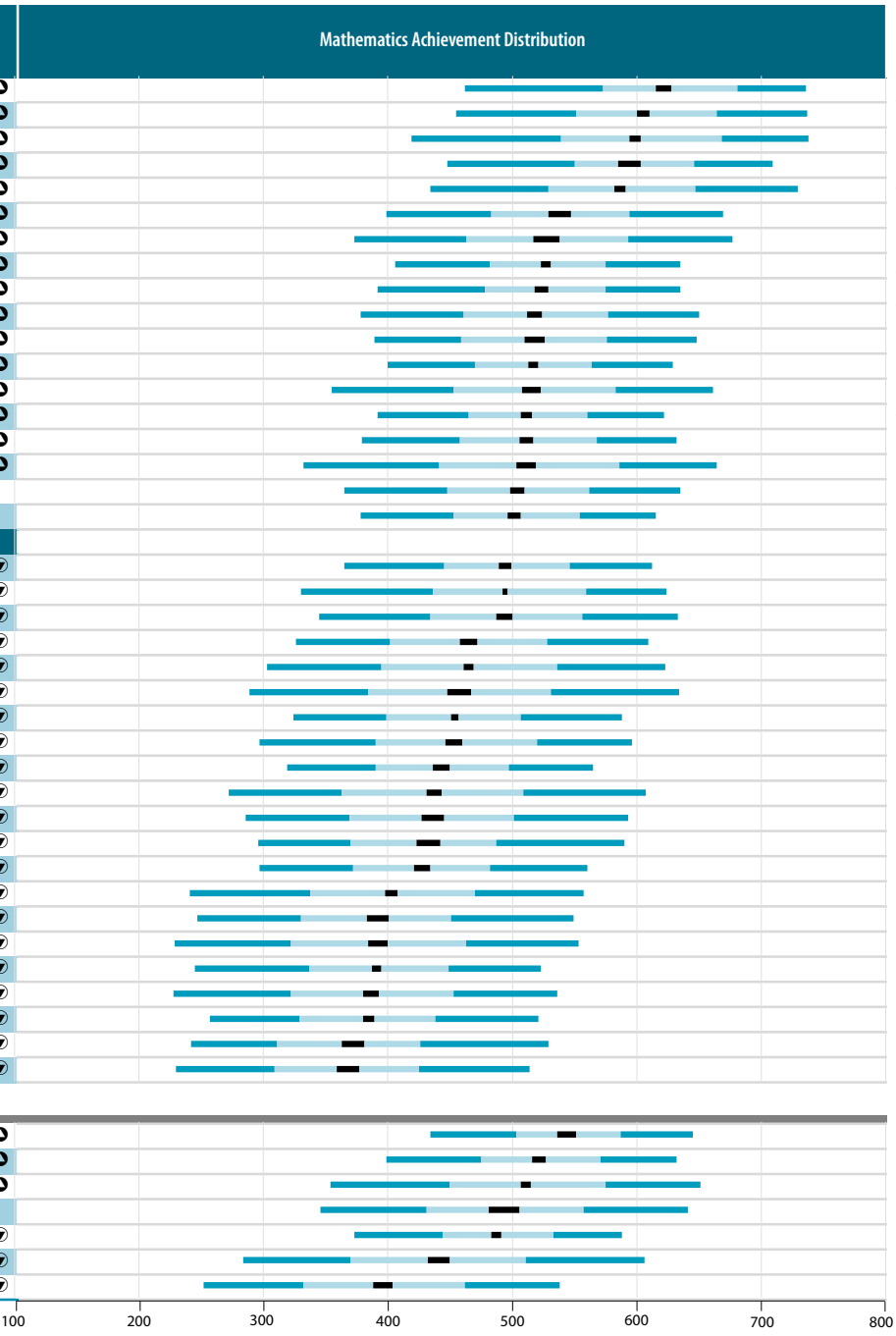
Exhibit 1.2: Distribution of Mathematics Achievement

Country	Average Scale Score
[2] Singapore	621 (3.2) ▲
Korea, Rep. of	606 (2.6) ▲
Chinese Taipei	599 (2.4) ▲
Hong Kong SAR	594 (4.6) ▲
Japan	586 (2.3) ▲
Russian Federation	538 (4.7) ▲
Kazakhstan	528 (5.3) ▲
[1] † Canada	527 (2.2) ▲
Ireland	523 (2.7) ▲
† United States	518 (3.1) ▲
England	518 (4.2) ▲
Slovenia	516 (2.1) ▲
Hungary	514 (3.8) ▲
Norway (9)	512 (2.3) ▲
[2] Lithuania	511 (2.8) ▲
[3] Israel	511 (4.1) ▲
Australia	505 (3.1)
Sweden	501 (2.8)
TIMSS Scale Centerpoint	500
[2] Italy	494 (2.5) ▼
Malta	494 (1.0) ▼
† New Zealand	493 (3.4) ▼
Malaysia	465 (3.6) ▼
United Arab Emirates	465 (2.0) ▼
Turkey	458 (4.7) ▼
Bahrain	454 (1.4) ▼
[1] [2] Georgia	453 (3.4) ▼
Lebanon	442 (3.6) ▼
Ψ Qatar	437 (3.0) ▼
Ψ Iran, Islamic Rep. of	436 (4.6) ▼
Thailand	431 (4.8) ▼
Ψ Chile	427 (3.2) ▼
Ψ Oman	403 (2.4) ▼
Ψ Kuwait	392 (4.6) ▼
Ψ Egypt	392 (4.1) ▼
Ψ Botswana (9)	391 (2.0) ▼
Ж Jordan	386 (3.2) ▼
Ж Morocco	384 (2.3) ▼
Ж South Africa (9)	372 (4.5) ▼
Ж Saudi Arabia	368 (4.6) ▼
Benchmarking Participants	
‡ Quebec, Canada	543 (3.9) ▲
Ontario, Canada	522 (2.9) ▲
Dubai, UAE	512 (2.1) ▲
[1] Florida, US	493 (6.4)
Norway (8)	487 (2.0) ▼
Abu Dhabi, UAE	442 (4.7) ▼
† Ж Buenos Aires, Argentina	396 (4.2) ▼



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

The TIMSS achievement scale was established in 1995 based on the combined achievement distribution of all countries that participated in TIMSS 1995. To provide a point of reference for country comparisons, the scale centerpoint of 500 was located at the mean of the combined achievement distribution. The units of the scale were chosen so that 100 scale score points corresponded to the standard deviation of the distribution.

Ж Reservations about reliability because the percentage of students with achievement too low for estimation exceeds 25%.

Ψ Reservations about reliability because the percentage of students with achievement too low for estimation exceeds 15% but does not exceed 25%.

See Appendix C.2 for target population coverage notes 1, 2, and 3. See Appendix C.8 for sampling guidelines and sampling participation notes †, ‡, and ‡.

( ) Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

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