

**Appendix B.1: Information About the Students Assessed in TIMSS 2019**

The TIMSS target populations are the grades that represent four years and eight years of schooling counting from the first year of ISCED Level 1. However, IEA has a policy that students do not fall under the minimum average age of 9.5 years old (Grade 4) or 13.5 years old (Grade 8) at the time of testing, so England, Malta, and New Zealand assessed students in their fifth or ninth year of formal schooling. Norway chose to assess students in the fifth and ninth years of schooling, so students would be compared with similar age students in Sweden, Denmark, and Finland.

Average age at the time of testing can vary across countries by just over a year (e.g., at the fourth grade from 9.7 to 10.9 years) depending on a country's policy on age of entry to school. For information on age of entry policy and practice, see Exhibit 2 of the *TIMSS 2019 Encyclopedia*.

Country	Grade 4		Grade 8	
	Country's Name for Fourth Year of Schooling *	Average Age at Time of Testing	Country's Name for Eighth Year of Schooling *	Average Age at Time of Testing
Albania	Grade 4	10.0		
Armenia	Grade 4	9.9		
Australia	Year 4	10.1	Year 8	14.1
Austria	Grade 4	10.4		
Azerbaijan	Grade 4	10.3		
Bahrain	Grade 4	9.8	Grade 8	13.8
Belgium (Flemish)	Grade 4	10.0		
Bosnia and Herzegovina	Grade 4	10.1		
Bulgaria	Grade 4	10.7		
Canada	Grade 4	9.9		
Chile	Grade 4	10.1	Grade 8	14.2
Chinese Taipei	Grade 4	10.2	Grade 8	14.3
Croatia	Grade 4	10.5		
Cyprus	Grade 4	9.8	Grade 8	13.8
Czech Republic	Grade 4	10.4		
Denmark	Grade 4	10.9		
Egypt			Grade 8	13.9
England	Year 5	10.2	Year 9	14.0
Finland	Grade 4	10.8	Grade 8	14.8
France	Third Cycle Year 1 (CM1)	9.9	Fourth Cycle Year 2 (4 <sup>e</sup> )	13.9
Georgia	Grade 4	10.1	Grade 8	13.8
Germany	Grade 4	10.4		
Hong Kong SAR	Primary 4	10.1	Secondary 2	14.1
Hungary	Grade 4	10.5	Grade 8	14.6
Iran, Islamic Rep. of	Grade 4	10.2	Grade 8	14.1
Ireland	Fourth Class	10.4	Second Year	14.4
Israel			Grade 8	14.0
Italy	Primary Grade 4	9.6	Lower Secondary Grade 3	13.7
Japan	Grade 4	10.4	Grade 8	14.4
Jordan			Grade 8	13.9
Kazakhstan	Grade 4	10.4	Grade 8	14.3
Korea, Rep. of	Elementary School Grade 4	10.5	Middle School Grade 2	14.5
Kosovo	Grade 4	9.9		
Kuwait	Grade 4	9.7	Grade 8	13.8
Latvia	Grade 4	10.8		
Lebanon			Grade 8	14.0
Lithuania	Grade 4	10.7	Grade 8	14.7
Malaysia			Grade 8	14.3
Malta	Year 5	9.8		
Montenegro	Grade 4	9.8		
Morocco	Grade 4	10.1	Secondary School Year 2	14.5
Netherlands	Group 6	10.1		
New Zealand	Year 5	10.0	Year 9	13.9
North Macedonia	Grade 4	9.8		
Northern Ireland	Year 6	10.4		
Norway	Grade 5	10.7	Grade 9	14.7
Oman	Grade 4	9.7	Grade 8	13.9
Pakistan	Grade 4	10.6		
Philippines	Grade 4	10.1		
Poland	Grade 4	10.3		
Portugal	Grade 4	10.0	Grade 8	14.0
Qatar	Grade 4	9.9	Grade 8	14.0
Romania			Grade 8	14.8
Russian Federation	Grade 4	10.8	Grade 8	14.8
Saudi Arabia	Grade 4	9.9	Grade 8	13.9
Serbia	Grade 4	10.6		
Singapore	Primary 4	10.4	Secondary 2	14.3
Slovak Republic	Grade 4	10.4		
South Africa	Grade 5	11.5	Grade 9	15.5

\* Countries' names for the fourth year and eighth year of formal schooling were reported by National Research Coordinators. An empty cell indicates country did not participate at that grade.

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(Continued)

Country	Grade 4		Grade 8	
	Country's Name for Fourth Year of Schooling *	Average Age at Time of Testing	Country's Name for Eighth Year of Schooling *	Average Age at Time of Testing
Spain	Grade 4	9.9		
Sweden	Grade 4	10.8	Grade 8	14.8
Turkey	Grade 5	10.6	Grade 8	13.9
United Arab Emirates	Grade 4	9.7	Grade 8	13.7
United States	Grade 4	10.2	Grade 8	14.2
<b>Benchmarking Participants</b>				
Ontario, Canada	Grade 4	9.8	Grade 8	13.8
Quebec, Canada	Grade 4	10.1	Secondary 2	14.2
Moscow City, Russian Fed.	Grade 4	10.8	Grade 8	14.8
Madrid, Spain	Grade 4	9.9		
Gauteng, RSA			Grade 9	15.3
Western Cape, RSA			Grade 9	15.5
Abu Dhabi, UAE	Grade 4	9.7	Grade 8	13.7
Dubai, UAE	Grade 4 or Year 5	9.9	Grade 8 or Year 9	13.9

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2019  
 Downloaded from <http://timss2019.org/download>

