

Exhibit 7.6: Student Bullying

Reported by Students

Students were scored according to their responses to how often they experienced nine bullying behaviors on the *Student Bullying* scale. Students bullied **Almost Never** had a score on the scale of at least 9.3, which corresponds to “never” experiencing five of the nine bullying behaviors and experiencing each of the other four behaviors “a few times a year,” on average. Students bullied **About Weekly** had a score no higher than 7.3, which corresponds to their experiencing each of five of the nine behaviors “once or twice a month” and each of the other four “a few times a year,” on average. All other students were bullied **About Monthly**.

Country	Almost Never		About Monthly		About Weekly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Chinese Taipei	86 (0.7)	600 (2.4)	13 (0.6)	596 (5.1)	1 (0.2)	~ ~	11.3 (0.04)
Kazakhstan	86 (0.8)	531 (5.4)	13 (0.7)	513 (6.4)	2 (0.2)	~ ~	11.3 (0.05)
Korea, Rep. of	84 (0.6)	607 (2.7)	15 (0.6)	603 (3.9)	1 (0.2)	~ ~	11.1 (0.03)
Georgia	82 (1.0)	459 (3.5)	16 (0.9)	441 (6.0)	2 (0.3)	~ ~	11.0 (0.05)
Japan	80 (0.8)	585 (2.6)	18 (0.7)	596 (3.5)	2 (0.2)	~ ~	10.9 (0.05)
Chile	78 (0.8)	431 (3.3)	18 (0.7)	420 (4.4)	3 (0.4)	401 (8.1)	10.6 (0.04)
Norway (9)	75 (0.9)	514 (2.2)	22 (0.8)	509 (3.5)	3 (0.3)	478 (10.9)	10.6 (0.04)
Ireland	75 (0.9)	526 (2.7)	22 (0.9)	521 (3.6)	4 (0.3)	492 (6.8)	10.5 (0.04)
Sweden	74 (0.9)	504 (2.8)	23 (0.8)	497 (4.3)	3 (0.3)	459 (8.3)	10.5 (0.04)
Italy	73 (0.9)	497 (2.7)	25 (0.8)	488 (3.2)	2 (0.3)	~ ~	10.3 (0.04)
Hungary	73 (1.0)	521 (3.8)	25 (0.9)	502 (5.3)	2 (0.3)	~ ~	10.3 (0.04)
Slovenia	72 (1.1)	518 (2.2)	24 (1.0)	515 (2.7)	4 (0.3)	491 (10.3)	10.3 (0.04)
Lithuania	72 (1.3)	515 (3.1)	24 (1.1)	505 (4.0)	4 (0.4)	491 (8.0)	10.3 (0.06)
Turkey	69 (1.1)	468 (5.2)	26 (0.9)	447 (4.8)	6 (0.3)	397 (7.4)	10.3 (0.05)
Russian Federation	66 (1.0)	541 (4.9)	30 (0.9)	536 (5.1)	4 (0.3)	511 (7.9)	10.1 (0.04)
Canada	65 (0.8)	533 (2.1)	30 (0.7)	525 (2.4)	5 (0.3)	500 (5.0)	10.0 (0.03)
United States	64 (0.6)	522 (3.2)	29 (0.5)	518 (3.4)	7 (0.4)	494 (4.7)	10.0 (0.03)
Saudi Arabia	64 (1.2)	374 (4.4)	27 (1.0)	372 (6.1)	9 (0.6)	328 (7.8)	10.1 (0.06)
Malta	64 (0.9)	500 (1.5)	29 (0.8)	499 (2.2)	7 (0.5)	445 (7.2)	10.0 (0.03)
Jordan	64 (1.1)	400 (3.2)	26 (0.9)	378 (4.3)	11 (0.5)	342 (6.4)	10.1 (0.05)
England	62 (1.2)	524 (4.2)	32 (1.0)	516 (4.9)	6 (0.5)	496 (7.4)	9.9 (0.05)
Qatar	61 (1.0)	449 (2.8)	27 (0.7)	443 (3.9)	12 (0.8)	383 (7.5)	9.8 (0.05)
Iran, Islamic Rep. of	60 (0.8)	445 (4.7)	32 (0.8)	432 (5.5)	8 (0.5)	389 (6.4)	9.9 (0.04)
Kuwait	60 (1.1)	397 (4.7)	32 (1.0)	390 (6.0)	8 (0.6)	370 (9.6)	9.8 (0.05)
United Arab Emirates	58 (0.8)	477 (2.1)	32 (0.6)	461 (2.4)	10 (0.5)	414 (4.8)	9.7 (0.04)
Singapore	58 (0.8)	628 (3.0)	36 (0.7)	615 (3.8)	6 (0.4)	591 (7.1)	9.7 (0.03)
Australia	57 (1.0)	514 (3.2)	34 (0.8)	500 (3.2)	9 (0.4)	476 (5.1)	9.7 (0.04)
Hong Kong SAR	56 (1.1)	590 (4.4)	37 (1.0)	601 (5.4)	7 (0.6)	593 (8.4)	9.6 (0.04)
New Zealand	55 (1.0)	501 (3.9)	35 (0.8)	492 (3.6)	10 (0.5)	466 (4.9)	9.5 (0.04)
Egypt	55 (1.5)	418 (4.1)	29 (1.0)	381 (4.8)	16 (1.0)	335 (5.6)	9.7 (0.07)
Lebanon	52 (2.0)	456 (4.0)	28 (1.3)	446 (4.2)	19 (1.8)	412 (6.9)	9.5 (0.10)
Morocco	51 (0.8)	391 (2.6)	38 (0.7)	384 (2.4)	11 (0.5)	370 (3.8)	9.4 (0.04)
Bahrain	49 (0.8)	466 (2.0)	36 (0.7)	455 (2.3)	15 (0.6)	424 (3.4)	9.3 (0.04)
Malaysia	48 (1.1)	478 (3.6)	42 (0.7)	462 (3.5)	11 (0.8)	425 (5.5)	9.3 (0.05)
Oman	44 (0.9)	416 (2.5)	41 (0.8)	402 (3.1)	14 (0.7)	373 (5.3)	9.2 (0.04)
South Africa (9)	36 (1.2)	396 (5.5)	47 (0.9)	374 (4.2)	17 (0.9)	328 (5.4)	8.9 (0.04)
Thailand	33 (1.1)	435 (5.7)	50 (0.9)	435 (5.0)	17 (0.8)	415 (5.6)	8.8 (0.04)
Botswana (9)	26 (0.8)	408 (2.7)	51 (0.7)	400 (2.1)	23 (0.6)	368 (4.3)	8.4 (0.03)
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International Avg.	63 (0.2)	488 (0.6)	29 (0.1)	478 (0.7)	8 (0.1)	434 (1.2)	

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 dash (-) indicates comparable data not available. A tilde (~) indicates insufficient data to report achievement.

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

Exhibit 7.6: Student Bullying (Continued)

Country	Almost Never		About Monthly		About Weekly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Benchmarking Participants							
Norway (8)	81 (0.8)	490 (1.9)	17 (0.7)	481 (3.3)	2 (0.3)	~ ~	10.9 (0.04)
Buenos Aires, Argentina	75 (1.2)	399 (4.7)	22 (1.1)	389 (6.1)	3 (0.4)	373 (11.2)	10.5 (0.05)
Quebec, Canada	74 (0.9)	547 (3.2)	24 (0.9)	541 (4.4)	3 (0.3)	531 (7.3)	10.4 (0.04)
Florida, US	68 (1.2)	497 (6.8)	26 (1.0)	497 (6.9)	6 (0.6)	461 (13.2)	10.2 (0.06)
Dubai, UAE	62 (1.1)	518 (2.4)	30 (0.9)	510 (3.2)	8 (0.7)	468 (6.1)	9.9 (0.05)
Ontario, Canada	61 (1.0)	527 (2.9)	32 (0.9)	523 (2.8)	7 (0.4)	495 (6.2)	9.9 (0.04)
Abu Dhabi, UAE	56 (1.5)	456 (4.5)	31 (1.0)	439 (5.2)	13 (1.0)	388 (7.7)	9.7 (0.07)

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