

Exhibit 9.15: Frequency of Student Absences

Reported by Students

| Country | Never or Almost Never | | Once a Month | | Once Every Two Weeks | | Once a Week or More | |
|-----------------------|-----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|
| | Percent of Students | Average Achievement | Percent of Students | Average Achievement | Percent of Students | Average Achievement | Percent of Students | Average Achievement |
| Korea, Rep. of | 93 (0.5) | 592 (2.1) | 5 (0.4) | 558 (5.4) | 1 (0.2) | ~ ~ | 1 (0.2) | ~ ~ |
| Portugal | 87 (0.6) | 511 (2.4) | 6 (0.4) | 499 (4.5) | 2 (0.2) | ~ ~ | 5 (0.4) | 477 (5.6) |
| Spain | 86 (0.7) | 523 (2.4) | 7 (0.5) | 511 (5.5) | 2 (0.2) | ~ ~ | 5 (0.4) | 468 (7.3) |
| Belgium (Flemish) | 85 (0.8) | 517 (2.3) | 9 (0.5) | 488 (4.0) | 1 (0.2) | ~ ~ | 5 (0.4) | 473 (4.4) |
| Chinese Taipei | 83 (0.7) | 561 (1.7) | 11 (0.5) | 547 (4.6) | 1 (0.2) | ~ ~ | 5 (0.4) | 496 (6.8) |
| France | 83 (0.8) | 492 (2.8) | 9 (0.6) | 482 (4.4) | 2 (0.3) | ~ ~ | 5 (0.5) | 446 (7.3) |
| Germany | 82 (0.8) | 538 (2.2) | 10 (0.7) | 523 (5.4) | 3 (0.3) | 511 (11.3) | 5 (0.4) | 472 (6.8) |
| Russian Federation | 81 (0.9) | 572 (3.1) | 12 (0.6) | 560 (4.8) | 3 (0.3) | 539 (10.1) | 5 (0.4) | 529 (6.0) |
| Hong Kong SAR | 80 (0.8) | 562 (3.0) | 14 (0.8) | 543 (5.7) | 2 (0.3) | ~ ~ | 3 (0.3) | 490 (8.4) |
| Netherlands | 80 (0.9) | 521 (2.5) | 12 (0.6) | 512 (5.3) | 2 (0.3) | ~ ~ | 6 (0.5) | 483 (5.6) |
| Japan | 79 (0.8) | 577 (1.8) | 12 (0.6) | 551 (4.0) | 6 (0.5) | 527 (5.3) | 3 (0.3) | 524 (7.3) |
| Lithuania | 79 (0.8) | 532 (2.8) | 12 (0.6) | 527 (4.0) | 4 (0.3) | 512 (10.1) | 5 (0.4) | 485 (6.3) |
| Singapore | 76 (0.8) | 607 (3.3) | 14 (0.5) | 571 (4.2) | 3 (0.2) | 512 (8.4) | 8 (0.6) | 489 (7.2) |
| Norway (5) | 76 (0.8) | 543 (2.6) | 15 (0.6) | 533 (3.7) | 3 (0.3) | 511 (6.6) | 5 (0.3) | 499 (6.8) |
| England | 75 (0.9) | 543 (2.5) | 16 (0.7) | 534 (4.1) | 3 (0.3) | 507 (7.1) | 6 (0.5) | 479 (5.2) |
| Cyprus | 73 (1.0) | 493 (2.4) | 18 (0.8) | 469 (3.2) | 3 (0.3) | 446 (6.9) | 5 (0.4) | 432 (7.6) |
| Northern Ireland | 73 (1.2) | 528 (2.2) | 16 (0.9) | 517 (3.8) | 3 (0.3) | 494 (7.5) | 7 (0.5) | 458 (5.7) |
| Sweden | 71 (1.0) | 544 (3.6) | 21 (1.0) | 544 (4.5) | 4 (0.5) | 517 (6.9) | 4 (0.4) | 478 (9.7) |
| Croatia | 70 (1.0) | 539 (2.0) | 22 (0.9) | 533 (3.3) | 3 (0.3) | 494 (8.3) | 5 (0.4) | 490 (7.9) |
| United States | 70 (0.7) | 556 (2.2) | 18 (0.5) | 545 (3.0) | 4 (0.2) | 519 (6.0) | 9 (0.4) | 490 (3.8) |
| Italy | 70 (1.0) | 523 (2.9) | 16 (0.6) | 516 (3.8) | 5 (0.4) | 498 (5.6) | 9 (0.7) | 479 (5.0) |
| Ireland | 70 (1.2) | 537 (2.4) | 20 (0.9) | 527 (3.5) | 4 (0.5) | 503 (7.9) | 6 (0.5) | 461 (6.2) |
| Canada | 68 (0.6) | 534 (2.4) | 18 (0.4) | 530 (3.0) | 6 (0.3) | 510 (6.2) | 9 (0.4) | 466 (5.3) |
| Slovenia | 68 (1.0) | 551 (2.3) | 18 (0.7) | 540 (3.9) | 4 (0.4) | 524 (7.7) | 10 (0.6) | 504 (6.2) |
| Serbia | 66 (1.3) | 536 (3.2) | 20 (1.4) | 528 (4.9) | 6 (0.4) | 502 (7.0) | 8 (1.7) | 446 (18.1) |
| Chile | 66 (1.0) | 484 (3.0) | 12 (0.6) | 487 (4.5) | 7 (0.4) | 474 (5.3) | 15 (0.7) | 451 (4.8) |
| Poland | 65 (1.0) | 557 (2.4) | 20 (0.8) | 548 (3.5) | 6 (0.4) | 524 (7.3) | 10 (0.5) | 499 (4.9) |
| Denmark | 64 (1.2) | 535 (2.3) | 17 (0.8) | 519 (3.4) | 4 (0.3) | 512 (7.1) | 15 (0.8) | 508 (4.2) |
| Australia | 63 (1.1) | 533 (2.9) | 23 (1.0) | 531 (3.7) | 5 (0.4) | 489 (6.2) | 8 (0.5) | 463 (5.4) |
| Turkey | 63 (1.1) | 501 (3.2) | 21 (0.8) | 476 (3.7) | 7 (0.4) | 445 (7.7) | 9 (0.8) | 425 (8.1) |
| Oman | 62 (1.0) | 448 (3.3) | 17 (0.8) | 422 (5.0) | 5 (0.3) | 383 (7.6) | 15 (0.6) | 402 (4.6) |
| Bulgaria | 62 (1.2) | 557 (5.3) | 16 (0.8) | 526 (8.1) | 12 (0.7) | 509 (10.0) | 10 (0.6) | 471 (9.0) |
| Morocco | 61 (1.5) | 371 (5.1) | 22 (1.4) | 352 (7.4) | 7 (0.5) | 299 (10.5) | 9 (0.7) | 319 (10.8) |
| Iran, Islamic Rep. of | 61 (1.6) | 433 (4.4) | 21 (1.0) | 424 (5.9) | 7 (0.6) | 392 (10.6) | 11 (0.8) | 382 (9.0) |
| Kazakhstan | 61 (1.2) | 560 (5.1) | 21 (0.9) | 543 (5.0) | 8 (0.5) | 529 (6.3) | 11 (0.7) | 522 (6.6) |
| Bahrain | 57 (1.0) | 478 (3.1) | 19 (0.7) | 464 (4.1) | 7 (0.4) | 418 (8.6) | 17 (0.7) | 412 (4.5) |
| United Arab Emirates | 57 (0.6) | 476 (2.6) | 18 (0.5) | 456 (4.1) | 7 (0.3) | 389 (5.7) | 18 (0.5) | 398 (4.2) |
| Qatar | 56 (1.1) | 462 (4.0) | 18 (0.7) | 437 (5.1) | 8 (0.5) | 379 (7.5) | 18 (0.8) | 385 (6.9) |
| Finland | 55 (1.1) | 560 (2.6) | 37 (0.9) | 552 (2.8) | 4 (0.4) | 543 (6.2) | 4 (0.3) | 505 (8.5) |
| Kuwait | 53 (1.2) | 359 (7.7) | 20 (1.1) | 335 (8.5) | 9 (0.6) | 303 (8.4) | 18 (0.9) | 303 (7.9) |
| Czech Republic | 50 (1.1) | 545 (2.4) | 34 (0.9) | 536 (2.7) | 8 (0.5) | 515 (7.1) | 8 (0.5) | 484 (5.4) |
| Hungary | 47 (1.2) | 565 (2.8) | 38 (1.0) | 540 (3.3) | 6 (0.5) | 492 (8.9) | 9 (0.6) | 469 (6.9) |
| Georgia | 44 (1.1) | 470 (4.3) | 30 (1.0) | 450 (4.6) | 12 (0.7) | 435 (6.4) | 14 (0.7) | 422 (6.3) |
| Saudi Arabia | 43 (1.2) | 412 (4.7) | 22 (0.9) | 402 (5.2) | 13 (0.7) | 374 (9.5) | 22 (0.9) | 364 (7.2) |
| Slovak Republic | 41 (0.9) | 539 (3.0) | 37 (0.8) | 527 (3.3) | 9 (0.5) | 493 (6.9) | 13 (0.7) | 466 (5.6) |
| Indonesia | 41 (1.4) | 406 (5.7) | 17 (0.9) | 408 (6.9) | 10 (0.7) | 375 (9.6) | 33 (1.2) | 390 (5.5) |
| New Zealand | -- | -- | -- | -- | -- | -- | -- | -- |
| International Avg. | 67 (0.1) | 517 (0.5) | 18 (0.1) | 503 (0.7) | 5 (0.1) | 471 (1.3) | 9 (0.1) | 457 (1.1) |

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

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

Exhibit 9.15: Frequency of Student Absences (Continued)

| Country | Never or Almost Never | | Once a Month | | Once Every Two Weeks | | Once a Week or More | |
|----------------------------------|-----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|
| | Percent of Students | Average Achievement | Percent of Students | Average Achievement | Percent of Students | Average Achievement | Percent of Students | Average Achievement |
| Benchmarking Participants | | | | | | | | |
| Quebec, Canada | 76 (1.1) | 529 (4.1) | 15 (0.8) | 528 (6.2) | 4 (0.5) | 512 (8.3) | 5 (0.6) | 473 (8.4) |
| Norway (4) | 75 (0.8) | 497 (2.3) | 13 (0.6) | 494 (4.4) | 3 (0.3) | 490 (11.0) | 9 (0.6) | 466 (4.5) |
| Florida, US | 68 (1.1) | 557 (4.3) | 15 (0.8) | 555 (7.5) | 6 (0.6) | 531 (12.2) | 11 (0.8) | 501 (7.5) |
| Ontario, Canada | 65 (0.7) | 538 (2.7) | 20 (0.6) | 534 (3.4) | 6 (0.4) | 524 (5.1) | 9 (0.5) | 476 (5.2) |
| Dubai, UAE | 63 (0.9) | 532 (2.1) | 18 (0.8) | 523 (4.8) | 5 (0.3) | 473 (6.1) | 13 (0.6) | 466 (4.1) |
| Buenos Aires, Argentina | 63 (1.0) | 431 (5.3) | 14 (0.9) | 426 (8.2) | 8 (0.5) | 399 (8.7) | 15 (0.9) | 391 (6.3) |
| Abu Dhabi, UAE | 53 (1.5) | 450 (5.4) | 18 (0.8) | 414 (7.7) | 8 (0.6) | 347 (8.0) | 21 (1.0) | 360 (6.9) |

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