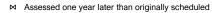
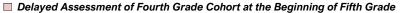
Exhibit A.4: Student Sample Sizes

Assessed Fourth Grade Students at the End of the School Year







| Country | Within-School Student Participation (Weighted Percentage) | Number of Students Sampled in Participating Schools | Number of Students Withdrawn from Class/School | Number of Students Excluded | Number of Students Eligible | Number of Students Absent | Number of Students Assessed |
|---------------------------------|---|---|---|-----------------------------------|-----------------------------------|------------------------------|-----------------------------------|
| Albania | 95% | 4,539 | 26 | 55 | 4,458 | 245 | 4,213 |
| Australia ⋈ | 92% | 6,333 | 196 | 177 | 5,960 | 473 | 5,487 |
| Austria | 96% | 5,201 | 28 | 192 | 4,981 | 175 | 4,806 |
| Azerbaijan | 92% | 5,753 | 41 | 23 | 5,689 | 480 | 5,209 |
| Bahrain | 91% | 5,786 | 136 | 22 | 5,628 | 420 | 5,208 |
| Belgium (Flemish) | 96% | 5,479 | 42 | 104 | 5,333 | 219 | 5,114 |
| Belgium (French) | 95% | 4,595 | 12 | 80 | 4,503 | 224 | 4,279 |
| Brazil ⋈ | 86% | 6,314 | 330 | 158 | 5,826 | 885 | 4,941 |
| Bulgaria | 92% | 4,584 | 59 | 105 | 4,420 | 377 | 4,043 |
| Chinese Taipei | 98% | 5,737 5,020 | 39 137 | 55 134 | 5,643 | 88 812 | 5,555 |
| Croatia Cyprus | 95% | 5,020 | 9 | 213 | 4,749 4,822 | 233 | 3,937 4,589 |
| Czech Republic | 91% | 7,353 | 41 | 93 | 7,219 | 598 | 6,621 |
| Denmark | 94% | 5,466 | 53 | 289 | 5,124 | 303 | 4,821 |
| Egypt | 94% | 8,681 | 142 | 0 | 8,539 | 560 | 7,979 |
| England ⋈ | 92% | 4,682 | 5 | 156 | 4,521 | 371 | 4,150 |
| Finland | 97% | 7,368 | 33 | 67 | 7,268 | 250 | 7,018 |
| France | 94% | 5,879 | 65 | 155 | 5,659 | 320 | 5,339 |
| Georgia | 94% | 5,808 | 92 | 79 | 5,637 | 396 | 5,241 |
| Germany | 88% | 5,296 | 12 | 71 | 5,213 | 602 | 4,611 |
| Hong Kong SAR | 91% | 4,518 | 238 | 33 | 4,247 | 417 | 3,830 |
| Hungary | 95% | 5,813 | 97 | 102 | 5,614 | 302 | 5,312 |
| Iran, Islamic Rep. of ⋈ | 97% | 6,262 | 79 | 6 | 6,177 | 215 | 5,962 |
| Ireland | 94% | 5,160 | 130 | 53 | 4,977 | 314 | 4,663 |
| Israel ⋈ | 89% | 5,591 | 26 | 37 | 5,528 | 638 | 4,890 |
| Italy | 94% | 6,149 | 25 | 313 | 5,811 | 371 | 5,440 |
| Jordan | 96% | 6,776 | 290 | 98 | 6,388 | 238 | 6,150 |
| Kazakhstan | 97% | 7,666 | 299 | 121 | 7,246 | 223 | 7,023 |
| Kosovo | 97% | 4,874 | 38 | 113 | 4,723 | 166 | 4,557 |
| Latvia | 91% | 4,903 | 38 | 13 | 4,852 | 483 | 4,369 |
| Lithuania | 87% | 5,451 | 7 | 131 | 5,313 | 690 | 4,623 |
| Macao SAR | 92% | 5,685 | 19 | 144 | 5,522 | 429 | 5,093 |
| Malta | 90% | 3,475 | 15 | 79 | 3,381 | 351 | 3,030 |
| Montenegro | 95% | 4,972 | 22 | 202 | 4,748 | 259 | 4,489 |
| Morocco | 96% | 8,121 | 749 | 0 | 7,372 | 355 | 7,017 |
| Netherlands | 95% | 4,604 | 23 | 42 | 4,539 | 226 | 4,313 |
| New Zealand | 91% | 6,392 | 82 | 150 | 6,160 | 603 | 5,557 |
| North Macedonia | 89% | 3,323 | 8 | 31 | 3,284 | 355 | 2,929 |
| Northern Ireland | 90% | 4,698 5,819 | 42 58 | 150 113 | 4,506 5,648 | 456 266 | 4,050 5,382 |
| Norway (5) Oman | 89% | 6,183 | 123 | 59 | 6,001 | 680 | 5,362 |
| Poland | 87% | 5,086 | 51 | 159 | 4,876 | 697 | 4,179 |
| Portugal | 96% | 6,791 | 75 | 324 | 6,392 | 281 | 6,111 |
| Qatar | 89% | 6,161 | 228 | 77 | 5,856 | 598 | 5,258 |
| Russian Federation | 97% | 5,585 | 13 | 168 | 5,404 | 187 | 5,217 |
| Saudi Arabia | 93% | 5,293 | 136 | 28 | 5,129 | 351 | 4,778 |
| Serbia | 87% | 4,870 | 25 | 146 | 4,699 | 662 | 4,037 |
| Singapore | 97% | 6,921 | 21 | 0 | 6,900 | 181 | 6,719 |
| Slovak Republic | 92% | 5,303 | 27 | 23 | 5,253 | 412 | 4,841 |
| Slovenia | 95% | 5,456 | 6 | 67 | 5,383 | 273 | 5,110 |
| South Africa ⋈ | 87% | 14,833 | 210 | 47 | 14,576 | 2,150 | 12,422 |
| Spain | 92% | 9,539 | 20 | 277 | 9,242 | 691 | 8,551 |
| Sweden | 93% | 5,822 | 48 | 207 | 5,567 | 392 | 5,175 |
| Turkiye | 90% | 7,621 | 361 | 466 | 6,794 | 762 | 6,032 |
| United Arab Emirates | 91% | 31,032 | 436 | 575 | 30,021 | 2,573 | 27,448 |
| United States | 95% | 1,826 | 22 | 64 | 1,740 | 83 | 1,657 |
| Uzbekistan | 99% | 5,986 | 33 | 22 | 5,931 | 85 | 5,846 |
| chmarking Participants | | | | | | | |
| Alberta, Canada | 91% | 3,492 | 41 | 146 | 3,305 | 285 | 3,020 |
| British Columbia, Canada | 91% | 5,546 | 91 | 304 | 5,151 | 476 | 4,675 |
| Newfoundland & Labrador, Canada | 93% | 2,806 | 25 | 153 | 2,628 | 183 | 2,445 |
| Quebec, Canada | 95% | 4,015 | 12 | 51 | 3,952 | 213 | 3,739 |
| Moscow City, Russian Federation | 98% | 6,048 | 25 | 127 | 5,896 | 151 | 5,745 |
| South Africa (6) ⋈ | 90% | 10,776 | 199 | 0 | 10,577 | 1,260 | 9,317 |
| Abu Dhabi, UAE | 89% | 11,864 | 74 | 224 | 11,566 | 1,185 | 10,381 |
| Dubai, UAE | 92% | 8,978 | 329 | 211 | 8,438 | 727 | 7,711 |

Students attending a sampled class at the time the sample was chosen but leaving the class before the assessment was administered were classified as "withdrawn."

Students with a disability or language barrier that prevented them from participating in the assessment were classified as "excluded."

Students not present when the assessment was administered, and not subsequently assessed in a make-up session, were classified as "absent."

