	Home theater (e.g., audio equipment)
Korea, Rep. of	SQIS-06J	D	Dehumidifier
Korea, Rep. of	SQIS-06K	D	Air conditioner
Kuwait	SQIS-06H-K	X	Option not administered or data not available
Lebanon	SQSS-06H	D	More than one bathroom in the house
Lebanon	SQSS-06I	D	A home cinema
Lebanon	SQSS-06J-K	X	Option not administered or data not available
Lithuania	SQSS-06H	D	Encyclopedias, dictionaries
Lithuania	SQSS-06I	D	E-book reader
Lithuania	SQSS-06J	D	Video camera
Lithuania	SQSS-06K	D	Digital or SLR camera
Malaysia	SQIS-06H-K	X	Option not administered or data not available
Malta	SQSS-06H	D	Flat screen TV/Plasma TV/LCD TV/Smart TV
Malta	SQSS-06I	D	Cable TV/Pay TV/Satellite TV
Malta	SQSS-06J	D	Works of art (e.g., paintings)
Malta	SQSS-06K	D	Photovoltaic Panels
Morocco	SQSS-06H	D	Bicycle
Morocco	SQSS-06I	D	Car with a driver
Morocco	SQSS-06J	D	Expensive watch
Morocco	SQSS-06K	D	International brand clothes
New Zealand	SQIS-06H	D	Musical instruments (e.g., piano, violin, guitar)
New Zealand	SQIS-06I	D	Clothes dryer
New Zealand	SQIS-06J	D	Dishwasher
New Zealand	SQIS-06K	D	Two or more bathrooms
Norway	SQIS-06H	D	Flat screen TV
Norway	SQIS-06I	D	More than one PC
Norway	SQIS-06J	D	Piano or Violin
Norway	SQIS-06K	D	Cottage and/or big boat
Norway (Grade 8)	SQIS-06H	D	Flat screen TV
Norway (Grade 8)	SQIS-06I	D	More than one PC
Norway (Grade 8)	SQIS-06J	D	Piano or Violin
Norway (Grade 8)	SQIS-06K	D	Cottage and/or big boat
Oman	SQIS-06H	D	TV

Oman	SQIS-06I	D	Musical Instruments
Oman	SQIS-06J	D	iPod
Oman	SQIS-06K	D	CD Player
Qatar	SQIS-06H	D	Private house maid
Qatar	SQIS-06I	D	Private car driver
Qatar	SQIS-06J-K	X	Option not administered or data not available
Russian Federation	SQSS-06H	D	Musical instruments (e.g., guitar, piano)
Russian Federation	SQSS-06I	D	A car (one or more)
Russian Federation	SQSS-06J	D	A flat (or house) with 4 or more rooms
Russian Federation	SQSS-06K	D	Dishwasher
Saudi Arabia	SQIS-06H	D	Private garden
Saudi Arabia	SQIS-06I	D	Swimming pool
Saudi Arabia	SQIS-06J	D	3D smart TV
Saudi Arabia	SQIS-06K	D	Four-wheeled motorcycle
Singapore	SQIS-06H	D	Car
Singapore	SQIS-06I	D	Domestic help (e.g., maid)
Singapore	SQIS-06J	D	Air conditioner
Singapore	SQIS-06K	D	Your own digital media player (e.g., MP3/DVD player, iPod)
Slovenia	SQSS-06H	D	Advanced sports equipment (for skiing, tennis, mountain biking, etc.)
Slovenia	SQSS-06I	D	Artwork, musical instruments, encyclopedias (e.g., pictures, statues, piano, etc.)
Slovenia	SQSS-06J	D	Family trips or mountain hiking, family outings in the restaurant for lunch or dinner, or do sport activities together (e.g., skiing, tennis, golf)
Slovenia	SQSS-06K	D	Every year we take a family vacation for at least 1 week outside our hometown
South Africa	SQIS-06H	D	Dictionary
South Africa	SQIS-06I	D	Electricity
South Africa	SQIS-06J	D	Running tap water
South Africa	SQIS-06K	D	Television
Sweden	SQSS-06H	D	A globe
Sweden	SQSS-06I	D	A piano
Sweden	SQSS-06J	D	Any musical instruments other than piano
Sweden	SQSS-06K	X	Option not administered or data not available
Thailand	SQIS-06H	D	Laptop
Thailand	SQIS-06I	D	Talking dictionary
Thailand	SQIS-06J	D	Smart phone

Thailand	SQIS-06K	D	Digital TV
Turkey	SQIS-06H	D	Heating systems
Turkey	SQIS-06I	D	Cooling systems (air conditioner)
Turkey	SQIS-06J	D	Washing machine
Turkey	SQIS-06K	D	Dishwasher
UAE, Abu Dhabi	SQIS-06H	D	A smartphone
UAE, Abu Dhabi	SQIS-06I	D	A swimming pool (if ITLANG = 1) / A pet (if ITLANG = 53)
UAE, Abu Dhabi	SQIS-06J	D	A luxury watch (e.g., Rolex, Chopard, or Cartier)
UAE, Abu Dhabi	SQIS-06K	D	A luxury car (e.g., Bentley, Rolls-Royce, or Maserati)
UAE, Dubai	SQIS-06H	D	A smartphone
UAE, Dubai	SQIS-06I	D	A swimming pool (if ITLANG = 1) / A pet (if ITLANG = 53)
UAE, Dubai	SQIS-06J	D	A luxury watch (e.g., Rolex, Chopard, or Cartier)
UAE, Dubai	SQIS-06K	D	A luxury car (e.g., Bentley, Rolls-Royce, or Maserati)
United Arab Emirates	SQIS-06H	D	A smartphone
United Arab Emirates	SQIS-06I	D	A swimming pool (if ITLANG = 1) / A pet (if ITLANG = 53)
United Arab Emirates	SQIS-06J	D	A luxury watch (e.g., Rolex, Chopard, or Cartier)
United Arab Emirates	SQIS-06K	D	A luxury car (e.g., Bentley, Rolls-Royce, or Maserati)
United States	SQIS-06H	D	VCR, DVD, or Blu-ray player
United States	SQIS-06I-K	X	Option not administered or data not available
USA, Florida	SQIS-06H	D	VCR, DVD, or Blu-ray player
USA, Florida	SQIS-06I-K	X	Option not administered or data not available

SQIS-07A / SQSS-07A

Question:

What is the highest level of education completed by your mother (or stepmother or female guardian)?

- 1 = Some <Primary education—ISCED Level 1 or Lower secondary education—ISCED Level 2> or did not go to school
- 2 = <Lower secondary education—ISCED Level 2>
- 3 = <Upper secondary education—ISCED Level 3>
- 4 = <Post-secondary, non-tertiary education—ISCED Level 4>
- 5 = <Short-cycle tertiary education—ISCED Level 5>
- 6 = <Bachelor's or equivalent level—ISCED Level 6>
- 7 = <Postgraduate degree: Master's—ISCED Level 7 or Doctor —ISCED Level 8>
- 8 = I don't know

Variable Name(s): BSBG07A

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SQIS-07A	D	Nationally defined options: 1 = Primary education 2 = Incomplete secondary education 3 = Complete secondary education 4 = Post-secondary, non tertiary education 5 = Short cycle tertiary education 6 = Bachelor's or equivalent 7 = Master's or Doctorate 8 = I don't know
Australia	SQIS-07A	D	National options recoded for international comparability: 1 = Some primary school or did not go to school 2 = Primary school 3 = Secondary school 4 = TAFE training certificate, apprenticeship or traineeship 5 = TAFE or college diploma (e.g., Diploma of Information Technology) 6 = Undergraduate degree (e.g., Bachelor of Arts) / Graduate or postgraduate diploma (e.g., Postgraduate Diploma of Education) 7 = Master's degree, PhD, or Doctorate 8 = I don't know
Bahrain	SQIS-07A	D	Nationally defined options: 1 = Some primary education or did not go to school 2 = Intermediate education 3 = Secondary education 4 = Diploma 5 = Postgraduate diploma 6 = Bachelor's 7 = Master's or PhD 8 = I don't know
Botswana	SQIS-07A	D	Nationally defined options: 1 = Some primary or secondary or did not go to school 2 = Junior secondary 3 = Senior secondary 4 = Vocational or technical certificate 5 = Diploma 6 = First degree 7 = Master's degree or higher 8 = I don't know

CAN, Ontario	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 7-Secondary 1 or did not go to school</p> <p>2 = Grade 8-Secondary 2</p> <p>3 = High school</p> <p>4 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>5 = College or cégep (two-year pre-university)</p> <p>6 = Bachelor's degree</p> <p>7 = Master's or Doctoral degree</p> <p>8 = I don't know</p>
CAN, Quebec	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 7-Secondary 1 or did not go to school</p> <p>2 = Grade 8-Secondary 2</p> <p>3 = High school</p> <p>4 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>5 = College or cégep (two-year pre-university)</p> <p>6 = Bachelor's degree</p> <p>7 = Master's or Doctoral degree</p> <p>8 = I don't know</p>
Canada	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 7-Secondary 1 or did not go to school</p> <p>2 = Grade 8-Secondary 2</p> <p>3 = High school</p> <p>4 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>5 = College or cégep (two-year pre-university)</p> <p>6 = Bachelor's degree</p> <p>7 = Master's or Doctoral degree</p> <p>8 = I don't know</p>
Chile	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Did not go to school or did not finish lower secondary</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Option not administered or data not available</p> <p>5 = Program in a vocational education center / Professional education center</p> <p>6 = Program in a university</p> <p>7 = Postgraduate degree (Master degree or PhD)</p> <p>8 = I don't know</p>
Chinese Taipei	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Did not finish elementary school or did not go to school / Elementary school program</p> <p>2 = Junior high school program</p> <p>3 = Senior high school or the vocational school program</p> <p>4 = Junior college or the two-year college program</p> <p>5 = Option not administered or data not available</p> <p>6 = Two-year college of technology or four-year college of technology program / University program</p> <p>7 = Master program / Ph.D. program</p> <p>8 = I don't know</p>

Egypt	SQIS-07A	D	Nationally defined options: 1 = Part of primary or preparatory education 2 = Preparatory education 3 = Secondary education 4 = Post-secondary, intermediate institutes, non-higher education 5 = Intermediate institutes of higher education 6 = Bachelor's degree or equivalent 7 = Master's or Doctor degree or equivalent 8 = I don't know
England	SQIS-07A	D	Nationally defined categories: 1 = Some Primary education, or secondary education up to the age of 14, or did not go to school 2 = Lower secondary school up to the age of 14 3 = AS, A level or equivalent qualifications, e.g., NVQ at Level 3 or GNVQ 4 = Higher Education Access Course 5 = Higher Education qualification below degree level e.g., NVQ level 4 or 5, Diploma, nursing qualification or Higher level in HNC, HND or BTEC 6 = University degree (e.g., BA, BSc, BEd) 7 = Master's Degree or Doctorate or higher degree (e.g., MPhil, PhD) 8 = I don't know
Georgia	SQSS-07A	D	National options recoded for international comparability: 1 = Primary (4 grades) level or did not go to school 2 = Basic level of General Education (9 grades) 3 = Secondary level of General Education (11 grades) 4 = Vocational school (based on 9 grades, e.g., College, vocational college) 5 = Higher vocational school 6 = First degree higher education (4-year, Bachelor's) 7 = Further degrees of higher education (Master's, 5-year education prior to 2005 equivalent to Master's) / Further degrees of higher education, scientific degree (Candidate Doctor's, Doctor's) 8 = I don't know
Hong Kong SAR	SQIS-07A	D	Nationally defined options: 1 = Some primary education or junior secondary education or did not go to school 2 = Junior secondary education 3 = Senior secondary education 4 = Vocational training after senior secondary education 5 = Completed a certificate, diploma, or an associate degree 6 = Bachelor's degree 7 = Master's degree or Doctoral degree 8 = I don't know
Hungary	SQSS-07A	D	National options recoded for international comparability: 1 = Did not finish general school or did not go to school 2 = General school 3 = Vocational school (without final exam or matura) / Secondary vocational school with final exam (matura) or finished grammar school with final exam (matura) 4 = Vocational programs (usually two years) based on Maturity examination (e.g., dental technician, jeweler) 5 = Accredited post secondary vocational programs (e.g., customs administrator, social insurance administrator) 6 = College or university BA level 7 = University or university MA level or education higher than these (e.g., PhD, University post-graduate program) 8 = I don't know

Iran, Islamic Rep. of	SQIS-07A	D	Nationally defined options: 1 = Some Primary education or lower secondary education or did not go to school 2 = Lower secondary education 3 = Upper secondary education 4 = Post-secondary, non-tertiary education 5 = Short-cycle tertiary education 6 = Bachelor's or equivalent level 7 = Master's or Doctor 8 = I don't know
Ireland	SQIS-07A	D	Nationally defined options: 1 = Did not go to school, or left before the end of Junior Cycle 2 = Junior Cert., or similar 3 = Leaving Cert., or similar 4 = A Post-Leaving Cert. course, or similar 5 = A third-level Cert. or Diploma 6 = A university degree 7 = A Master's degree, a Doctorate or similar 8 = I don't know
Israel	SQIS-07A	D	Nationally defined options: 1 = Some primary school or junior school studies 2 = Junior school 3 = High school 4 = Preparatory program school 5 = Post-secondary post-certification studies (such as teaching without Bachelor degree, engineering, technicians) 6 = Bachelor degree (such as B.A., B.Ed., B.Sc.) 7 = Master degree or Doctor degree 8 = I don't know
Italy	SQIS-07A	D	Nationally defined options: 1 = Did not complete primary education or lower secondary education 2 = Lower secondary education 3 = Upper secondary education 4 = Post-secondary, non-tertiary education 5 = Tertiary education level I 6 = Tertiary education level II or equivalent 7 = Postgraduate Masters, PhD or equivalent qualification 8 = I don't know
Japan	SQIS-07A	D	Nationally defined options: 1 = Elementary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Advanced course of upper secondary school 5 = Junior college, college of technology, or specialized training college (post-secondary course) 6 = University or college 7 = Graduate school 8 = I don't know
Jordan	SQIS-07A	D	Nationally defined options: 1 = Did not complete Basic cycle or did not go to school 2 = Basic cycle (completed grade 10) 3 = Secondary cycle 4 = Vocational center 5 = Community college diploma 6 = Bachelor's or equivalent 7 = Master's or Doctor 8 = I don't know

Kazakhstan	SQSS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Primary education or unfinished secondary education or did not go to school</p> <p>2 = Basic secondary education (1-9 grades)</p> <p>3 = General secondary education (1-11 grades)</p> <p>4 = Technical and vocational education / Post-Secondary education</p> <p>5 = Option not administered or data not available</p> <p>6 = Higher education (Bachelor's level)</p> <p>7 = Postgraduate education (Master's or Doctor level)</p> <p>8 = I don't know</p>
Korea, Rep. of	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Did not attend school or did not complete elementary school or finished elementary school, did not finish middle school</p> <p>2 = Middle school</p> <p>3 = High school</p> <p>4 = Option not administered or data not available</p> <p>5 = Two-year or three-year college</p> <p>6 = Four-year university</p> <p>7 = Graduate school (Master, or Doctoral degree)</p> <p>8 = I don't know</p>
Kuwait	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some elementary level or intermediate level or did not go to school</p> <p>2 = Intermediate level</p> <p>3 = Secondary level</p> <p>4 = Pre-university education (e.g., diploma)</p> <p>5 = Technical or Applied education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Master's or Doctor level</p> <p>8 = I don't know</p>
Lebanon	SQSS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 9 basic education or did not go to school</p> <p>2 = Grade 9 basic education (lower secondary education)</p> <p>3 = Cycle 4 or secondary education</p> <p>4 = Normal School - primary education (1 year after secondary cycle)</p> <p>5 = Normal School - middle education (2 years after secondary cycle)</p> <p>6 = Bachelor or equivalent (1st university cycle)</p> <p>7 = Master or Doctorate</p> <p>8 = I don't know</p>
Lithuania	SQSS-07A	D	<p>Nationally defined options:</p> <p>1 = Did not attend school or attended only a few classes</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Vocational (already having secondary education)</p> <p>5 = Further education school, technical school</p> <p>6 = Bachelor's (finish university) or vocational Bachelor (finish college) degree</p> <p>7 = Master's or Doctor degree</p> <p>8 = I don't know</p>
Malaysia	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary or secondary education or did not go to school</p> <p>2 = Lower secondary (PMR)</p> <p>3 = Upper secondary education (SPM/STPM/matriculation)</p> <p>4 = Certificate (skills)</p> <p>5 = Diploma (tertiary)</p> <p>6 = Bachelor's</p> <p>7 = Master's or PhD</p> <p>8 = I don't know</p>

Malta	SQSS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Some primary education or secondary education 2 = Achieved four or less Secondary Education Certificate (SEC) examinations at Grade 1-7 or equivalent 3 = Achieved five or more Secondary Education Certificate (SEC) examinations at Grade 1-7 or equivalent / Completed upper-secondary education/MATSEC Certificate or equivalent 4 = VET National Diploma Level or equivalent level 5 = Undergraduate Certificate or Diploma or VET Higher National Diploma Level or equivalent level 6 = Bachelor's degree or equivalent 7 = Masters, Doctorate degree or equivalent 8 = I don't know</p>
Morocco	SQSS-07A	D	<p>Nationally defined categories:</p> <p>1 = Part of the primary school or part of lower secondary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Preparatory classes 5 = Diploma of university studies 6 = Bachelor's degree or equivalent 7 = Master's degree or Doctorate 8 = I don't know</p>
New Zealand	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Left school before the end of Year 10 or did not go to school 2 = Up to the end of Year 10 / Year 11 and left with the equivalent of NCEA Level 1 3 = Year 12 or 13 and left with at least the equivalent of NCEA Level 2 4 = Trade certificate or national certificate course 5 = National or vocational diploma 6 = Bachelor's degree 7 = Bachelor's Honors degree, Post-graduate diploma or Master's degree / PhD 8 = I don't know</p>
Norway	SQIS-07A	D	<p>Nationally defined categories:</p> <p>1 = Some primary or lower secondary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Education beyond upper secondary school (not university or university college) 5 = Short education at university college (1-2 years) 6 = University or university college (at least 3 years) Bachelor's degree 7 = University or university college (at least 5 years) Master or Doctoral degree 8 = I don't know</p>
Norway (Grade 8)	SQIS-07A	D	<p>Nationally defined categories:</p> <p>1 = Some primary or lower secondary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Education beyond upper secondary school (not university or university college) 5 = Short education at university college (1-2 years) 6 = University or university college (at least 3 years) Bachelor's degree 7 = University or university college (at least 5 years) Master or Doctoral degree 8 = I don't know</p>

Oman	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary education or lower secondary education or did not go to school</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Post-secondary, non-tertiary education</p> <p>5 = Short-cycle tertiary education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Postgraduate degree: Master's or Doctorate</p> <p>8 = I don't know</p>
Qatar	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Some primary education or preparatory education or did not go to school</p> <p>2 = Preparatory education</p> <p>3 = Secondary education</p> <p>4 = Diploma</p> <p>5 = Option not administered or data not available</p> <p>6 = Bachelor's degree or equivalent level</p> <p>7 = Post-graduate degree</p> <p>8 = I don't know</p>
Russian Federation	SQSS-07A	D	<p>Nationally defined options:</p> <p>1 = Did not finish primary or basic education or did not go to school</p> <p>2 = Basic general education (9 grades)</p> <p>3 = Secondary general education (11 grades)</p> <p>4 = Initial vocational education</p> <p>5 = Incomplete higher education: (two years or more)</p> <p>6 = Higher education: Bachelor or equivalent (three years or more)</p> <p>7 = Higher education: Master or equivalent (five years or more), second university degree; candidate or Doctor degree</p> <p>8 = I don't know</p>
Saudi Arabia	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary education or lower secondary education or did not go to school</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Post-secondary, non-tertiary education</p> <p>5 = Short-cycle tertiary education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Postgraduate degree: Master's or Doctorate</p> <p>8 = I don't know</p>
Singapore	SQIS-07A	D	<p>Nationally defined options:</p> <p>1 = Some primary or lower secondary or did not go to school</p> <p>2 = Lower secondary (completed Secondary 2)</p> <p>3 = Upper secondary</p> <p>4 = Post-secondary, non-tertiary (e.g., JC, CI, ITE)</p> <p>5 = Polytechnic</p> <p>6 = University Bachelor's degree</p> <p>7 = Master's or Doctoral (e.g., PhD) degree</p> <p>8 = I don't know</p>

Slovenia	SQSS-07A	D	<p>Nationally defined options:</p> <p>1 = Primary education or did not go to school 2 = Lower secondary education 3 = Upper secondary education 4 = Post-secondary, non-tertiary education (high school) 5 = Short-cycle tertiary education (2-year old study programs, also teacher college or vocational oriented study) 6 = University study of the first Bologna degree 7 = University 4 year study (old programs) or university study of the second Bologna degree or Master of science or Doctorate of science 8 = I don't know</p>
South Africa	SQIS-07A	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school / Did not finish Grade 9 2 = Grade 9 3 = Grade 12 4 = Post-matric certificate 5 = Diploma 6 = First degree / Honours degree 7 = Master's degree / Doctoral degree 8 = I don't know</p>
Sweden	SQSS-07A	D	<p>Nationally defined options:</p> <p>1 = Did not go to school or less than 9 years in elementary school 2 = 9 years in elementary school 3 = Secondary school 4 = Tertiary education, not university college 5 = Higher education up to 2 years (e.g., university college degree) 6 = University or university college degree (e.g., Bachelor's degree 3 years) 7 = University or university college degree (e.g., Master's degree 4-5 years) or postgraduate education 8 = I don't know</p>
Thailand	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete primary or lower secondary education or did not go to school 2 = Lower secondary education 3 = Upper secondary education or equivalent 4 = Post-secondary, non-tertiary education 5 = Option not administered or data not available 6 = Bachelor's or equivalent level 7 = Graduate degree (Master's or PhD) 8 = I don't know</p>
Turkey	SQIS-07A	D	<p>National options recoded for international comparability:</p> <p>1 = Did not go to school or completed primary school or left elementary or secondary school 2 = Secondary school 3 = High school 4 = Option not administered or data not available 5 = Associate degree (2 years college) 6 = Bachelor of Science 7 = Master of Science or Doctorate 8 = I don't know</p>

UAE, Abu Dhabi	SQIS-07A	D	Nationally defined options: 1 = Some primary school or did not go to school 2 = Some secondary school 3 = Finish secondary school 4 = Training Certificate, apprenticeship, or traineeship 5 = College diploma 6 = Bachelor's degree or equivalent 7 = Beyond Bachelor's degree (e.g., Master's of Arts, PhD) 8 = I don't know
UAE, Dubai	SQIS-07A	D	Nationally defined options: 1 = Some primary school or did not go to school 2 = Some secondary school 3 = Finish secondary school 4 = Training Certificate, apprenticeship, or traineeship 5 = College diploma 6 = Bachelor's degree or equivalent 7 = Beyond Bachelor's degree (e.g., Master's of Arts, PhD) 8 = I don't know
United Arab Emirates	SQIS-07A	D	Nationally defined options: 1 = Some primary school or did not go to school 2 = Some secondary school 3 = Finish secondary school 4 = Training Certificate, apprenticeship, or traineeship 5 = College diploma 6 = Bachelor's degree or equivalent 7 = Beyond Bachelor's degree (e.g., Master's of Arts, PhD) 8 = I don't know
United States	SQIS-07A	D	National options recoded for international comparability: 1 = Less than high school 2 = Some high school 3 = High school graduate 4 = Option not administered or data not available 5 = Associate's degree (2-year college program) 6 = Bachelor's degree (4-year college program) 7 = Master's degree or professional degree (MD, DDS, lawyer, minister) / Doctorate (Ph.D. or Ed.D.) 8 = I don't know
USA, Florida	SQIS-07A	D	National options recoded for international comparability: 1 = Less than high school 2 = Some high school 3 = High school graduate 4 = Option not administered or data not available 5 = Associate's degree (2-year college program) 6 = Bachelor's degree (4-year college program) 7 = Master's degree or professional degree (MD, DDS, lawyer, minister) / Doctorate (Ph.D. or Ed.D.) 8 = I don't know

SQIS-07B / SQSS-07B

Question:

What is the highest level of education completed by your father (or stepfather or male guardian)?

- 1 = Some <Primary education—ISCED Level 1 or Lower secondary education—ISCED Level 2> or did not go to school
- 2 = <Lower secondary education—ISCED Level 2>
- 3 = <Upper secondary education—ISCED Level 3>
- 4 = <Post-secondary, non-tertiary education—ISCED Level 4>
- 5 = <Short-cycle tertiary education—ISCED Level 5>
- 6 = <Bachelor's or equivalent level—ISCED Level 6>
- 7 = <Postgraduate degree: Master's—ISCED Level 7 or Doctor —ISCED Level 8>
- 8 = I don't know

Variable Name(s): BSBG07B

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SQIS-07B	D	Nationally defined options: 1 = Primary education 2 = Incomplete secondary education 3 = Complete secondary education 4 = Post-secondary, non-tertiary education 5 = Short cycle tertiary education 6 = Bachelor's or equivalent 7 = Master's or Doctorate 8 = I don't know
Australia	SQIS-07B	D	National options recoded for international comparability: 1 = Some primary school or did not go to school 2 = Primary school 3 = Secondary school 4 = TAFE training certificate, apprenticeship or traineeship 5 = TAFE or college diploma (e.g., Diploma of Information Technology) 6 = Undergraduate degree (e.g., Bachelor of Arts) / Graduate or postgraduate diploma (e.g., Postgraduate Diploma of Education) 7 = Master's degree, PhD, or Doctorate 8 = I don't know
Bahrain	SQIS-07B	D	Nationally defined options: 1 = Some primary education or did not go to school 2 = Intermediate education 3 = Secondary education 4 = Diploma 5 = Postgraduate diploma 6 = Bachelor's 7 = Master's or PhD 8 = I don't know
Botswana	SQIS-07B	D	Nationally defined options: 1 = Some primary or secondary or did not go to school 2 = Junior secondary 3 = Senior secondary 4 = Vocational or technical certificate 5 = Diploma 6 = First degree 7 = Master's degree or higher 8 = I don't know

CAN, Ontario	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 7-Secondary 1 or did not go to school</p> <p>2 = Grade 8-Secondary 2</p> <p>3 = High school</p> <p>4 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>5 = College or cégep (two-year pre-university)</p> <p>6 = Bachelor's degree</p> <p>7 = Master's or Doctoral degree</p> <p>8 = I don't know</p>
CAN, Quebec	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 7-Secondary 1 or did not go to school</p> <p>2 = Grade 8-Secondary 2</p> <p>3 = High school</p> <p>4 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>5 = College or cégep (two-year pre-university)</p> <p>6 = Bachelor's degree</p> <p>7 = Master's or Doctoral degree</p> <p>8 = I don't know</p>
Canada	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 7-Secondary 1 or did not go to school</p> <p>2 = Grade 8-Secondary 2</p> <p>3 = High school</p> <p>4 = College or cégep (three-year vocational training), registered apprenticeship, trade certificate</p> <p>5 = College or cégep (two-year pre-university)</p> <p>6 = Bachelor's degree</p> <p>7 = Master's or Doctoral degree</p> <p>8 = I don't know</p>
Chile	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Did not go to school or did not finish lower secondary</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Option not administered or data not available</p> <p>5 = Program in a vocational education center / Professional education center</p> <p>6 = Program in a university</p> <p>7 = Postgraduate degree (Master degree or PhD)</p> <p>8 = I don't know</p>
Chinese Taipei	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Did not finish elementary school or did not go to school / Elementary school program</p> <p>2 = Junior high school program</p> <p>3 = Senior high school or the vocational school program</p> <p>4 = Junior college or the two-year college program</p> <p>5 = Option not administered or data not available</p> <p>6 = Two-year college of technology or four-year college of technology program / University program</p> <p>7 = Master program / Ph.D. program</p> <p>8 = I don't know</p>

Egypt	SQIS-07B	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Part of primary or preparatory education 2 = Preparatory education 3 = Secondary education 4 = Post-secondary, intermediate institutes, non-higher education 5 = Intermediate institutes of higher education 6 = Bachelor's degree or equivalent 7 = Master's or Doctor degree or equivalent 8 = I don't know
England	SQIS-07B	D	<p>Nationally defined categories:</p> <ul style="list-style-type: none"> 1 = Some primary education or secondary education up to the age of 14, or did not go to school 2 = Lower secondary school up to the age of 14 3 = AS, A level or equivalent qualifications, e.g., NVQ at Level 3 or GNVQ 4 = Higher Education Access Course 5 = Higher Education qualification below degree level e.g., NVQ level 4 or 5, Diploma, nursing qualification or Higher level in HNC, HND or BTEC 6 = University degree (e.g., BA, BSc, BEd) 7 = Master's Degree/Doctorate or higher degree (e.g., MPhil, PhD) 8 = I don't know
Georgia	SQSS-07B	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Primary (4 grades) level or did not go to school 2 = Basic level of General Education (9 grades) 3 = Secondary level of General Education (11 grades) 4 = Vocational school (based on 9 grades, e.g., College, vocational college) 5 = Higher vocational school 6 = First degree higher education (4-year, Bachelor's) 7 = Further degrees of higher education (Master's, 5-year education prior to 2005 equivalent to Master's) / Further degrees of higher education, scientific degree (Candidate Doctor's, Doctor's) 8 = I don't know
Hong Kong SAR	SQIS-07B	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Some primary education or junior secondary education or did not go to school 2 = Junior secondary education 3 = Senior secondary education 4 = Vocational training after senior secondary education 5 = Completed a certificate, diploma, or an associate degree 6 = Bachelor's degree 7 = Master's degree or Doctoral degree 8 = I don't know
Hungary	SQSS-07B	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not finish general school or did not go to school 2 = General school 3 = Vocational school (without final exam/matura) / Secondary vocational school with final exam (matura) or finished grammar school with final exam (matura) 4 = Vocational programs (usually two years) based on Maturity examination (e.g., dental technician, jeweler) 5 = Accredited post secondary vocational programs (e.g., customs administrator, social insurance administrator) 6 = College or university BA level 7 = University or university MA level or education higher than these (e.g., PhD, University post-graduate program) 8 = I don't know

Iran, Islamic Rep. of	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary education or lower secondary education or did not go to school</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Post-secondary, non-tertiary education</p> <p>5 = Short-cycle tertiary education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Master's or Doctor</p> <p>8 = I don't know</p>
Ireland	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Did not go to school, or left before the end of Junior Cycle</p> <p>2 = Junior Cert., or similar</p> <p>3 = Leaving Cert., or similar</p> <p>4 = A Post-Leaving Cert. course, or similar</p> <p>5 = A third-level Cert. or Diploma</p> <p>6 = A university degree</p> <p>7 = A Masters' degree, a Doctorate or similar</p> <p>8 = I don't know</p>
Israel	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary school or junior school studies</p> <p>2 = Junior school</p> <p>3 = High school</p> <p>4 = Preparatory program school</p> <p>5 = Post-secondary post-certification studies (such as teaching without Bachelor degree, engineering, technicians)</p> <p>6 = Bachelor degree (such as B.A., or B.Ed., B.Sc.)</p> <p>7 = Master degree or Doctor degree</p> <p>8 = I don't know</p>
Italy	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Did not completed primary education or lower secondary education</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Post-secondary, non-tertiary education</p> <p>5 = Tertiary education level I</p> <p>6 = Tertiary education level II or equivalent</p> <p>7 = Postgraduate Masters, PhD or equivalent qualification</p> <p>8 = I don't know</p>
Japan	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Elementary school or did not go to school</p> <p>2 = Lower secondary school</p> <p>3 = Upper secondary school</p> <p>4 = Advanced course of upper secondary school</p> <p>5 = Junior college, college of technology, or specialized training college (post-secondary course)</p> <p>6 = University or college</p> <p>7 = Graduate school</p> <p>8 = I don't know</p>
Jordan	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Did not complete Basic cycle or did not go to school</p> <p>2 = Basic cycle (completed grade 10)</p> <p>3 = Secondary cycle</p> <p>4 = Vocational center</p> <p>5 = Community college diploma</p> <p>6 = Bachelor's or equivalent</p> <p>7 = Master's or Doctor</p> <p>8 = I don't know</p>

Kazakhstan	SQSS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Primary education or unfinished secondary education or did not go to school</p> <p>2 = Basic secondary education (1-9 grades)</p> <p>3 = General secondary education (1-11 grades)</p> <p>4 = Technical and vocational education / Post-Secondary education</p> <p>5 = Option not administered or data not available</p> <p>6 = Higher education (Bachelor's level)</p> <p>7 = Postgraduate education (Master's or Doctor level)</p> <p>8 = I don't know</p>
Korea, Rep. of	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Did not attend school or did not complete elementary school or finished elementary school, did not finish middle school</p> <p>2 = Middle school</p> <p>3 = High school</p> <p>4 = Option not administered or data not available</p> <p>5 = Two-year or three-year college</p> <p>6 = Four-year university</p> <p>7 = Graduate school (master, or doctoral degree)</p> <p>8 = I don't know</p>
Kuwait	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some elementary level or intermediate level or did not go to school</p> <p>2 = Intermediate level</p> <p>3 = Secondary level</p> <p>4 = Pre-university education (e.g., diploma)</p> <p>5 = Technical or Applied education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Master's or Doctor level</p> <p>8 = I don't know</p>
Lebanon	SQSS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary education or Grade 9 basic education or did not go to school</p> <p>2 = Grade 9 basic education (lower secondary education)</p> <p>3 = Cycle 4 or secondary education</p> <p>4 = Normal School - primary education (1 year after secondary cycle)</p> <p>5 = Normal School - middle education (2 years after secondary cycle)</p> <p>6 = Bachelor or equivalent (1st university cycle)</p> <p>7 = Master or Doctorate</p> <p>8 = I don't know</p>
Lithuania	SQSS-07B	D	<p>Nationally defined options:</p> <p>1 = Did not attend school or attended only a few classes</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Vocational (already having secondary education)</p> <p>5 = Finished further education school, technical school</p> <p>6 = Bachelor's (finish university) or vocational bachelor (finish college) degree</p> <p>7 = Master's or Doctor degree</p> <p>8 = I don't know</p>
Malaysia	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary or secondary education or did not go to school</p> <p>2 = Lower secondary (PMR)</p> <p>3 = Upper secondary education (SPM/STPM/matriculation)</p> <p>4 = Certificate (skills)</p> <p>5 = Diploma (tertiary)</p> <p>6 = Bachelor's</p> <p>7 = Master's or PhD</p> <p>8 = I don't know</p>

Malta	SQSS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Some primary education or secondary education 2 = Achieved four or less Secondary Education Certificate (SEC) examinations at Grade 1-7 or equivalent 3 = Achieved five or more Secondary Education Certificate (SEC) examinations at Grade 1-7 or equivalent / Completed upper-secondary education/MATSEC Certificate or equivalent 4 = VET National Diploma Level or equivalent level 5 = Undergraduate Certificate or Diploma or VET Higher National Diploma Level or equivalent level 6 = Bachelor's Degree or equivalent 7 = Masters, Doctorate Degree or equivalent 8 = I don't know</p>
Morocco	SQSS-07B	D	<p>Nationally defined categories:</p> <p>1 = Part of the primary school or part of lower secondary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Preparatory classes 5 = Diploma of university studies 6 = Bachelor's degree or equivalent 7 = Master's degree or Doctorate 8 = I don't know</p>
New Zealand	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Left school before the end of Year 10 or did not go to school 2 = Up to the end of Year 10 / Year 11 and left with the equivalent of NCEA Level 1 3 = Year 12 or 13 and left with at least the equivalent of NCEA Level 2 4 = Trade certificate or national certificate course 5 = National or vocational diploma 6 = Bachelor's degree 7 = Bachelor's Honors degree, Post-graduate diploma or Master's degree / PhD 8 = I don't know</p>
Norway	SQIS-07B	D	<p>Nationally defined categories:</p> <p>1 = Some primary or lower secondary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Education beyond upper secondary school (not university or university college) 5 = Short education at university college (1-2 years) 6 = University or university college (at least 3 years) Bachelor's degree 7 = University or university college (at least 5 years) Master or Doctoral degree 8 = I don't know</p>
Norway (Grade 8)	SQIS-07B	D	<p>Nationally defined categories:</p> <p>1 = Some primary or lower secondary school or did not go to school 2 = Lower secondary school 3 = Upper secondary school 4 = Education beyond upper secondary school (not university or university college) 5 = Short education at university college (1-2 years) 6 = University or university college (at least 3 years) Bachelor's degree 7 = University or university college (at least 5 years) Master or Doctoral degree 8 = I don't know</p>

Oman	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some Primary education or lower secondary education or did not go to school</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Post-secondary, non-tertiary education</p> <p>5 = Short-cycle tertiary education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Postgraduate degree: Master's or Doctorate</p> <p>8 = I don't know</p>
Qatar	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Some primary education or preparatory education or did not go to school</p> <p>2 = Preparatory education</p> <p>3 = Secondary education</p> <p>4 = Attained a diploma education</p> <p>5 = Option not administered or data not available</p> <p>6 = Attained a Bachelor's degree or equivalent level</p> <p>7 = Attained a post-graduate degree</p> <p>8 = I don't know</p>
Russian Federation	SQSS-07B	D	<p>Nationally defined options:</p> <p>1 = Did not finish primary or basic education or did not go to school</p> <p>2 = Basic general education (9 grades)</p> <p>3 = Secondary general education (11 grades)</p> <p>4 = Initial vocational education</p> <p>5 = Incomplete higher education: (two years or more)</p> <p>6 = Higher education: Bachelor or equivalent (three years or more)</p> <p>7 = Higher education: Master or equivalent (five years or more), second university degree; candidate or Doctor degree</p> <p>8 = I don't know</p>
Saudi Arabia	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary education or lower secondary education or did not go to school</p> <p>2 = Lower secondary education</p> <p>3 = Upper secondary education</p> <p>4 = Post-secondary, non-tertiary education</p> <p>5 = Short-cycle tertiary education</p> <p>6 = Bachelor's or equivalent level</p> <p>7 = Postgraduate degree: Master's or Doctorate</p> <p>8 = I don't know</p>
Singapore	SQIS-07B	D	<p>Nationally defined options:</p> <p>1 = Some primary or lower secondary or did not go to school</p> <p>2 = Lower secondary (completed Secondary 2)</p> <p>3 = Upper secondary</p> <p>4 = Post-secondary, non-tertiary (e.g., JC, CI, ITE)</p> <p>5 = Polytechnic</p> <p>6 = University Bachelor's degree</p> <p>7 = Master's or Doctoral (e.g., PhD) degree</p> <p>8 = I don't know</p>

Slovenia	SQSS-07B	D	<p>Nationally defined options:</p> <p>1 = Primary education or did not go to school 2 = Lower secondary education 3 = Upper secondary education 4 = Post-secondary, non-tertiary education (high school) 5 = Short-cycle tertiary education (2-year old study programs, also teacher college or vocational oriented study) 6 = University study of the first Bologna degree 7 = University 4 year study (old programs) or university study of the second Bologna degree or master of science or Doctorate of science 8 = I don't know</p>
South Africa	SQIS-07B	D	<p>National categories recoded for international comparability:</p> <p>1 = Did not go to school / Did not finish Grade 9 2 = Grade 9 3 = Grade 12 4 = Post-matric certificate 5 = Diploma 6 = First degree / Honours degree 7 = Master's degree / Doctoral degree 8 = I don't know</p>
Sweden	SQSS-07B	D	<p>Nationally defined options:</p> <p>1 = Did not go to school or less than 9 years in elementary school 2 = 9 years in elementary school 3 = Secondary school 4 = Tertiary education, not university college 5 = Higher education up to 2 years (e.g., university college degree) 6 = University or university college degree (e.g., Bachelor's degree 3 years) 7 = University or university college degree (e.g., Master's degree 4-5 years) or postgraduate education 8 = I don't know</p>
Thailand	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete primary or lower secondary education or did not go to school 2 = Lower secondary education 3 = Upper secondary education or equivalent 4 = Post-secondary, non-tertiary education 5 = Option not administered or data not available 6 = Bachelor's or equivalent level 7 = Graduate degree (Master's or PhD) 8 = I don't know</p>
Turkey	SQIS-07B	D	<p>National options recoded for international comparability:</p> <p>1 = Did not go to school or completed primary school or left elementary or secondary school 2 = Secondary school 3 = High school 4 = Option not administered or data not available 5 = Associate degree (2 years college) 6 = Bachelor of Science 7 = Master of Science or Doctorate 8 = I don't know</p>

UAE, Abu Dhabi	SQIS-07B	D	Nationally defined options: 1 = Some primary school or did not go to school 2 = Some secondary school 3 = Finish secondary school 4 = Training Certificate, apprenticeship, or traineeship 5 = College diploma 6 = Bachelor's degree or equivalent 7 = Beyond Bachelors' degree (e.g., Master's of Arts, PhD) 8 = I don't know
UAE, Dubai	SQIS-07B	D	Nationally defined options: 1 = Some primary school or did not go to school 2 = Some secondary school 3 = Finish secondary school 4 = Training Certificate, apprenticeship, or traineeship 5 = College diploma 6 = Bachelor's degree or equivalent 7 = Beyond Bachelors' degree (e.g., Master's of Arts, PhD) 8 = I don't know
United Arab Emirates	SQIS-07B	D	Nationally defined options: 1 = Some primary school or did not go to school 2 = Some secondary school 3 = Finish secondary school 4 = Training Certificate, apprenticeship, or traineeship 5 = College diploma 6 = Bachelor's degree or equivalent 7 = Beyond Bachelors' degree (e.g., Master's of Arts, PhD) 8 = I don't know
United States	SQIS-07B	D	National options recoded for international comparability: 1 = Less than high school 2 = Some high school 3 = High school graduate 4 = Option not administered or data not available 5 = Associate's degree (2-year college program) 6 = Bachelor's degree (4-year college program) 7 = Master's degree or professional degree (MD, DDS, lawyer, minister) / Doctorate (Ph.D. or Ed.D.) 8 = I don't know
USA, Florida	SQIS-07B	D	National options recoded for international comparability: 1 = Less than high school 2 = Some high school 3 = High school graduate 4 = Option not administered or data not available 5 = Associate's degree (2-year college program) 6 = Bachelor's degree (4-year college program) 7 = Master's degree or professional degree (MD, DDS, lawyer, minister) / Doctorate (Ph.D. or Ed.D.) 8 = I don't know

SQIS-08 / SQSS-08

Question:

How far in your education do you expect 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): BSBG08

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SQIS-08	D	National options recoded for international comparability: 1 = Basic secondary education 2 = All secondary education 3 = Option not administered or data not available 4 = Tertiary education / Short university degree 5 = Long university degree 6 = Master's or Doctorate
Australia	SQIS-08	D	National options recoded for international comparability: 1 = Year 10 2 = Year 12 3 = TAFE training certificate, apprenticeship or traineeship 4 = TAFE or college diploma (e.g., Diploma of Information Technology) 5 = Undergraduate degree (e.g., Bachelor of Arts) / Graduate or postgraduate diploma (e.g., Postgraduate Diploma of Education) 6 = Master's degree, PhD, or Doctorate
Bahrain	SQIS-08	D	Nationally defined options: 1 = Intermediate education 2 = Secondary education 3 = Diploma 4 = Postgraduate diploma 5 = Bachelor's 6 = Master's or PhD
Botswana	SQIS-08	D	Nationally defined options: 1 = Junior secondary 2 = Senior secondary 3 = Vocational or technical certificate 4 = Diploma 5 = First degree 6 = Master's degree or higher
CAN, Ontario	SQIS-08	D	Nationally defined options: 1 = Grade 8-Secondary 2 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 Doctoral degree

CAN, Quebec	SQIS-08	D	Nationally defined options: 1 = Grade 8-Secondary 2 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 Doctoral degree
Canada	SQIS-08	D	Nationally defined options: 1 = Grade 8-Secondary 2 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 Doctoral degree
Chile	SQIS-08	D	National options recoded for international comparability: 1 = Lower secondary education 2 = Upper secondary education 3 = Option not administered or data not available 4 = Program in a vocational education center / Professional education center 5 = Program in a university 6 = Master degree or PhD
Chinese Taipei	SQIS-08	D	National options recoded for international comparability: 1 = Junior high school program 2 = Senior high school or the vocational school program 3 = Junior college or the two-year college program 4 = Option not administered or data not available 5 = Two-year college of technology or four-year college of technology program / University program 6 = Master program / Ph.D. program
Egypt	SQIS-08	D	Nationally defined options: 1 = Preparatory education 2 = Secondary education 3 = Post-secondary, intermediate institutes, non-higher education 4 = Intermediate institutes 5 = Bachelor's degree or equivalent 6 = Master's degree or Ph.D.
England	SQIS-08	D	Nationally defined options: 1 = Lower secondary school up to the age of 14 2 = AS, A level or equivalent qualification, e.g., NVQ at Level 3 or GNVQ 3 = Higher Education Access Course 4 = Higher education qualification below degree level e.g., NVQ level 4 or 5, Diploma, nursing qualification or higher level in HNC, HND or BTEC 5 = University degree (e.g., BA, BSc, BEd) 6 = Master's Degree, doctorate, or higher degree (e.g., MPhil, PhD)
Georgia	SQSS-08	D	National options recoded for international comparability: 1 = Basic Level of General Education (9 grades) 2 = Secondary level of General Education (12 grades) 3 = Vocational School 4 = Higher Vocational School (4th and 5th degrees) 5 = First degree of Higher Education (Bachelor's, 4 years) 6 = Further degree of Higher Education - Master's / Further degree of Higher Education - Doctor's

Hong Kong SAR	SQIS-08	D	Nationally defined options: 1 = Junior secondary education 2 = Senior secondary education 3 = Vocational training after senior secondary education 4 = Certificate, diploma, or an associate degree 5 = Bachelor's degree 6 = Master's degree or Doctoral degree
Hungary	SQSS-08	D	National options recoded for international comparability: 1 = General school 2 = Vocational school (without final exam/matura) / Finish secondary vocational school with final exam (matura) or finish grammar school with final exam (matura) 3 = Vocational programs based on Maturity examination 4 = Accredited post secondary vocational programs (e.g., customs administrator, social insurance administrator) 5 = College or university BA level 6 = University or university MA level or education higher than these (e.g., PhD)
Iran, Islamic Rep. of	SQIS-08	D	Nationally defined options: 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 = Master's or Doctor
Ireland	SQIS-08	D	Nationally defined options: 1 = Junior Cert. 2 = Leaving Cert. 3 = Do a Post-Leaving Cert. course 4 = A third-level Cert. or Diploma (e.g., from an Institute of Technology) 5 = A university degree 6 = A Master's degree and/or Doctorate
Israel	SQIS-08	D	Nationally defined options: 1 = Junior school 2 = High school 3 = Preparatory program school 4 = Post-secondary post-certification studies (such as engineering, technicians) 5 = Bachelor degree (such as B.A., B.Ed., B.Sc.) 6 = Master degree or Doctor degree
Italy	SQIS-08	D	Nationally defined options: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Tertiary education level I 5 = Tertiary education level II or equivalent 6 = Postgraduate Masters, PhD or equivalent qualification
Japan	SQIS-08	D	Nationally defined options: 1 = Lower secondary school 2 = Upper secondary school 3 = Advanced course of upper secondary school 4 = Junior college, college of technology, or specialized training college (post-secondary course) 5 = University or college 6 = Graduate school

Jordan	SQIS-08	D	Nationally defined options: 1 = Basic cycle (grade 10) 2 = Secondary cycle (grade 12) 3 = Vocational center 4 = Community college diploma 5 = Bachelor's or equivalent 6 = Master's or Doctor
Kazakhstan	SQSS-08	D	National options recoded for international comparability: 1 = Basic secondary education (9 grades) 2 = General secondary education (11 grades) 3 = Technical and vocational education / Post-secondary education 4 = Option not administered or data not available 5 = Higher education (Bachelor's level) 6 = Postgraduate education (Master's or Doctor level)
Korea, Rep. of	SQIS-08	D	National options recoded for international comparability: 1 = Middle school 2 = High school 3 = Option not administered or data not available 4 = Two-year or three-year college 5 = Four-year university 6 = Graduate school (master's or doctoral program)
Kuwait	SQIS-08	D	Nationally defined options: 1 = Intermediate level 2 = Secondary level 3 = Pre-university education (e.g., diploma) 4 = Technical or Applied education 5 = Bachelor's or equivalent level 6 = Master's or Doctor level
Lebanon	SQSS-08	D	Nationally defined options: 1 = Grade 9 basic education (lower secondary education) 2 = Cycle 4 or secondary education 3 = Normal School - primary education (1 year after secondary cycle) 4 = Normal School - middle education (2 years after secondary cycle) 5 = Bachelor or equivalent (1st university cycle) 6 = Master or Doctorate
Lithuania	SQSS-08	D	National options recoded for international comparability: 1 = Lower secondary education 2 = Upper secondary education 3 = Vocational (already having secondary education) 4 = Option not administered or data not available 5 = Bachelor's (finish university) or vocational bachelor (finish college) degree 6 = Master's or Doctor degree
Malaysia	SQIS-08	D	Nationally defined options: 1 = Lower secondary (PMR) 2 = Upper secondary education (SPM/STPM/matriculation) 3 = Certificate (skills) 4 = Diploma (tertiary) 5 = Bachelor's 6 = Master's or PhD

Malta	SQSS-08	D	<p>National options recoded for international comparability:</p> <p>1 = Secondary education and achieve four or less Secondary Education Certificate (SEC) examination passes at Grade 1-7</p> <p>2 = Secondary education and achieve five or more Secondary Education Certificate (SEC) examinations at Grade 1-7 / Upper-secondary education and achieve a MATSEC Certificate</p> <p>3 = VET National Diploma or equivalent</p> <p>4 = Undergraduate Certificate or Diploma or VET Higher National Diploma Level or equivalent</p> <p>5 = Bachelors level or equivalent</p> <p>6 = Masters, Doctorate level or equivalent</p>
Morocco	SQSS-08	D	<p>Nationally defined options:</p> <p>1 = Lower secondary school</p> <p>2 = Upper secondary school</p> <p>3 = Preparatory classes</p> <p>4 = Diploma of university studies</p> <p>5 = Bachelor's degree or equivalent</p> <p>6 = Master's degree or Doctorate</p>
New Zealand	SQIS-08	D	<p>National option recoded for international comparability:</p> <p>1 = Up to the end of Year 10 / Level 1 of NCEA</p> <p>2 = At least Level 2 of NCEA</p> <p>3 = Trade certificate or national certificate course</p> <p>4 = National diploma course at a tertiary institution (e.g., counseling, business studies, fashion design)</p> <p>5 = Bachelor's degree</p> <p>6 = Bachelor's Honors degree, Post-graduate diploma, or Master's degree / PhD</p>
Norway	SQIS-08	D	<p>Nationally defined options:</p> <p>1 = Lower secondary school</p> <p>2 = Upper secondary school</p> <p>3 = Education beyond upper secondary school (not university or university college)</p> <p>4 = Short education at university college (1-2 years)</p> <p>5 = University or university college (at least 3 years) Bachelor's degree</p> <p>6 = University or university college (at least 5 years) Master or Doctoral degree</p>
Norway (Grade 8)	SQIS-08	D	<p>Nationally defined options:</p> <p>1 = Lower secondary school</p> <p>2 = Upper secondary school</p> <p>3 = Education beyond upper secondary school (not university or university college)</p> <p>4 = Short education at university college (1-2 years)</p> <p>5 = University or university college (at least 3 years) Bachelor's degree</p> <p>6 = University or university college (at least 5 years) Master or Doctoral degree</p>
Oman	SQIS-08	D	<p>Nationally defined options:</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 = Postgraduate degree: Master's or Doctor</p>

Qatar	SQIS-08	D	National options recoded for international comparability: 1 = Preparatory education 2 = Secondary education 3 = Diploma 4 = Option not administered or data not available 5 = Bachelor's degree or equivalent level 6 = Post-graduate degree
Russian Federation	SQSS-08	D	National options recoded for international comparability: 1 = Basic general education (9 grades) 2 = Secondary general education (11 grades) 3 = Initial vocational education 4 = Option not administered or data not available 5 = Higher education: Bachelor or equivalent (three years or more) 6 = Higher education: Master or equivalent (five years or more), second university degree; candidate or Doctor degree
Saudi Arabia	SQIS-08	D	Nationally defined options: 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
Singapore	SQIS-08	D	Nationally defined options: 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., PhD) degree
Slovenia	SQSS-08	D	Nationally defined options: 1 = I want to finish primary school and get a job 2 = I want to finish upper secondary school and get a job 3 = I want to finish upper secondary school and post-secondary, non-tertiary education (high school) and get a job 4 = I want to finish secondary school, vocational study at high school (3 years) and get a job 5 = I want to finish gymnasia with the general Matura first and first degree study at university (3 years) and get a job 6 = I want to finish second degree study at the University (5 years) and also the Doctorate of science
South Africa	SQIS-08	D	National options recoded for international comparability: 1 = Grade 9 2 = Grade 12 3 = Post-matric certificate 4 = Diploma 5 = First degree / Honours 6 = Master's degree or Doctoral degree
Sweden	SQSS-08	D	Nationally defined options: 1 = Elementary school 2 = Secondary school 3 = Tertiary education, not university college 4 = Higher education up to 2 years (e.g., university college degree) 5 = University or university college degree (e.g., Bachelor's degree 3 years) 6 = University or university college degree (e.g., Master's degree 4-5 years) or Postgraduate education

Thailand	SQIS-08	D	National options recoded for international comparability: 1 = Lower secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Option not administered or data not available 5 = Bachelor's or equivalent level 6 = Graduate degree (Master's or PhD)
Turkey	SQIS-08	D	National options recoded for international comparability: 1 = Secondary school 2 = High school 3 = Option not administered or data not available 4 = Two years college 5 = University (4 years) 6 = Master of Science or Doctorate
UAE, Abu Dhabi	SQIS-08	D	Nationally defined options: 1 = Some secondary school 2 = Secondary school 3 = Training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or Doctor (e.g., Master of Arts, PhD)
UAE, Dubai	SQIS-08	D	Nationally defined options: 1 = Some secondary school 2 = Secondary school 3 = Training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or Doctor (e.g., Master of Arts, PhD)
United Arab Emirates	SQIS-08	D	Nationally defined options: 1 = Some secondary school 2 = Secondary school 3 = Training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or Doctor (e.g., Master of Arts, PhD)
United States	SQIS-08	D	National options recoded for international comparability: 1 = Middle school 2 = High school 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) or Doctorate (Ph.D. or Ed.D.)
USA, Florida	SQIS-08	D	National options recoded for international comparability: 1 = Middle school 2 = High school 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) or Doctorate (Ph.D. or Ed.D.)

SQIS-09A / SQSS-09A

Question:

Was your mother (or stepmother or female guardian) born in <country>?

1 = Yes

2 = No

3 = I don't know

Variable Name(s): BSBG09A

Country	Item ID	Code	Documentation
United States	SQIS-09A	D	Stem of the question changed: Was your mother (or stepmother or female legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)
USA, Florida	SQIS-09A	D	Stem of the question changed: Was your mother (or stepmother or female legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)

SQIS-09B / SQSS-09B

Question:

Was your father (or stepfather or male guardian) born in <country>?

1 = Yes

2 = No

3 = I don't know

Variable Name(s): BSBG09B

Country	Item ID	Code	Documentation
United States	SQIS-09B	D	Stem of the question changed: Was your father (or stepfather or male legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)
USA, Florida	SQIS-09B	D	Stem of the question changed: Was your father (or stepfather or male legal guardian) born in the United States? ("United States" includes the 50 states, its territories, the District of Columbia, and U.S. military bases abroad)

SQIS-11 / SQSS-11

Question:

About how often are you absent from school?

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

Variable Name(s): BSBG11

Country	Item ID	Code	Documentation
Lithuania	SQSS-11	D	Nationally defined options: 1 = Once a week or more 2 = Once every two weeks 3 = Once a month 4 = I go to school always or almost always
New Zealand	SQIS-11	X	Question not administered or data not available

SQIS-14A-F / SQSS-14A-F

Question:

Do you use the Internet to do any of the following tasks for schoolwork (including classroom tasks, homework, studying outside of class)?

- A: Access the textbook or other course materials
- B: Access assignments posted online by my teacher
- C: Collaborate with classmates on assignments or projects
- D: Communicate with the teacher
- E: Find information, articles, or tutorials to aid in understanding mathematics
- F: Find information, articles, or tutorials to aid in understanding science

- 1 = Yes
- 2 = No

Variable Name(s): BSBG14A, BSBG14B, BSBG14C, BSBG14D, BSBG14E, BSBG14F

Country	Item ID	Code	Documentation
Kuwait	SQIS-14A-F	X	Option not administered or data not available for Arabic questionnaire (ITLANG = 53)

SQIS-16A-I / SQSS-16A-I

Question:

During this school 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: Hit or hurt me (e.g., shoving, hitting, kicking)
- F: Made me do things I didn't want to do
- G: Shared embarrassing information about me
- H: Posted embarrassing things about me online
- I: 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): BSBG16A, BSBG16B, BSBG16C, BSBG16D, BSBG16E, BSBG16F, BSBG16G, BSBG16H, BSBG16I

Country	Item ID	Code	Documentation
Israel	SQIS-16A-I	X	Option not administered or data not available

SQIS-20A-I / SQSS-20A-I

Question:

How much do you agree with these statements about mathematics?

- A: I think learning mathematics will help me in my daily life
- B: I need mathematics to learn other school subjects
- C: I need to do well in mathematics to get into the <university> of my choice
- D: I need to do well in mathematics to get the job I want
- E: I would like a job that involves using mathematics
- F: It is important to learn about mathematics to get ahead in the world
- G: Learning mathematics will give me more job opportunities when I am an adult
- H: My parents think that it is important that I do well in mathematics
- I: It is important to do well in mathematics

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

Variable Name(s): BSBM20A, BSBM20B, BSBM20C, BSBM20D, BSBM20E, BSBM20F, BSBM20G, BSBM20H, BSBM20I

Country	Item ID	Code	Documentation
Chinese Taipei	SQIS-20C	D	My ideal school
Egypt	SQIS-20C	D	Faculty
Malta	SQSS-20C	D	University or an equivalent vocational institution
New Zealand	SQIS-20C	D	University, polytechnic, or other tertiary institute
Norway	SQIS-20C	D	Education of my choice
Norway (Grade 8)	SQIS-20C	D	Education of my choice
Slovenia	SQSS-20C	D	Secondary school or gymnasium

SQSS-21

Question:

Are you studying biology in school this year?

1 = Yes

2 = No

Variable Name(s): BSBB21

Country	Item ID	Code	Documentation
Lebanon	SQSS-21	D	Stem of the question changed: Are you studying Life and Earth Sciences (L.E.S) in school this year?
Lithuania	SQSS-21	D	Gang punched to "Yes"

SQSS-22A-I

Question:

How much do you agree with these statements about learning biology?

A: I enjoy learning biology

B: I wish I did not have to study biology

C: Biology is boring

D: I learn many interesting things in biology

E: I like biology

F: I look forward to learning biology in school

G: Biology teaches me how things in the world work

H: I like to conduct biology experiments

I: Biology is one of my favorite subjects

1 = Agree a lot

2 = Agree a little

3 = Disagree a little

4 = Disagree a lot

Variable Name(s): BSBB22A, BSBB22B, BSBB22C, BSBB22D, BSBB22E, BSBB22F, BSBB22G, BSBB22H, BSBB22I

Country	Item ID	Code	Documentation
Lebanon	SQSS-22A-I	D	Stem of the question changed: How much do you agree with these statements about learning Life and Earth Sciences (L.E.S)? Biology replaced with Life and Earth Sciences (L.E.S) for all the options

SQIS-24A-I

Question:

How much do you agree with these statements about science?

- A: I think learning science will help me in my daily life
- B: I need science to learn other school subjects
- C: I need to do well in science to get into the <university> of my choice
- D: I need to do well in science to get the job I want
- E: I would like a job that involves using science
- F: It is important to learn about science to get ahead in the world
- G: Learning science will give me more job opportunities when I am an adult
- H: My parents think that it is important that I do well in science
- I: It is important to do well in science

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

Variable Name(s): BSBS24A, BSBS24B, BSBS24C, BSBS24D, BSBS24E, BSBS24F, BSBS24G, BSBS24H, BSBS24I

Country	Item ID	Code	Documentation
Chinese Taipei	SQIS-24C	D	My ideal school
Egypt	SQIS-24C	D	Faculty
New Zealand	SQIS-24C	D	University, polytechnic, or other tertiary institute
Norway	SQIS-24C	D	Education of my choice
Norway (Grade 8)	SQIS-24C	D	Education of my choice

SQSS-25

Question:

Are you studying earth science in school this year?

- 1 = Yes
- 2 = No

Variable Name(s): BSBE25

Country	Item ID	Code	Documentation
Lebanon	SQSS-25	X	Question not administered or data not available
Lithuania	SQSS-25	D	Gang punched to "Yes"
Sweden	SQSS-25	X	Question not administered or data not available

SQSS-26A-I

Question:

How much do you agree with these statements about learning earth science?

- A: I enjoy learning earth science
- B: I wish I did not have to study earth science
- C: Earth science is boring
- D: I learn many interesting things in earth science
- E: I like earth science
- F: I look forward to learning earth science in school
- G: Earth science teaches me how things in the world work
- H: I like to conduct earth science experiments
- I: Earth science is one of my favorite subjects

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

Variable Name(s): BSBE26A, BSBE26B, BSBE26C, BSBE26D, BSBE26E, BSBE26F, BSBE26G, BSBE26H, BSBE26I

Country	Item ID	Code	Documentation
Lebanon	SQSS-26A-I	X	Question not administered or data not available
Sweden	SQSS-26A-I	X	Question not administered or data not available

SQSS-27A-J

Question:

How much do you agree with these statements about your earth science lessons?

- A: I know what my teacher expects me to do
- B: My teacher is easy to understand
- C: I am interested in what my teacher says
- D: My teacher gives me interesting things to do
- E: My teacher has clear answers to my questions
- F: My teacher is good at explaining earth science
- 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
- J: My teacher listens to what I have to say

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

Variable Name(s): BSBE27A, BSBE27B, BSBE27C, BSBE27D, BSBE27E, BSBE27F, BSBE27G, BSBE27H, BSBE27I, BSBE27J

Country	Item ID	Code	Documentation
Lebanon	SQSS-27A-J	X	Question not administered or data not available
Sweden	SQSS-27A-J	X	Question not administered or data not available

SQSS-28A-H

Question:

How much do you agree with these statements about earth science?

- A: I usually do well in earth science
- B: Earth science is more difficult for me than for many of my classmates
- C: Earth science is not one of my strengths
- D: I learn things quickly in earth science
- E: I am good at working out difficult earth science problems
- F: My teacher tells me I am good at earth science
- G: Earth science is harder for me than any other subject
- H: Earth science makes me confused

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

Variable Name(s): BSBE28A, BSBE28B, BSBE28C, BSBE28D, BSBE28E, BSBE28F, BSBE28G, BSBE28H

Country	Item ID	Code	Documentation
Lebanon	SQSS-28A-H	X	Question not administered or data not available
Sweden	SQSS-28A-H	X	Question not administered or data not available

SQSS-29

Question:

Are you studying chemistry in school this year?

- 1 = Yes
- 2 = No

Variable Name(s): BSBC29

Country	Item ID	Code	Documentation
Lithuania	SQSS-29	D	Gang punched to "Yes"

SQSS-33

Question:

Are you studying physics in school this year?

- 1 = Yes
- 2 = No

Variable Name(s): BSBP33

Country	Item ID	Code	Documentation
Lithuania	SQSS-33	D	Gang punched to "Yes"

SQSS-37A-I

Question:

How much do you agree with these statements about science (including biology, earth science, chemistry, and physics)?

- A: I think learning science will help me in my daily life
- B: I need science to learn other school subjects
- C: I need to do well in science to get into the <university> of my choice
- D: I need to do well in science to get the job I want
- E: I would like a job that involves using science
- F: It is important to learn about science to get ahead in the world
- G: Learning science will give me more job opportunities when I am an adult
- H: My parents think that it is important that I do well in science
- I: It is important to do well in science

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

Variable Name(s): BSBS37A, BSBS37B, BSBS37C, BSBS37D, BSBS37E, BSBS37F, BSBS37G, BSBS37H, BSBS37I

Country	Item ID	Code	Documentation
Malta	SQSS-37C	D	University or equivalent vocational institution
Slovenia	SQSS-37C	D	Secondary school or gymnasium

SQSS-38AA-AE

Question:

How often does your teacher give you homework in each of the following subjects?

- A: Mathematics
- B: Biology
- C: Earth science
- D: Chemistry
- E: Physics

- 1 = Every day
- 2 = 3 or 4 times a week
- 3 = 1 or 2 times a week
- 4 = Less than once a week
- 5 = Never

Variable Name(s): BSBM38AA, BSBB38AB, BSBE38AC, BSBC38AD, BSBP38AE

Country	Item ID	Code	Documentation
Lebanon	SQSS-38AB	D	Life and Earth Sciences (L.E.S)
Lebanon	SQSS-38AC	X	Option not administered or data not available
Sweden	SQSS-38AC	X	Option not administered or data not available

SQSS-38BA-BE

Question:

When your teacher gives you homework in each of the following subjects, about how many minutes do you usually spend on your homework?

- A: Mathematics
- B: Biology
- C: Earth science
- D: Chemistry
- E: Physics

- 1 = My teacher never gives me homework in...
- 2 = 1–15 minutes
- 3 = 16–30 minutes
- 4 = 31–60 minutes
- 5 = 61–90 minutes
- 6 = More than 90 minutes

Variable Name(s): BSBM38BA, BSBB38BB, BSBE38BC, BSBC38BD, BSBP38BE

Country	Item ID	Code	Documentation
Lebanon	SQSS-38BB	D	Life and Earth Sciences (L.E.S)
Lebanon	SQSS-38BC	X	Option not administered or data not available
Sweden	SQSS-38BC	X	Option not administered or data not available

SQSS-39AA-AB

Question:

During the last 12 months, have you attended extra lessons or tutoring not provided by the school in the following subjects?

- A: Mathematics
- B: Science (including biology, earth science, chemistry, and physics)

- 1 = Yes, to excel in class
- 2 = Yes, to keep up in class
- 3 = No

Variable Name(s): BSBM39AA, BSBS39AB

Country	Item ID	Code	Documentation
Russian Federation	SQSS-39AB	D	Biology / Earth Science / Chemistry / Physics

TIMSS
2015

SECTION 6:
EIGHTH GRADE –
MATHEMATICS TEACHER
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

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> (If you have not completed <post-secondary or tertiary education>, go to #6)
- 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): BTBG04

Country	Item ID	Code	Documentation
ARG, Buenos Aires	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary, non-tertiary education 4 = Short cycle tertiary education 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Australia	TQG-04	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = TAFE or college diploma 5 = Undergraduate or Bachelor's degree / Graduate or postgraduate diploma 6 = Master's degree 7 = PhD or Doctorate
Bahrain	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Diploma 4 = Postgraduate diploma 5 = Bachelor's 6 = Master's 7 = PhD
Botswana	TQG-04	D	Nationally defined options: 1 = Did not complete senior secondary 2 = Senior secondary 3 = Vocational or technical certificate 4 = Diploma 5 = First degree 6 = Master's degree 7 = Higher than Master's degree

CAN, Ontario	TQG-04	D	Nationally defined options: 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
CAN, Quebec	TQG-04	D	Nationally defined options: 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
Canada	TQG-04	D	Nationally defined options: 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
Chile	TQG-04	D	National options recoded for international comparability: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Option not administered or data not available 4 = Program in a vocational education center / Professional education center 5 = Program in a university 6 = Master's degree 7 = PhD
Chinese Taipei	TQG-04	D	National options recoded for international comparability: 1 = Did not finish the senior high school or the vocational school program 2 = Senior high school or vocational school program 3 = Junior college or two-year college program 4 = Option not administered or data not available 5 = Finish two-year college of technology or four-year college of technology program / University program 6 = Master program 7 = Ph.D. program
Egypt	TQG-04	D	Nationally defined options: 1 = Didn't finished secondary education 2 = Secondary education 3 = Post-secondary education, intermediate institutes, non-higher education 4 = Intermediate institutes of higher education 5 = Bachelor's degree or equivalent 6 = Master's degree or equivalent 7 = Doctor's degree or equivalent

England	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete lower secondary school up to the age of 14</p> <p>2 = AS, A level or equivalent qualifications, e.g., NVQ at Level 3 or GNVQ</p> <p>3 = Higher Education Access Course</p> <p>4 = Higher education qualification below degree level e.g., NVQ level 4 or 5, Diploma, nursing qualification or higher level in HNC, HND or BTEC</p> <p>5 = University degree (e.g., BA, BSc, BEd)</p> <p>6 = Masters Degree</p> <p>7 = Doctorate or higher degree (e.g., MPhil, PhD)</p>
Georgia	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete General Education (before Grade 10-11)</p> <p>2 = Secondary level of General Education (Grade 10-11)</p> <p>3 = Vocational school</p> <p>4 = Higher vocational school</p> <p>5 = First degree higher education (4-year, Bachelor's)</p> <p>6 = Further degrees of higher education (Master's, 5-year education prior to 2005 equivalent to Master's)</p> <p>7 = Scientific degree (such as Candidate Doctor's or Doctor's)</p>
Hong Kong SAR	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete senior secondary education</p> <p>2 = Senior secondary education</p> <p>3 = Vocational training after senior secondary education</p> <p>4 = Completed a Certificate in Education (awarded by the Institute of Education or former Colleges of Education), diploma, or an associate degree</p> <p>5 = Bachelor's degree</p> <p>6 = Master's degree</p> <p>7 = Doctoral degree</p>
Hungary	TQG-04	D	<p>Nationally defined options:</p> <p>1 = I did not complete upper secondary education</p> <p>2 = Upper secondary education mature</p> <p>3 = Vocational programs (usually two years) based on Maturity examination</p> <p>4 = Accredited post secondary vocational programs</p> <p>5 = College or university BA level</p> <p>6 = University or university MA level</p> <p>7 = Higher than university or university MA level (e.g., PhD, University post-graduate program)</p>
Iran, Islamic Rep. of	TQG-04	D	<p>Nationally defined options:</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>
Ireland	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete Leaving Certificate</p> <p>2 = Leaving Certificate</p> <p>3 = PLC course or similar</p> <p>4 = Third-level Certificate or Diploma</p> <p>5 = University degree (e.g., Bachelor's)</p> <p>6 = Master's or equivalent</p> <p>7 = Doctorate or equivalent</p>

Israel	TQG-04	D	Nationally defined options: 1 = Did not complete High-school 2 = High-school 3 = Preparatory program school (such as pre-academic preparatory program school) 4 = Post-secondary post-certification studies (such as teacher's certificate not including B.Ed.) 5 = Bachelor degree (such as B.A., B.Ed., B.Sc.) 6 = Master degree 7 = Doctor degree
Italy	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary degree, non-tertiary education 4 = Tertiary education level I 5 = Tertiary education level II 6 = Master's or equivalent level 7 = Doctor or equivalent level
Japan	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary school 2 = Upper secondary school 3 = Advanced course of upper secondary school 4 = Junior college, college of technology, or specialized training college (post-secondary course) 5 = University or college 6 = Master's programs of graduate school 7 = Doctoral programs of graduate school
Jordan	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary education (vocational centers) 4 = Short-cycle tertiary education (community college diploma) 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Kazakhstan	TQG-04	D	National options recoded for international comparability: 1 = Did not complete general secondary education 2 = General secondary education 3 = Technical and Vocational Education / Post-secondary education 4 = Option not administered or data not available 5 = Higher education (Bachelor degree) 6 = Postgraduate education (Graduate School or Master degree) 7 = Doctorate (PhD)
Korea, Rep. of	TQG-04	D	National options recoded for international comparability: 1 = Did not complete high school 2 = High school 3 = Option not administered or data not available 4 = Two-year or three-year college 5 = Four-year university 6 = Graduate school for Master's degree 7 = Graduate school for Doctoral degree

Kuwait	TQG-04	D	Nationally defined options: 1 = Did not complete secondary level 2 = Secondary level 3 = Pre-university education (e.g., diploma) 4 = Technical or applied education 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level
Lebanon	TQG-04	D	Nationally defined options: 1 = Did not complete cycle 4 or secondary education 2 = Cycle 4 or secondary education 3 = Normal School - primary education (1 year after secondary cycle) 4 = Normal School - middle education (2 years after secondary cycle) 5 = Bachelor or equivalent (1st university cycle) 6 = Master's or equivalent 7 = Doctor or equivalent
Lithuania	TQG-04	D	Nationally defined options: 1 = Not completed secondary 2 = Secondary 3 = Vocational (already having secondary education) 4 = Finished further education school, technical school 5 = Bachelor's (finish university) or vocational bachelor (finish college) 6 = Master's or higher degree 7 = Doctor's or higher degree
Malaysia	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education (SPM/STPM/matriculation) 3 = Certificate (skills) 4 = Diploma (tertiary) 5 = Bachelor's 6 = Master's 7 = PhD
Malta	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education/MATSEC Certificate or equivalent 2 = Upper secondary education/MATSEC Certificate or equivalent 3 = VET National Diploma Level or equivalent 4 = Undergraduate Certificate or Diploma or VET Higher National Diploma Level or equivalent 5 = Bachelor's Degree, VET Degree or equivalent level 6 = Master's or equivalent level 7 = Doctorate or equivalent level
Morocco	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Preparatory classes (for entry to engineering schools) 4 = Diploma of university studies 5 = Bachelor's degree or equivalent 6 = Master's degree 7 = Doctorate

New Zealand	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = College of Education diploma or other national or vocational diploma 5 = Bachelor's degree 6 = Bachelor's Honors, Post-graduate diploma, or Master's degree 7 = PhD</p>
Norway	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Upper secondary school 3 = Education beyond upper secondary school (not university or university college) 4 = University or university college, less than 3 years 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent</p>
Norway (Grade 8)	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Upper secondary school 3 = Education beyond upper secondary school (not university or university college) 4 = University or university college, less than 3 years 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent</p>
Oman	TQG-04	D	<p>Nationally defined options:</p> <p>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</p>
Qatar	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete secondary education 2 = Secondary education 3 = Diploma 4 = Option not administered or data not available 5 = Bachelor's degree or equivalent level 6 = Master's degree or equivalent level 7 = PhD or equivalent level</p>
Russian Federation	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Basic general education 2 = Secondary general education 3 = Short-time course or program on the basis of secondary education, Initial vocational education 4 = Incomplete higher education: (two years or more) 5 = Higher education: Bachelor or equivalent (three years or more) 6 = Higher education: Master or equivalent (five years or more), second university degree 7 = Candidate or Doctor degree</p>

Saudi Arabia	TQG-04	D	Nationally defined options: 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
Singapore	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary 2 = Upper secondary 3 = Post-secondary, non-tertiary (e.g., JC, CI, ITE) 4 = Polytechnic 5 = University Bachelor's degree 6 = Master's degree 7 = Doctoral (e.g., PhD) degree
Slovenia	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education (high school) 4 = Short-cycle tertiary education (2-year old study programs, also teacher college or vocational oriented study) 5 = University study of the first Bologna degree 6 = University 4 year study (old programs) or university study of the second Bologna degree or master of science 7 = Doctorate of science
South Africa	TQG-04	D	National options recoded for international comparability: 1 = Did not complete Grade 12 2 = Grade 12 3 = Post-matric certificate 4 = Diploma 5 = First degree / Honours degree 6 = Master's degree 7 = Doctoral degree
Sweden	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Tertiary education, not university college 4 = Higher education up to 2 years (e.g., university college degree) 5 = University or university college degree (e.g., Bachelor's degree) 6 = University or university college degree (e.g., Master's degree) 7 = Postgraduate education (e.g., licentiate or PhD degree)
Thailand	TQG-04	D	National options recoded for international comparability: 1 = Did not complete upper secondary education 2 = Upper secondary education or equivalent 3 = Post-secondary, non-tertiary education 4 = Option not administered or data not available 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level

Turkey	TQG-04	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = Associate Degree (2 years college) 5 = Bachelor of Science (4 years) 6 = Master of Science 7 = Doctorate
UAE, Abu Dhabi	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 7 = Doctor or equivalent level
UAE, Dubai	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 7 = Doctor or equivalent level
United Arab Emirates	TQG-04	D	Nationally defined options: 1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 7 = Doctor or equivalent level
United States	TQG-04	D	National options recoded for international comparability: 1 = Did not complete high school 2 = High school graduate 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) 7 = Doctorate (Ph.D. or Ed.D.)
USA, Florida	TQG-04	D	National options recoded for international comparability: 1 = Did not complete high school 2 = High school graduate 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) 7 = Doctorate (Ph.D. or Ed.D.)

TQG-05A-I

Question:

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

- A: Mathematics
- B: Biology
- C: Physics
- D: Chemistry
- E: <Earth Science>
- F: Education–Mathematics
- G: Education–Science
- H: Education–General
- I: Other

1 = Yes

2 = No

Variable Name(s): BTBG05A, BTBG05B, BTBG05C, BTBG05D, BTBG05E, BTBG05F, BTBG05G, BTBG05H, BTBG05I

Country	Item ID	Code	Documentation
Botswana	TQG-05E	X	Option not administered or data not available
Chile	TQG-05A-I	D	Bachelor's education
Chile	TQG-05E	D	Earth Science or Geosciences
England	TQG-05E	D	Earth Science, including Environmental Science and Land Studies
Georgia	TQG-05E	D	Earth Science (physical geography)
Hong Kong SAR	TQG-05E	D	Earth Science or Geography
Hungary	TQG-05G	D	Biology Education, Physics Education, Chemistry Education, Earth Science
Ireland	TQG-05A-I	D	Third-level
Ireland	TQG-05E	D	Earth Science (e.g., geology, meteorology, hydrology)
Israel	TQG-05E	D	Earth and Universe science
Italy	TQG-05I	X	Option not administered or data not available
Kazakhstan	TQG-05E	D	Geography
Korea, Rep. of	TQG-05A-I	D	Stem of the question changed: What was your major of the study degree?
Kuwait	TQG-05E	D	Geology
Lebanon	TQG-05B	D	Life and Earth Sciences
Lebanon	TQG-05E	X	Option not administered or data not available
Lithuania	TQG-05E	D	Geography
Malta	TQG-05A-I	D	Tertiary
Morocco	TQG-05E	D	Geology
New Zealand	TQG-05B	D	Biology (including Botany, Zoology)
New Zealand	TQG-05E	D	Geology, Physical Geography, Earth Science

Norway	TQG-05A-I	D	Stem of the question changed: In what subjects do you have 20 "credits" or more from university or university college? (20 "credits" = 60 ECT points = 1 year fulltime study)
Norway	TQG-05E	D	Geology and related subjects
Norway (Grade 8)	TQG-05A-I	D	Stem of the question changed: In what subjects do you have 20 "credits" or more from university or university college? (20 "credits" = 60 ECT points = 1 year fulltime study)
Norway (Grade 8)	TQG-05E	D	Geology and related subjects
Russian Federation	TQG-05A-I	D	Stem of the question changed: What were your major or main areas of your professional education?
Russian Federation	TQG-05E	D	Geography
Singapore	TQG-05E	D	Geography
Slovenia	TQG-05A-I	D	University
Slovenia	TQG-05E	D	Geography
South Africa	TQG-05A-I	D	Tertiary
South Africa	TQG-05E	D	Earth or Environmental Science
South Africa	TQG-05I	D	Language, Reading, Other
Sweden	TQG-05E	D	Physical geography or Geo Science
Thailand	TQG-05E	D	Earth Astronomy and Space Science
Turkey	TQG-05A-I	D	Stem of the question changed: In which areas of higher education are you trained?
UAE, Abu Dhabi	TQG-05E	D	Earth Science (e.g., Geography, Geology)
UAE, Dubai	TQG-05E	D	Earth Science (e.g., Geography, Geology)
United Arab Emirates	TQG-05E	D	Earth Science (e.g., Geography, Geology)
United States	TQG-05A-I	D	College or university
USA, Florida	TQG-05A-I	D	College or university

TQM-13

Question:

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

Variable Name(s): BTBM13

Country	Item ID	Code	Documentation
Lithuania	TQM-13	D	The language they are taught

TQM-14A-G

Question:

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

- A: Relate the lesson to students' daily lives
- B: Ask students to explain their answers
- C: Ask students to complete challenging exercises that require them to go beyond the instruction
- D: Encourage classroom discussions among students
- E: Link new content to students' prior knowledge
- F: Ask students to decide their own problem solving procedures
- G: Encourage students to express their ideas in class

1 = Every or almost every lesson

2 = About half the lessons

3 = Some lessons

4 = Never

Variable Name(s): BTBM14A, BTBM14B, BTBM14C, BTBM14D, BTBM14E, BTBM14F, BTBM14G

Country	Item ID	Code	Documentation
Japan	TQM-14G	X	Option not administered or data not available

TQM-15A-G

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: Disruptive students
- E: Uninterested students
- F: Students with physical disabilities
- G: Students with mental, emotional, or psychological disabilities

1 = Not at all

2 = Some

3 = A lot

Variable Name(s): BTBM15A, BTBM15B, BTBM15C, BTBM15D, BTBM15E, BTBM15F, BTBM15G

Country	Item ID	Code	Documentation
Kazakhstan	TQM-15G	D	Students with intellectual or psychological disabilities

TQM-21AA-AE

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

- A: Computing with whole numbers
- B: Comparing and ordering rational numbers
- C: Computing with rational numbers (fractions, decimals, and integers)
- D: Concepts of irrational numbers
- E: Problem solving involving percents or proportions

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): BTBM21AA, BTBM21AB, BTBM21AC, BTBM21AD, BTBM21AE

Country	Item ID	Code	Documentation
Russian Federation	TQM-21AA-AE	X	Option not administered or data not available

TQM-21BA-BF

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

- A: Simplifying and evaluating algebraic expressions
- B: Simple linear equations and inequalities
- C: Simultaneous (two variables) equations
- D: Numeric, algebraic, and geometric patterns or sequences (extension, missing terms, generalization of patterns)
- E: Representation of functions as ordered pairs, tables, graphs, words, or equations
- F: Properties of functions (slopes, intercepts, etc.)

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): BTBM21BA, BTBM21BB, BTBM21BC, BTBM21BD, BTBM21BE, BTBM21BF

Country	Item ID	Code	Documentation
Russian Federation	TQM-21BA-BF	X	Option not administered or data not available

TQM-21CA-CF

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

- A: Geometric properties of angles and geometric shapes (triangles, quadrilaterals, and other common polygons)
- B: Congruent figures and similar triangles
- C: Relationship between three-dimensional shapes and their two-dimensional representations
- D: Using appropriate measurement formulas for perimeters, circumferences, areas, surface areas, and volumes
- E: Points on the Cartesian plane
- F: Translation, reflection, and rotation

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): BTBM21CA, BTBM21CB, BTBM21CC, BTBM21CD, BTBM21CE, BTBM21CF

Country	Item ID	Code	Documentation
Russian Federation	TQM-21CA-CF	X	Option not administered or data not available

TQM-21DA-DC

Question:

The following list includes the main topics addressed by the TIMSS mathematics test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose "Mostly taught before this year." If a topic was taught half this year but not yet completed, please choose "Mostly taught this year." If a topic is not in the curriculum, please choose "Not yet taught or just introduced."

- A: Characteristics of data sets (mean, median, mode, and shape of distributions)
- B: Interpreting data sets (e.g., draw conclusions, make predictions, and estimate values between and beyond given data points)
- C: Judging, predicting, and determining the chances of possible outcomes

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): BTBM21DA, BTBM21DB, BTBM21DC

Country	Item ID	Code	Documentation
Russian Federation	TQM-21DA-DC	X	Option not administered or data not available

TQM-25

Question:

In the past two years, how many hours in total have you spent in formal <in-service/professional development> (e.g., workshops, seminars, etc.) for mathematics?

- 1 = None
- 2 = Less than 6 hours
- 3 = 6–15 hours
- 4 = 16–35 hours
- 5 = More than 35 hours

Variable Name(s): BTBM25

Country	Item ID	Code	Documentation
England	TQM-25	D	Stem of the question changed: In the past two years, how many hours in total have you spent in formal INSET/CPD (e.g., workshops, seminars, etc.) for maths?
Norway	TQM-25	D	Stem of the question changed: How many hours total have you spent participating in courses or seminars in mathematics during the last two years?
Norway (Grade 8)	TQM-25	D	Stem of the question changed: How many hours total have you spent participating in courses or seminars in mathematics during the last two years?

TQM-26AA-AE

Question:

How well prepared do you feel you are to teach the following mathematics topics?
If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Computing with whole numbers
- B: Comparing and ordering rational numbers
- C: Computing with rational numbers (fractions, decimals, and integers)
- D: Concepts of irrational numbers
- E: Problem solving involving percents or proportions

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): BTBM26AA, BTBM26AB, BTBM26AC, BTBM26AD, BTBM26AE

Country	Item ID	Code	Documentation
Russian Federation	TQM-26AA-AE	X	Option not administered or data not available

TQM-26BA-BF

Question:

How well prepared do you feel you are to teach the following mathematics topics? □
If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Simplifying and evaluating algebraic expressions
- B: Simple linear equations and inequalities
- C: Simultaneous (two variables) equations
- D: Numeric, algebraic, and geometric patterns or sequences (extension, missing terms, generalization of patterns)
- E: Representation of functions as ordered pairs, tables, graphs, words, or equations
- F: Properties of functions (slopes, intercepts, etc.)

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): BTBM26BA, BTBM26BB, BTBM26BC, BTBM26BD, BTBM26BE, BTBM26BF

Country	Item ID	Code	Documentation
Russian Federation	TQM-26BA-BF	X	Option not administered or data not available

TQM-26CA-CF

Question:

How well prepared do you feel you are to teach the following mathematics topics? □
If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Geometric properties of angles and geometric shapes (triangles, quadrilaterals, and other common polygons)
- B: Congruent figures and similar triangles
- C: Relationship between three-dimensional shapes and their two-dimensional representations
- D: Using appropriate measurement formulas for perimeters, circumferences, areas, surface areas, and volumes
- E: Points on the Cartesian plane
- F: Translation, reflection, and rotation

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): BTBM26CA, BTBM26CB, BTBM26CC, BTBM26CD, BTBM26CE, BTBM26CF

Country	Item ID	Code	Documentation
Russian Federation	TQM-26CA-CF	X	Option not administered or data not available

TQM-26DA-DC

Question:

How well prepared do you feel you are to teach the following mathematics topics?
 If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Characteristics of data sets (mean, median, mode, and shape of distributions)
 - B: Interpreting data sets (e.g., draw conclusions, make predictions, and estimate values between and beyond given data points)
 - C: Judging, predicting, and determining the chances of possible outcomes
- 1 = Not applicable
 2 = Very well prepared
 3 = Somewhat prepared
 4 = Not well prepared

Variable Name(s): BTBM26DA, BTBM26DB, BTBM26DC

Country	Item ID	Code	Documentation
Russian Federation	TQM-26DA-DC	X	Option not administered or data not available

TIMSS
2015

SECTION 7:
EIGHTH GRADE –
SCIENCE TEACHER
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

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> (If you have not completed <post-secondary or tertiary education>, go to #6)
- 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): BTBG04

Country	Item ID	Code	Documentation
ARG, Buenos Aires	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary, non-tertiary education 4 = Short cycle tertiary education 5 = Bachelor’s or equivalent 6 = Master’s or equivalent 7 = Doctor or equivalent
Australia	TQG-04	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = TAFE or college diploma 5 = Undergraduate or Bachelor’s degree / Graduate or postgraduate diploma 6 = Master’s degree 7 = PhD or Doctorate
Bahrain	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Diploma 4 = Postgraduate diploma 5 = Bachelor’s 6 = Master’s 7 = PhD
Botswana	TQG-04	D	Nationally defined options: 1 = Did not complete senior secondary 2 = Senior secondary 3 = Vocational or technical certificate 4 = Diploma 5 = First degree 6 = Master’s degree 7 = Higher than Master’s degree

CAN, Ontario	TQG-04	D	Nationally defined options: 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
CAN, Quebec	TQG-04	D	Nationally defined options: 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
Canada	TQG-04	D	Nationally defined options: 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
Chile	TQG-04	D	National options recoded for international comparability: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Option not administered or data not available 4 = Program in a vocational education center / Professional education center 5 = Program in a university 6 = Master's degree 7 = PhD
Chinese Taipei	TQG-04	D	National options recoded for international comparability: 1 = Did not finish the senior high school or the vocational school program 2 = Senior high school or vocational school program 3 = Junior college or two-year college program 4 = Option not administered or data not available 5 = Finish two-year college of technology or four-year college of technology program / University program 6 = Master program 7 = Ph.D. program
Egypt	TQG-04	D	Nationally defined options: 1 = Didn't finished secondary education 2 = Secondary education 3 = Post-secondary education, intermediate institutes, non-higher education 4 = Intermediate institutes of higher education 5 = Bachelor's degree or equivalent 6 = Master's degree or equivalent 7 = Doctor's degree or equivalent

England	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete lower secondary school up to the age of 14 2 = AS, A level or equivalent qualifications, e.g., NVQ at Level 3 or GNVQ 3 = Higher Education Access Course 4 = Higher education qualification below degree level e.g., NVQ level 4 or 5, Diploma, nursing qualification or higher level in HNC, HND or BTEC 5 = University degree (e.g., BA, BSc, BEd) 6 = Masters Degree 7 = Doctorate or higher degree (e.g., MPhil, PhD)
Georgia	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete General Education (before Grade 10-11) 2 = Secondary level of General Education (Grade 10-11) 3 = Vocational school 4 = Higher vocational school 5 = First degree higher education (4-year, Bachelor's) 6 = Further degrees of higher education (Master's, 5-year education prior to 2005 equivalent to Master's) 7 = Scientific degree (such as Candidate Doctor's or Doctor's)
Hong Kong SAR	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete senior secondary education 2 = Senior secondary education 3 = Vocational training after senior secondary education 4 = Completed a Certificate in Education (awarded by the Institute of Education or former Colleges of Education), diploma, or an associate degree 5 = Bachelor's degree 6 = Master's degree 7 = Doctoral degree
Hungary	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = I did not complete upper secondary education 2 = Upper secondary education mature 3 = Vocational programs (usually two years) based on Maturity examination 4 = Accredited post secondary vocational programs 5 = College or university BA level 6 = University or university MA level 7 = Higher than university or university MA level (e.g., PhD, University post-graduate program)
Iran, Islamic Rep. of	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education 4 = Associated diploma 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level
Ireland	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete Leaving Certificate 2 = Leaving Certificate 3 = PLC course or similar 4 = Third-level Certificate or Diploma 5 = University degree (e.g., Bachelor's) 6 = Master's or equivalent 7 = Doctorate or equivalent

Israel	TQG-04	D	Nationally defined options: 1 = Did not complete High-school 2 = High-school 3 = Preparatory program school (such as pre-academic preparatory program school) 4 = Post-secondary post-certification studies (such as teacher's certificate not including B.Ed.) 5 = Bachelor degree (such as B.A., B.Ed., B.Sc.) 6 = Master degree 7 = Doctor degree
Italy	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary degree, non-tertiary education 4 = Tertiary education level I 5 = Tertiary education level II 6 = Master's or equivalent level 7 = Doctor or equivalent level
Japan	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary school 2 = Upper secondary school 3 = Advanced course of upper secondary school 4 = Junior college, college of technology, or specialized training college (post-secondary course) 5 = University or college 6 = Master's programs of graduate school 7 = Doctoral programs of graduate school
Jordan	TQG-04	D	Nationally defined options: 1 = Did not complete secondary education 2 = Secondary education 3 = Post-secondary education (vocational centers) 4 = Short-cycle tertiary education (community college diploma) 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent
Kazakhstan	TQG-04	D	National options recoded for international comparability: 1 = Did not complete general secondary education 2 = General secondary education 3 = Technical and Vocational Education / Post-secondary education 4 = Option not administered or data not available 5 = Higher education (Bachelor degree) 6 = Postgraduate education (Graduate School or Master degree) 7 = Doctorate (PhD)
Korea, Rep. of	TQG-04	D	National options recoded for international comparability: 1 = Did not complete high school 2 = High school 3 = Option not administered or data not available 4 = Two-year or three-year college 5 = Four-year university 6 = Graduate school for Master's degree 7 = Graduate school for Doctoral degree

Kuwait	TQG-04	D	Nationally defined options: 1 = Did not complete secondary level 2 = Secondary level 3 = Pre-university education (e.g., diploma) 4 = Technical or applied education 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level
Lebanon	TQG-04	D	Nationally defined options: 1 = Did not complete cycle 4 or secondary education 2 = Cycle 4 or secondary education 3 = Normal School - primary education (1 year after secondary cycle) 4 = Normal School - middle education (2 years after secondary cycle) 5 = Bachelor or equivalent (1st university cycle) 6 = Master's or equivalent 7 = Doctor or equivalent
Lithuania	TQG-04	D	Nationally defined options: 1 = Not completed secondary 2 = Secondary 3 = Vocational (already having secondary education) 4 = Finished further education school, technical school 5 = Bachelor's (finish university) or vocational bachelor (finish college) 6 = Master's or higher degree 7 = Doctor's or higher degree
Malaysia	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education (SPM/STPM/matriculation) 3 = Certificate (skills) 4 = Diploma (tertiary) 5 = Bachelor's 6 = Master's 7 = PhD
Malta	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education/MATSEC Certificate or equivalent 2 = Upper secondary education/MATSEC Certificate or equivalent 3 = VET National Diploma Level or equivalent 4 = Undergraduate Certificate or Diploma or VET Higher National Diploma Level or equivalent 5 = Bachelor's Degree, VET Degree or equivalent level 6 = Master's or equivalent level 7 = Doctorate or equivalent level
Morocco	TQG-04	D	Nationally defined options: 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Preparatory classes (for entry to engineering schools) 4 = Diploma of university studies 5 = Bachelor's degree or equivalent 6 = Master's degree 7 = Doctorate

New Zealand	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = College of Education diploma or other national or vocational diploma 5 = Bachelor's degree 6 = Bachelor's Honors, Post-graduate diploma, or Master's degree 7 = PhD</p>
Norway	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Upper secondary school 3 = Education beyond upper secondary school (not university or university college) 4 = University or university college, less than 3 years 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent</p>
Norway (Grade 8)	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Upper secondary school 3 = Education beyond upper secondary school (not university or university college) 4 = University or university college, less than 3 years 5 = Bachelor's or equivalent 6 = Master's or equivalent 7 = Doctor or equivalent</p>
Oman	TQG-04	D	<p>Nationally defined options:</p> <p>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</p>
Qatar	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete secondary education 2 = Secondary education 3 = Diploma 4 = Option not administered or data not available 5 = Bachelor's degree or equivalent level 6 = Master's degree or equivalent level 7 = PhD or equivalent level</p>
Russian Federation	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Basic general education 2 = Secondary general education 3 = Short-time course or program on the basis of secondary education, Initial vocational education 4 = Incomplete higher education: (two years or more) 5 = Higher education: Bachelor or equivalent (three years or more) 6 = Higher education: Master or equivalent (five years or more), second university degree 7 = Candidate or Doctor degree</p>

Saudi Arabia	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 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
Singapore	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary 2 = Upper secondary 3 = Post-secondary, non-tertiary (e.g., JC, CI, ITE) 4 = Polytechnic 5 = University Bachelor's degree 6 = Master's degree 7 = Doctoral (e.g., PhD) degree
Slovenia	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary education 2 = Upper secondary education 3 = Post-secondary, non-tertiary education (high school) 4 = Short-cycle tertiary education (2-year old study programs, also teacher college or vocational oriented study) 5 = University study of the first Bologna degree 6 = University 4 year study (old programs) or university study of the second Bologna degree or master of science 7 = Doctorate of science
South Africa	TQG-04	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not complete Grade 12 2 = Grade 12 3 = Post-matric certificate 4 = Diploma 5 = First degree / Honours degree 6 = Master's degree 7 = Doctoral degree
Sweden	TQG-04	D	<p>Nationally defined options:</p> <ul style="list-style-type: none"> 1 = Did not complete secondary school 2 = Secondary school 3 = Tertiary education, not university college 4 = Higher education up to 2 years (e.g., university college degree) 5 = University or university college degree (e.g., Bachelor's degree) 6 = University or university college degree (e.g., Master's degree) 7 = Postgraduate education (e.g., licentiate or PhD degree)
Thailand	TQG-04	D	<p>National options recoded for international comparability:</p> <ul style="list-style-type: none"> 1 = Did not complete upper secondary education 2 = Upper secondary education or equivalent 3 = Post-secondary, non-tertiary education 4 = Option not administered or data not available 5 = Bachelor's or equivalent level 6 = Master's or equivalent level 7 = Doctor or equivalent level

Turkey	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = Associate Degree (2 years college) 5 = Bachelor of Science (4 years) 6 = Master of Science 7 = Doctorate</p>
UAE, Abu Dhabi	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 7 = Doctor or equivalent level</p>
UAE, Dubai	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 7 = Doctor or equivalent level</p>
United Arab Emirates	TQG-04	D	<p>Nationally defined options:</p> <p>1 = Did not complete secondary school 2 = Secondary school 3 = Teacher training certificate, apprenticeship, or traineeship 4 = College diploma 5 = Bachelor's or equivalent 6 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 7 = Doctor or equivalent level</p>
United States	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete high school 2 = High school graduate 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) 7 = Doctorate (Ph.D. or Ed.D.)</p>
USA, Florida	TQG-04	D	<p>National options recoded for international comparability:</p> <p>1 = Did not complete high school 2 = High school graduate 3 = Option not administered or data not available 4 = Associate's degree (2-year college program) 5 = Bachelor's degree (4-year college program) 6 = Master's degree or professional degree (MD, DDS, lawyer, minister) 7 = Doctorate (Ph.D. or Ed.D.)</p>

TQG-05A-I

Question:

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

- A: Mathematics
- B: Biology
- C: Physics
- D: Chemistry
- E: <Earth Science>
- F: Education–Mathematics
- G: Education–Science
- H: Education–General
- I: Other

- 1 = Yes
- 2 = No

Variable Name(s): BTBG05A, BTBG05B, BTBG05C, BTBG05D, BTBG05E, BTBG05F, BTBG05G, BTBG05H, BTBG05I

Country	Item ID	Code	Documentation
Botswana	TQG-05E	X	Option not administered or data not available
Chile	TQG-05A-I	D	Bachelor's education
Chile	TQG-05E	D	Earth Science or Geosciences
England	TQG-05E	D	Earth Science, including Environmental Science and Land Studies
Georgia	TQG-05E	D	Earth Science (physical geography)
Hong Kong SAR	TQG-05E	D	Earth Science or Geography
Hungary	TQG-05G	D	Biology Education, Physics Education, Chemistry Education, Earth Science
Ireland	TQG-05A-I	D	Third-level
Ireland	TQG-05E	D	Earth Science (e.g., geology, meteorology, hydrology)
Israel	TQG-05E	D	Earth and Universe science
Italy	TQG-05I	X	Option not administered or data not available
Kazakhstan	TQG-05E	D	Geography
Korea, Rep. of	TQG-05A-I	D	Stem of the question changed: What was your major of the study degree?
Kuwait	TQG-05E	D	Geology
Lebanon	TQG-05B	D	Life and Earth Sciences
Lebanon	TQG-05E	X	Option not administered or data not available
Lithuania	TQG-05E	D	Geography
Malta	TQG-05A-I	D	Tertiary
Morocco	TQG-05E	D	Geology
New Zealand	TQG-05B	D	Biology (including Botany, Zoology)
New Zealand	TQG-05E	D	Geology, Physical Geography, Earth Science

Norway	TQG-05A-I	D	Stem of the question changed: In what subjects do you have 20 "credits" or more from university or university college? (20 "credits" = 60 ECT points = 1 year fulltime study)
Norway	TQG-05E	D	Geology and related subjects
Norway (Grade 8)	TQG-05A-I	D	Stem of the question changed: In what subjects do you have 20 "credits" or more from university or university college? (20 "credits" = 60 ECT points = 1 year fulltime study)
Norway (Grade 8)	TQG-05E	D	Geology and related subjects
Russian Federation	TQG-05A-I	D	Stem of the question changed: What were your major or main areas of your professional education?
Russian Federation	TQG-05E	D	Geography
Singapore	TQG-05E	D	Geography
Slovenia	TQG-05A-I	D	University
Slovenia	TQG-05E	D	Geography
South Africa	TQG-05A-I	D	Tertiary
South Africa	TQG-05E	D	Earth or Environmental Science
South Africa	TQG-05I	D	Language, Reading, Other
Sweden	TQG-05E	D	Physical geography or Geo Science
Thailand	TQG-05E	D	Earth Astronomy and Space Science
Turkey	TQG-05A-I	D	Stem of the question changed: In which areas of higher education are you trained?
UAE, Abu Dhabi	TQG-05E	D	Earth Science (e.g., Geography, Geology)
UAE, Dubai	TQG-05E	D	Earth Science (e.g., Geography, Geology)
United Arab Emirates	TQG-05E	D	Earth Science (e.g., Geography, Geology)
United States	TQG-05A-I	D	College or university
USA, Florida	TQG-05A-I	D	College or university

TQS-13

Question:

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

Variable Name(s): BTBS13

Country	Item ID	Code	Documentation
Lithuania	TQS-13	D	The language they are taught

TQS-15A-G

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: Disruptive students
- E: Uninterested students
- F: Students with physical disabilities
- G: Students with mental, emotional, or psychological disabilities

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

Variable Name(s): BTBS15A, BTBS15B, BTBS15C, BTBS15D, BTBS15E, BTBS15F, BTBS15G

Country	Item ID	Code	Documentation
Kazakhstan	TQS-15G	D	Students with intellectual or psychological disabilities

TQS-17A-J

Question:

In teaching science to this class, how would you characterize your confidence in doing the following?

- A: Inspiring students to learn science
- B: Explaining science concepts or principles by doing science experiments
- C: Providing challenging tasks for the highest achieving students
- D: Adapting my teaching to engage students' interest
- E: Helping students appreciate the value of learning science
- F: Assessing student comprehension of science
- G: Improving the understanding of struggling students
- H: Making science relevant to students
- I: Developing students' higher-order thinking skills
- J: Teaching science using inquiry methods

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

Variable Name(s): BTBS17A, BTBS17B, BTBS17C, BTBS17D, BTBS17E, BTBS17F, BTBS17G, BTBS17H, BTBS17I, BTBS17J

Country	Item ID	Code	Documentation
Russian Federation	TQS-17A-J	D	<p>Stem of the question changed: How confident do you feel to do the following in teaching science to the tested class?</p> <p>Nationally defined options: 1 = Absolutely confident 2 = Very confident 3 = Confident 4 = Somewhat confident</p>

TQS-20AA-AG

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

- A: Differences among major taxonomic groups of organisms (plants, animals, fungi, mammals, birds, reptiles, fish, amphibians)
- B: Major organs and organ systems in humans and other organisms (structure/function, life processes that maintain stable bodily conditions)
- C: Cells, their structure and functions, including respiration and photosynthesis as cellular processes
- D: Life cycles, sexual reproduction, and heredity (passing on of traits, inherited versus acquired/learned characteristics)
- E: Role of variation and adaptation in survival/extinction of species in a changing environment (including fossil evidence for changes in life on Earth over time)
- F: Interdependence of populations of organisms in an ecosystem (e.g., energy flow, food webs, competition, predation) and factors affecting population size in an ecosystem
- G: Human health (causes of infectious diseases, methods of infection, prevention, immunity) and the importance of diet and exercise in maintaining health

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): BTBS20AA, BTBS20AB, BTBS20AC, BTBS20AD, BTBS20AE, BTBS20AF, BTBS20AG

Country	Item ID	Code	Documentation
Russian Federation	TQS-20AA-AG	X	Option not administered or data not available

TQS-20BA-BF

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

- A: Classification, composition, and particulate structure of matter (elements, compounds, mixtures, molecules, atoms, protons, neutrons, electrons)
- B: Physical and chemical properties of matter
- C: Mixtures and solutions (solvent, solute, concentration/dilution, effect of temperature on solubility)
- D: Properties and uses of common acids and bases
- E: Chemical change (transformation of reactants, evidence of chemical change, conservation of matter, common oxidation reactions – combustion, rusting, tarnishing)
- F: The role of electrons in chemical bonds

- 1 = Mostly taught before this year
- 2 = Mostly taught this year
- 3 = Not yet taught or just introduced

Variable Name(s): BTBS20BA, BTBS20BB, BTBS20BC, BTBS20BD, BTBS20BE, BTBS20BF

Country	Item ID	Code	Documentation
Russian Federation	TQS-20BA-BF	X	Option not administered or data not available

TQS-20CA-CE

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

A: Physical states and changes in matter (explanations of properties in terms of movement and distance between particles; phase change, thermal expansion, and changes in volume and/or pressure)

B: Energy forms, transformations, heat, and temperature

C: Basic properties/behaviors of light (reflection, refraction, light and color, simple ray diagrams) and sound (transmission through media, loudness, pitch, amplitude, frequency)

D: Electric circuits (flow of current; types of circuits - parallel/series) and properties and uses of permanent magnets and electromagnets

E: Forces and motion (types of forces, basic description of motion, effects of density and pressure)

1 = Mostly taught before this year

2 = Mostly taught this year

3 = Not yet taught or just introduced

Variable Name(s): BTBS20CA, BTBS20CB, BTBS20CC, BTBS20CD, BTBS20CE

Country	Item ID	Code	Documentation
Russian Federation	TQS-20CA-CE	X	Option not administered or data not available

TQS-20DA-DD

Question:

The following list includes the main topics addressed by the TIMSS science test. Choose the response that best describes when the students in this class have been taught each topic. If a topic was in the curriculum before the <eighth grade>, please choose “Mostly taught before this year.” If a topic was taught half this year but not yet completed, please choose “Mostly taught this year.” If a topic is not in the curriculum, please choose “Not yet taught or just introduced.”

A: Earth’s structure and physical features (Earth’s crust, mantle, and core; composition and relative distribution of water, and composition of air)

B: Earth’s processes, cycles, and history (rock cycle; water cycle; weather versus climate; major geological events; formation of fossils and fossil fuels)

C: Earth’s resources, their use and conservation (e.g., renewable/nonrenewable resources, human use of land/soil, water resources)

D: Earth in the solar system and the universe (phenomena on Earth - day/night, tides, phases of moon, eclipses, seasons; physical features of Earth compared to other bodies)

1 = Mostly taught before this year

2 = Mostly taught this year

3 = Not yet taught or just introduced

Variable Name(s): BTBS20DA, BTBS20DB, BTBS20DC, BTBS20DD

Country	Item ID	Code	Documentation
Russian Federation	TQS-20DA-DD	X	Option not administered or data not available

TQS-24

Question:

In the past two years, how many hours in total have you spent in formal <in-service/professional development> (e.g., workshops, seminars, etc.) for science?

- 1 = None
- 2 = Less than 6 hours
- 3 = 6–15 hours
- 4 = 16–35 hours
- 5 = More than 35 hours

Variable Name(s): BTBS24

Country	Item ID	Code	Documentation
England	TQS-24	D	Stem of the question changed: In the past two years, how many hours in total have you spent in formal INSET/CPD (e.g., workshops, seminars, etc.) for science?
Norway	TQS-24	D	Stem of the question changed: How many hours total have you spent participating in courses or seminars in science during the last two years?
Norway (Grade 8)	TQS-24	D	Stem of the question changed: How many hours total have you spent participating in courses or seminars in science during the last two years?

TQS-25AA-AG

Question:

How well prepared do you feel you are to teach the following science topics?
If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Differences among major taxonomic groups of organisms (plants, animals, fungi, mammals, birds, reptiles, fish, amphibians)
- B: Major organs and organ systems in humans and other organisms (structure/function, life processes that maintain stable bodily conditions)
- C: Cells, their structure and functions, including respiration and photosynthesis as cellular processes
- D: Life cycles, sexual reproduction, and heredity (passing on of traits, inherited versus acquired/learned characteristics)
- E: Role of variation and adaptation in survival/extinction of species in a changing environment (including fossil evidence for changes in life on Earth over time)
- F: Interdependence of populations of organisms in an ecosystem (e.g., energy flow, food webs, competition, predation) and factors affecting population size in an ecosystem
- G: Human health (causes of infectious diseases, methods of infection, prevention, immunity) and the importance of diet and exercise in maintaining health

- 1 = Not applicable
- 2 = Very well prepared
- 3 = Somewhat prepared
- 4 = Not well prepared

Variable Name(s): BTBS25AA, BTBS25AB, BTBS25AC, BTBS25AD, BTBS25AE, BTBS25AF, BTBS25AG

Country	Item ID	Code	Documentation
Russian Federation	TQS-25AA-AG	X	Option not administered or data not available

TQS-25BA-BF

Question:

How well prepared do you feel you are to teach the following science topics?
 If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Classification, composition, and particulate structure of matter (elements, compounds, mixtures, molecules, atoms, protons, neutrons, electrons)
 - B: Physical and chemical properties of matter
 - C: Mixtures and solutions (solvent, solute, concentration/dilution, effect of temperature on solubility)
 - D: Properties and uses of common acids and bases
 - E: Chemical change (transformation of reactants, evidence of chemical change, conservation of matter, common oxidation reactions – combustion, rusting, tarnishing)
 - F: The role of electrons in chemical bonds
- 1 = Not applicable
 2 = Very well prepared
 3 = Somewhat prepared
 4 = Not well prepared

Variable Name(s): BTBS25BA, BTBS25BB, BTBS25BC, BTBS25BD, BTBS25BE, BTBS25BF

Country	Item ID	Code	Documentation
Russian Federation	TQS-25BA-BF	X	Option not administered or data not available

TQS-25CA-CE

Question:

How well prepared do you feel you are to teach the following science topics?
 If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

- A: Physical states and changes in matter (explanations of properties in terms of movement and distance between particles; phase change, thermal expansion, and changes in volume and/or pressure)
 - B: Energy forms, transformations, heat, and temperature
 - C: Basic properties/behaviors of light (reflection, refraction, light and color, simple ray diagrams) and sound (transmission through media, loudness, pitch, amplitude, frequency)
 - D: Electric circuits (flow of current; types of circuits - parallel/series) and properties and uses of permanent magnets and electromagnets
 - E: Forces and motion (types of forces, basic description of motion, effects of density and pressure)
- 1 = Not applicable
 2 = Very well prepared
 3 = Somewhat prepared
 4 = Not well prepared

Variable Name(s): BTBS25CA, BTBS25CB, BTBS25CC, BTBS25CD, BTBS25CE

Country	Item ID	Code	Documentation
Russian Federation	TQS-25CA-CE	X	Option not administered or data not available

TQS-25DA-DD

Question:

How well prepared do you feel you are to teach the following science topics?

If a topic is not in the <eighth grade> curriculum or you are not responsible for teaching this topic, please choose "Not applicable."

A: Earth's structure and physical features (Earth's crust, mantle, and core; composition and relative distribution of water, and composition of air)

B: Earth's processes, cycles, and history (rock cycle; water cycle; weather versus climate; major geological events; formation of fossils and fossil fuels)

C: Earth's resources, their use and conservation (e.g., renewable/nonrenewable resources, human use of land/soil, water resources)

D: Earth in the solar system and the universe (phenomena on Earth - day/night, tides, phases of moon, eclipses, seasons; physical features of Earth compared to other bodies)

1 = Not applicable

2 = Very well prepared

3 = Somewhat prepared

4 = Not well prepared

Variable Name(s): BTBS25DA, BTBS25DB, BTBS25DC, BTBS25DD

Country	Item ID	Code	Documentation
Russian Federation	TQS-25DA-DD	X	Option not administered or data not available

TIMSS
2015

SECTION 8:
EIGHTH GRADE –
SCHOOL
QUESTIONNAIRE

TIMSS 2015 USER GUIDE FOR THE
INTERNATIONAL DATABASE



IEA

TIMSS & PIRLS
International Study Center
Lynch School of Education, Boston College

SCQ-01

Question:

What is the total enrollment of students in your school as of <first day of month TIMSS testing begins, 2015>?

Variable Name(s): BCBG01

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-01	D	October 1, 2014
Australia	SCQ-01	D	October 1, 2014
Bahrain	SCQ-01	D	March 1, 2015
Botswana	SCQ-01	D	October 1, 2015
CAN, Ontario	SCQ-01	D	April 1, 2015
CAN, Quebec	SCQ-01	D	April 1, 2015
Canada	SCQ-01	D	April 1, 2015
Chile	SCQ-01	D	November 1, 2014
Chinese Taipei	SCQ-01	D	May 1, 2015
Egypt	SCQ-01	D	April 1, 2015
England	SCQ-01	D	March 1, 2015
Georgia	SCQ-01	D	April 1, 2015
Hong Kong SAR	SCQ-01	D	April 1, 2015
Hungary	SCQ-01	D	March 1, 2015
Iran, Islamic Rep. of	SCQ-01	D	April 10, 2015
Ireland	SCQ-01	D	April 1, 2015
Israel	SCQ-01	D	March 1, 2015
Italy	SCQ-01	D	March 1, 2015
Japan	SCQ-01	D	March 1, 2015
Jordan	SCQ-01	D	April 1, 2015
Kazakhstan	SCQ-01	D	April 1, 2015
Korea, Rep. of	SCQ-01	D	December 1, 2014
Kuwait	SCQ-01	D	April 1, 2015
Lebanon	SCQ-01	D	May 1, 2015
Lithuania	SCQ-01	D	March 1, 2015
Malaysia	SCQ-01	D	October 1, 2014
Malta	SCQ-01	D	April 1, 2015

Morocco	SCQ-01	D	May 1, 2015
New Zealand	SCQ-01	D	October 1, 2014
Norway	SCQ-01	D	March 1, 2015
Norway (Grade 8)	SCQ-01	D	March 1, 2015
Oman	SCQ-01	D	April 1, 2015
Qatar	SCQ-01	D	April 1, 2015
Russian Federation	SCQ-01	D	April 1, 2015
Saudi Arabia	SCQ-01	D	May 6, 2015
Singapore	SCQ-01	D	October 1, 2014
Slovenia	SCQ-01	D	Stem of the question changed: What is the total enrollment of students in your school in this school year?
South Africa	SCQ-01	D	August 1, 2015
Sweden	SCQ-01	D	March 1, 2015
Thailand	SCQ-01	D	February 1, 2015
Turkey	SCQ-01	D	March 2, 2015
UAE, Abu Dhabi	SCQ-01	D	February 1, 2015
UAE, Dubai	SCQ-01	D	February 1, 2015
United Arab Emirates	SCQ-01	D	February 1, 2015
United States	SCQ-01	D	March 1, 2015
USA, Florida	SCQ-01	D	March 1, 2015

SCQ-02

Question:

What is the total enrollment of <eighth grade> students in your school as of <first day of month TIMSS testing begins, 2015>?

Variable Name(s): BCBG02

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-02	D	October 1, 2014
Australia	SCQ-02	D	October 1, 2014
Bahrain	SCQ-02	D	March 1, 2015
Botswana	SCQ-02	D	October 1, 2015
CAN, Ontario	SCQ-02	D	April 1, 2015
CAN, Quebec	SCQ-02	D	April 1, 2015
Canada	SCQ-02	D	April 1, 2015
Chile	SCQ-02	D	November 1, 2014

Chinese Taipei	SCQ-02	D	May 1, 2015
Egypt	SCQ-02	D	April 1, 2015
England	SCQ-02	D	March 1, 2015
Georgia	SCQ-02	D	April 1, 2015
Hong Kong SAR	SCQ-02	D	April 1, 2015
Hungary	SCQ-02	D	March 1, 2015
Iran, Islamic Rep. of	SCQ-02	D	April 10, 2015
Ireland	SCQ-02	D	April 1, 2015
Israel	SCQ-02	D	March 1, 2015
Italy	SCQ-02	D	March 1, 2015
Japan	SCQ-02	D	March 1, 2015
Jordan	SCQ-02	D	April 1, 2015
Kazakhstan	SCQ-02	D	April 1, 2015
Korea, Rep. of	SCQ-02	D	December 1, 2014
Kuwait	SCQ-02	D	April 1, 2015
Lebanon	SCQ-02	D	May 1, 2015
Lithuania	SCQ-02	D	March 1, 2015
Malaysia	SCQ-02	D	October 1, 2014
Malta	SCQ-02	D	April 1, 2015
Morocco	SCQ-02	D	May 1, 2015
New Zealand	SCQ-02	D	October 1, 2014
Norway	SCQ-02	D	March 1, 2015
Norway (Grade 8)	SCQ-02	D	March 1, 2015
Oman	SCQ-02	D	April 1, 2015
Qatar	SCQ-02	D	April 1, 2015
Russian Federation	SCQ-02	D	April 1, 2015
Saudi Arabia	SCQ-02	D	May 6, 2015
Singapore	SCQ-02	D	October 1, 2014
Slovenia	SCQ-02	D	Stem of the question changed: What is the total enrollment of grade 8 students in your school?
South Africa	SCQ-02	D	August 1, 2015
Sweden	SCQ-02	D	March 1, 2015
Thailand	SCQ-02	D	February 1, 2015
Turkey	SCQ-02	D	March 2, 2015
UAE, Abu Dhabi	SCQ-02	D	February 1, 2015

UAE, Dubai	SCQ-02	D	February 1, 2015
United Arab Emirates	SCQ-02	D	February 1, 2015
United States	SCQ-02	D	March 1, 2015
USA, Florida	SCQ-02	D	March 1, 2015

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): BCBG03A, BCBG03B

Country	Item ID	Code	Documentation
Kazakhstan	SCQ-03A	D	Come from socially disadvantaged families
Kazakhstan	SCQ-03B	D	Come from socially affluent families

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): BCBG04

Country	Item ID	Code	Documentation
Ireland	SCQ-04	D	English or Irish
Lithuania	SCQ-04	D	The language they are taught
Singapore	SCQ-04	D	Gang punched to "25% or less"

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): BCBG05A

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-05A	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 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
Australia	SCQ-05A	D	National options 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
Malta	SCQ-05A	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Option not administered or data not available 4 = Option not administered or data not available 5 = 15,001 to 30,000 6 = 3,001 to 15,000 7 = 3,000 people or fewer
Singapore	SCQ-05A	D	Gang punched to "More than 500,000 people"

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): BCBG05B

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-05B	D	National options recoded for international comparability: 1 = Urban–densely populated 2 = Suburban–on fringe or outskirts of urban area 3 = Option not administered or data not available 4 = Option not administered or data not available 5 = Option not administered or data not available
Kuwait	SCQ-05B	D	National options recoded for international comparability: 1 = Area with dense population 2 = Option not administered or data not available 3 = Area with medium size population 4 = Area with small size population 5 = Remote area
Malta	SCQ-05B	D	National options recoded for international comparability: 1 = Option not administered or data not available 2 = Option not administered or data not available 3 = Medium size city or large town (15,000 to about 100,000 people) 4 = Small town or village (3,000 to about 15,000) 5 = A village or rural areas (fewer than 3,000)
Singapore	SCQ-05B	D	Gang punched to "Urban–Densely populated"

SCQ-06A-B

Question:

Does your school provide free meals for students?

- A: Breakfast
- B: Lunch

- 1 = Yes, for all students
- 2 = Yes, for some students
- 3 = No

Variable Name(s): BCBG06A, BCBG06B

Country	Item ID	Code	Documentation
Sweden	SCQ-06B	D	Gang punched to "Yes, for all students"

SCQ-07A

Question:

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

Variable Name(s): BCBG07A

Country	Item ID	Code	Documentation
New Zealand	SCQ-07A	D	Stem of the question changed: For the Year 9 students in your school: How many days per year is your school open for instruction (Note: 386 half days = 193 instructional days)?
Singapore	SCQ-07A	D	Gang punched to "185"

SCQ-07B

Question:

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

Variable Name(s): BCBG07B

Country	Item ID	Code	Documentation
Chinese Taipei	SCQ-07B	D	Stem of the question changed: For the eighth-grade students in your school, what is the total instructional time of all-day classes in a typical day? (excluding lunch breaks, self-study session, after-school time etc.)
Iran, Islamic Rep. of	SCQ-07B	D	Stem of the question changed: What is the total instruction time, excluding breaks, time for lunch and prayer, in a typical day?

SCQ-07C

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): BCBG07C

Country	Item ID	Code	Documentation
Singapore	SCQ-07C	D	Gang punched to "5 days"

SCQ-09A-B

Question:

As a general school policy, is student achievement used to assign <eighth grade> students to classes (e.g., streaming, tracking, setting)?

A: For mathematics classes

B: For science classes

1 = Yes

2 = No

Variable Name(s): BCBG09A, BCBG09B

Country	Item ID	Code	Documentation
Hungary	SCQ-09B	D	Biology / Chemistry / Physics / Earth Science
Iran, Islamic Rep. of	SCQ-09A-B	D	Stem of the question changed: Is GPA used to assign eighth grade students to classes?
Italy	SCQ-09A-B	X	Question not administered or data not available

SCQ-13AA-AI

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: Audio-visual resources for delivery of instruction (e.g., interactive white boards, digital projectors)

H: Computer technology for teaching and learning (e.g., computers or tablets for student use)

I: Resources for students with disabilities

1 = Not at all

2 = A little

3 = Some

4 = A lot

Variable Name(s): BCBG13AA, BCBG13AB, BCBG13AC, BCBG13AD, BCBG13AE, BCBG13AF, BCBG13AG, BCBG13AH, BCBG13AI

Country	Item ID	Code	Documentation
Italy	SCQ-13AB	X	Option not administered or data not available
Korea, Rep. of	SCQ-13AF	D	Technologically professional staff (including operational staffs)

SCQ-13CA-CE

Question:

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

- A: Teachers with a specialization in science
- B: Computer software/applications for science instruction
- C: Library resources relevant to science instruction
- D: Calculators for science instruction
- E: Science equipment and materials for experiments

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

Variable Name(s): BCBG13CA, BCBG13CB, BCBG13CC, BCBG13CD, BCBG13CE

Country	Item ID	Code	Documentation
CAN, Ontario	SCQ-13CE	D	A science lab, science equipment and materials for experiments
CAN, Quebec	SCQ-13CE	D	A science lab, science equipment and materials for experiments
Canada	SCQ-13CE	D	A science lab, science equipment and materials for experiments

SCQ-16A-C

Question:

How difficult was it to fill <eighth grade> teaching vacancies for this school year for the following subjects?

- A: Mathematics
- B: Science
- C: Other

- 1 = Were no vacancies in this subject
- 2 = Easy to fill vacancies
- 3 = Somewhat difficult
- 4 = Very difficult

Variable Name(s): BCBG16A, BCBG16B, BCBG16C

Country	Item ID	Code	Documentation
Hungary	SCQ-16B	X	Option not administered or data not available
Ireland	SCQ-16A-C	D	Junior Cycle

SCQ-17A-C

Question:

Does your school currently use any incentives (e.g., pay, housing, signing bonus, smaller classes) to recruit or retain <eighth grade> teachers in the following fields?

A: Mathematics

B: Science

C: Other

1 = Yes

2 = No

Variable Name(s): BCBG17A, BCBG17B, BCBG17C

Country	Item ID	Code	Documentation
Hungary	SCQ-17B	D	Biology / Chemistry / Physics / Earth Science
Ireland	SCQ-17A-C	D	Junior Cycle

SCQ-18A-B

Question:

To what degree is each of the following a problem among teachers in your school?

A: Arriving late or leaving early

B: Absenteeism

1 = Not a problem

2 = Minor problem

3 = Moderate problem

4 = Serious problem

Variable Name(s): BCBG18A, BCBG18B

Country	Item ID	Code	Documentation
New Zealand	SCQ-18A-B	X	Question not administered or data not available

SCQ-21

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): BCBG21

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's 3 = Master's 4 = Doctorate

Australia	SCQ-21	D	National options recoded for international comparability: 1 = TAFE or college diploma 2 = Undergraduate or Bachelor's degree / Graduate or postgraduate diploma 3 = Master's degree 4 = PhD or Doctorate
Bahrain	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's 3 = Master's 4 = PhD
Botswana	SCQ-21	D	Nationally defined options: 1 = Did not complete first degree 2 = First degree 3 = Master's degree 4 = Doctorate
CAN, Ontario	SCQ-21	D	Nationally defined options: 1 = Did not complete a Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctoral degree
CAN, Quebec	SCQ-21	D	Nationally defined options: 1 = Did not complete a Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctoral degree
Canada	SCQ-21	D	Nationally defined options: 1 = Did not complete a Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctoral degree
Chile	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's 2 = Bachelor's 3 = Master or equivalent 4 = Doctor or equivalent
Chinese Taipei	SCQ-21	D	National options recoded for international comparability: 1 = Did not finish the university program 2 = Two-year college of technology or four-year college of technology program / University program 3 = Master program 4 = Ph.D. program
Egypt	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Doctor or equivalent
England	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent teaching qualification 2 = Bachelor's or equivalent teaching qualification 3 = Master's degree, PGCE or equivalent 4 = Doctorate or equivalent higher degree

Georgia	SCQ-21	D	Nationally defined options: 1 = Did not complete the first stage of higher education (Baccalaureate) 2 = First stage of higher education (Baccalaureate) 3 = Second stage of higher education (Master's) 4 = Third stage of higher education (Doctorate)
Hong Kong SAR	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctoral degree
Hungary	SCQ-21	D	Nationally defined options: 1 = Lower than college or university BA level 2 = College or university BA level 3 = University or university MA level 4 = Higher than university or university MA level (e.g., PhD)
Iran, Islamic Rep. of	SCQ-21	D	Nationally defined options: 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-21	D	Nationally defined options: 1 = Did not complete university degree (e.g., Bachelor's) 2 = University degree (e.g., Bachelor's) 3 = Master's or equivalent 4 = Doctorate or equivalent
Israel	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor degree 2 = Bachelor degree (such as B.A., B.Ed., B.Sc.) 3 = Master degree 4 = Doctor degree
Italy	SCQ-21	D	Nationally defined options: 1 = Upper secondary education or short-cycle tertiary education 2 = Tertiary education level II certificate 3 = Master's or equivalent level 4 = Doctor or equivalent level
Japan	SCQ-21	D	Nationally defined options: 1 = Did not complete university or college 2 = University or college 3 = Master's programs of graduate school 4 = Doctoral programs of graduate school
Jordan	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Doctor or equivalent
Kazakhstan	SCQ-21	D	Nationally defined options: 1 = Did not complete higher education 2 = Bachelor degree 3 = Master degree 4 = Doctor degree

Korea, Rep. of	SCQ-21	D	Nationally defined options: 1 = Did not complete 4-year university 2 = 4-year university 3 = Master's program 4 = Doctoral program
Kuwait	SCQ-21	D	Nationally defined options: 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
Lebanon	SCQ-21	D	Nationally defined options: 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
Lithuania	SCQ-21	D	Nationally defined options: 1 = Did not acquire Bachelor's (did not finish university) or vocational Bachelor (did not finish college) degree 2 = Bachelor's (finish university) or vocational Bachelor (finish college) degree 3 = Master's or higher degree 4 = Doctor's or higher degree
Malaysia	SCQ-21	D	Nationally defined options: 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
Malta	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree, vocational education and training degree or equivalent level 2 = Bachelor's degree, vocational education and training degree or equivalent level 3 = Master's or equivalent level 4 = Doctorate or equivalent level
Morocco	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree 2 = Bachelor's degree 3 = Master's degree 4 = Doctorate
New Zealand	SCQ-21	D	Nationally defined options: 1 = College of Education diploma or other national or vocational diploma 2 = Bachelor's degree 3 = Bachelor's Honours, Post-graduate diploma, or Master's degree 4 = PhD
Norway	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Doctor or equivalent
Norway (Grade 8)	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent 4 = Doctor or equivalent

Oman	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent level 2 = Bachelor's or equivalent level 3 = Master's or equivalent 4 = Doctor or equivalent level
Qatar	SCQ-21	D	Nationally defined options: 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 = Doctor or equivalent level
Russian Federation	SCQ-21	D	Nationally defined options: 1 = Did not complete higher education or initial vocational education 2 = Higher education: Bachelor or equivalent (three years or more) 3 = Higher education: Master or equivalent (five years or more), second university degree 4 = Candidate or Doctor degree or equivalent level
Saudi Arabia	SCQ-21	D	Nationally defined options: 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
Singapore	SCQ-21	D	Nationally defined options: 1 = Did not complete university Bachelor's degree 2 = University Bachelor's degree 3 = Master's degree 4 = Doctoral (e.g., PhD) degree
Slovenia	SCQ-21	D	Nationally defined options: 1 = Did not complete university study of the first Bologna degree 2 = University study of the first Bologna degree 3 = University 4 year study (old programs) or university study of the second Bologna degree or master of science 4 = Doctorate of science
South Africa	SCQ-21	D	National options recoded for international comparability: 1 = Did not finish first degree 2 = First degree / Honours degree 3 = Master's degree 4 = Doctoral degree
Sweden	SCQ-21	D	Nationally defined options: 1 = Did not complete university or university college degree (e.g., Bachelor's degree) 2 = University or university college degree (e.g., Bachelor's degree) 3 = University or university college degree (e.g., Master's degree) 4 = Postgraduate education (e.g., licentiate or PhD degree)
Thailand	SCQ-21	D	Nationally defined options: 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
Turkey	SCQ-21	D	Nationally defined options: 1 = Undergraduate education 2 = Bachelor of Science 3 = Master of Science 4 = Doctorate

UAE, Abu Dhabi	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 4 = Doctor's or equivalent
UAE, Dubai	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 4 = Doctor's or equivalent
United Arab Emirates	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's or equivalent 2 = Bachelor's or equivalent 3 = Master's or equivalent (e.g., Master's of arts degree, M.Sc) 4 = Doctor's or equivalent
United States	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree (4-year college program) 2 = Bachelor's degree (4-year college program) 3 = Master's degree or professional degree (MD, DDS, lawyer, minister) 4 = Doctorate (Ph.D. or Ed.D.)
USA, Florida	SCQ-21	D	Nationally defined options: 1 = Did not complete Bachelor's degree (4-year college program) 2 = Bachelor's degree (4-year college program) 3 = Master's degree or professional degree (MD, DDS, lawyer, minister) 4 = Doctorate (Ph.D. or Ed.D.)

SCQ-22A-B

Question:

Do you hold the following degrees in educational leadership?

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

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

1 = Yes

2 = No

Variable Name(s): BCBG22A, BCBG22B

Country	Item ID	Code	Documentation
ARG, Buenos Aires	SCQ-22A	D	Master's
ARG, Buenos Aires	SCQ-22B	D	Doctorate
Australia	SCQ-22A	D	Master's degree
Australia	SCQ-22B	D	PhD or Doctorate
Bahrain	SCQ-22A	D	Master's
Bahrain	SCQ-22B	D	PhD
Botswana	SCQ-22A	D	Master's degree
Botswana	SCQ-22B	D	Doctorate degree
CAN, Ontario	SCQ-22A	D	Master's degree level

CAN, Ontario	SCQ-22B	D	Doctoral degree level
CAN, Quebec	SCQ-22A	D	Master's degree level
CAN, Quebec	SCQ-22B	D	Doctoral degree level
Canada	SCQ-22A	D	Master's degree level
Canada	SCQ-22B	D	Doctoral degree level
Chile	SCQ-22A	D	Master's or equivalent
Chile	SCQ-22B	D	Doctor or equivalent
Chinese Taipei	SCQ-22A	D	Master's degree
Chinese Taipei	SCQ-22B	D	Ph.D. degree
Egypt	SCQ-22A	D	Master or equivalent
Egypt	SCQ-22B	D	Doctor or equivalent
England	SCQ-22A	D	Master's degree or equivalent
England	SCQ-22B	D	Doctorate or equivalent higher degree
Georgia	SCQ-22A	D	Master's degree
Georgia	SCQ-22B	D	Doctorate degree
Hong Kong SAR	SCQ-22A	D	Master's degree
Hong Kong SAR	SCQ-22B	D	Doctoral degree
Hungary	SCQ-22A	D	University or university MA level
Hungary	SCQ-22B	D	Higher than university or university MA level (e.g., PhD)
Iran, Islamic Rep. of	SCQ-22A	D	Master's or equivalent level
Iran, Islamic Rep. of	SCQ-22B	D	Doctor or equivalent level
Ireland	SCQ-22A	D	Master's or equivalent
Ireland	SCQ-22B	D	Doctorate or equivalent
Israel	SCQ-22A	D	Master degree
Israel	SCQ-22B	D	Doctor degree
Italy	SCQ-22A-B	D	Stem of the question changed: Do you hold the following degrees specifically designed to train school principals?
Italy	SCQ-22A	D	Master's or equivalent
Italy	SCQ-22B	D	Doctor or equivalent
Japan	SCQ-22A	D	Master's degree
Japan	SCQ-22B	D	Doctor's degree
Jordan	SCQ-22A	D	Master's or equivalent
Jordan	SCQ-22B	D	Doctor or equivalent
Kazakhstan	SCQ-22A	D	Master degree

Kazakhstan	SCQ-22A-B	D	Stem of the question changed: Do you have a scientific degree?
Kazakhstan	SCQ-22B	D	Doctor degree
Korea, Rep. of	SCQ-22A	D	Master's degree
Korea, Rep. of	SCQ-22B	D	Doctoral degree
Kuwait	SCQ-22A	D	Master's or equivalent level
Kuwait	SCQ-22B	D	Doctor or equivalent level
Lebanon	SCQ-22A	D	Master or equivalent
Lebanon	SCQ-22B	D	Doctorate or equivalent
Lithuania	SCQ-22A	D	Master's or higher degree
Lithuania	SCQ-22B	D	Doctor's or higher degree
Malaysia	SCQ-22A	D	Master's or equivalent
Malaysia	SCQ-22B	D	Doctor or equivalent
Malta	SCQ-22A	D	Master's or equivalent level
Malta	SCQ-22B	D	Doctorate or equivalent level
Morocco	SCQ-22A	D	Master's degree
Morocco	SCQ-22B	D	Doctorate
New Zealand	SCQ-22A-B	X	Question not administered or data not available
Norway	SCQ-22A	D	Master's or equivalent
Norway	SCQ-22B	D	Doctor or equivalent
Norway (Grade 8)	SCQ-22A	D	Master's or equivalent
Norway (Grade 8)	SCQ-22B	D	Doctor or equivalent
Oman	SCQ-22A	D	Master's or equivalent level
Oman	SCQ-22B	D	Doctor or equivalent level
Qatar	SCQ-22A	D	Master's degree or equivalent level
Qatar	SCQ-22B	D	PhD or equivalent level
Russian Federation	SCQ-22A	D	Higher education: Master or equivalent (five years or more), second university degree
Russian Federation	SCQ-22B	D	Candidate or Doctor degree
Saudi Arabia	SCQ-22A	D	Master's or equivalent level
Saudi Arabia	SCQ-22B	D	Doctor or equivalent level
Singapore	SCQ-22A	D	Master's degree
Singapore	SCQ-22B	D	Doctoral (e.g., PhD) degree
Slovenia	SCQ-22A	D	University 4 year study (old programs) or university study of the second Bologna degree or master of science
Slovenia	SCQ-22B	D	Doctorate of science

South Africa	SCQ-22A	D	Master's degree
South Africa	SCQ-22B	D	Doctoral degree
Sweden	SCQ-22A	D	University or university college degree (e.g., Master's degree)
Sweden	SCQ-22B	D	Postgraduate education (e.g., licentiate or PhD degree)
Thailand	SCQ-22A	D	Master's or equivalent level
Thailand	SCQ-22B	D	Doctor's or equivalent level
Turkey	SCQ-22A	D	Master of Science
Turkey	SCQ-22B	D	Doctorate
UAE, Abu Dhabi	SCQ-22A	D	Master's or equivalent (e.g., Master's of arts degree, M.Sc)
UAE, Abu Dhabi	SCQ-22B	D	Doctor's or equivalent
UAE, Dubai	SCQ-22A	D	Master's or equivalent (e.g., Master's of arts degree, M.Sc)
UAE, Dubai	SCQ-22B	D	Doctor's or equivalent
United Arab Emirates	SCQ-22A	D	Master's or equivalent (e.g., Master's of arts degree, M.Sc)
United Arab Emirates	SCQ-22B	D	Doctor's or equivalent
United States	SCQ-22A	D	Master's degree or professional degree (MD, DDS, lawyer, minister)
United States	SCQ-22B	D	Doctorate (Ph.D. or Ed.D.)
USA, Florida	SCQ-22A	D	Master's degree or professional degree (MD, DDS, lawyer, minister)
USA, Florida	SCQ-22B	D	Doctorate (Ph.D. or Ed.D.)



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