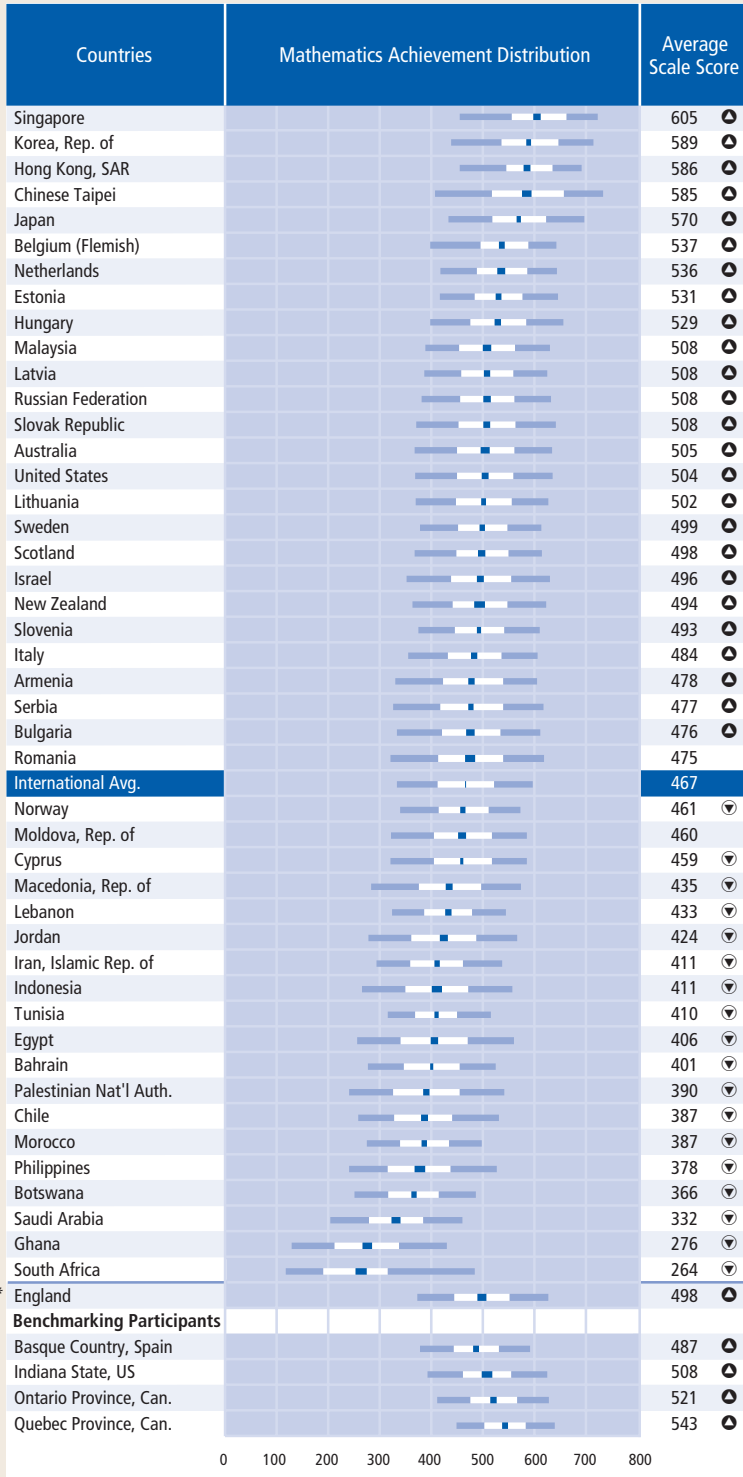


Exhibit 1 Distribution of Mathematics Achievement

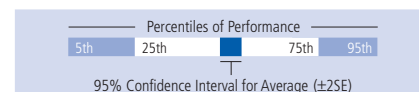
Grade 8



Grade 4



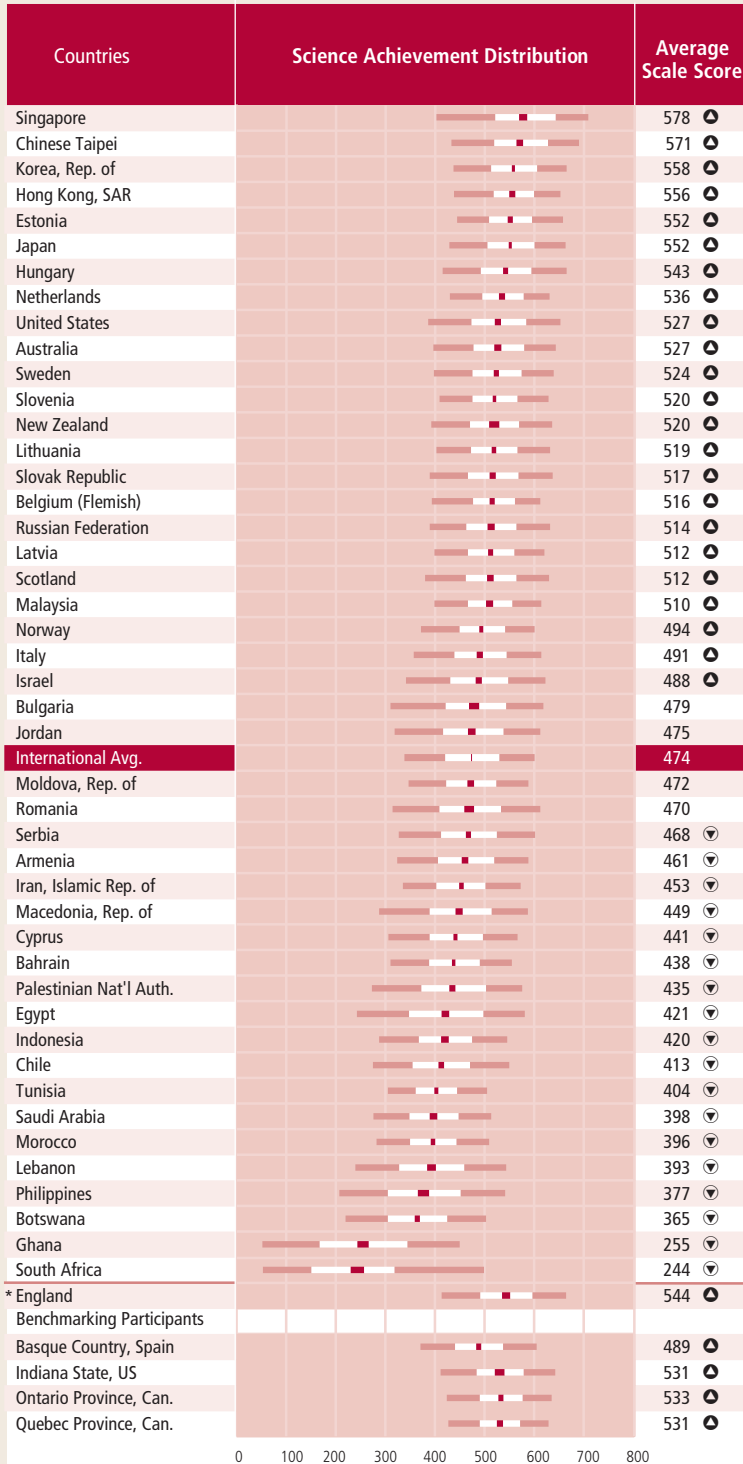
In Exhibit 1, countries are shown in decreasing order of average achievement, together with an indication of whether the country average is significantly higher or lower than the international average. The international average is the mean of the average scale scores of the participating countries (not including the Benchmarking Participants which are regional entities). The dark boxes at the midpoints of the distributions show the 95 percent confidence intervals around the average achievement in each country. The range in achievement is indicated by the 25th and 75th percentiles as well as the 5th and 95th percentiles.



* Did not satisfy guidelines for sampling participation rates.

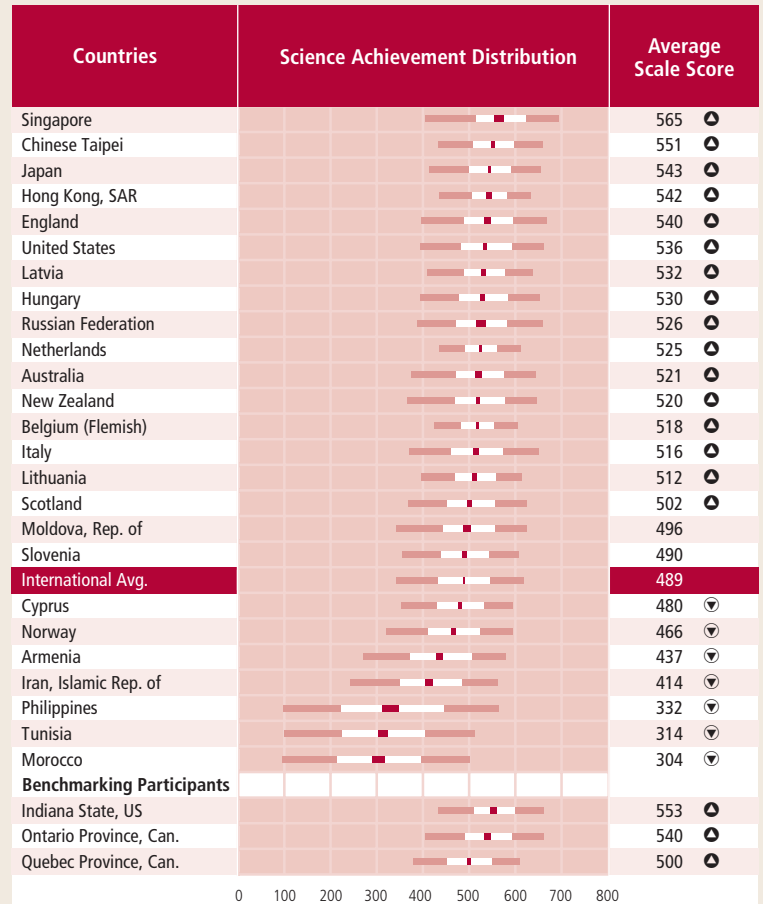
Exhibit 2 Distribution of Science Achievement

Grade 8



* Did not satisfy guidelines for sampling participation rates.

Grade 4



In Exhibit 2, countries are shown in decreasing order of average achievement, together with an indication of whether the country average is significantly higher or lower than the international average. The international average is the mean of the average scale scores of the participating countries (not including the Benchmarking Participants which are regional entities). The dark boxes at the midpoints of the distributions show the 95 percent confidence intervals around the average achievement in each country. The range in achievement is indicated by the 25th and 75th percentiles as well as the 5th and 95th percentiles.

