

Exhibit P9.10: Availability of Digital Devices in Physics Lessons

Reported by Physics Teachers

Digital devices may include computers, tablets, calculators, or smartphones.

Country	Digital Devices Available for Students to Use in Physics Lessons		
	Percent of Students	Average Achievement	
	Yes	Yes	No
France	87 (2.3)	375 (4.2)	371 (9.4)
Italy	59 (3.8)	372 (8.8)	388 (10.0)
Lebanon	33 (3.3)	405 (7.0)	413 (6.0)
Norway	100 (0.0)	505 (4.6)	~ ~
Portugal	76 (4.5)	469 (5.4)	462 (8.0)
Russian Federation	90 (2.5)	509 (7.9)	499 (16.9)
Slovenia	80 (1.8)	529 (3.0)	539 (7.0)
Sweden	99 (0.9)	456 (6.2)	~ ~
United States	r 89 (3.8)	440 (11.1)	456 (18.1)
International Avg.	79 (1.0)	451 (2.3)	447 (4.4)

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

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent. A tilde (~) indicates insufficient data to report achievement. An "r" indicates data are available for at least 70% but less than 85% of the students.