
Standard Error Tables

Percentile Tables

Standard Error Tables

Table S-2. Standard errors for the average PIRLS scores of fourth-grade students on reading literacy scale and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2006

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All jurisdictions	0.0	0.9	0.7
Russian Federation	3.4	4.0	3.6
Hong Kong, SAR	2.4	5.1	2.4
Canada, Alberta	2.4	3.9	3.1
Canada, British Columbia	2.6	7.3	2.7
Singapore	2.9	4.7	4.0
Luxembourg	1.1	3.7	1.9
Canada, Ontario	2.7	5.6	3.6
Hungary	3.0	8.2	3.0
Italy	2.9	4.5	4.8
Sweden	2.3	6.5	3.1
Germany	2.2	4.2	1.8
Belgium (Flemish)	2.0	3.7	1.9
Bulgaria	4.4	5.2	5.6
Netherlands	1.5	2.9	1.4
Denmark	2.3	6.1	3.3
Canada, Nova Scotia	2.2	3.4	3.6
Latvia	2.3	3.6	2.8
United States	3.5	6.6	3.7
England	2.6	5.1	3.4
Austria	2.2	3.3	4.0
Lithuania	1.6	3.4	2.6
Chinese Taipei	2.0	3.9	2.3
Canada, Quebec	2.8	5.0	4.1
New Zealand	2.0	4.0	4.0
Slovak Republic	2.8	6.0	2.9
Scotland	2.8	7.4	3.3
France	2.1	3.2	1.7
Slovenia	2.1	2.9	3.0
Poland	2.4	4.9	2.9
Spain	2.5	5.1	3.6
Israel	3.3	10.1	2.8
Iceland	1.3	3.5	2.2
Belgium (French)	2.6	4.1	3.5
Moldova, Republic of	3.0	5.1	3.8
Norway	2.6	5.8	2.8
Romania	5.0	10.2	4.6
Georgia	3.1	5.0	2.2
Macedonia, Republic of	4.1	6.4	3.5
Trinidad and Tobago	4.9	7.9	5.4
Iran, Islamic Republic of	3.1	5.3	3.4
Indonesia	4.1	6.6	4.7
Qatar	1.1	3.7	1.8
Kuwait	4.2	8.3	4.8
Morocco	5.9	7.3	10.2
South Africa	5.6	5.3	12.9

SOURCE: Mullis, I.V.S., Martin, M.O., Kennedy, A.M., and Foy, P. (2007). *PIRLS 2006 International Report: IEA's Progress in International Reading Literacy Study in Primary Schools in 40 Countries*, exhibit 1.1. Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College; and International Association for the Evaluation of Educational Achievement (IEA), *Progress in International Reading Literacy Study (PIRLS), 2006*, unpublished tabulations (November 2008).

Table S-3. Standard errors for the average PISA scores of 15-year-old students on reading literacy scale and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2003

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All OECD jurisdictions	0.6	1.3	0.6
OECD			
Finland	1.6	3.1	2.2
Korea, Republic of	3.1	5.2	4.1
Canada	1.8	3.1	2.1
Australia	2.1	3.6	2.7
New Zealand	2.5	4.4	2.9
Ireland	2.6	4.6	3.0
Sweden	2.4	4.3	2.9
Netherlands	2.9	5.2	2.9
Belgium	2.6	6.6	2.1
Norway	2.8	4.7	3.9
Switzerland	3.3	5.6	3.9
Japan	3.9	6.5	4.8
Poland	2.9	5.0	3.4
France	2.7	7.0	2.7
United States	3.2	5.2	3.5
Denmark	2.8	4.6	2.7
Iceland	1.6	4.8	2.8
Germany	3.4	6.8	3.2
Austria	3.8	6.3	3.7
Czech Republic	3.5	6.9	3.8
Hungary	2.5	4.2	3.4
Spain	2.6	4.9	2.8
Luxembourg	1.5	2.9	2.1
Portugal	3.7	7.1	3.5
Italy	3.0	6.8	2.1
Greece	4.1	6.2	4.4
Slovak Republic	3.1	5.8	3.0
Turkey	5.8	5.3	11.4
Mexico	4.1	5.5	6.1
Non-OECD			
Liechtenstein	3.6	11.7	11.8
Hong Kong-China	3.7	6.7	2.9
Macao-China	2.2	5.1	3.7
Latvia	3.7	5.3	4.6
Russian Federation	3.9	6.1	4.4
Uruguay	3.4	6.0	4.5
Thailand	2.8	3.4	4.5
Serbia and Montenegro	3.6	4.6	4.8
Brazil	4.6	7.5	5.2
Indonesia	3.4	4.9	4.6
Tunisia	2.8	3.8	4.3

SOURCE: Organization for Economic Cooperation and Development (OECD). (2004). *Learning for Tomorrow's World: First Results from PISA 2003*, table 6.2. Paris: Author.

Table S-4. Standard errors for the average TIMSS scores of fourth-grade students in mathematics and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2007

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All jurisdictions	0.0	0.9	0.7
Hong Kong, SAR	3.6	4.0	6.0
Singapore	3.7	7.1	4.5
Chinese Taipei	1.7	2.3	2.3
Japan	2.1	3.0	3.3
Kazakhstan	7.1	9.1	7.3
Russian Federation	4.9	4.7	6.9
England	2.9	5.2	4.9
Latvia	2.3	2.2	3.9
Netherlands	2.1	4.9	2.6
Lithuania	2.4	3.3	3.6
United States	2.4	4.2	3.1
Germany	2.3	3.8	3.2
Denmark	2.4	4.2	3.6
Australia	3.5	6.5	2.9
Hungary	3.5	8.4	2.9
Italy	3.1	5.6	3.8
Austria	2.0	2.9	3.7
Sweden	2.5	4.4	3.0
Slovenia	1.8	3.0	3.2
Armenia	4.3	5.1	8.2
Slovak Republic	4.5	9.7	4.5
Scotland	2.2	3.9	2.7
New Zealand	2.3	4.8	2.6
Czech Republic	2.8	6.9	2.8
Norway	2.5	3.3	3.0
Ukraine	2.9	4.6	2.6
Georgia	4.2	5.7	4.1
Iran, Islamic Republic of	4.1	4.4	2.9
Algeria	5.2	8.0	6.2
Colombia	5.0	4.7	5.2
Morocco	4.7	6.3	6.3
El Salvador	4.1	5.7	5.0
Tunisia	4.5	5.5	3.9
Kuwait	3.6	5.3	5.5
Qatar	1.0	1.8	1.6
Yemen	6.0	7.1	6.8

SOURCE: Gonzales, P., Williams, T., Jocelyn, L., Roey, S., Kastberg, D., and Brenwald, S. (2008). *Highlights From TIMSS 2007: Mathematics and Science Achievement of U.S. Fourth- and Eighth-Grade Students in an International Context* (NCES 2009-001), tables 3 and 9. National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

Table S-5. Standard errors for the average TIMSS scores of eighth-grade students in mathematics and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2007

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All jurisdictions	0.0	0.9	0.7
Chinese Taipei	4.5	6.5	4.6
Korea, Republic of	2.7	3.9	3.7
Singapore	3.8	8.7	4.3
Hong Kong SAR	5.8	14.9	4.3
Japan	2.4	5.5	4.0
Hungary	3.5	4.3	5.4
England	4.8	9.0	6.8
Russian Federation	4.1	6.9	4.7
United States	2.8	3.4	3.3
Lithuania	2.3	5.3	3.6
Czech Republic	2.4	3.2	3.6
Slovenia	2.1	3.3	3.1
Armenia	3.5	5.3	6.3
Australia	3.9	8.3	7.9
Sweden	2.3	4.1	2.8
Malta	1.2	2.9	1.8
Scotland	3.7	6.5	4.7
Serbia	3.3	3.8	5.4
Italy	3.0	5.3	6.3
Malaysia	5.0	8.0	5.9
Norway	2.0	2.3	2.3
Cyprus	1.6	2.5	5.1
Bulgaria	5.0	9.4	4.6
Israel	3.9	8.3	7.3
Ukraine	3.6	7.0	4.6
Romania	4.1	7.5	4.3
Bosnia and Herzegovina	2.7	3.6	2.6
Lebanon	4.0	5.8	3.9
Thailand	5.0	4.7	11.0
Turkey	4.8	4.9	7.7
Jordan	4.1	7.2	3.9
Tunisia	2.4	2.7	2.2
Georgia	6.0	8.4	10.1
Iran, Islamic Republic of	4.1	4.7	7.6
Bahrain	1.6	5.3	5.3
Indonesia	3.8	8.7	5.4
Syrian Arab Republic	3.8	5.0	6.2
Egypt	3.6	4.4	4.5
Algeria	2.1	3.2	1.9
Colombia	3.6	6.7	3.6
Oman	3.4	6.5	2.8
Palestinian National Authority	3.5	6.4	2.5
Botswana	2.3	3.6	3.8
Kuwait	2.3	4.6	2.6
El Salvador	2.8	2.6	3.2
Saudi Arabia	2.9	4.3	4.5
Ghana	4.4	5.3	5.5
Qatar	1.4	3.1	2.3

SOURCE: Gonzales, P., Williams, T., Jocelyn, L., Roey, S., Kastberg, D., and Brenwald, S. (2008). *Highlights From TIMSS 2007: Mathematics and Science Achievement of U.S. Fourth- and Eighth-Grade Students in an International Context* (NCES 2009-001), tables 3 and 9. National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

Table S-6. Standard errors for the average PISA scores of 15-year-old students on mathematics literacy scale and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2006

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All OECD jurisdictions	0.5	0.9	0.8
OECD			
Finland	2.3	3.4	2.8
Korea, Republic of	3.8	6.1	6.9
Netherlands	2.6	5.0	3.3
Switzerland	3.2	4.7	3.7
Canada	2.0	3.3	2.3
Japan	3.3	5.5	3.6
New Zealand	2.4	4.1	4.0
Belgium	3.0	6.6	2.4
Australia	2.2	2.7	3.3
Denmark	2.6	4.3	3.4
Czech Republic	3.6	4.7	4.8
Iceland	1.8	3.6	3.2
Austria	3.7	6.3	3.8
Germany	3.9	6.8	3.8
Sweden	2.4	4.2	2.8
Ireland	2.8	4.4	3.2
France	3.2	5.4	3.8
United Kingdom	2.1	3.3	3.2
Poland	2.4	3.4	3.7
Slovak Republic	2.8	5.1	4.4
Hungary	2.9	3.9	5.0
Luxembourg	1.1	3.5	2.7
Norway	2.6	3.8	3.3
Spain	2.3	2.8	2.9
United States	4.0	5.8	4.8
Portugal	3.1	5.2	2.8
Italy	2.3	3.3	4.2
Greece	3.0	5.6	4.1
Turkey	4.9	4.0	12.4
Mexico	2.9	4.9	3.3
Non-OECD			
Chinese Taipei	4.1	6.2	3.4
Hong Kong-China	2.7	6.4	3.5
Macao-China	1.3	3.1	2.4
Liechtenstein	4.2	11.1	9.5
Estonia	2.7	4.3	3.2
Slovenia	1.0	2.1	2.7
Lithuania	2.9	4.3	4.9
Latvia	3.0	5.2	3.4
Azerbaijan	2.3	2.2	3.6
Russian Federation	3.9	4.8	5.3
Croatia	2.4	3.3	3.6
Israel	4.3	6.9	5.0
Serbia, Republic of	3.5	5.0	3.9
Uruguay	2.6	4.4	5.5
Thailand	2.3	3.5	3.7
Romania	4.2	7.4	7.1
Bulgaria	6.1	7.2	8.4
Chile	4.6	4.3	6.6
Montenegro, Republic of	1.4	3.0	2.4
Indonesia	5.6	3.9	9.4
Jordan	3.3	4.3	5.0
Argentina	6.2	9.8	7.6

See notes at end of table.

Table S-6. Standard errors for the average PISA scores of 15-year-old students on mathematics literacy scale and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2006—Continued

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All OECD jurisdictions	0.5	0.9	0.8
Non-OECD—Continued			
Colombia	3.8	5.6	3.8
Brazil	2.9	4.5	5.8
Tunisia	4.0	3.9	7.8
Qatar	1.0	2.2	2.7
Kyrgyz Republic	3.4	5.0	5.9

SOURCE: Organization for Economic Cooperation and Development (OECD). (2007). *PISA 2006: Science Competencies for Tomorrow's World, Volume 2: Data*, table 6.2c. Paris: Author.

Table S-7 Standard errors for the average TIMSS scores of fourth-grade students in science and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2007

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All jurisdictions	0.0	1.1	0.9
Singapore	4.1	7.0	5.0
Chinese Taipei	2.0	3.0	2.2
Hong Kong SAR	3.5	4.5	4.1
Japan	2.1	3.4	3.4
Russian Federation	4.8	4.9	4.9
Latvia	2.3	4.5	3.3
England	2.9	3.7	4.8
United States	2.7	4.3	2.8
Hungary	3.3	6.1	6.3
Italy	3.2	6.3	3.8
Kazakhstan	5.6	9.2	3.8
Germany	2.4	4.3	4.2
Australia	3.3	3.7	1.4
Slovak Republic	4.8	8.3	4.0
Austria	2.5	4.8	4.1
Sweden	2.9	4.0	2.4
Netherlands	2.6	3.6	4.1
Slovenia	1.9	1.7	2.7
Denmark	2.9	9.9	1.6
Czech Republic	3.1	3.5	5.1
Lithuania	2.4	3.3	2.2
New Zealand	2.6	4.7	3.1
Scotland	2.3	3.7	4.1
Armenia	5.7	8.6	15.2
Norway	3.5	7.7	3.4
Ukraine	3.1	5.1	4.2
Iran, Islamic Republic of	4.3	5.5	3.4
Georgia	4.6	7.3	5.2
Colombia	5.4	7.9	4.9
El Salvador	3.4	6.2	3.4
Algeria	6.0	10.0	6.8
Kuwait	4.4	8.0	5.9
Tunisia	5.9	14.0	4.6
Morocco	5.9	7.5	9.4
Qatar	2.6	3.8	2.0
Yemen	7.2	8.3	8.6

SOURCE: Gonzales, P., Williams, T., Jocelyn, L., Roey, S., Kastberg, D., and Brenwald, S. (2008). *Highlights From TIMSS 2007: Mathematics and Science Achievement of U.S. Fourth- and Eighth-Grade Students in an International Context* (NCES 2009-001), tables 11 and 17. National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

Table S-8. Standard errors for the average TIMSS scores of eighth-grade students in science and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2007

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All jurisdictions	0.0	0.9	0.6
Singapore	4.4	7.9	3.0
Chinese Taipei	3.7	6.4	3.3
Japan	1.9	4.3	3.1
Korea, Republic of	2.0	4.2	2.1
England	4.5	6.9	4.9
Hungary	2.9	5.2	3.5
Czech Republic	1.9	2.3	3.4
Slovenia	2.2	3.2	3.3
Hong Kong SAR	4.9	11.2	4.4
Russian Federation	3.9	6.6	5.1
United States	2.9	3.5	2.6
Lithuania	2.6	6.8	3.9
Australia	3.6	6.0	6.2
Sweden	2.6	4.1	2.6
Scotland	3.4	5.4	5.1
Italy	2.8	5.3	3.4
Armenia	5.8	7.0	13.7
Norway	2.2	5.6	1.7
Ukraine	3.5	7.3	3.3
Jordan	4.0	5.3	5.0
Malaysia	6.0	9.9	7.6
Thailand	4.3	5.7	5.6
Serbia	3.2	6.6	2.5
Bulgaria	5.9	16.9	6.8
Israel	4.3	6.0	4.3
Bahrain	1.7	3.8	2.4
Bosnia and Herzegovina	2.8	5.5	3.8
Romania	3.9	6.3	4.5
Iran, Islamic Republic of	3.6	4.0	5.2
Malta	1.4	2.9	2.3
Turkey	3.7	4.3	4.0
Syrian Arab Republic	2.9	5.1	3.0
Cyprus	2.0	3.7	3.1
Tunisia	2.1	2.2	2.3
Indonesia	3.4	4.8	3.9
Oman	3.0	5.3	3.3
Georgia	4.8	7.3	4.4
Kuwait	2.8	4.8	3.2
Colombia	3.5	4.7	3.9
Lebanon	5.9	7.2	5.7
Egypt	3.6	5.6	4.3
Algeria	1.7	2.6	1.5
Palestinian National Authority	3.5	8.1	4.4
Saudi Arabia	2.4	5.6	3.4
El Salvador	2.9	4.9	3.4
Botswana	3.1	4.9	3.0
Qatar	1.7	4.5	2.3
Ghana	5.4	8.0	8.6

SOURCE: Gonzales, P., Williams, T., Jocelyn, L., Roey, S., Kastberg, D., and Brenwald, S. (2008). *Highlights From TIMSS 2007: Mathematics and Science Achievement of U.S. Fourth- and Eighth-Grade Students in an International Context* (NCES 2009-001), tables 11 and 17. National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education, Washington, DC.

Table S-9. Standard errors for the average PISA scores of 15-year-old students on science literacy scale and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2006

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All OECD jurisdictions	0.5	0.9	0.7
OECD			
Finland	2.0	3.3	2.9
Canada	2.0	3.7	2.4
Japan	3.4	6.2	3.1
New Zealand	2.7	4.5	3.3
Australia	2.3	3.4	2.9
Netherlands	2.7	5.4	3.4
Korea, Republic of	3.4	5.7	4.7
Germany	3.8	7.0	3.2
United Kingdom	2.3	4.3	2.9
Czech Republic	3.5	5.2	4.3
Switzerland	3.2	4.9	3.8
Austria	3.9	6.2	3.6
Belgium	2.5	5.4	2.3
Ireland	3.2	4.4	3.7
Hungary	2.7	4.2	3.1
Sweden	2.4	4.0	2.6
Poland	2.3	2.9	3.3
Denmark	3.1	4.8	3.7
France	3.4	5.5	4.0
Iceland	1.6	3.1	2.9
United States	4.2	5.9	4.3
Slovak Republic	2.6	3.7	4.1
Spain	2.6	3.7	3.0
Norway	3.1	5.6	3.5
Luxembourg	1.1	2.8	2.8
Italy	2.0	2.8	2.6
Portugal	3.0	4.8	2.9
Greece	3.2	5.4	4.1
Turkey	3.8	3.2	9.7
Mexico	2.7	4.2	3.0
Non-OECD			
Hong Kong–China	2.5	6.1	3.5
Chinese Taipei	3.6	5.0	2.7
Estonia	2.5	3.8	3.3
Liechtenstein	4.1	12.8	9.4
Slovenia	1.1	2.8	3.3
Macao–China	1.1	2.5	1.8
Croatia	2.4	3.8	3.2
Latvia	3.0	4.2	3.5
Lithuania	2.8	3.2	4.2
Russian Federation	3.7	5.4	3.9
Israel	3.7	5.2	4.5
Chile	4.3	4.1	6.5
Serbia, Republic of	3.0	4.0	3.8
Bulgaria	6.1	7.1	8.2
Uruguay	2.7	4.9	3.6
Jordan	2.8	4.0	4.5
Thailand	2.1	3.4	3.8
Romania	4.2	5.0	5.7
Montenegro, Republic of	1.1	2.1	3.0
Indonesia	5.7	3.5	11.8
Argentina	6.1	9.0	6.5
Brazil	2.8	3.2	5.6

See notes at end of table.

Table S-9. Standard errors for the average PISA scores of 15-year-old students on science literacy scale and cutpoint scores for bottom and top 10 percent of students in each jurisdiction, by jurisdiction: 2006—Continued

Jurisdiction	Average score	Cutpoint score	
		Bottom 10 percent	Top 10 percent
All OECD jurisdictions	0.5	0.9	0.7
Non-OECD—Continued			
Colombia	3.4	4.5	4.6
Tunisia	3.0	3.4	6.0
Azerbaijan	2.8	2.4	6.4
Qatar	0.9	1.4	2.6
Kyrgyz Republic	2.9	3.8	5.0

SOURCE: Organization for Economic Cooperation and Development (OECD). (2007). *PISA 2006: Science Competencies for Tomorrow's World, Volume 2: Data*, table 2.1c. Paris: Author.