

Exhibit 6.7: Teacher Job Satisfaction

Reported by Teachers

Students were scored according to how often their teachers responded positively to the seven statements on the *Teacher Job Satisfaction* scale. Students with **Very Satisfied** teachers had a score on the scale of at least 10.3, which corresponds to their teachers responding "very often" to four of the seven statements and responding "often" to the other three, on average. Students with **Less than Satisfied** teachers had a score no higher than 7.0, which corresponds to their teachers responding "sometimes" to four of the seven statements and "often" to the other three, on average. All other students had **Satisfied** teachers.

Country	Very Satisfied		Satisfied		Less than Satisfied		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Egypt	78 (3.2)	377 (4.8)	21 (3.2)	349 (11.2)	2 (0.9)	~ ~	11.0 (0.12)
Lebanon	75 (3.1)	402 (6.4)	23 (3.0)	383 (10.4)	2 (0.7)	~ ~	11.0 (0.12)
Chile	74 (3.6)	455 (4.8)	22 (3.4)	466 (7.2)	4 (1.7)	425 (17.8)	11.0 (0.14)
Qatar	73 (2.9)	450 (4.4)	27 (2.9)	472 (7.2)	0 (0.0)	~ ~	10.9 (0.10)
United Arab Emirates	r 65 (2.2)	483 (4.1)	32 (2.2)	464 (6.4)	3 (0.7)	441 (14.7)	10.7 (0.08)
Thailand	65 (4.1)	461 (5.2)	32 (3.8)	447 (6.8)	3 (1.4)	443 (21.9)	10.7 (0.15)
Iran, Islamic Rep. of	64 (3.1)	465 (4.5)	28 (3.1)	443 (6.5)	8 (2.1)	435 (8.6)	10.5 (0.13)
Oman	64 (3.3)	454 (3.7)	27 (2.7)	458 (5.5)	9 (2.4)	455 (11.3)	10.5 (0.15)
Israel	63 (3.0)	505 (5.6)	33 (2.9)	520 (7.1)	4 (1.1)	459 (18.3)	10.6 (0.11)
Kuwait	62 (4.4)	414 (7.1)	30 (4.3)	414 (12.6)	7 (2.5)	361 (24.9)	10.5 (0.19)
Malaysia	61 (4.0)	465 (5.9)	37 (4.0)	473 (7.6)	3 (1.1)	449 (39.1)	10.5 (0.15)
Saudi Arabia	61 (4.2)	410 (5.8)	33 (4.1)	378 (8.0)	7 (2.2)	366 (18.5)	10.4 (0.16)
Kazakhstan	57 (3.1)	529 (5.3)	42 (3.1)	537 (6.1)	1 (0.3)	~ ~	10.5 (0.10)
South Africa (9)	56 (3.5)	368 (8.1)	32 (2.9)	352 (9.8)	12 (2.2)	324 (11.2)	10.1 (0.14)
Ireland	55 (3.2)	539 (3.1)	37 (2.6)	521 (4.8)	8 (1.8)	532 (11.2)	10.2 (0.14)
Canada	55 (3.2)	528 (3.6)	41 (3.0)	528 (3.3)	4 (1.0)	518 (9.3)	10.4 (0.12)
Georgia	54 (2.5)	446 (3.3)	42 (2.4)	443 (4.0)	4 (0.8)	426 (8.1)	10.3 (0.08)
Morocco	53 (2.7)	399 (3.6)	41 (2.4)	387 (3.1)	6 (1.1)	392 (5.5)	10.1 (0.10)
Norway (9)	49 (3.9)	508 (3.8)	46 (3.9)	512 (4.3)	6 (2.0)	512 (8.5)	10.1 (0.16)
Bahrain	47 (3.5)	473 (4.3)	44 (3.7)	462 (3.6)	9 (2.2)	464 (10.9)	10.1 (0.12)
United States	r 46 (3.0)	537 (5.5)	43 (2.7)	529 (4.1)	11 (1.7)	532 (8.8)	9.9 (0.13)
Jordan	45 (3.5)	440 (4.7)	42 (3.3)	418 (5.4)	13 (2.4)	403 (7.8)	9.7 (0.15)
Turkey	44 (3.5)	509 (5.6)	45 (3.0)	482 (6.0)	12 (2.5)	480 (12.3)	9.7 (0.14)
Australia	44 (3.0)	524 (4.3)	41 (2.8)	508 (3.9)	15 (2.4)	513 (5.9)	9.6 (0.14)
Malta	44 (0.4)	498 (2.4)	43 (0.4)	475 (1.8)	13 (0.2)	443 (3.5)	9.6 (0.02)
Chinese Taipei	42 (3.5)	575 (3.6)	43 (3.4)	565 (3.6)	15 (2.5)	564 (7.1)	9.6 (0.17)
Slovenia	42 (2.2)	551 (3.4)	51 (2.1)	551 (2.6)	8 (1.3)	553 (5.5)	9.8 (0.09)
New Zealand	40 (3.8)	520 (4.9)	47 (3.8)	511 (4.9)	13 (2.3)	514 (8.2)	9.6 (0.16)
Korea, Rep. of	39 (3.6)	557 (3.0)	49 (3.9)	555 (3.0)	12 (2.4)	555 (7.3)	9.5 (0.14)
Italy	36 (4.1)	505 (4.7)	54 (4.3)	491 (4.2)	10 (2.6)	507 (6.1)	9.5 (0.17)
Hong Kong SAR	34 (4.1)	562 (7.1)	48 (5.0)	541 (5.4)	19 (3.7)	523 (10.0)	9.1 (0.18)
Singapore	33 (2.9)	604 (6.6)	54 (3.0)	594 (5.7)	13 (1.8)	590 (11.6)	9.3 (0.13)
Russian Federation	33 (2.3)	544 (5.1)	62 (2.3)	545 (4.6)	6 (1.0)	534 (7.2)	9.5 (0.09)
Botswana (9)	32 (4.0)	402 (6.1)	46 (4.6)	387 (4.7)	22 (3.4)	395 (6.2)	8.9 (0.18)
Hungary	31 (2.4)	540 (5.0)	59 (2.5)	523 (3.9)	10 (1.5)	503 (12.7)	9.3 (0.10)
Sweden	30 (4.0)	523 (7.0)	58 (3.8)	524 (3.9)	12 (3.5)	517 (10.0)	9.2 (0.20)
Lithuania	28 (1.9)	519 (3.7)	57 (2.3)	519 (3.2)	16 (1.8)	520 (4.9)	9.1 (0.09)
England	r 27 (2.3)	550 (7.3)	52 (2.5)	539 (5.8)	21 (2.5)	521 (7.7)	8.8 (0.12)
Japan	19 (3.0)	580 (3.8)	61 (3.8)	570 (2.3)	20 (3.0)	563 (3.7)	8.7 (0.14)
International Avg.	49 (0.5)	492 (0.8)	42 (0.5)	483 (1.0)	9 (0.3)	478 (2.2)	

This TIMSS questionnaire scale was established in 2015 based on the combined response distribution of all countries that participated in TIMSS 2015. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

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

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

Exhibit 6.7: Teacher Job Satisfaction (Continued)

Country	Very Satisfied		Satisfied		Less than Satisfied		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Benchmarking Participants							
Abu Dhabi, UAE	67 (4.1)	458 (9.0)	29 (3.9)	435 (11.1)	4 (1.3)	435 (16.7)	10.7 (0.17)
Dubai, UAE	63 (1.8)	533 (2.9)	35 (1.7)	506 (6.7)	2 (0.7)	~ ~	10.8 (0.06)
Ontario, Canada	61 (4.8)	524 (4.0)	34 (4.5)	531 (4.4)	5 (1.3)	519 (10.0)	10.6 (0.18)
Norway (8)	46 (3.8)	494 (3.7)	46 (3.7)	491 (3.2)	8 (2.4)	472 (10.3)	9.9 (0.17)
Quebec, Canada	44 (4.1)	538 (8.1)	53 (3.9)	524 (5.1)	3 (1.5)	502 (30.5)	10.1 (0.17)
Florida, US	41 (6.5)	541 (13.3)	44 (5.6)	503 (10.8)	15 (3.5)	504 (16.5)	9.5 (0.29)
Buenos Aires, Argentina	x x	x x	x x	x x	x x	x x	x x

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