

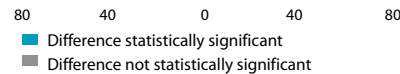
Exhibit 1.11: Average Mathematics Achievement by Gender

Country	Girls		Boys		Difference (Absolute Value)	Gender Difference	
	Percent of Students	Average Scale Score	Percent of Students	Average Scale Score		Girls Scored Higher	Boys Scored Higher
ψ Oman	48 (1.7)	420 (2.9)	52 (1.7)	388 (3.5)	32 (4.6)		
ψ Botswana (9)	51 (0.6)	400 (2.5)	49 (0.6)	381 (2.5)	19 (2.9)		
⌘ Jordan	50 (2.6)	395 (4.0)	50 (2.6)	376 (5.4)	19 (7.0)		
Thailand	54 (1.5)	440 (5.2)	46 (1.5)	422 (5.7)	18 (5.5)		
Bahrain	48 (0.9)	462 (2.4)	52 (0.9)	446 (2.2)	16 (3.6)		
⌘ Saudi Arabia	51 (1.6)	375 (5.1)	49 (1.6)	360 (7.1)	14 (8.2)		
United Arab Emirates	50 (2.5)	471 (3.5)	50 (2.5)	459 (4.0)	12 (6.4)		
Malaysia	50 (1.8)	470 (3.8)	50 (1.8)	461 (3.8)	9 (2.8)		
² Singapore	49 (0.6)	626 (3.4)	51 (0.6)	616 (3.8)	9 (3.5)		
ψ Egypt	53 (2.3)	397 (5.5)	47 (2.3)	387 (5.1)	9 (6.7)		
⌘ South Africa (9)	51 (1.1)	376 (5.3)	49 (1.1)	369 (4.6)	7 (4.1)		
ψ Kuwait	50 (2.5)	396 (4.6)	50 (2.5)	389 (7.1)	7 (7.5)		
ψ Qatar	50 (3.0)	440 (3.2)	50 (3.0)	434 (4.5)	7 (4.9)		
Turkey	48 (0.8)	461 (4.8)	52 (0.8)	455 (5.3)	6 (3.6)		
Kazakhstan	49 (0.9)	531 (5.8)	51 (0.9)	525 (5.3)	6 (3.7)		
ψ Iran, Islamic Rep. of	48 (0.9)	438 (5.0)	52 (0.9)	435 (7.5)	3 (8.9)		
England	51 (1.6)	520 (5.2)	49 (1.6)	517 (4.8)	3 (5.6)		
Malta	49 (0.3)	495 (1.8)	51 (0.3)	492 (1.6)	3 (2.8)		
† New Zealand	51 (2.0)	494 (3.2)	49 (2.0)	491 (4.6)	3 (4.2)		
Japan	51 (1.0)	588 (3.1)	49 (1.0)	585 (3.0)	2 (4.2)		
⌘ Morocco	46 (0.7)	385 (2.3)	54 (0.7)	384 (2.6)	2 (2.0)		
^{1 2} Georgia	47 (0.9)	454 (3.9)	53 (0.9)	453 (4.0)	1 (4.0)		
Chinese Taipei	49 (0.8)	599 (2.6)	51 (0.8)	599 (3.0)	0 (2.8)		
Korea, Rep. of	47 (0.5)	605 (2.6)	53 (0.5)	606 (3.1)	1 (2.7)		
Norway (9)	50 (0.7)	511 (2.5)	50 (0.7)	512 (2.7)	1 (2.6)		
† United States	50 (0.6)	517 (3.3)	50 (0.6)	519 (3.2)	2 (2.0)		
Australia	51 (1.6)	504 (3.8)	49 (1.6)	506 (3.5)	2 (4.0)		
³ Israel	49 (1.2)	510 (4.3)	51 (1.2)	512 (4.8)	2 (3.9)		
Slovenia	48 (0.7)	515 (2.4)	52 (0.7)	518 (2.5)	2 (2.4)		
Lebanon	53 (1.6)	441 (3.7)	47 (1.6)	444 (4.5)	3 (3.9)		
² Lithuania	50 (0.8)	510 (3.4)	50 (0.8)	513 (3.1)	3 (3.4)		
^{1 †} Canada	51 (1.0)	525 (2.0)	49 (1.0)	530 (2.7)	4 (2.0)		
Ireland	50 (1.1)	521 (2.6)	50 (1.1)	526 (4.0)	5 (3.9)		
Hong Kong SAR	47 (2.1)	591 (4.7)	53 (2.1)	597 (6.0)	5 (5.7)		
² Italy	49 (0.8)	491 (3.0)	51 (0.8)	498 (2.8)	7 (2.8)		
Sweden	48 (1.0)	497 (3.3)	52 (1.0)	504 (3.1)	7 (3.2)		
Hungary	50 (0.9)	510 (4.3)	50 (0.9)	519 (4.0)	9 (3.4)		
Russian Federation	49 (0.9)	533 (5.1)	51 (0.9)	543 (4.6)	9 (2.9)		
ψ Chile	48 (1.8)	418 (3.7)	52 (1.8)	436 (4.2)	18 (4.9)		
International Avg.	50 (0.2)	483 (0.6)	50 (0.2)	480 (0.7)			

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015

Benchmarking Participants

Abu Dhabi, UAE	49 (4.4)	457 (6.0)	51 (4.4)	427 (7.7)	29 (10.7)		
¹ Florida, US	48 (1.3)	494 (7.2)	52 (1.3)	493 (6.5)	1 (4.7)		
Norway (8)	50 (0.7)	486 (2.4)	50 (0.7)	487 (2.3)	1 (2.5)		
Ontario, Canada	50 (1.2)	521 (2.9)	50 (1.2)	523 (3.3)	2 (2.6)		
Dubai, UAE	52 (3.7)	510 (3.7)	48 (3.7)	514 (4.3)	4 (6.9)		
†⌘ Buenos Aires, Argentina	51 (1.7)	391 (4.8)	49 (1.7)	401 (5.4)	11 (5.8)		
‡ Quebec, Canada	53 (1.9)	538 (3.8)	47 (1.9)	550 (5.1)	12 (4.6)		



⌘ Reservations about reliability because the percentage of students with achievement too low for estimation exceeds 25%.

ψ Reservations about reliability because the percentage of students with achievement too low for estimation exceeds 15% but does not exceed 25%.

See Appendix C.2 for target population coverage notes 1, 2, and 3. See Appendix C.8 for sampling guidelines and sampling participation notes †, ‡, and £.

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.