



# Percentiles and Standard Deviations of Mathematics Achievement

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### Appendix G.3: Standard Deviations of Mathematics Achievement (Continued)

C	Overall		Girls		Boys	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
<b>S G a d e P a c a</b>						
Botswana	419 (3.7)	89 (2.0)	428 (4.0)	86 (2.2)	410 (4.2)	92 (2.2)
Honduras	396 (5.5)	84 (3.1)	390 (5.9)	82 (3.7)	403 (5.8)	84 (3.6)
Yemen	348 (5.7)	97 (2.4)	354 (7.5)	95 (3.9)	345 (6.4)	98 (2.5)
<b>B e c a P a c a</b>						
Alberta, Canada	507 (2.5)	65 (1.5)	502 (3.1)	64 (2.0)	511 (2.7)	65 (1.5)
Ontario, Canada	518 (3.1)	73 (1.5)	515 (3.3)	70 (1.4)	521 (3.4)	76 (2.0)
Quebec, Canada	533 (2.4)	60 (1.0)	527 (2.8)	59 (1.3)	538 (2.7)	61 (1.4)
Abu Dhabi, UAE	417 (4.6)	97 (2.2)	425 (5.0)	87 (2.5)	409 (6.7)	105 (2.8)
Dubai, UAE	468 (1.6)	101 (1.6)	466 (3.5)	95 (2.0)	470 (3.9)	105 (2.1)
Florida, US	545 (2.9)	74 (1.4)	542 (2.8)	73 (1.6)	549 (3.9)	76 (2.0)

## Appendix G.4: Standard Deviations of Mathematics Achievement

C	Overall		Girls		Boys	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
Armenia	467 (2.7)	91 (1.7)	472 (3.1)	87 (1.8)	462 (3.2)	94 (2.2)
Australia	505 (5.1)	85 (3.4)	500 (4.7)	83 (3.6)	509 (7.3)	88 (4.8)
Bahrain	409 (2.0)	100 (1.7)	431 (2.5)	87 (1.9)	388 (3.1)	106 (2.3)
Chile	416 (2.6)	80 (1.9)	409 (3.2)	80 (2.4)	424 (3.0)	79 (2.0)
Chinese Taipei	609 (3.2)	106 (2.0)	613 (3.7)	100 (2.7)	606 (3.8)	111 (2.1)
England	507 (5.5)	85 (3.4)	508 (5.7)	82 (3.3)	505 (6.6)	88 (4.0)
Finland	514 (2.5)	65 (1.2)	516 (2.7)	64 (1.5)	512 (2.7)	66 (1.5)
Georgia	431 (3.8)	106 (2.1)	430 (4.1)	101 (2.2)	432 (4.4)	110 (2.6)
Ghana	331 (4.3)	86 (2.1)	318 (4.8)	85 (2.4)	342 (4.3)	85 (2.2)
Hong Kong SAR	586 (3.8)	84 (3.8)	588 (5.0)	81 (4.1)	583 (4.3)	88 (4.1)
Hungary	505 (3.5)	90 (2.2)	502 (3.9)	89 (3.0)	508 (3.9)	90 (2.7)
Indonesia	386 (4.3)	84 (2.4)	392 (4.9)	83 (2.4)	379 (4.5)	85 (3.1)
Iran, Islamic Rep. of	415 (4.3)	95 (2.4)	411 (5.9)	92 (3.3)	418 (5.9)	97 (3.6)
Israel	516 (4.1)	98 (2.4)	520 (3.9)	91 (2.7)	512 (5.2)	105 (2.8)
Italy	498 (2.4)	73 (1.8)	493 (2.9)	72 (2.3)	504 (2.8)	74 (2.2)
Japan	570 (2.6)	85 (1.5)	566 (3.1)	80 (2.0)	574 (3.5)	89 (1.8)
Jordan	406 (3.7)	99 (1.9)	420 (4.3)	88 (2.1)	392 (5.9)	107 (2.5)
Kazakhstan	487 (4.0)	80 (1.9)	486 (4.1)	78 (1.9)	488 (4.5)	82 (2.4)
Korea, Rep. of	613 (2.9)	90 (1.5)	610 (3.5)	88 (1.7)	616 (3.1)	92 (1.9)
Lebanon	449 (3.7)	75 (1.6)	444 (4.2)	73 (1.9)	456 (4.7)	77 (2.1)
Lithuania	502 (2.5)	79 (1.4)	507 (2.6)	76 (1.7)	498 (3.2)	81 (1.9)
Macedonia, Rep. of	426 (5.2)	109 (2.7)	430 (5.8)	109 (2.9)	423 (5.6)	108 (3.2)
Malaysia	440 (5.4)	92 (2.7)	449 (5.2)	86 (2.4)	430 (6.2)	97 (3.3)
Morocco	371 (2.0)	86 (1.0)	371 (2.3)	87 (1.3)	371 (2.7)	84 (1.2)
New Zealand	488 (5.5)	85 (2.1)	478 (5.5)	82 (2.4)	496 (6.2)	87 (2.1)
Norway	475 (2.4)	65 (1.3)	476 (2.9)	64 (1.5)	473 (2.9)	65 (1.7)
Oman	366 (2.8)	108 (1.6)	397 (3.1)	94 (1.5)	334 (3.8)	113 (1.7)
Palestinian Nat'l Auth.	404 (3.5)	100 (2.0)	415 (4.2)	94 (2.2)	392 (5.6)	106 (3.3)
Qatar	410 (3.1)	110 (2.1)	415 (5.8)	107 (2.8)	404 (5.5)	113 (2.5)
Romania	458 (4.0)	102 (2.3)	464 (4.6)	103 (2.3)	453 (4.2)	101 (2.7)
Russian Federation	539 (3.6)	81 (1.7)	539 (3.8)	79 (1.6)	539 (3.9)	83 (2.4)
Saudi Arabia	394 (4.6)	93 (2.5)	401 (4.1)	83 (2.0)	387 (8.0)	102 (3.8)
Singapore	611 (3.8)	84 (2.4)	615 (3.7)	78 (2.3)	607 (4.5)	90 (2.9)
Slovenia	505 (2.2)	70 (1.2)	502 (2.4)	70 (1.5)	507 (2.8)	71 (1.4)
Sweden	484 (1.9)	68 (1.0)	486 (2.1)	67 (1.1)	482 (2.4)	68 (1.4)
Syrian Arab Republic	380 (4.5)	97 (2.2)	375 (5.3)	96 (3.0)	385 (5.3)	98 (2.4)
Thailand	427 (4.3)	86 (2.9)	435 (4.2)	81 (2.9)	417 (5.3)	90 (3.2)
Tunisia	425 (2.8)	75 (1.8)	417 (3.1)	75 (1.9)	433 (3.1)	75 (2.1)
Turkey	452 (3.9)	113 (3.1)	457 (3.8)	112 (3.3)	448 (4.7)	114 (3.35 68)

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