

**Percentage of Students Whose Teachers Report that
Mainly Number Topics are Emphasized the Most in Their
Eighth Grade Math Class**

	1999 TIMSS-R	
	Percentage	s.e.
Lithuania	42	3.9
United States	28	3.0
Canada	26	3.0
Iran, Islamic Rep. of	17	4.1
Slovak Republic	12	3.0
Belgium (Flemish)	10	3.3
Hungary	11	2.6
Singapore	8	2.3
Hong Kong SAR	7	2.4
Netherlands	4	3.2
Japan	7	2.0
Korea, Rep. of	6	1.9
Slovenia	5	1.9
Romania	4	1.9
Italy	2	1.0
Cyprus	1	0.7
Latvia (LSS)	1	0.6
New Zealand	1	0.6
Czech Republic	0	0.2
Bulgaria	0	0.0
England	0	0.0
Russian Federation	0	0.0
Australia	-	-
International Average	8.7	

s.e. means standard error

Source: Mullis et al. (2000). TIMSS 1999 International Mathematics Report: Findings from IEA's Repeat of the Third International Mathematics and Science Study at the Eighth Grade. Exhibit 5.9.

**Percentage of Students Whose Teachers Report that
Fractions and Number Sense Topics were Taught More
than 5 Periods in Their Eighth Grade Math Class**

	1999 TIMSS-R	
	Percentage	s.e.
New Zealand	92	2.1
Canada	91	1.9
United States	83	2.4
Cyprus	76	4.2
Korea, Rep. of	75	3.5
Netherlands	70	6.0
Australia	70	3.9
England	65	3.6
Hong Kong SAR	64	4.0
Belgium (Flemish)	53	4.4
Latvia (LSS)	51	4.0
Iran, Islamic Rep. of	48	4.2
Singapore	39	4.1
Hungary	34	4.3
Slovenia	27	3.5
Bulgaria	25	4.1
Japan	23	3.8
Slovak Republic	22	4.4
Italy	22	3.0
Czech Republic	14	3.6
Romania	4	1.5
Lithuania	-	-
Russian Federation	-	-
International Average	49.9	

s.e. means standard error

Source: Mullis et al. (2000). TIMSS 1999 International Mathematics Report: Findings from IEA's Repeat of the Third International Mathematics and Science Study at the Eighth Grade. Exhibit 5.11.

**Percentage of Students Whose Teachers Report that
Geometry was Taught More than 5 Periods in Their
Eighth Grade Math Class**

	1999 TIMSS-R	
	Percentage	s.e.
Latvia (LSS)	98	1.3
Singapore	93	2.0
Iran, Islamic Rep. of	91	2.3
Italy	87	2.8
Bulgaria	87	2.9
Slovak Republic	83	3.5
Korea, Rep. of	81	3.2
Belgium (Flemish)	79	3.3
Canada	77	2.6
Australia	78	3.4
Netherlands	79	5.1
Japan	75	3.6
Hong Kong SAR	75	3.7
Hungary	71	3.7
Slovenia	68	3.7
United States	62	3.3
Cyprus	60	4.2
New Zealand	59	4.3
England	58	3.2
Czech Republic	42	5.2
Romania	38	4.3
Lithuania	-	-
Russian Federation	-	-
International Average	73.4	

s.e. means standard error

Source: Mullis et al. (2000). TIMSS 1999 International Mathematics Report: Findings from IEA's Repeat of the Third International Mathematics and Science Study at the Eighth Grade. Exhibit 5.14.

**Percentage of Students Whose Teachers Report that
Physics is Emphasized the Most in Their Eighth Grade
Science Class**

	1999 TIMSS-R	
	Percentage	s.e.
Cyprus	39	4.5
Latvia (LSS)	38	1.3
Bulgaria	25	0.7
Russian Federation	25	0.0
Czech Republic	24	0.8
Hungary	24	0.5
Romania	21	0.9
Lithuania	19	1.5
Iran, Islamic Rep. of	14	3.1
Netherlands	14	2.1
Belgium (Flemish)	13	2.2
Italy	13	2.6
Japan	6	2.1
Korea, Rep. of	5	1.6
Singapore	4	1.8
United States	2	0.8
Australia	1	0.4
Canada	1	0.7
New Zealand	1	0.6
England	0	0.0
Hong Kong SAR	0	0.0
Slovak Republic	-	-
Slovenia	-	-
International Average	13.8	

s.e. means standard error

Source: Martin et al. (2000). TIMSS 1999 International Science Report: Findings from IEA's Repeat of the Third International Mathematics and Science Study at the Eighth Grade. Exhibit 5.8.

**Percentage of Students Whose Teachers Report that
Chemistry is Emphasized the Most in Their Eighth Grade
Science Class**

1999 TIMSS-R		
	Percentage	s.e.
Latvia (LSS)	27	1.6
Hungary	26	0.8
Czech Republic	26	0.3
Russian Federation	25	0.0
Romania	22	1.1
Bulgaria	22	1.1
Lithuania	21	1.4
Cyprus	13	2.6
Japan	11	2.7
Singapore	7	2.3
Korea, Rep. of	5	1.7
Australia	4	1.3
United States	3	1.0
Italy	3	1.2
Iran, Islamic Rep. of	3	1.4
Hong Kong SAR	1	0.8
Canada	1	0.6
New Zealand	0	0.0
Netherlands	0	0.0
England	0	0.0
Belgium (Flemish)	0	0.0
Slovak Republic	-	-
Slovenia	-	-
International Average	10.5	

s.e. means standard error

Source: Martin et al. (2000). TIMSS 1999 International Science Report: Findings from IEA's Repeat of the Third International Mathematics and Science Study at the Eighth Grade. Exhibit 5.8.

**Percentage of Students Whose Teachers Report that
Earth Science is Emphasized the Most in Their Eighth
Grade Science Class**

1999 TIMSS-R		
	Percentage	s.e.
Netherlands	35	1.0
United States	28	4.8
Bulgaria	26	0.8
Romania	25	0.5
Czech Republic	25	0.3
Russian Federation	25	0.0
Belgium (Flemish)	24	3.3
Hungary	24	0.7
Italy	20	3.2
Canada	14	2.3
Korea, Rep. of	2	1.0
Cyprus	1	1.3
Japan	1	1.0
New Zealand	1	0.5
Australia	0	0.3
England	0	0.0
Hong Kong SAR	0	0.0
Iran, Islamic Rep. of	0	0.0
Latvia (LSS)	0	0.0
Lithuania	0	0.0
Singapore	0	0.0
Slovak Republic	-	-
Slovenia	-	-
International Average	12.0	

s.e. means standard error

Source: Martin et al. (2000). TIMSS 1999 International Science Report: Findings from IEA's Repeat of the Third International Mathematics and Science Study at the Eighth Grade. Exhibit 5.8.