

Exhibit M7.1: School Discipline Problems – Principals' Reports

Reported by Principals

Students were scored according to their principals' responses concerning eleven potential school problems on the *School Discipline Problems* scale. Students in schools with **Hardly Any Problems** had a score on the scale of at least 10.0, which corresponds to their principals reporting "not a problem" for six of the eleven issues and "minor problem" for the other five, on average. Students in schools with **Moderate to Severe Problems** had a score no higher than 7.2, which corresponds to their principals reporting "moderate problem" for six of the eleven issues and "minor problem" for the other five, on average. All other students attended schools with **Minor Problems**.

Country	Hardly Any Problems		Minor Problems		Moderate to Severe Problems		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Russian Federation	85 (2.2)	486 (6.2)	15 (2.2)	474 (14.4)	0 (0.0)	~ ~	11.0 (0.08)
Russian Federation 6hr+	82 (3.5)	538 (9.0)	18 (3.5)	548 (15.7)	0 (0.0)	~ ~	11.0 (0.15)
Norway	66 (8.0)	467 (7.1)	33 (8.0)	453 (6.5)	1 (0.7)	~ ~	10.5 (0.40)
France	65 (4.7)	464 (3.6)	31 (4.5)	455 (6.5)	4 (1.7)	457 (14.5)	10.4 (0.18)
Slovenia	65 (4.7)	469 (5.5)	34 (4.7)	444 (8.3)	1 (0.8)	~ ~	10.3 (0.10)
Portugal	57 (3.9)	483 (3.6)	38 (3.9)	482 (4.8)	6 (1.9)	474 (9.0)	10.2 (0.15)
United States	55 (4.4)	494 (6.2)	43 (4.4)	478 (9.7)	1 (0.7)	~ ~	10.1 (0.14)
Lebanon	48 (3.6)	540 (5.4)	26 (4.8)	522 (4.6)	26 (3.4)	526 (6.0)	9.2 (0.18)
Italy	39 (4.6)	451 (10.4)	39 (4.5)	401 (10.7)	22 (3.5)	403 (18.4)	9.0 (0.20)
Sweden	34 (4.6)	447 (5.8)	65 (4.7)	424 (6.5)	2 (1.0)	~ ~	9.4 (0.11)
International Avg.	57 (1.6)	478 (2.1)	36 (1.6)	459 (2.8)	7 (0.6)	465 (6.4)	

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

The Russian Federation 6hr+ results are for a subset of the Russian Federation students. This subset of students are in an Intensive stream that have at least 6 hours of mathematics lessons per week.

This TIMSS Advanced questionnaire scale was established in 2015 based on the combined response distribution of all countries that participated in TIMSS Advanced 2015. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

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

A tilde (~) indicates insufficient data to report achievement.

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

