

Exhibit 6.1.6: Student Bullying

Students' Reports

About the Scale

Students were scored according to their reports regarding eleven 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 six of the eleven bullying behaviors and experienced the other five “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 six of the eleven behaviors “once or twice a month” and the other five “a few times a year,” on average. All other students were bullied **About Monthly**.

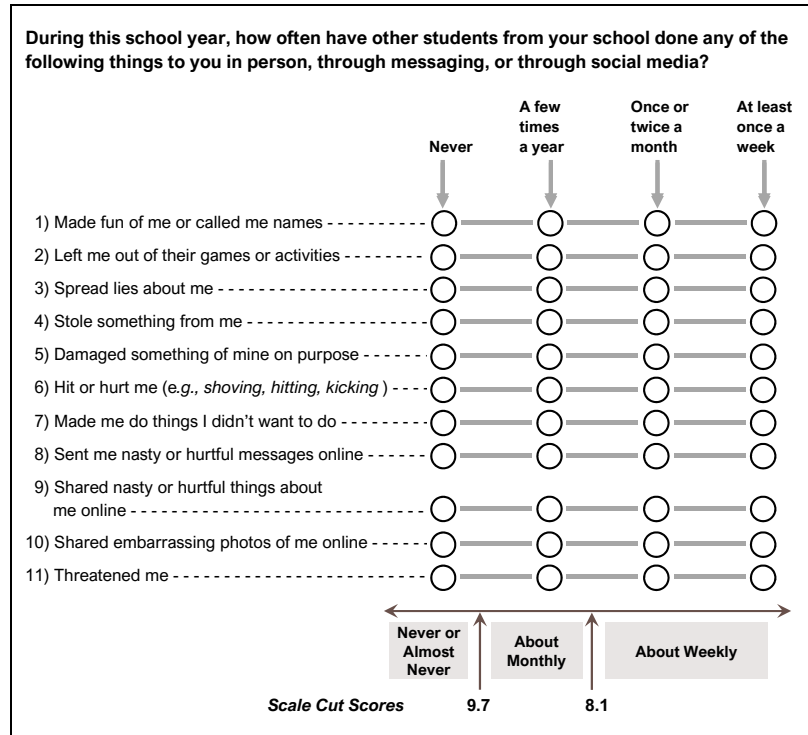


Exhibit 6.1.7a: Student Bullying and Growth in Achievement

Students' Reports in 2024

Country		Never or Almost Never		About Monthly		About Weekly	
		Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Georgia	r	69 (1.2)	27 (3.3)	20 (0.9)	17 (4.5)	11 (0.6)	6 (4.5)
Italy		52 (1.2)	38 (2.1)	39 (1.0)	41 (2.4)	9 (0.6)	34 (4.3)
Jordan	r	49 (1.7)	19 (4.9)	26 (1.2)	10 (4.7)	25 (1.5)	-5 (6.3)
Korea, Rep. of	r	75 (0.9)	43 (1.7)	21 (0.8)	38 (2.3)	4 (0.4)	34 (5.6)
Kosovo		57 (1.1)	20 (2.3)	24 (0.9)	17 (2.6)	18 (0.9)	13 (3.2)
Montenegro		65 (0.9)	24 (2.0)	18 (0.6)	22 (2.6)	17 (0.7)	5 (3.2)
North Macedonia	r	53 (1.2)	27 (2.7)	24 (1.0)	15 (4.3)	23 (1.1)	3 (3.7)
Slovenia		65 (1.1)	44 (1.8)	27 (1.0)	42 (2.4)	8 (0.5)	36 (3.2)
Sweden		63 (1.1)	32 (1.5)	31 (0.9)	28 (2.1)	6 (0.6)	14 (3.6)

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.

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

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2023 Longitudinal
 Downloaded from: <https://timss2023.org/longitudinal/results>

Exhibit 6.1.7b: Student Bullying and Average Achievement
Students' Reports in 2023 and 2024

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	
Georgia							
Grade 4	69 (1.2)	514 (3.1)	18 (0.9)	498 (5.5)	13 (0.7)	445 (5.2)	10.7 (0.06)
Grade 5	69 (1.2)	535 (3.5)	20 (0.9)	511 (3.8)	11 (0.6)	457 (6.6)	10.7 (0.06)
Italy							
Grade 4	47 (1.0)	527 (2.9)	40 (0.9)	515 (3.3)	13 (0.6)	469 (5.0)	9.7 (0.04)
Grade 5	52 (1.2)	562 (2.9)	39 (1.0)	551 (2.9)	9 (0.6)	508 (7.1)	9.8 (0.04)
Jordan							
Grade 4	52 (2.1)	446 (6.7)	23 (1.1)	423 (7.6)	25 (1.6)	403 (5.4)	9.9 (0.10)
Grade 5	49 (1.7)	461 (6.0)	26 (1.2)	432 (5.9)	25 (1.5)	406 (5.8)	9.7 (0.09)
Korea, Rep. of							
Grade 4	73 (1.0)	599 (2.7)	23 (0.8)	587 (3.8)	4 (0.4)	568 (10.9)	10.9 (0.04)
Grade 5	75 (0.9)	639 (2.6)	21 (0.8)	628 (3.6)	4 (0.4)	600 (10.2)	10.9 (0.04)
Kosovo							
Grade 4	58 (1.2)	467 (3.2)	25 (0.8)	455 (4.1)	17 (1.0)	409 (5.3)	10.2 (0.06)
Grade 5	57 (1.1)	489 (3.3)	24 (0.9)	467 (4.6)	18 (0.9)	427 (6.0)	10.1 (0.06)
Montenegro							
Grade 4	65 (1.0)	495 (2.0)	18 (0.7)	472 (2.7)	18 (0.7)	434 (3.2)	10.5 (0.05)
Grade 5	65 (0.9)	513 (2.0)	18 (0.6)	499 (3.1)	17 (0.7)	440 (3.7)	10.5 (0.04)
North Macedonia							
Grade 4	52 (1.3)	496 (3.4)	25 (1.1)	484 (4.3)	23 (0.9)	441 (4.3)	9.8 (0.06)
Grade 5	53 (1.2)	524 (3.2)	24 (1.0)	488 (4.6)	23 (1.1)	449 (5.1)	9.8 (0.06)
Slovenia							
Grade 4	60 (0.9)	526 (1.8)	28 (0.7)	516 (3.0)	13 (0.7)	467 (4.4)	10.2 (0.04)
Grade 5	65 (1.1)	566 (2.3)	27 (1.0)	554 (2.7)	8 (0.5)	507 (4.9)	10.4 (0.04)
Sweden							
Grade 4	63 (1.2)	543 (2.5)	30 (0.9)	520 (3.6)	7 (0.5)	481 (6.8)	10.3 (0.04)
Grade 5	63 (1.1)	570 (3.0)	31 (0.9)	555 (3.7)	6 (0.6)	523 (6.0)	10.3 (0.04)

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.

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Exhibit 6.1.8a: Student Bullying and Growth in Achievement
Students' Reports in 2024

Country		Never or Almost Never		About Monthly		About Weekly	
		Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Georgia	r	69 (1.2)	28 (2.4)	20 (0.9)	18 (4.2)	11 (0.6)	2 (5.7)
Italy		52 (1.2)	33 (2.0)	39 (1.0)	33 (2.3)	9 (0.6)	28 (4.3)
Jordan	r	49 (1.7)	23 (5.9)	26 (1.2)	22 (4.8)	25 (1.5)	12 (5.8)
Korea, Rep. of	r	75 (0.9)	35 (1.6)	21 (0.8)	34 (2.2)	4 (0.4)	32 (7.9)
Kosovo		57 (1.1)	21 (2.2)	24 (0.9)	23 (3.1)	18 (0.9)	12 (4.6)
Montenegro		65 (0.9)	24 (1.7)	18 (0.6)	24 (3.0)	17 (0.7)	4 (2.4)
North Macedonia	r	53 (1.2)	17 (2.5)	24 (1.0)	12 (3.2)	23 (1.1)	0 (4.1)
Slovenia		65 (1.1)	39 (1.7)	27 (1.0)	37 (2.4)	8 (0.5)	31 (3.5)
Sweden		63 (1.1)	29 (1.8)	31 (0.9)	27 (2.2)	6 (0.6)	29 (4.8)

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.

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Exhibit 6.1.8b: Student Bullying and Average Achievement
Students' Reports in 2023 and 2024

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	
Georgia							
Grade 4	69 (1.2)	480 (3.3)	18 (0.9)	465 (4.5)	13 (0.7)	418 (4.6)	10.7 (0.06)
Grade 5	69 (1.2)	503 (3.4)	20 (0.9)	476 (3.8)	11 (0.6)	422 (6.9)	10.7 (0.06)
Italy							
Grade 4	47 (1.0)	522 (2.7)	40 (0.9)	513 (2.8)	13 (0.6)	470 (4.9)	9.7 (0.04)
Grade 5	52 (1.2)	553 (2.7)	39 (1.0)	542 (2.8)	9 (0.6)	503 (8.3)	9.8 (0.04)
Jordan							
Grade 4	52 (2.1)	439 (6.0)	23 (1.1)	414 (7.3)	25 (1.6)	388 (5.1)	9.9 (0.10)
Grade 5	49 (1.7)	460 (6.8)	26 (1.2)	432 (5.9)	25 (1.5)	401 (6.6)	9.7 (0.09)
Korea, Rep. of							
Grade 4	73 (1.0)	588 (2.5)	23 (0.8)	573 (4.3)	4 (0.4)	554 (11.3)	10.9 (0.04)
Grade 5	75 (0.9)	618 (2.2)	21 (0.8)	611 (3.3)	4 (0.4)	587 (9.6)	10.9 (0.04)
Kosovo							
Grade 4	58 (1.2)	420 (3.3)	25 (0.8)	407 (4.5)	17 (1.0)	366 (4.9)	10.2 (0.06)
Grade 5	57 (1.1)	441 (3.3)	24 (0.9)	426 (4.2)	18 (0.9)	386 (5.9)	10.1 (0.06)
Montenegro							
Grade 4	65 (1.0)	483 (1.8)	18 (0.7)	456 (3.0)	18 (0.7)	414 (3.8)	10.5 (0.05)
Grade 5	65 (0.9)	499 (1.8)	18 (0.6)	485 (3.5)	17 (0.7)	424 (4.0)	10.5 (0.04)
North Macedonia							
Grade 4	52 (1.3)	465 (3.5)	25 (1.1)	451 (4.3)	23 (0.9)	405 (4.4)	9.8 (0.06)
Grade 5	53 (1.2)	483 (3.0)	24 (1.0)	448 (4.5)	23 (1.1)	407 (4.8)	9.8 (0.06)
Slovenia							
Grade 4	60 (0.9)	540 (2.1)	28 (0.7)	526 (2.7)	13 (0.7)	475 (4.8)	10.2 (0.04)
Grade 5	65 (1.1)	574 (2.0)	27 (1.0)	561 (3.0)	8 (0.5)	515 (5.1)	10.4 (0.04)
Sweden							
Grade 4	63 (1.2)	546 (3.1)	30 (0.9)	523 (4.1)	7 (0.5)	476 (7.8)	10.3 (0.04)
Grade 5	63 (1.1)	569 (3.6)	31 (0.9)	558 (3.9)	6 (0.6)	530 (6.8)	10.3 (0.04)

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