

**Exhibit 7.5: Student Bullying**

*Reported by Students*

Students were scored according to their responses to how often they experienced eight bullying behaviors on the *Student Bullying* scale. Students bullied **Almost Never** had a score on the scale of at least 9.6, which corresponds to “never” experiencing four of the eight 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 8.0, which corresponds to their experiencing each of four of the eight 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 |                     |
| Korea, Rep. of        | 76 (1.0)            | 588 (2.1)           | 20 (0.8)            | 594 (3.4)           | 4 (0.4)             | 589 (6.2)           | 11.0 (0.05)         |
| Kazakhstan            | 75 (1.1)            | 554 (4.5)           | 18 (0.8)            | 544 (7.4)           | 7 (0.6)             | 526 (7.7)           | 11.1 (0.07)         |
| Ireland               | 73 (1.2)            | 535 (2.7)           | 20 (1.0)            | 522 (3.6)           | 6 (0.4)             | 485 (7.5)           | 10.8 (0.06)         |
| Croatia               | 73 (1.2)            | 537 (2.2)           | 19 (0.9)            | 526 (3.4)           | 8 (0.6)             | 519 (5.2)           | 10.8 (0.06)         |
| Georgia               | 73 (1.1)            | 462 (3.3)           | 18 (0.7)            | 449 (5.2)           | 9 (0.7)             | 409 (8.5)           | 10.8 (0.05)         |
| Serbia                | 73 (1.0)            | 529 (4.1)           | 19 (0.9)            | 529 (4.9)           | 8 (0.5)             | 493 (6.6)           | 10.9 (0.05)         |
| Poland                | 73 (1.0)            | 552 (2.5)           | 19 (0.8)            | 544 (3.8)           | 8 (0.5)             | 516 (5.4)           | 10.7 (0.05)         |
| Finland               | 71 (1.2)            | 558 (2.4)           | 22 (0.9)            | 550 (3.3)           | 7 (0.5)             | 530 (5.5)           | 10.5 (0.05)         |
| Norway (5)            | 70 (1.3)            | 542 (2.5)           | 23 (1.0)            | 533 (3.5)           | 7 (0.6)             | 518 (6.3)           | 10.5 (0.05)         |
| Japan                 | 68 (1.3)            | 572 (1.8)           | 23 (1.0)            | 567 (2.8)           | 8 (0.6)             | 548 (5.5)           | 10.6 (0.05)         |
| France                | 65 (1.2)            | 492 (2.7)           | 26 (1.0)            | 484 (3.7)           | 8 (0.6)             | 463 (6.9)           | 10.4 (0.05)         |
| Sweden                | 65 (1.3)            | 548 (3.1)           | 28 (1.1)            | 534 (4.9)           | 7 (0.5)             | 502 (7.7)           | 10.3 (0.05)         |
| Northern Ireland      | 64 (1.5)            | 524 (2.7)           | 27 (1.1)            | 520 (3.6)           | 10 (0.7)            | 496 (5.3)           | 10.3 (0.06)         |
| Chile                 | 60 (1.3)            | 487 (3.0)           | 24 (0.9)            | 479 (3.3)           | 16 (0.8)            | 447 (5.1)           | 10.1 (0.06)         |
| Czech Republic        | 60 (1.1)            | 539 (2.5)           | 28 (0.9)            | 534 (3.4)           | 12 (0.7)            | 513 (4.8)           | 10.2 (0.05)         |
| Netherlands           | 59 (1.4)            | 523 (2.8)           | 31 (0.9)            | 513 (3.4)           | 10 (0.9)            | 496 (4.6)           | 10.0 (0.05)         |
| Hungary               | 58 (1.3)            | 554 (3.1)           | 31 (1.1)            | 536 (3.7)           | 11 (0.7)            | 500 (9.6)           | 10.0 (0.05)         |
| Chinese Taipei        | 58 (1.1)            | 560 (2.0)           | 29 (1.0)            | 551 (2.6)           | 13 (0.7)            | 546 (4.2)           | 10.1 (0.04)         |
| Denmark               | 58 (1.2)            | 532 (2.3)           | 32 (0.9)            | 526 (2.7)           | 10 (0.7)            | 509 (4.9)           | 10.0 (0.05)         |
| Slovenia              | 58 (1.0)            | 548 (2.6)           | 29 (0.9)            | 544 (3.2)           | 14 (0.8)            | 520 (3.8)           | 10.0 (0.05)         |
| Turkey                | 57 (1.1)            | 500 (3.4)           | 28 (0.8)            | 481 (3.9)           | 14 (0.7)            | 431 (6.0)           | 10.1 (0.05)         |
| Germany               | 57 (1.3)            | 540 (2.6)           | 30 (0.9)            | 531 (2.9)           | 13 (0.7)            | 503 (4.9)           | 10.0 (0.05)         |
| Slovak Republic       | 57 (1.1)            | 530 (3.1)           | 30 (0.8)            | 515 (3.6)           | 13 (0.7)            | 495 (6.6)           | 10.1 (0.06)         |
| Portugal              | 57 (1.0)            | 512 (2.3)           | 29 (0.9)            | 508 (2.6)           | 15 (0.9)            | 495 (3.7)           | 10.0 (0.04)         |
| Lithuania             | 56 (1.3)            | 541 (2.8)           | 31 (1.0)            | 520 (2.9)           | 13 (0.7)            | 491 (5.2)           | 9.9 (0.05)          |
| United States         | 56 (0.8)            | 555 (2.4)           | 29 (0.5)            | 547 (2.4)           | 15 (0.5)            | 518 (3.5)           | 9.9 (0.04)          |
| Cyprus                | 55 (1.2)            | 494 (2.5)           | 29 (1.0)            | 479 (3.0)           | 16 (0.8)            | 457 (4.1)           | 9.9 (0.06)          |
| Hong Kong SAR         | 54 (1.4)            | 560 (3.1)           | 32 (1.1)            | 556 (3.8)           | 14 (0.9)            | 545 (5.3)           | 9.9 (0.05)          |
| England               | 54 (1.3)            | 542 (2.9)           | 31 (1.1)            | 535 (3.6)           | 15 (0.8)            | 516 (4.6)           | 9.8 (0.05)          |
| Bulgaria              | 54 (1.9)            | 552 (5.9)           | 30 (1.1)            | 530 (5.8)           | 16 (1.1)            | 502 (9.0)           | 9.9 (0.08)          |
| Canada                | 53 (0.9)            | 534 (2.4)           | 30 (0.6)            | 527 (2.6)           | 17 (0.8)            | 500 (4.2)           | 9.7 (0.04)          |
| Russian Federation    | 51 (1.3)            | 573 (2.9)           | 33 (0.9)            | 568 (4.2)           | 16 (0.6)            | 552 (5.1)           | 9.8 (0.05)          |
| Italy                 | 50 (1.0)            | 521 (2.9)           | 35 (0.9)            | 516 (3.0)           | 15 (0.7)            | 507 (4.9)           | 9.6 (0.04)          |
| Iran, Islamic Rep. of | 49 (1.8)            | 425 (5.0)           | 32 (1.1)            | 429 (5.1)           | 19 (1.3)            | 406 (8.7)           | 9.7 (0.07)          |
| Spain                 | 48 (1.0)            | 525 (2.8)           | 33 (0.6)            | 518 (2.8)           | 19 (0.8)            | 504 (3.7)           | 9.6 (0.05)          |
| Kuwait                | 47 (1.2)            | 348 (5.4)           | 31 (1.0)            | 344 (8.0)           | 21 (1.0)            | 311 (11.6)          | 9.7 (0.06)          |
| Saudi Arabia          | 47 (1.7)            | 421 (5.9)           | 27 (1.1)            | 394 (5.7)           | 26 (1.3)            | 352 (6.2)           | 9.5 (0.08)          |
| Singapore             | 47 (0.9)            | 603 (3.4)           | 34 (0.6)            | 591 (3.9)           | 19 (0.7)            | 559 (5.4)           | 9.5 (0.03)          |
| Belgium (Flemish)     | 47 (1.3)            | 514 (2.4)           | 36 (0.9)            | 516 (2.9)           | 17 (0.8)            | 497 (3.7)           | 9.6 (0.05)          |
| Australia             | 45 (1.3)            | 533 (3.3)           | 36 (1.1)            | 525 (2.9)           | 20 (1.1)            | 502 (5.3)           | 9.4 (0.05)          |
| Morocco               | 44 (1.7)            | 374 (5.9)           | 35 (1.3)            | 355 (6.0)           | 21 (1.0)            | 322 (8.5)           | 9.4 (0.07)          |
| Indonesia             | 43 (1.4)            | 402 (5.4)           | 31 (1.0)            | 403 (5.7)           | 26 (1.2)            | 391 (7.3)           | 9.4 (0.07)          |
| Qatar                 | 43 (1.2)            | 460 (4.0)           | 28 (0.8)            | 448 (5.5)           | 28 (1.0)            | 398 (5.3)           | 9.3 (0.06)          |
| United Arab Emirates  | 43 (1.0)            | 475 (3.1)           | 31 (0.5)            | 459 (3.4)           | 26 (0.8)            | 409 (4.2)           | 9.4 (0.05)          |
| Oman                  | 42 (1.6)            | 444 (4.1)           | 33 (1.0)            | 438 (4.2)           | 25 (1.0)            | 405 (4.4)           | 9.4 (0.06)          |
| New Zealand           | 40 (1.0)            | 516 (3.3)           | 36 (0.7)            | 511 (3.3)           | 24 (0.7)            | 484 (3.4)           | 9.2 (0.04)          |
| Bahrain               | 34 (0.9)            | 481 (3.5)           | 33 (1.0)            | 464 (3.7)           | 34 (1.0)            | 436 (4.4)           | 9.0 (0.04)          |
| International Avg.    | 57 (0.2)            | 515 (0.5)           | 28 (0.1)            | 506 (0.6)           | 15 (0.1)            | 481 (0.9)           |                     |

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

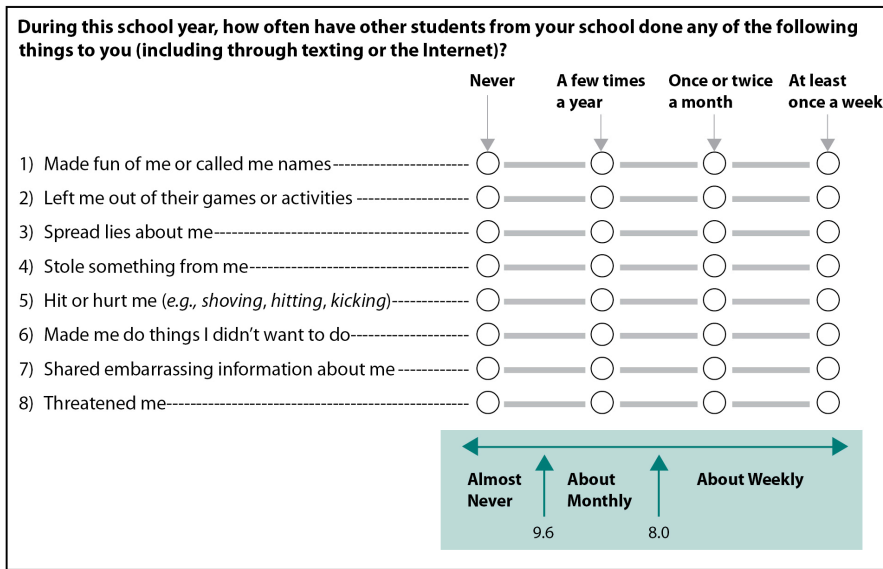
This TIMSS questionnaire scale was established in 2015 based on the combined response distribution of all countries that participated in TIMSS 2015. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of 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.

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

**Exhibit 7.5: 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 |                     |
| <b>Benchmarking Participants</b> |                     |                     |                     |                     |                     |                     |                     |
| Norway (4)                       | 70 (1.2)            | 499 (2.0)           | 21 (0.9)            | 488 (3.8)           | 9 (0.6)             | 461 (6.4)           | 10.6 (0.05)         |
| Florida, US                      | 56 (1.6)            | 562 (5.7)           | 28 (1.1)            | 543 (5.2)           | 16 (1.0)            | 520 (6.5)           | 10.0 (0.07)         |
| Quebec, Canada                   | 54 (1.6)            | 531 (4.0)           | 31 (1.1)            | 526 (4.9)           | 14 (1.2)            | 500 (7.2)           | 9.9 (0.07)          |
| Ontario, Canada                  | 52 (1.3)            | 539 (2.7)           | 31 (0.8)            | 531 (3.2)           | 17 (1.2)            | 508 (4.4)           | 9.7 (0.05)          |
| Buenos Aires, Argentina          | 49 (1.4)            | 432 (5.2)           | 29 (1.1)            | 427 (7.0)           | 22 (0.9)            | 407 (5.5)           | 9.6 (0.06)          |
| Dubai, UAE                       | 46 (1.3)            | 534 (2.6)           | 32 (0.9)            | 524 (2.7)           | 22 (1.0)            | 481 (4.1)           | 9.5 (0.06)          |
| Abu Dhabi, UAE                   | 39 (2.0)            | 442 (7.4)           | 31 (1.0)            | 427 (6.9)           | 30 (1.6)            | 373 (7.7)           | 9.1 (0.10)          |



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