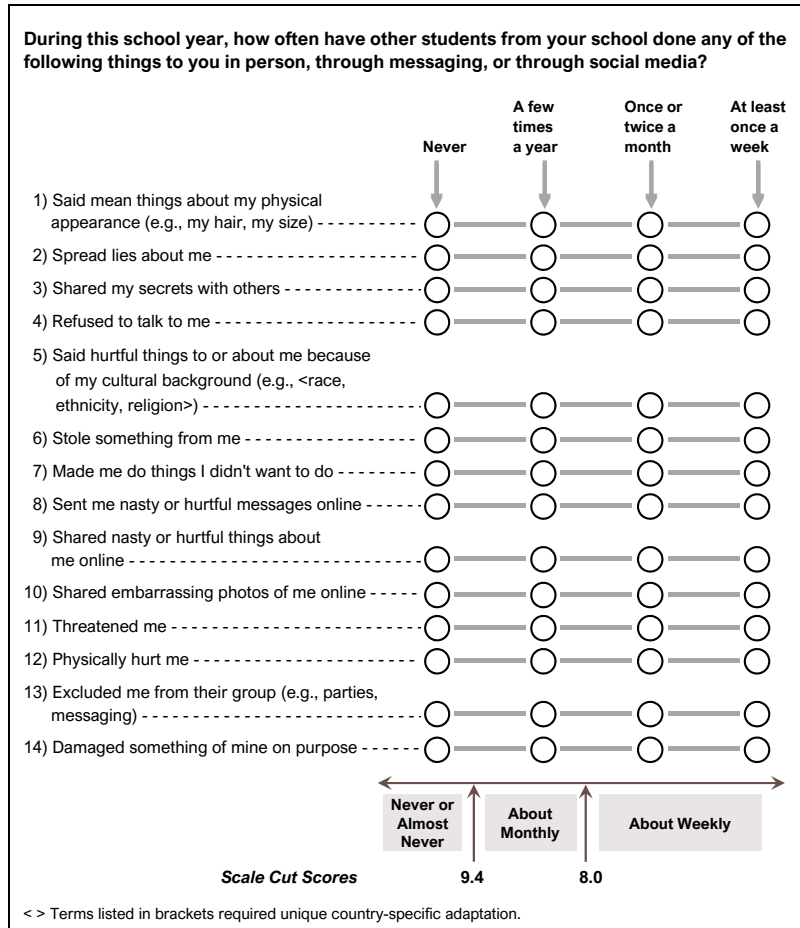


Exhibit 6.1.9: Student Bullying

About the Scale

Students were scored according to their reports regarding fourteen bullying behaviors on the *Student Bullying* scale. Cut scores divide the scale into three categories. Students bullied **Never or Almost Never** had a score at or above the cut score corresponding to reporting that they “never” experienced seven of the fourteen bullying behaviors and experienced the other seven “a few times a year,” on average. Students bullied **About Weekly** had a score at or below the cut score corresponding to reporting that they experienced seven of the fourteen behaviors “once or twice a month” and the other seven “a few times a year,” on average. All other students were bullied **About Monthly**.



## Exhibit 6.1.10: Student Bullying

Country	Never or Almost Never		About Monthly		About Weekly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Australia	48 (0.9)	525 (3.8)	36 (0.8)	514 (3.7)	16 (0.6)	478 (5.4)	9.5 (0.03)
Austria	61 (1.0)	521 (2.7)	30 (0.8)	510 (2.6)	8 (0.6)	475 (5.8)	9.9 (0.03)
Azerbaijan	60 (1.2)	502 (3.6)	23 (0.9)	474 (5.6)	17 (0.8)	450 (6.5)	10.0 (0.06)
Bahrain	55 (0.9)	451 (2.5)	26 (0.7)	427 (3.9)	18 (0.8)	381 (4.7)	9.7 (0.04)
Brazil	43 (0.7)	403 (4.5)	34 (0.6)	386 (3.4)	23 (0.6)	346 (2.8)	9.2 (0.03)
Chile	54 (0.9)	429 (3.1)	33 (0.8)	417 (3.6)	14 (0.7)	383 (4.8)	9.6 (0.03)
Chinese Taipei	85 (0.7)	606 (3.1)	13 (0.6)	590 (5.9)	2 ~	~ ~	11.3 (0.04)
Cote d'Ivoire	45 (1.3)	269 (6.1)	39 (0.9)	268 (5.1)	16 (0.9)	236 (4.4)	9.4 (0.05)
Cyprus	60 (0.9)	509 (3.0)	26 (0.7)	498 (3.7)	13 (0.6)	457 (3.8)	9.9 (0.04)
Czech Republic	64 (0.7)	529 (2.3)	29 (0.6)	509 (2.9)	7 (0.4)	475 (4.9)	10.0 (0.03)
England	55 (1.0)	538 (4.8)	33 (0.7)	528 (5.6)	12 (0.7)	487 (6.2)	9.8 (0.04)
Finland	76 (0.8)	514 (2.6)	18 (0.6)	500 (3.2)	7 (0.5)	451 (5.3)	10.7 (0.04)
France	66 (0.9)	492 (3.1)	26 (0.7)	470 (4.0)	8 (0.6)	434 (5.4)	10.1 (0.03)
Georgia	81 (0.8)	476 (3.4)	11 (0.7)	462 (5.2)	7 (0.6)	433 (7.7)	11.1 (0.05)
Hong Kong SAR	66 (1.4)	580 (4.9)	23 (0.9)	581 (7.4)	10 (0.9)	541 (7.8)	10.3 (0.06)
Hungary	67 (1.0)	516 (3.5)	27 (0.8)	497 (4.4)	7 (0.5)	453 (7.5)	10.1 (0.03)
Iran, Islamic Rep. of	57 (1.0)	439 (3.8)	29 (0.7)	420 (3.7)	14 (0.9)	372 (6.8)	9.7 (0.04)
Ireland	67 (0.8)	528 (2.6)	25 (0.6)	519 (3.7)	9 (0.5)	500 (6.3)	10.2 (0.03)
Italy	66 (0.9)	507 (2.9)	28 (0.8)	499 (4.1)	6 (0.4)	459 (6.6)	10.0 (0.03)
Japan	91 (0.6)	596 (3.3)	8 (0.5)	592 (5.2)	1 ~	~ ~	11.5 (0.04)
Jordan	52 (1.1)	413 (3.4)	23 (0.7)	388 (3.7)	26 (1.0)	353 (4.7)	9.5 (0.05)
Kazakhstan	68 (0.9)	462 (3.6)	23 (0.7)	447 (4.2)	9 (0.5)	429 (5.4)	10.4 (0.04)
Korea, Rep. of	82 (0.7)	600 (3.1)	16 (0.6)	591 (4.3)	3 (0.3)	536 (13.0)	11.0 (0.03)
Kuwait	60 (1.0)	407 (5.0)	27 (0.9)	406 (6.3)	13 (0.8)	366 (10.5)	10.0 (0.04)
Lithuania	63 (0.9)	523 (3.4)	26 (0.7)	516 (3.4)	11 (0.6)	472 (6.1)	10.0 (0.04)
Malaysia	44 (0.9)	426 (3.7)	39 (0.7)	411 (3.4)	17 (0.7)	375 (4.2)	9.4 (0.03)
Malta	54 (0.7)	515 (1.9)	33 (0.7)	503 (2.4)	12 (0.6)	459 (4.0)	9.7 (0.03)
Morocco	40 (1.0)	392 (3.2)	35 (0.7)	375 (3.2)	25 (0.9)	366 (4.4)	9.1 (0.04)
Norway (9)	70 (1.0)	512 (2.3)	22 (0.7)	496 (3.1)	8 (0.5)	462 (4.7)	10.3 (0.05)
Oman	45 (0.8)	437 (2.8)	31 (0.7)	415 (3.5)	24 (0.6)	370 (3.7)	9.3 (0.03)
Palestinian Nat'l Auth.	51 (1.0)	407 (3.3)	25 (0.6)	380 (3.3)	24 (1.0)	355 (4.1)	9.5 (0.05)
Portugal	64 (1.0)	485 (2.5)	29 (0.9)	470 (3.8)	8 (0.4)	435 (5.0)	10.0 (0.03)
Qatar	58 (1.2)	462 (4.8)	26 (1.1)	465 (5.7)	16 (0.8)	412 (5.5)	9.8 (0.05)
Romania	49 (1.3)	520 (4.8)	29 (1.1)	502 (5.4)	22 (1.2)	459 (7.6)	9.4 (0.06)
Saudi Arabia	65 (0.9)	413 (3.2)	18 (0.6)	396 (4.7)	17 (0.7)	364 (4.4)	10.2 (0.05)
Singapore	62 (1.2)	620 (5.6)	29 (0.8)	592 (7.2)	9 (0.7)	552 (9.2)	10.0 (0.05)
South Africa (9)	30 (0.8)	422 (4.2)	48 (0.7)	395 (3.0)	22 (0.7)	361 (4.0)	8.9 (0.03)
Sweden	71 (1.1)	531 (2.5)	22 (1.0)	511 (3.6)	7 (0.5)	471 (5.1)	10.4 (0.04)
Türkiye	47 (1.1)	525 (5.1)	39 (0.9)	506 (4.8)	14 (0.7)	466 (6.6)	9.4 (0.04)
United Arab Emirates	54 (0.5)	514 (2.1)	26 (0.4)	495 (2.0)	20 (0.4)	437 (2.3)	9.7 (0.03)
United States	56 (0.9)	503 (4.5)	31 (0.7)	492 (3.7)	14 (0.6)	447 (5.5)	9.8 (0.04)
Uzbekistan	65 (1.2)	432 (5.0)	20 (0.8)	415 (4.5)	15 (0.9)	396 (4.7)	10.2 (0.06)
<b>International Average</b>	<b>60 (0.1)</b>	<b>487 (0.6)</b>	<b>27 (0.1)</b>	<b>472 (0.7)</b>	<b>13 (0.1)</b>	<b>429 (1.0)</b>	
Israel	--	--	--	--	--	--	--
<b>Benchmarking Participants</b>							
Abu Dhabi, UAE	46 (0.9)	489 (2.8)	27 (0.5)	468 (3.1)	27 (0.9)	409 (3.1)	9.3 (0.05)
Dubai, UAE	59 (0.9)	565 (2.9)	28 (0.7)	542 (3.2)	13 (0.7)	491 (5.1)	10.0 (0.04)
Sharjah, UAE	60 (1.5)	511 (6.2)	23 (1.1)	496 (4.8)	17 (0.9)	453 (5.0)	10.0 (0.08)

This TIMSS context questionnaire scale was established in 2023 based on the combined response distribution of countries that participated in TIMSS 2023. 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 result.

## Exhibit 6.1.11: Student Bullying

Country	Never or Almost Never		About Monthly		About Weekly		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Australia	48 (0.9)	536 (3.5)	36 (0.8)	529 (3.2)	16 (0.6)	484 (5.9)	9.5 (0.03)
Austria	61 (1.0)	521 (2.8)	30 (0.8)	510 (3.0)	8 (0.6)	469 (5.8)	9.9 (0.03)
Azerbaijan	60 (1.2)	430 (3.1)	23 (0.9)	414 (5.0)	17 (0.8)	388 (4.7)	10.0 (0.06)
Bahrain	55 (0.9)	484 (2.7)	26 (0.7)	454 (4.0)	18 (0.8)	386 (4.7)	9.7 (0.04)
Brazil	43 (0.7)	446 (3.8)	34 (0.6)	430 (2.8)	23 (0.6)	384 (2.8)	9.2 (0.03)
Chile	54 (0.9)	470 (2.6)	33 (0.8)	456 (3.4)	14 (0.7)	419 (4.5)	9.6 (0.03)
Chinese Taipei	85 (0.7)	575 (2.5)	13 (0.6)	562 (4.8)	2 ~	~ ~	11.3 (0.04)
Cote d'Ivoire	45 (1.3)	195 (9.8)	39 (0.9)	188 (8.3)	16 (0.9)	139 (8.2)	9.4 (0.05)
Cyprus	60 (0.9)	479 (3.5)	26 (0.7)	470 (3.9)	13 (0.6)	423 (5.0)	9.9 (0.04)
Czech Republic	64 (0.7)	537 (2.1)	29 (0.6)	518 (2.6)	7 (0.4)	491 (4.9)	10.0 (0.03)
England	55 (1.0)	545 (4.6)	33 (0.7)	535 (5.4)	12 (0.7)	491 (6.2)	9.8 (0.04)
Finland	76 (0.8)	545 (2.9)	18 (0.6)	527 (4.3)	7 (0.5)	460 (6.8)	10.7 (0.04)
France	66 (0.9)	500 (3.1)	26 (0.7)	479 (3.8)	8 (0.6)	441 (6.6)	10.1 (0.03)
Georgia	81 (0.8)	458 (2.9)	11 (0.7)	445 (5.8)	7 (0.6)	408 (8.7)	11.1 (0.05)
Hong Kong SAR	66 (1.4)	537 (4.5)	23 (0.9)	530 (7.3)	10 (0.9)	478 (7.8)	10.3 (0.06)
Hungary	67 (1.0)	530 (3.1)	27 (0.8)	514 (4.0)	7 (0.5)	475 (7.0)	10.1 (0.03)
Iran, Islamic Rep. of	57 (1.0)	438 (3.6)	29 (0.7)	417 (3.6)	14 (0.9)	353 (7.5)	9.7 (0.04)
Ireland	67 (0.8)	532 (3.0)	25 (0.6)	526 (5.5)	9 (0.5)	496 (6.7)	10.2 (0.03)
Italy	66 (0.9)	506 (3.1)	28 (0.8)	502 (3.8)	6 (0.4)	449 (6.4)	10.0 (0.03)
Japan	91 (0.6)	559 (3.1)	8 (0.5)	559 (5.7)	1 ~	~ ~	11.5 (0.04)
Jordan	52 (1.1)	447 (3.8)	23 (0.7)	411 (3.9)	26 (1.0)	363 (5.0)	9.5 (0.05)
Kazakhstan	68 (0.9)	451 (3.2)	23 (0.7)	435 (3.4)	9 (0.5)	412 (4.8)	10.4 (0.04)
Korea, Rep. of	82 (0.7)	550 (2.3)	16 (0.6)	535 (3.8)	3 (0.3)	473 (11.3)	11.0 (0.03)
Kuwait	60 (1.0)	436 (5.1)	27 (0.9)	425 (6.9)	13 (0.8)	367 (8.8)	10.0 (0.04)
Lithuania	63 (0.9)	529 (3.1)	26 (0.7)	522 (3.2)	11 (0.6)	472 (6.2)	10.0 (0.04)
Malaysia	44 (0.9)	448 (3.6)	39 (0.7)	430 (3.5)	17 (0.7)	368 (4.9)	9.4 (0.03)
Malta	54 (0.7)	518 (2.1)	33 (0.7)	507 (2.8)	12 (0.6)	456 (4.9)	9.7 (0.03)
Morocco	40 (1.0)	340 (3.7)	35 (0.7)	323 (3.6)	25 (0.9)	317 (5.0)	9.1 (0.04)
Norway (9)	70 (1.0)	503 (2.5)	22 (0.7)	484 (3.8)	8 (0.5)	432 (5.2)	10.3 (0.05)
Oman	45 (0.8)	492 (2.7)	31 (0.7)	462 (3.3)	24 (0.6)	403 (3.6)	9.3 (0.03)
Palestinian Nat'l Auth.	51 (1.0)	427 (3.1)	25 (0.6)	392 (3.5)	24 (1.0)	350 (4.0)	9.5 (0.05)
Portugal	64 (1.0)	516 (2.2)	29 (0.9)	499 (3.4)	8 (0.4)	462 (4.8)	10.0 (0.03)
Qatar	58 (1.2)	498 (4.8)	26 (1.1)	490 (5.9)	16 (0.8)	429 (5.2)	9.8 (0.05)
Romania	49 (1.3)	490 (3.7)	29 (1.1)	476 (3.9)	22 (1.2)	431 (7.0)	9.4 (0.06)
Saudi Arabia	65 (0.9)	443 (3.3)	18 (0.6)	421 (4.8)	17 (0.7)	369 (4.7)	10.2 (0.05)
Singapore	62 (1.2)	622 (5.0)	29 (0.8)	593 (6.9)	9 (0.7)	546 (8.8)	10.0 (0.05)
South Africa (9)	30 (0.8)	404 (5.3)	48 (0.7)	359 (3.8)	22 (0.7)	307 (4.8)	8.9 (0.03)
Sweden	71 (1.1)	536 (3.0)	22 (1.0)	519 (4.2)	7 (0.5)	473 (6.9)	10.4 (0.04)
Türkiye	47 (1.1)	542 (4.1)	39 (0.9)	530 (3.9)	14 (0.7)	491 (6.1)	9.4 (0.04)
United Arab Emirates	54 (0.5)	520 (2.3)	26 (0.4)	498 (2.3)	20 (0.4)	415 (2.5)	9.7 (0.03)
United States	56 (0.9)	529 (4.0)	31 (0.7)	518 (3.6)	14 (0.6)	472 (5.4)	9.8 (0.04)
Uzbekistan	65 (1.2)	409 (3.9)	20 (0.8)	394 (4.6)	15 (0.9)	360 (5.4)	10.2 (0.06)
<b>International Average</b>	<b>60 (0.1)</b>	<b>488 (0.6)</b>	<b>27 (0.1)</b>	<b>471 (0.7)</b>	<b>13 (0.1)</b>	<b>420 (1.0)</b>	
Israel	--	--	--	--	--	--	--
<b>Benchmarking Participants</b>							
Abu Dhabi, UAE	46 (0.9)	492 (3.9)	27 (0.5)	467 (3.6)	27 (0.9)	378 (3.7)	9.3 (0.05)
Dubai, UAE	59 (0.9)	569 (3.1)	28 (0.7)	546 (3.7)	13 (0.7)	481 (5.2)	10.0 (0.04)
Sharjah, UAE	60 (1.5)	520 (6.2)	23 (1.1)	500 (5.3)	17 (0.9)	438 (4.1)	10.0 (0.08)

This TIMSS context questionnaire scale was established in 2023 based on the combined response distribution of countries that participated in TIMSS 2023. 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 result.