

Appendix E.4: Average Science Achievement and Standard Deviations by Gender

Country	Overall		Girls		Boys	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Australia	528 (3.2)	88 (2.0)	529 (3.1)	82 (1.6)	528 (4.6)	94 (3.0)
Bahrain	486 (1.9)	103 (1.7)	512 (2.6)	89 (1.9)	461 (2.8)	109 (2.3)
Chile	462 (2.9)	78 (1.7)	457 (3.6)	76 (2.0)	468 (3.9)	80 (2.2)
Chinese Taipei	574 (1.9)	83 (1.2)	572 (2.4)	80 (1.4)	576 (2.5)	85 (1.7)
Cyprus	484 (1.9)	84 (1.5)	491 (2.4)	78 (1.8)	476 (2.5)	90 (2.0)
Egypt	389 (5.4)	112 (2.4)	402 (6.1)	106 (2.9)	374 (8.2)	117 (3.8)
England	517 (4.8)	92 (3.2)	518 (5.5)	88 (4.1)	515 (6.6)	95 (3.4)
Finland	543 (3.1)	87 (2.0)	552 (3.1)	80 (2.2)	533 (3.9)	92 (2.4)
France	489 (2.7)	77 (1.3)	487 (2.6)	73 (1.7)	490 (3.6)	81 (1.8)
Georgia	447 (3.9)	83 (2.2)	447 (4.4)	80 (2.5)	446 (4.5)	86 (2.9)
Hong Kong SAR	504 (5.2)	95 (3.2)	505 (5.9)	92 (3.6)	503 (6.3)	98 (3.7)
Hungary	530 (2.6)	82 (2.0)	520 (2.9)	81 (2.4)	540 (3.2)	82 (2.1)
Iran, Islamic Rep. of	449 (3.6)	89 (2.2)	459 (4.6)	81 (2.6)	441 (5.4)	94 (3.6)
Ireland	523 (2.9)	83 (1.9)	526 (3.0)	79 (2.0)	521 (3.9)	87 (2.5)
Israel	513 (4.2)	97 (2.7)	512 (4.5)	90 (2.2)	515 (5.0)	103 (4.0)
Italy	500 (2.6)	74 (1.5)	497 (2.8)	72 (1.9)	504 (3.0)	76 (1.8)
Japan	570 (2.1)	72 (1.6)	565 (2.4)	67 (1.7)	575 (2.5)	77 (1.9)
Jordan	452 (4.7)	98 (2.6)	480 (4.0)	85 (2.1)	427 (6.6)	102 (3.4)
Kazakhstan	478 (3.1)	85 (1.8)	483 (3.4)	82 (1.9)	474 (3.6)	87 (2.3)
Korea, Rep. of	561 (2.1)	83 (1.3)	555 (2.9)	79 (1.8)	566 (2.6)	87 (2.0)
Kuwait	444 (5.7)	98 (2.0)	461 (5.7)	87 (2.6)	426 (9.4)	107 (3.0)
Lebanon	377 (4.6)	104 (2.9)	379 (5.3)	105 (3.4)	374 (5.2)	103 (2.9)
Lithuania	534 (3.0)	78 (1.6)	535 (3.0)	75 (1.8)	533 (3.6)	80 (1.9)
Malaysia	460 (3.5)	96 (2.0)	463 (3.5)	93 (2.3)	458 (4.3)	100 (2.1)
Morocco	394 (2.7)	85 (1.7)	395 (2.9)	85 (2.0)	393 (2.9)	86 (1.7)
New Zealand	499 (3.5)	93 (2.2)	497 (3.6)	87 (2.6)	500 (4.9)	97 (2.4)
Norway (9)	495 (3.1)	89 (1.7)	495 (3.5)	84 (1.9)	496 (3.8)	94 (2.1)
Oman	457 (2.9)	105 (2.0)	485 (3.1)	91 (2.0)	431 (4.5)	109 (2.8)
Portugal	519 (2.9)	72 (1.9)	516 (3.2)	71 (2.0)	522 (3.4)	73 (2.7)
Qatar	475 (4.4)	103 (2.2)	488 (5.2)	94 (2.3)	461 (6.0)	109 (2.9)
Romania	470 (4.2)	92 (2.2)	475 (4.3)	88 (2.5)	465 (4.9)	95 (2.6)
Russian Federation	543 (4.2)	75 (2.1)	539 (4.5)	73 (2.6)	546 (4.6)	77 (2.2)
Saudi Arabia	431 (2.6)	89 (1.2)	455 (3.3)	79 (1.5)	408 (3.9)	91 (1.5)
Singapore	608 (3.9)	88 (2.8)	604 (4.5)	82 (3.3)	611 (4.5)	92 (3.0)
South Africa (9)	370 (3.1)	103 (1.5)	376 (3.2)	101 (1.6)	364 (3.6)	104 (1.9)
Sweden	521 (3.2)	95 (2.1)	527 (3.7)	90 (2.7)	516 (3.8)	100 (2.4)
Turkey	515 (3.7)	98 (2.2)	520 (3.8)	94 (2.3)	510 (5.1)	102 (3.2)
United Arab Emirates	473 (2.2)	125 (1.3)	486 (3.9)	115 (2.5)	461 (4.0)	133 (1.9)
United States	522 (4.7)	99 (2.7)	525 (3.9)	94 (2.2)	520 (6.1)	103 (3.8)
Benchmarking Participants						
Ontario, Canada	522 (3.0)	79 (1.8)	520 (3.4)	75 (1.9)	523 (3.5)	82 (2.8)
Quebec, Canada	537 (3.6)	69 (2.2)	537 (4.1)	69 (2.4)	536 (4.0)	70 (2.7)
Moscow City, Russian Fed.	567 (2.9)	69 (1.3)	561 (3.2)	68 (1.6)	572 (3.3)	69 (1.6)
Gauteng, RSA (9)	422 (3.9)	98 (2.3)	427 (4.1)	96 (2.4)	416 (4.3)	101 (2.6)
Western Cape, RSA (9)	439 (5.1)	111 (3.4)	434 (6.1)	107 (4.1)	445 (6.2)	115 (4.0)
Abu Dhabi, UAE	420 (3.6)	135 (2.2)	436 (6.9)	127 (3.5)	406 (5.8)	140 (2.6)
Dubai, UAE	548 (2.0)	102 (2.0)	551 (5.5)	95 (2.9)	544 (6.6)	108 (3.5)

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

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2019
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