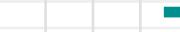
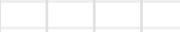
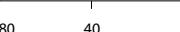
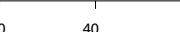
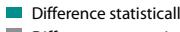
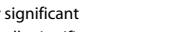
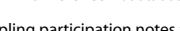
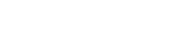
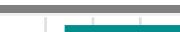
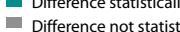


Exhibit 1.11: Average Science Achievement by Gender

Country	Girls		Boys		Difference (Absolute Value)	Gender Difference		SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2015
	Percent of Students	Average Scale Score	Percent of Students	Average Scale Score		Girls Scored Higher	Boys Scored Higher	
Saudi Arabia	51 (1.6)	423 (4.9)	49 (1.6)	368 (8.0)	55 (9.5)			
Bahrain	48 (0.9)	492 (3.2)	52 (0.9)	442 (3.4)	50 (5.0)			
Kuwait	50 (2.5)	434 (5.1)	50 (2.5)	387 (8.2)	47 (8.7)			
Oman	48 (1.7)	478 (2.9)	52 (1.7)	433 (3.6)	45 (4.4)			
Jordan	50 (2.6)	447 (4.0)	50 (2.6)	405 (5.3)	41 (6.7)			
United Arab Emirates	50 (2.5)	492 (3.5)	50 (2.5)	461 (4.4)	31 (6.7)			
Qatar	50 (3.0)	471 (3.6)	50 (3.0)	441 (5.2)	30 (6.0)			
Botswana (9)	51 (0.6)	403 (3.3)	49 (0.6)	381 (3.1)	22 (3.3)			
Thailand	54 (1.5)	465 (4.4)	46 (1.5)	445 (5.2)	20 (4.8)			
Turkey	48 (0.8)	503 (4.1)	52 (0.8)	484 (4.5)	19 (3.1)			
Egypt	53 (2.3)	377 (5.9)	47 (2.3)	364 (5.4)	13 (7.6)			
Lebanon	53 (1.6)	403 (4.9)	47 (1.6)	393 (6.7)	10 (4.7)			
Malaysia	50 (1.8)	476 (4.0)	50 (1.8)	466 (4.8)	10 (3.5)			
South Africa (9)	51 (1.1)	362 (6.7)	49 (1.1)	353 (5.5)	9 (5.1)			
Malta	49 (0.3)	485 (2.2)	51 (0.3)	477 (2.2)	8 (3.1)			
Morocco	46 (0.7)	397 (2.3)	54 (0.7)	390 (3.4)	7 (3.0)			
Kazakhstan	49 (0.9)	536 (5.2)	51 (0.9)	530 (4.5)	6 (3.9)			
³ Israel	49 (1.2)	510 (4.1)	51 (1.2)	504 (4.7)	6 (4.1)			
Iran, Islamic Rep. of	48 (0.9)	459 (4.4)	52 (0.9)	454 (6.6)	5 (8.0)			
Slovenia	48 (0.7)	553 (2.8)	52 (0.7)	549 (2.7)	4 (2.7)			
Ireland	50 (1.1)	531 (2.8)	50 (1.1)	529 (3.9)	2 (3.7)			
England	51 (1.6)	537 (4.7)	49 (1.6)	536 (4.5)	1 (5.2)			
Japan	51 (1.0)	571 (2.2)	49 (1.0)	570 (2.5)	1 (3.1)			
² Lithuania	50 (0.8)	520 (3.3)	50 (0.8)	519 (3.4)	1 (3.7)			
† New Zealand	51 (2.0)	513 (3.2)	49 (2.0)	512 (4.3)	1 (4.2)			
¹ ² Georgia	47 (0.9)	444 (3.3)	53 (0.9)	443 (3.9)	1 (3.7)			
Sweden	48 (1.0)	523 (4.2)	52 (1.0)	522 (3.5)	1 (3.4)			
² Singapore	49 (0.6)	596 (3.3)	51 (0.6)	597 (4.0)	1 (3.7)			
Chinese Taipei	49 (0.8)	568 (2.3)	51 (0.8)	571 (2.6)	3 (2.6)			
Korea, Rep. of	47 (0.5)	554 (2.2)	53 (0.5)	557 (2.8)	3 (2.7)			
Norway (9)	50 (0.7)	507 (3.1)	50 (0.7)	511 (3.2)	4 (2.9)			
Russian Federation	49 (0.9)	542 (4.6)	51 (0.9)	546 (4.3)	4 (3.0)			
¹ [†] Canada	51 (1.0)	524 (2.2)	49 (1.0)	529 (2.7)	5 (2.3)			
Australia	51 (1.6)	510 (3.4)	49 (1.6)	515 (3.0)	5 (3.4)			
[†] United States	50 (0.6)	527 (3.1)	50 (0.6)	533 (3.0)	5 (2.0)			
² Italy	49 (0.8)	494 (3.0)	51 (0.8)	504 (2.6)	10 (2.7)			
Hong Kong SAR	47 (2.1)	540 (4.2)	53 (2.1)	551 (4.9)	10 (4.6)			
Chile	48 (1.8)	448 (3.6)	52 (1.8)	460 (4.1)	12 (4.8)			
Hungary	50 (0.9)	519 (3.9)	50 (0.9)	535 (3.6)	17 (3.2)			
International Avg.	50 (0.2)	491 (0.6)	50 (0.2)	481 (0.7)				

Benchmarking Participants

Abu Dhabi, UAE	49 (4.4)	481 (6.6)	51 (4.4)	428 (8.2)	52 (11.5)			
Dubai, UAE	52 (3.7)	529 (3.6)	48 (3.7)	520 (4.7)	9 (7.4)			
Norway (8)	50 (0.7)	490 (3.1)	50 (0.7)	489 (2.7)	1 (3.3)			
[†] Buenos Aires, Argentina	51 (1.7)	386 (4.8)	49 (1.7)	386 (6.2)	0 (7.1)			
Ontario, Canada	50 (1.2)	523 (2.8)	50 (1.2)	524 (3.0)	1 (3.1)			
¹ Florida, US	48 (1.3)	507 (6.8)	52 (1.3)	510 (6.4)	3 (5.5)			
[‡] Quebec, Canada	53 (1.9)	523 (4.4)	47 (1.9)	537 (5.5)	13 (4.8)			

80 40 0 40 80

■ Difference statistically significant

■ Difference not statistically significant

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.