

## Exhibit 6.1.9: Student Bullying

Students' Reports

## 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**.

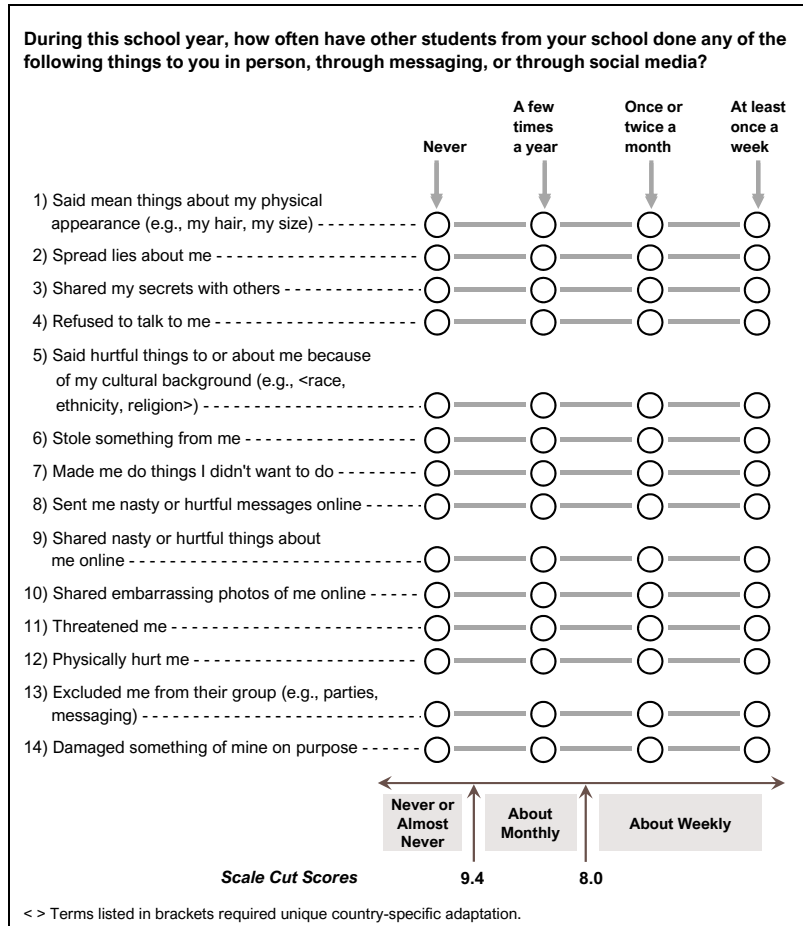


Exhibit 6.1.10a: Student Bullying and Growth in Achievement  
Students' Reports in 2024

| Country        |   | Never or Almost Never |                | About Monthly       |                | About Weekly        |                |
|----------------|---|-----------------------|----------------|---------------------|----------------|---------------------|----------------|
|                |   | Percent of Students   | Average Growth | Percent of Students | Average Growth | Percent of Students | Average Growth |
| Jordan         | r | 56 (1.2)              | 23 (2.9)       | 21 (0.7)            | 16 (4.4)       | 23 (1.1)            | 9 (4.8)        |
| Korea, Rep. of |   | 85 (0.8)              | 10 (1.8)       | 13 (0.7)            | 2 (4.2)        | 2 ~                 | ~ ~            |
| Sweden         | r | 75 (1.0)              | 17 (1.5)       | 18 (0.8)            | 10 (1.9)       | 7 (0.5)             | -13 (3.1)      |

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 tilde (~) indicates insufficient data to report result.

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

## Exhibit 6.1.10b: 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 |                     |
| <b>Jordan</b>         |                       |                     |                     |                     |                     |                     |                     |
| Grade 8               | 52 (1.1)              | 413 (3.3)           | 23 (0.7)            | 387 (4.2)           | 26 (1.0)            | 354 (4.8)           | 9.5 (0.05)          |
| Grade 9               | 56 (1.2)              | 428 (3.1)           | 21 (0.7)            | 398 (4.6)           | 23 (1.1)            | 367 (5.5)           | 9.7 (0.06)          |
| <b>Korea, Rep. of</b> |                       |                     |                     |                     |                     |                     |                     |
| Grade 8               | 82 (0.7)              | 599 (2.9)           | 16 (0.6)            | 591 (4.3)           | 3 (0.3)             | 538 (12.7)          | 11.0 (0.03)         |
| Grade 9               | 85 (0.8)              | 609 (2.8)           | 13 (0.7)            | 601 (5.6)           | 2 ~                 | ~ ~                 | 11.1 (0.04)         |
| <b>Sweden</b>         |                       |                     |                     |                     |                     |                     |                     |
| Grade 8               | 71 (1.1)              | 531 (2.4)           | 21 (1.0)            | 512 (3.5)           | 7 (0.5)             | 472 (5.2)           | 10.4 (0.04)         |
| Grade 9               | 75 (1.0)              | 548 (3.2)           | 18 (0.8)            | 527 (3.9)           | 7 (0.5)             | 456 (5.6)           | 10.6 (0.04)         |

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

| Country        |   | Never or Almost Never |                | About Monthly       |                | About Weekly        |                |
|----------------|---|-----------------------|----------------|---------------------|----------------|---------------------|----------------|
|                |   | Percent of Students   | Average Growth | Percent of Students | Average Growth | Percent of Students | Average Growth |
| Jordan         | r | 56 (1.2)              | 13 (2.9)       | 21 (0.7)            | 9 (3.4)        | 23 (1.1)            | -1 (3.9)       |
| Korea, Rep. of |   | 85 (0.8)              | 9 (1.7)        | 13 (0.7)            | 9 (2.3)        | 2 ~                 | ~ ~            |
| Sweden         | r | 75 (1.0)              | 11 (1.9)       | 18 (0.8)            | 6 (3.9)        | 7 (0.5)             | -13 (4.6)      |

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**Exhibit 6.1.11b: 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 |                     |
| <b>Jordan</b>         |                       |                     |                     |                     |                     |                     |                     |
| Grade 8               | 52 (1.1)              | 449 (3.6)           | 23 (0.7)            | 413 (4.1)           | 26 (1.0)            | 364 (4.5)           | 9.5 (0.05)          |
| Grade 9               | 56 (1.2)              | 453 (3.0)           | 21 (0.7)            | 415 (3.9)           | 23 (1.1)            | 367 (5.2)           | 9.7 (0.06)          |
| <b>Korea, Rep. of</b> |                       |                     |                     |                     |                     |                     |                     |
| Grade 8               | 82 (0.7)              | 550 (2.1)           | 16 (0.6)            | 535 (3.7)           | 3 (0.3)             | 472 (11.1)          | 11.0 (0.03)         |
| Grade 9               | 85 (0.8)              | 559 (2.3)           | 13 (0.7)            | 553 (5.1)           | 2 ~                 | ~ ~                 | 11.1 (0.04)         |
| <b>Sweden</b>         |                       |                     |                     |                     |                     |                     |                     |
| Grade 8               | 71 (1.1)              | 534 (3.0)           | 21 (1.0)            | 515 (4.3)           | 7 (0.5)             | 471 (6.6)           | 10.4 (0.04)         |
| Grade 9               | 75 (1.0)              | 547 (3.5)           | 18 (0.8)            | 527 (4.6)           | 7 (0.5)             | 447 (8.8)           | 10.6 (0.04)         |

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