

Exhibit P4.4: Students' Expectations for Further Education

Reported by Physics Students

Country	Doctoral Degree		Master's Degree		Bachelor's Degree		Post-Secondary Education but Not Bachelor's Degree		Upper-Secondary Education	
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement
Lebanon	59 (1.6)	414 (5.5)	35 (1.6)	415 (5.8)	4 (0.6)	384 (16.6)	2 (0.4)	~ ~	0 (0.1)	~ ~
Portugal	26 (1.3)	492 (6.1)	54 (1.3)	476 (4.8)	16 (1.1)	414 (7.7)	2 (0.4)	~ ~	2 (0.3)	~ ~
United States	23 (1.7)	451 (13.2)	51 (1.4)	443 (8.2)	24 (1.7)	418 (12.7)	1 (0.6)	~ ~	1 (0.2)	~ ~
Slovenia	22 (1.3)	565 (7.4)	48 (1.3)	540 (4.3)	19 (1.0)	504 (6.3)	10 (1.1)	475 (8.9)	0 (0.1)	~ ~
France	21 (0.8)	395 (5.2)	53 (0.9)	393 (4.0)	14 (0.7)	324 (5.9)	10 (0.5)	314 (5.6)	1 (0.2)	~ ~
Italy	17 (0.7)	407 (10.2)	24 (0.9)	373 (8.6)	46 (1.0)	381 (7.0)	12 (0.8)	325 (10.0)	2 (0.3)	~ ~
Sweden	9 (0.5)	496 (11.9)	64 (0.9)	474 (5.5)	22 (0.8)	404 (7.0)	4 (0.4)	377 (14.9)	1 (0.2)	~ ~
Norway	8 (0.6)	550 (8.2)	68 (1.4)	520 (4.3)	22 (1.3)	461 (7.3)	1 (0.2)	~ ~	0 (0.1)	~ ~
Russian Federation	8 (0.5)	559 (11.3)	61 (1.1)	520 (6.8)	28 (1.0)	477 (8.6)	2 (0.4)	~ ~	1 (0.1)	~ ~
International Avg.	21 (0.4)	481 (3.1)	51 (0.4)	462 (2.0)	22 (0.4)	419 (3.1)	5 (0.2)	373 (5.2)	1 (0.1)	~ ~

Students' Expectations for Further Education by Gender

Reported by Physics Students

Country	Doctoral Degree		Master's Degree		Bachelor's Degree		Post-Secondary Education but Not Bachelor's Degree		Upper-Secondary Education	
	Percent of Females	Percent of Males	Percent of Females	Percent of Males	Percent of Females	Percent of Males	Percent of Females	Percent of Males	Percent of Females	Percent of Males
Lebanon	65 (2.0) ▲	55 (2.4)	33 (2.0)	37 (2.5)	1 (0.4)	5 (1.0) ▲	1 (0.3)	2 (0.6) ▲	0 (0.0)	0 (0.2) ▲
Portugal	28 (3.2)	25 (1.5)	53 (3.2)	54 (1.5)	17 (2.4)	16 (1.3)	1 (0.8)	2 (0.4)	0 (0.3)	2 (0.5) ▲
United States	27 (2.2) ▲	21 (2.0)	56 (2.5) ▲	48 (2.1)	17 (2.0)	29 (1.8) ▲	0 (0.3)	1 (0.8)	0 (0.1)	1 (0.3) ▲
Slovenia	21 (2.4)	23 (1.6)	55 (2.7) ▲	45 (1.9)	18 (2.2)	19 (1.4)	6 (1.4)	12 (1.4) ▲	0 (0.0)	0 (0.2) ▲
France	27 (1.3) ▲	15 (0.8)	47 (1.1)	59 (1.1) ▲	14 (1.1)	15 (0.7)	11 (0.8)	9 (0.6)	1 (0.3)	1 (0.3)
Italy	16 (1.0)	17 (1.0)	27 (1.2) ▲	21 (1.1)	48 (1.5)	45 (1.1)	9 (1.0)	14 (1.0) ▲	1 (0.3)	3 (0.5) ▲
Sweden	10 (0.9) ▲	8 (0.8)	67 (1.4) ▲	63 (1.3)	20 (1.3)	24 (1.2) ▲	2 (0.5)	5 (0.6) ▲	1 (0.2)	1 (0.3)
Norway	9 (1.3)	7 (0.7)	73 (2.0) ▲	67 (1.6)	17 (1.6)	24 (1.6) ▲	1 (0.3)	2 (0.3) ▲	0 (0.2)	0 (0.2)
Russian Federation	7 (0.6)	8 (0.8)	64 (1.6) ▲	60 (1.3)	26 (1.5)	29 (1.1)	2 (0.6)	2 (0.5)	1 (0.2)	1 (0.2) ▲
International Avg.	23 (0.6) ▲	20 (0.5)	53 (0.7) ▲	50 (0.5)	20 (0.6)	23 (0.4) ▲	4 (0.2)	6 (0.3) ▲	0 (0.1)	1 (0.1) ▲

▲ Percent significantly higher than other gender

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

A tilde (~) indicates insufficient data to report achievement.

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

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