

Exhibit 12.1: Instructional Time Spent on Mathematics

Students' Results based on Principals' and Teachers' Reports

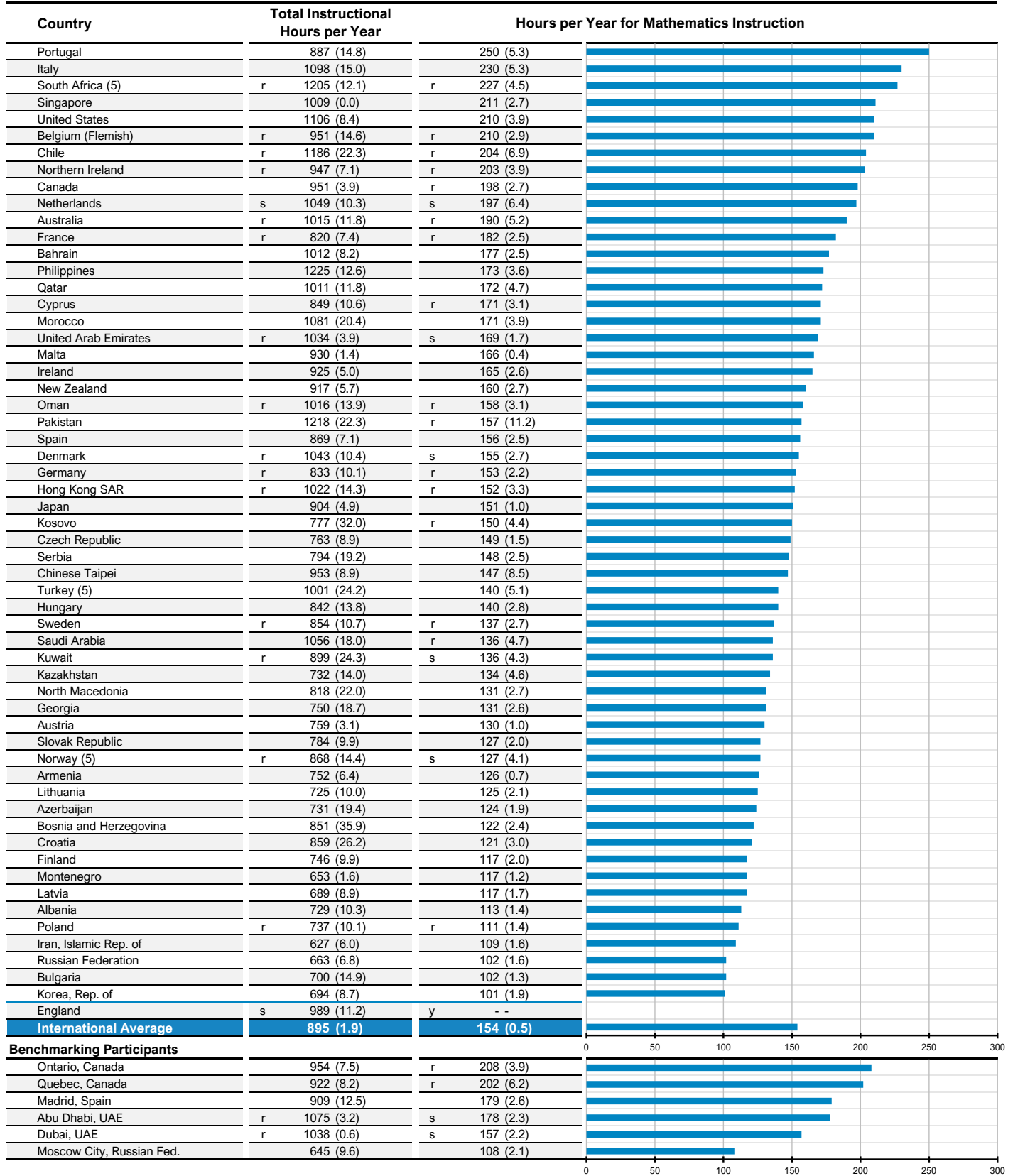
About the Scale

Total Instructional Hours Per Year	=	Principal Reports of School Days per Year	×	Principal Reports of Instructional Hours per Day
Hours per Year for Mathematics Instruction	=	$\frac{\text{Teacher Reports of Weekly Mathematics Instructional Hours}}{\text{Principal Reports of School Days per Week}}$	×	Principal Reports of School Days per Year

SOURCE: IEA's Trends in International Mathematics and Science Study - TIMSS 2019
 Downloaded from <http://timss2019.org/download>

Exhibit 12.2: Instructional Time Spent on Mathematics

Students' Results based on Principals' and Teachers' Reports



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

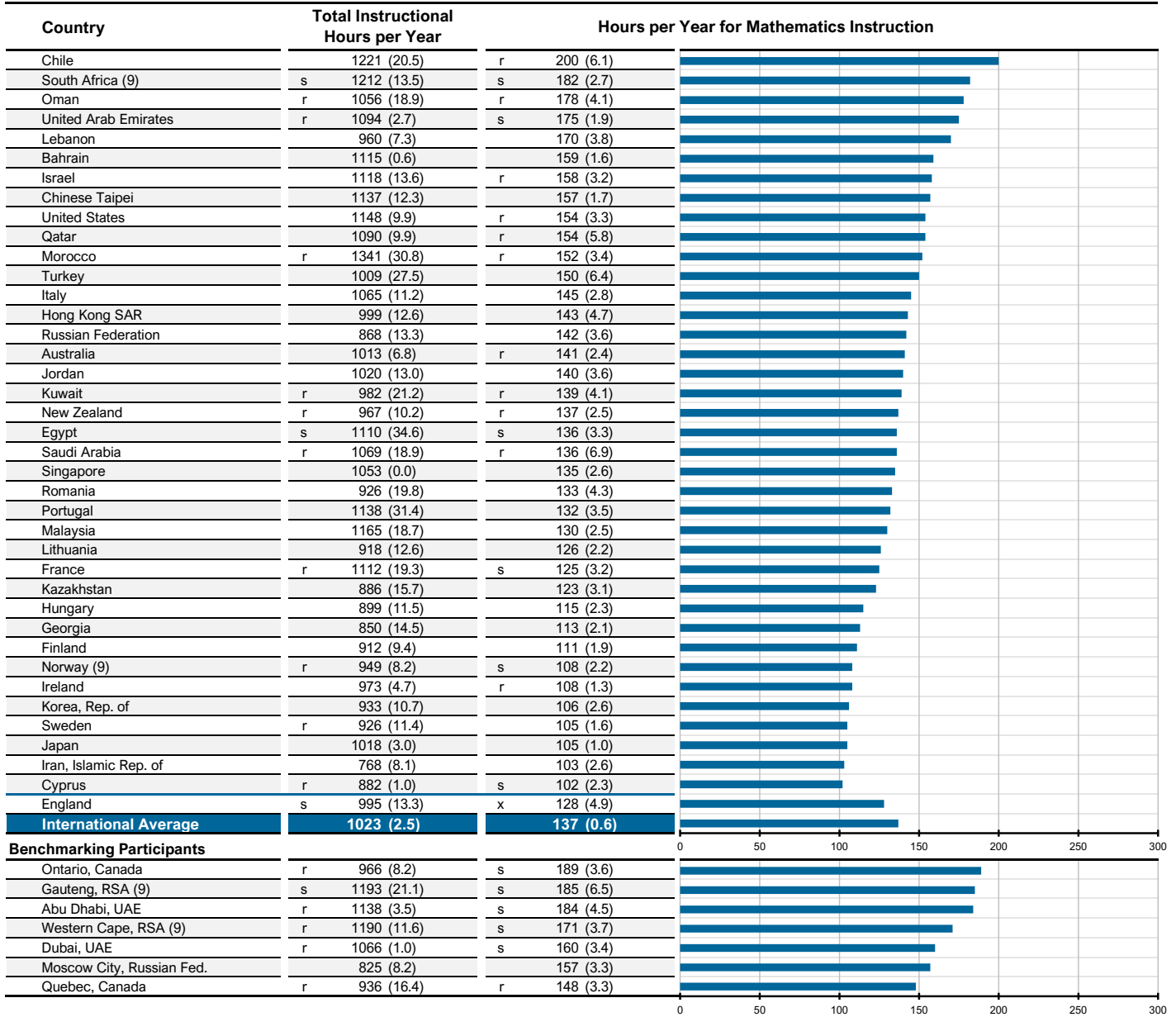
A dash (-) indicates comparable data not available.

An "r" indicates data are available for at least 70% but less than 85% of the students. An "s" indicates data are available for at least 50% but less than 70% of the students.

A "y" indicates data are available for less than 40% of the students.

Exhibit 12.3: Instructional Time Spent on Mathematics

Students' Results based on Principals' and Teachers' Reports



() 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 "s" indicates data are available for at least 50% but less than 70% of the students.

An "x" indicates data are available for at least 40% but less than 50% of the students—interpret with caution.