

**Appendix MF.2: Standard Deviations of Achievement in Advanced Mathematics**

Country	Overall		Females		Males	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
France	463 (3.1)	71 (1.5)	449 (3.1)	66 (2.1)	475 (3.4)	74 (1.5)
Italy	422 (5.3)	110 (3.2)	427 (6.1)	107 (4.1)	419 (6.6)	111 (3.9)
Lebanon	532 (3.1)	69 (1.8)	533 (4.8)	67 (3.3)	531 (3.9)	71 (2.4)
Norway	459 (4.6)	72 (2.0)	453 (5.1)	70 (2.3)	463 (5.2)	72 (2.4)
Portugal	482 (2.5)	73 (1.4)	481 (3.0)	70 (1.4)	483 (3.1)	76 (2.0)
Russian Federation	485 (5.7)	111 (3.4)	480 (6.0)	109 (3.9)	489 (6.2)	113 (3.8)
Russian Federation 6hr+	540 (7.8)	101 (5.3)	530 (9.0)	101 (6.0)	549 (7.5)	101 (5.1)
Slovenia	460 (3.4)	84 (2.6)	449 (3.5)	81 (3.0)	476 (4.9)	85 (3.1)
Sweden	431 (4.0)	97 (2.2)	424 (5.1)	95 (3.6)	436 (4.6)	98 (2.3)
United States	485 (5.2)	98 (3.6)	470 (5.3)	94 (3.1)	500 (6.4)	101 (5.9)

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

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