

Table 2: TIMSS 2007 Grade 4 Science Achievement

TIMSS2007
Science 4th Grade

Country	Average Scale Score	Years of Formal Schooling*	Average Age at Time of Testing
Singapore	587 (4.1)	4	10.4
Chinese Taipei	557 (2.0)	4	10.2
Hong Kong SAR	554 (3.5)	4	10.2
Japan	548 (2.1)	4	10.5
Russian Federation	546 (4.8)	4	10.8
Latvia	542 (2.3)	4	11.0
England	542 (2.9)	5	10.2
United States	539 (2.7)	4	10.3
Hungary	536 (3.3)	4	10.7
Italy	535 (3.2)	4	9.8
Kazakhstan	533 (5.6)	4	10.6
Germany	528 (2.4)	4	10.4
Australia	527 (3.3)	4	9.9
Slovak Republic	526 (4.8)	4	10.4
Austria	526 (2.5)	4	10.3
Sweden	525 (2.9)	4	10.8
Netherlands	523 (2.6)	4	10.2
Slovenia	518 (1.9)	4	9.8
Denmark	517 (2.9)	4	11.0
Czech Republic	515 (3.1)	4	10.3
Lithuania	514 (2.4)	4	10.8
New Zealand	504 (2.6)	4.5 - 5.5	10.0
Scotland	500 (2.3)	5	9.8
TIMSS Scale Avg.	500		
Armenia	484 (5.7)	4	10.6
Norway	477 (3.5)	4	9.8
Ukraine	474 (3.1)	4	10.3
Iran, Islamic Rep. of	436 (4.3)	4	10.2
Georgia	418 (4.6)	4	10.1
Colombia	400 (5.4)	4	10.4
El Salvador	390 (3.4)	4	11.0
Algeria	354 (6.0)	4	10.2
Kuwait	348 (4.4)	4	10.2
Tunisia	318 (5.9)	4	10.2
Morocco	297 (5.9)	4	10.6
Qatar	294 (2.6)	4	9.7
Yemen	197 (7.2)	4	11.2
Benchmarking Participants			
Massachusetts, US	571 (4.3)	4	10.3
Minnesota, US	551 (6.1)	4	10.3
Alberta, Canada	543 (3.8)	4	9.8
British Columbia, Canada	537 (2.7)	4	9.8
Ontario, Canada	536 (3.7)	4	9.8
Quebec, Canada	517 (2.7)	4	10.1
Dubai, UAE	460 (2.8)	4	10.0

() Standard errors appear in parentheses. Because results are rounded to the nearest whole number, some totals may appear inconsistent.