

**Exhibit P8.4: Physics Teachers' Gender, Age, and Number of Years Teaching**

Reported by Physics Teachers

Country	Percent of Students by Teacher Characteristics							Average Number of Years Teaching	
	Gender		Age					Teaching Altogether	Teaching Physics at the Advanced Level
	Female	Male	29 Years or Under	30-39 Years	40-49 Years	50-59 Years	60 Years or Older		
France	38 (3.3)	62 (3.3)	2 (1.0)	24 (3.4)	49 (2.9)	20 (2.6)	4 (1.2)	20 (0.6)	11 (0.5)
Italy	57 (3.1)	43 (3.1)	2 (0.7)	4 (1.3)	33 (3.5)	46 (3.3)	15 (2.8)	23 (0.6)	14 (0.6)
Lebanon	20 (2.8)	80 (2.8)	3 (0.6)	27 (3.7)	28 (3.6)	18 (2.4)	24 (4.2)	24 (1.0)	20 (0.7)
Norway	24 (4.1)	76 (4.1)	7 (1.9)	21 (3.1)	29 (4.4)	21 (3.4)	22 (3.3)	18 (0.8)	14 (0.8)
Portugal	56 (4.8)	44 (4.8)	0 (0.0)	12 (2.5)	43 (4.3)	39 (4.4)	7 (2.1)	24 (0.8)	9 (0.6)
Russian Federation	77 (3.0)	23 (3.0)	3 (1.4)	13 (2.1)	25 (3.8)	42 (3.6)	18 (3.0)	26 (0.8)	11 (0.6)
Slovenia	31 (3.3)	69 (3.3)	1 (0.0)	22 (2.6)	31 (3.0)	37 (3.7)	8 (0.8)	21 (0.7)	15 (0.6)
Sweden	27 (4.8)	73 (4.8)	7 (1.7)	23 (3.9)	28 (3.9)	28 (4.7)	14 (2.0)	16 (0.8)	12 (0.7)
United States	r 31 (5.7)	69 (5.7)	r 19 (4.7)	21 (3.5)	30 (4.1)	21 (5.3)	9 (3.4)	r 14 (1.1)	s 8 (0.8)
International Avg.	40 (1.3)	60 (1.3)	5 (0.6)	19 (1.0)	33 (1.3)	30 (1.3)	13 (0.9)	21 (0.3)	13 (0.2)

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. An "r" indicates data are available for at least 70% but less than 85% of the students. An "s" indicates data are available for at least 50% but less than 70% of the students.