

Exhibit M9.2: Types of Homework Assignments

Reported by Advanced Mathematics Teachers

Country	Mathematics Homework Assigned to Class			Percent of Students Whose Teachers "Sometimes" or "Always or Almost Always" Assign Each Type of Homework					
	Percent of Students	Average Achievement		Doing Problem/Question Sets	Reading the Textbook	Memorizing Formulas and Procedures	Gathering, Analyzing, and Reporting Data	Finding Applications of the Content Covered	Working on Projects
	Yes	Yes	No						
France	100 (0.0)	461 (3.1)	~ ~	100 (0.3)	42 (3.1)	90 (1.9)	68 (2.6)	43 (3.3)	20 (2.3)
Italy	98 (0.9)	424 (5.7)	~ ~	98 (1.0)	80 (3.0)	71 (2.8)	58 (3.3)	73 (3.2)	27 (2.8)
Lebanon	93 (1.9)	531 (3.2)	543 (13.8)	93 (1.9)	79 (2.4)	84 (2.2)	83 (2.7)	84 (2.4)	56 (4.8)
Norway	94 (2.4)	461 (4.7)	477 (18.2)	93 (2.6)	73 (4.4)	69 (4.5)	19 (3.5)	29 (4.4)	5 (2.1)
Portugal	96 (1.6)	484 (2.6)	468 (11.3)	94 (1.9)	63 (3.3)	54 (3.8)	44 (4.1)	58 (3.6)	13 (2.0)
Russian Federation	100 (0.0)	484 (5.8)	~ ~	100 (0.0)	95 (1.5)	96 (1.3)	89 (2.0)	93 (1.5)	73 (3.3)
Russian Federation 6hr+	100 (0.0)	540 (8.1)	~ ~	100 (0.0)	92 (1.7)	91 (2.7)	84 (2.5)	89 (2.7)	72 (4.3)
Slovenia	97 (1.0)	460 (3.7)	465 (18.0)	97 (1.0)	38 (3.0)	76 (3.1)	33 (2.3)	29 (3.5)	21 (2.5)
Sweden	62 (4.4)	431 (5.4)	441 (6.2)	60 (4.4)	38 (3.4)	22 (3.0)	15 (2.9)	24 (3.3)	18 (2.5)
United States	r 98 (1.4)	485 (5.8)	~ ~	r 98 (1.4)	r 58 (3.5)	r 78 (2.5)	r 52 (4.1)	r 65 (4.1)	r 63 (3.6)
International Avg.	93 (0.7)	469 (1.5)	479 (6.4)	92 (0.7)	63 (1.1)	71 (1.0)	51 (1.1)	55 (1.1)	33 (1.0)

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.

() 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.