## About the Scale

Exhibit 12.5 reports the percentage of students whose teachers responded "mostly taught before this year" or "mostly taught this year," averaged across topics.

Choose the response that best describes when students in this class have been taught each topic.


The exhibit reports the percentage of students whose teachers responded "mostly taught before this year" or "mostly taught this year," averaged across topics.

| Country |  | All Mathematics <br> (17 Topics) |  | Number <br> (7 Topics) |  | Measurement and Geometry (7 Topics) |  | Data <br> (3 Topics) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Albania |  | 84 (1.0) |  | 87 (0.6) |  | 86 (1.4) |  | 73 (2.9) |
| Armenia |  | 81 (1.3) |  | 83 (0.8) |  | 78 (1.8) |  | 82 (2.9) |
| Australia |  | 89 (0.9) |  | 93 (0.9) |  | 84 (1.4) |  | 92 (1.5) |
| Austria |  | 78 (0.9) |  | 79 (1.0) |  | 75 (1.4) |  | 84 (2.0) |
| Azerbaijan |  | 97 (0.4) |  | 97 (0.5) |  | 96 (0.6) |  | 98 (0.8) |
| Bahrain |  | 89 (0.6) |  | 90 (0.7) |  | 87 (0.7) |  | 90 (1.2) |
| Belgium (Flemish) |  | 78 (1.0) |  | 93 (0.9) |  | 63 (1.3) |  | 76 (2.4) |
| Bosnia and Herzegovina |  | 65 (0.9) |  | 70 (0.9) |  | 66 (1.2) |  | 51 (3.0) |
| Bulgaria |  | 67 (0.8) |  | 71 (0.4) |  | 66 (1.1) |  | 60 (3.2) |
| Canada | r | 82 (0.8) | r | 86 (0.9) | r | 76 (1.0) | r | 89 (1.3) |
| Chile |  | 81 (1.1) |  | 88 (1.0) |  | 78 (1.8) |  | 73 (3.4) |
| Chinese Taipei |  | 84 (1.0) |  | 83 (1.1) |  | 84 (1.3) |  | 88 (1.9) |
| Croatia |  | 71 (1.1) |  | 71 (0.8) |  | 81 (1.4) |  | 46 (3.5) |
| Cyprus |  | 89 (1.1) |  | 92 (0.8) |  | 86 (1.8) |  | 87 (1.9) |
| Czech Republic |  | 71 (0.9) |  | 79 (0.6) |  | 67 (1.0) |  | 60 (3.0) |
| Denmark | r | 77 (1.1) | $r$ | 84 (1.3) | r | 75 (1.5) | r | 62 (2.8) |
| Finland |  | 77 (1.0) |  | 93 (0.8) |  | 69 (1.5) |  | 58 (2.5) |
| France |  | 79 (1.0) |  | 81 (0.9) |  | 78 (1.2) |  | 74 (2.7) |
| Georgia |  | 74 (1.3) |  | 75 (1.2) |  | 65 (2.1) |  | 92 (1.9) |
| Germany |  | 77 (1.0) |  | 75 (1.1) |  | 75 (1.3) |  | 86 (2.2) |
| Hong Kong SAR |  | 89 (0.8) |  | 95 (0.8) |  | 84 (1.3) |  | 89 (2.6) |
| Hungary |  | 81 (1.0) |  | 82 (0.6) |  | 82 (1.4) |  | 79 (2.7) |
| Iran, Islamic Rep. of |  | 80 (1.1) |  | 94 (0.8) |  | 74 (1.5) |  | 61 (3.1) |
| Ireland |  | 88 (0.8) |  | 94 (0.9) |  | 81 (1.4) |  | 92 (1.9) |
| Italy |  | 79 (0.9) |  | 89 (0.9) |  | 63 (1.3) |  | 90 (1.8) |
| Japan |  | 80 (1.2) |  | 82 (1.0) |  | 81 (1.4) |  | 71 (2.9) |
| Kazakhstan |  | 86 (1.0) |  | 85 (1.2) |  | 92 (0.9) |  | 71 (2.9) |
| Korea, Rep. of |  | 77 (1.0) |  | 84 (1.3) |  | 70 (1.1) |  | 77 (2.8) |
| Kosovo |  | 80 (1.0) |  | 75 (1.4) |  | 94 (0.8) |  | 58 (4.0) |
| Kuwait |  | 90 (1.0) |  | 95 (0.8) |  | 84 (1.7) |  | 92 (1.6) |
| Latvia |  | 79 (0.9) |  | 86 (0.8) |  | 75 (1.3) |  | 73 (2.5) |
| Lithuania |  | 89 (0.8) |  | 93 (0.8) |  | 82 (1.3) |  | 96 (1.3) |
| Malta |  | 78 (0.1) |  | 92 (0.1) |  | 61 (0.2) |  | 82 (0.3) |
| Montenegro |  | 74 (0.7) |  | 69 (0.5) |  | 75 (0.8) |  | 86 (1.6) |
| Morocco |  | 62 (1.2) |  | 66 (1.3) |  | 67 (1.4) |  | 39 (3.2) |
| Netherlands | r | 63 (1.3) | r | 79 (1.3) | $r$ | 40 (2.0) | r | 79 (2.8) |
| New Zealand |  | 83 (0.9) |  | 89 (0.7) |  | 74 (1.4) |  | 89 (1.6) |
| North Macedonia |  | 90 (0.9) |  | 95 (0.8) |  | 85 (1.4) |  | 90 (2.1) |
| Northern Ireland |  | 94 (0.8) |  | 98 (0.5) |  | 94 (1.1) |  | 87 (2.4) |
| Norway (5) | r | 70 (1.5) | $r$ | 77 (1.7) | r | 60 (2.2) | r | 78 (3.7) |
| Oman |  | 92 (0.6) |  | 94 (0.9) |  | 90 (0.8) |  | 92 (1.4) |
| Pakistan |  | 83 (2.2) |  | 94 (1.3) |  | 78 (3.6) |  | 66 (4.2) |
| Philippines |  | 93 (0.9) |  | 99 (0.7) |  | 93 (1.0) |  | 78 (3.0) |
| Poland |  | 68 (1.5) |  | 75 (1.6) |  | 73 (1.7) |  | 40 (3.7) |
| Portugal |  | 97 (0.3) |  | 98 (0.3) |  | 95 (0.7) |  | 99 (0.5) |
| Qatar |  | 74 (1.5) |  | 91 (0.9) |  | 60 (2.5) |  | 68 (3.2) |
| Russian Federation |  | 77 (0.9) |  | 75 (0.9) |  | 76 (1.2) |  | 85 (2.0) |
| Saudi Arabia |  | 89 (1.0) | r | 91 (1.0) | r | 85 (1.3) |  | 91 (1.6) |
| Serbia |  | 83 (1.1) |  | 81 (0.7) |  | 88 (1.3) |  | 75 (3.3) |
| Singapore |  | 93 (0.3) |  | 99 (0.2) |  | 87 (0.7) |  | 95 (0.7) |
| Slovak Republic |  | 65 (0.8) |  | 75 (0.6) |  | 50 (1.2) |  | 78 (2.0) |
| South Africa (5) |  | 88 (1.1) |  | 94 (1.0) |  | 79 (1.6) |  | 96 (1.2) |
| Spain |  | 76 (1.4) |  | 88 (1.1) |  | 61 (2.3) |  | 80 (2.6) |
| Sweden |  | 65 (1.5) |  | 72 (1.4) |  | 57 (2.4) |  | 68 (3.7) |
| Turkey (5) |  | 70 (1.4) |  | 80 (1.7) |  | 61 (1.9) |  | 68 (3.2) |
| United Arab Emirates | r | 84 (0.7) | r | 94 (0.8) | r | 74 (1.0) | $r$ | 84 (1.2) |
| United States |  | 85 (0.9) |  | 95 (0.5) |  | 76 (1.6) |  | 82 (1.8) |
| England | x | 88 (1.7) | x | 94 (1.3) | x | 83 (2.9) | X | 84 (3.7) |
| International Average |  | 80 (0.1) |  | 86 (0.1) |  | 76 (0.2) |  | 78 (0.3) |
| Benchmarking Participants |  |  |  |  |  |  |  |  |
| Ontario, Canada | r | 86 (1.1) | r | 84 (1.6) | $r$ | 81 (1.6) | $r$ | 98 (0.8) |
| Quebec, Canada |  | 89 (1.1) |  | 91 (1.0) |  | 88 (1.2) |  | 84 (3.3) |
| Moscow City, Russian Fed. |  | 77 (1.0) |  | 76 (1.1) |  | 73 (1.3) |  | 91 (1.9) |
| Madrid, Spain |  | 76 (1.2) |  | 93 (0.9) |  | 60 (2.4) |  | 72 (3.3) |
| Abu Dhabi, UAE | r | 80 (1.0) | r | 94 (0.6) | r | 69 (1.7) | $r$ | 75 (2.1) |
| Dubai, UAE | $r$ | 89 (0.7) | r | 93 (0.6) | r | 84 (1.2) | $r$ | 93 (0.9) |

( ) 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.
An " $x$ " indicates data are available for at least $40 \%$ but less than $50 \%$ of the students-interpret with caution.

