

Annex **A**

DESCRIPTIVE STATISTICS

Table A.1
Instructional weeks per year: mean, standard deviation and percentile distribution among schools

	Schools at the ...													
	Mean		Standard deviation		5th percentile		25th percentile		50th percentile		75th percentile		95th percentile	
	Mean	S.E.	S.D.	S.E.	p5	S.E.	p25	S.E.	p50	S.E.	p75	S.E.	p95	S.E.
OECD														
Australia	39.4	(0.1)	1.8	(0.1)	36.0	(0.0)	39.0	(0.5)	40.0	(0.0)	40.0	(0.0)	41.0	(0.3)
Austria	36.7	(0.8)	9.2	(1.0)	10.0	(0.0)	38.0	(0.5)	40.0	(0.4)	40.0	(0.4)	43.0	(0.0)
Belgium	36.2	(0.2)	3.2	(0.2)	30.0	(0.3)	36.0	(0.4)	38.0	(0.9)	38.0	(0.9)	40.0	(0.0)
Canada	38.6	(0.2)	3.0	(0.3)	35.0	(1.3)	38.0	(1.0)	40.0	(0.0)	40.0	(0.0)	41.0	(0.7)
Czech Republic	41.0	(0.2)	2.2	(0.2)	37.0	(0.9)	40.0	(0.0)	43.0	(0.0)	43.0	(0.0)	44.0	(0.0)
Denmark	39.6	(0.1)	1.5	(0.3)	36.0	(1.3)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)
Finland	38.1	(0.0)	0.5	(0.1)	38.0	(0.0)	38.0	(0.0)	38.0	(0.0)	38.0	(0.0)	39.0	(0.9)
France	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Germany	39.7	(0.2)	2.4	(0.2)	36.0	(0.5)	38.0	(0.0)	42.0	(1.3)	42.0	(1.3)	43.0	(1.5)
Greece	34.3	(0.2)	1.9	(0.3)	30.0	(0.8)	35.0	(0.0)	35.0	(0.0)	35.0	(0.0)	35.0	(0.0)
Hungary	36.6	(0.1)	1.1	(0.2)	35.0	(1.3)	36.0	(0.0)	37.0	(0.0)	37.0	(0.0)	37.0	(0.7)
Iceland	36.7	(0.0)	1.0	(0.0)	35.0	(0.0)	36.0	(0.0)	37.0	(0.0)	37.0	(0.0)	38.0	(0.0)
Ireland	33.1	(0.2)	1.9	(0.3)	30.0	(0.8)	33.0	(0.0)	34.0	(0.0)	34.0	(0.0)	36.0	(1.1)
Italy	33.5	(0.2)	1.8	(0.2)	30.0	(2.7)	33.0	(0.0)	34.0	(0.0)	34.0	(0.0)	37.0	(1.6)
Japan	38.9	(0.3)	4.4	(0.2)	32.0	(2.8)	35.0	(0.0)	43.0	(1.0)	43.0	(1.0)	45.0	(0.0)
Korea	35.6	(0.3)	3.1	(0.5)	32.0	(1.8)	34.0	(0.0)	37.0	(0.0)	37.0	(0.0)	41.0	(0.9)
Luxembourg	36.0	(0.0)	0.0	(0.0)	36.0	(0.0)	36.0	(0.0)	36.0	(0.0)	36.0	(0.0)	36.0	(0.0)
Mexico	23.9	(0.7)	8.0	(0.6)	17.0	(1.1)	20.0	(1.3)	23.0	(1.6)	23.0	(1.6)	42.0	(1.8)
Netherlands	38.1	(0.2)	2.1	(0.1)	34.0	(1.5)	36.0	(0.0)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)
New Zealand	36.0	(0.1)	2.0	(0.1)	33.0	(0.5)	35.0	(0.2)	38.0	(1.4)	38.0	(1.4)	40.0	(0.0)
Norway	38.0	(0.0)	0.0	(0.0)	38.0	(0.0)	38.0	(0.0)	38.0	(0.0)	38.0	(0.0)	38.0	(0.0)
Poland	38.3	(0.2)	2.2	(0.2)	36.0	(0.7)	37.0	(0.0)	40.0	(0.5)	40.0	(0.5)	42.0	(0.0)
Portugal	35.4	(0.2)	2.5	(0.4)	32.0	(0.6)	35.0	(0.8)	36.0	(0.0)	36.0	(0.0)	40.0	(2.3)
Slovak Republic	39.2	(0.3)	4.0	(0.2)	33.0	(0.0)	36.0	(1.8)	43.0	(0.0)	43.0	(0.0)	44.0	(0.0)
Spain	35.4	(0.2)	2.2	(0.2)	32.0	(0.0)	35.0	(1.0)	36.0	(1.7)	36.0	(1.7)	39.0	(1.4)
Sweden	36.6	(0.1)	1.7	(0.2)	34.0	(0.9)	36.0	(0.0)	37.0	(1.0)	37.0	(1.0)	40.0	(0.0)
Switzerland	39.2	(0.1)	1.3	(0.2)	37.0	(0.0)	39.0	(0.0)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)
Turkey	35.7	(0.3)	3.5	(0.6)	28.0	(5.8)	36.0	(0.4)	37.0	(0.0)	37.0	(0.0)	39.0	(1.3)
United States	36.0	(0.0)	0.7	(0.1)	35.0	(0.0)	36.0	(0.0)	36.0	(0.0)	36.0	(0.0)	37.0	(0.0)
OECD average	36.7	(0.0)	2.4	(0.1)	32.5	(0.3)	35.9	(0.1)	37.8	(0.1)	37.8	(0.1)	39.9	(0.2)
Partners														
Brazil	40.6	(0.2)	2.1	(0.3)	39.0	(1.4)	40.0	(0.0)	41.0	(0.8)	41.0	(0.8)	45.0	(0.4)
Hong Kong-China	35.4	(0.4)	4.9	(0.2)	28.0	(1.0)	31.0	(1.3)	40.0	(0.0)	40.0	(0.0)	42.0	(0.2)
Indonesia	40.0	(0.4)	5.0	(0.4)	33.0	(1.4)	37.0	(1.0)	43.0	(0.9)	43.0	(0.9)	48.0	(0.8)
Latvia	34.9	(0.1)	0.8	(0.1)	34.0	(0.9)	35.0	(0.0)	35.0	(0.0)	35.0	(0.0)	36.0	(0.2)
Liechtenstein	39.0	(0.0)	0.8	(0.0)	38.0	(0.0)	38.0	(0.0)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)
Macao-China	39.2	(0.0)	2.8	(0.0)	36.0	(2.0)	38.0	(0.0)	41.0	(0.0)	41.0	(0.0)	42.0	(0.0)
Russian Fed.	35.0	(0.2)	2.2	(0.2)	33.0	(1.3)	34.0	(0.0)	35.0	(1.3)	35.0	(1.3)	40.0	(0.0)
Serbia	37.1	(0.1)	1.3	(0.3)	35.0	(0.0)	37.0	(0.0)	37.0	(0.0)	37.0	(0.0)	39.0	(0.0)
Thailand	39.7	(0.1)	1.1	(0.1)	36.0	(0.0)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)	40.0	(0.0)
Tunisia	31.9	(0.3)	3.6	(0.3)	26.0	(1.1)	30.0	(0.0)	33.0	(1.2)	33.0	(1.2)	38.0	(1.0)
Uruguay	33.9	(0.2)	2.5	(0.1)	30.0	(0.0)	32.0	(0.0)	36.0	(0.0)	36.0	(0.0)	37.0	(0.0)
United Kingdom ¹	37.8	(0.1)	1.4	(0.2)	35.0	(0.4)	38.0	(0.0)	38.0	(0.0)	38.0	(0.0)	39.0	(0.0)

1. Response rate too low to ensure comparability.

Table A.2

Instructional hours in school week: mean, standard deviation and percentile distribution among schools

	Schools at the ...													
	Mean		Standard deviation		5th percentile		25th percentile		50th percentile		75th percentile		95th percentile	
	Mean	S.E.	S.D.	S.E.	p5	S.E.	p25	S.E.	p50	S.E.	p75	S.E.	p95	S.E.
OECD														
Australia	24.1	(0.1)	5.6	(0.1)	14.0	(0.4)	23.0	(0.3)	26.3	(0.3)	26.3	(0.3)	31.0	(1.0)
Austria	27.2	(0.3)	7.6	(0.3)	7.5	(1.1)	25.0	(0.8)	31.7	(0.2)	31.7	(0.2)	37.5	(1.3)
Belgium	26.9	(0.1)	4.4	(0.1)	18.5	(1.4)	26.7	(0.0)	29.2	(1.0)	29.2	(1.0)	30.0	(0.0)
Canada	23.6	(0.1)	7.4	(0.1)	5.4	(0.3)	23.3	(0.3)	25.7	(0.1)	25.7	(0.1)	32.1	(0.7)
Czech Republic	23.6	(0.1)	1.8	(0.1)	20.8	(0.7)	22.5	(0.0)	24.8	(0.0)	24.8	(0.0)	27.0	(0.5)
Denmark	22.1	(0.2)	5.1	(0.4)	15.0	(0.0)	21.0	(0.0)	23.3	(0.0)	23.3	(0.0)	29.3	(1.0)
Finland	22.6	(0.1)	2.0	(0.1)	20.3	(0.2)	22.5	(0.0)	23.3	(0.0)	23.3	(0.0)	25.5	(0.2)
France	24.8	(0.2)	7.0	(0.1)	9.2	(0.8)	22.9	(0.8)	29.0	(0.7)	29.0	(0.7)	33.0	(0.4)
Germany	22.6	(0.1)	3.7	(0.2)	17.3	(1.0)	21.8	(0.0)	24.0	(0.0)	24.0	(0.0)	27.0	(0.0)
Greece	23.5	(0.1)	1.4	(0.0)	22.5	(0.0)	22.5	(0.0)	25.5	(0.0)	25.5	(0.0)	26.3	(0.0)
Hungary	23.9	(0.1)	2.9	(0.1)	20.8	(0.6)	22.5	(0.0)	24.9	(0.8)	24.9	(0.8)	27.8	(0.8)
Iceland	26.1	(0.1)	6.9	(0.1)	20.0	(0.7)	24.0	(0.0)	26.0	(0.2)	26.0	(0.2)	48.0	(1.1)
Ireland	27.4	(0.1)	4.8	(0.2)	18.7	(1.4)	26.7	(0.1)	30.0	(0.0)	30.0	(0.0)	30.0	(0.6)
Italy	26.4	(0.3)	7.6	(0.2)	9.0	(1.0)	24.8	(0.4)	30.0	(0.7)	30.0	(0.7)	35.0	(0.4)
Japan	23.8	(0.2)	6.7	(0.2)	7.5	(0.6)	24.0	(0.7)	27.1	(0.5)	27.1	(0.5)	31.7	(0.8)
Korea	30.2	(0.3)	8.3	(0.3)	7.5	(1.2)	29.2	(0.0)	34.2	(1.1)	34.2	(1.1)	40.8	(1.2)
Luxembourg	24.1	(0.1)	4.8	(0.1)	10.8	(1.6)	25.0	(0.0)	25.8	(0.2)	25.8	(0.2)	26.7	(0.3)
Mexico	24.0	(0.3)	9.8	(0.1)	6.0	(0.2)	17.5	(1.2)	30.0	(0.0)	30.0	(0.0)	37.5	(0.3)
Netherlands	23.9	(0.2)	4.9	(0.2)	13.3	(1.2)	22.5	(0.0)	26.7	(0.0)	26.7	(0.0)	29.2	(0.0)
New Zealand	23.5	(0.1)	5.5	(0.2)	9.0	(1.3)	22.9	(0.0)	25.0	(0.0)	25.0	(0.0)	30.0	(0.8)
Norway	22.1	(0.1)	4.0	(0.1)	15.0	(0.8)	22.5	(0.1)	22.5	(0.0)	22.5	(0.0)	27.0	(0.1)
Poland	22.9	(0.1)	3.4	(0.1)	18.8	(0.0)	22.5	(0.3)	24.0	(0.0)	24.0	(0.0)	27.0	(0.2)
Portugal	25.1	(0.3)	8.0	(0.4)	12.8	(0.7)	22.5	(0.2)	26.7	(0.6)	26.7	(0.6)	45.0	(1.4)
Slovak Republic	23.5	(0.1)	3.7	(0.2)	18.0	(0.7)	22.5	(0.3)	24.9	(0.8)	24.9	(0.8)	27.8	(0.6)
Spain	26.4	(0.1)	4.9	(0.2)	15.0	(1.6)	25.0	(0.0)	29.3	(0.2)	29.3	(0.2)	31.5	(0.8)
Sweden	22.5	(0.2)	5.4	(0.2)	13.3	(0.3)	20.0	(0.0)	25.0	(0.0)	25.0	(0.0)	30.0	(1.4)
Switzerland	24.1	(0.3)	4.9	(0.5)	13.3	(3.5)	23.5	(0.7)	26.7	(0.5)	26.7	(0.5)	29.3	(0.1)
Turkey	23.1	(0.3)	6.2	(0.5)	8.7	(0.7)	21.3	(0.0)	26.7	(1.0)	26.7	(1.0)	30.0	(0.0)
United States	22.1	(0.3)	11.3	(0.2)	5.3	(0.2)	9.6	(1.4)	30.0	(0.0)	30.0	(0.0)	35.8	(1.6)
OECD average	24.4	(0.0)	5.5	(0.0)	13.7	(0.2)	22.8	(0.1)	26.8	(0.1)	26.8	(0.1)	31.6	(0.1)
Partners														
Brazil	19.0	(0.2)	6.1	(0.2)	6.7	(0.1)	16.7	(0.0)	20.9	(0.6)	20.9	(0.6)	26.5	(0.8)
Hong Kong-China	26.5	(0.2)	6.8	(0.2)	7.5	(0.7)	23.3	(0.3)	31.5	(0.7)	31.5	(0.7)	35.0	(0.8)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	23.9	(0.2)	4.1	(0.6)	20.0	(0.0)	23.3	(0.3)	24.7	(0.0)	24.7	(0.0)	28.0	(0.4)
Liechtenstein	27.1	(0.2)	3.2	(0.4)	24.0	(0.6)	26.3	(0.0)	28.5	(0.0)	28.5	(0.0)	30.8	(0.2)
Macao-China	26.9	(0.1)	4.9	(0.3)	20.7	(2.0)	26.0	(0.2)	29.3	(0.0)	29.3	(0.0)	32.0	(1.1)
Russian Fed.	23.8	(0.2)	5.2	(0.4)	17.3	(1.1)	21.3	(0.0)	26.2	(0.8)	26.2	(0.8)	30.0	(0.4)
Serbia	23.7	(0.1)	4.6	(0.2)	16.5	(1.9)	22.5	(0.0)	25.5	(0.0)	25.5	(0.0)	28.5	(0.5)
Thailand	30.5	(0.2)	3.7	(0.2)	25.0	(1.2)	29.2	(0.0)	33.3	(0.6)	33.3	(0.6)	36.7	(0.5)
Tunisia	27.6	(0.2)	6.5	(0.2)	13.0	(2.7)	26.0	(0.0)	30.0	(0.5)	30.0	(0.5)	36.0	(1.4)
Uruguay	21.6	(0.3)	6.5	(0.2)	9.0	(0.7)	18.7	(0.7)	26.0	(0.9)	26.0	(0.9)	30.8	(1.4)
United Kingdom ¹	24.6	(0.1)	5.1	(0.2)	17.0	(1.8)	25.0	(0.3)	25.0	(0.0)	25.0	(0.0)	30.0	(0.0)

1. Response rate too low to ensure comparability.

Table A.3

Index of total instructional hours per year: mean, standard deviation and percentile distribution among schools

	Schools at the ...													
	Mean		Standard deviation		5th percentile		25th percentile		50th percentile		75th percentile		95th percentile	
	Mean	S.E.	S.D.	S.E.	p5	S.E.	p25	S.E.	p50	S.E.	p75	S.E.	p95	S.E.
OECD														
Australia	952.5	(5.4)	226.2	(6.0)	546.0	(24.2)	900.0	(0.0)	1025.0	(15.6)	1025.0	(15.6)	1240.0	(34.1)
Austria	991.4	(18.7)	353.6	(14.9)	285.0	(23.2)	900.0	(35.2)	1233.3	(16.3)	1233.3	(16.3)	1397.5	(32.5)
Belgium	968.6	(6.4)	179.8	(5.6)	671.7	(15.5)	925.0	(26.0)	1066.7	(6.5)	1066.7	(6.5)	1171.7	(25.7)
Canada	909.7	(5.3)	295.9	(4.7)	215.0	(8.4)	871.2	(7.9)	1023.8	(9.9)	1023.8	(9.9)	1260.0	(21.7)
Czech Republic	930.1	(5.5)	77.0	(3.9)	780.0	(21.6)	900.0	(3.3)	967.5	(8.6)	967.5	(8.6)	1050.0	(7.5)
Denmark	857.6	(6.1)	163.7	(13.0)	600.0	(4.3)	840.0	(14.1)	900.0	(18.9)	900.0	(18.9)	1050.0	(32.5)
Finland	860.5	(2.5)	77.9	(3.9)	769.5	(6.3)	855.0	(0.0)	883.5	(0.0)	883.5	(0.0)	969.0	(13.1)
France	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Germany	901.5	(5.6)	144.6	(7.2)	684.0	(25.3)	848.3	(12.4)	966.6	(10.4)	966.6	(10.4)	1102.5	(19.8)
Greece	805.6	(5.1)	64.0	(5.0)	697.5	(33.5)	787.5	(0.0)	813.8	(46.2)	813.8	(46.2)	918.8	(0.0)
Hungary	876.8	(3.9)	106.5	(5.0)	749.3	(8.2)	832.5	(0.0)	915.8	(6.2)	915.8	(6.2)	1026.0	(27.4)
Iceland	953.4	(3.0)	249.8	(3.3)	760.0	(17.6)	864.0	(0.8)	937.3	(0.0)	937.3	(0.0)	1728.0	(39.2)
Ireland	903.3	(6.7)	166.6	(5.7)	612.0	(30.3)	866.3	(12.3)	990.0	(2.1)	990.0	(2.1)	1050.0	(20.6)
Italy	884.0	(9.8)	256.9	(7.7)	300.0	(26.3)	820.4	(9.8)	1023.0	(9.3)	1023.0	(9.3)	1188.0	(5.4)
Japan	931.1	(12.5)	285.7	(8.5)	273.3	(23.2)	845.8	(17.9)	1105.7	(12.3)	1105.7	(12.3)	1300.0	(36.3)
Korea	1073.9	(15.1)	312.3	(12.7)	255.0	(13.2)	991.7	(21.8)	1225.0	(17.7)	1225.0	(17.7)	1541.7	(46.4)
Luxembourg	865.9	(2.9)	176.4	(4.9)	390.0	(49.2)	900.0	(0.0)	930.0	(20.6)	930.0	(20.6)	972.0	(25.0)
Mexico	564.3	(17.1)	305.9	(18.2)	128.3	(6.5)	375.0	(18.8)	666.7	(28.6)	666.7	(28.6)	1200.0	(33.9)
Netherlands	911.4	(7.8)	194.5	(7.9)	506.7	(39.9)	840.0	(11.5)	1020.0	(11.4)	1020.0	(11.4)	1133.3	(4.2)
New Zealand	845.4	(4.8)	197.5	(6.1)	348.3	(48.8)	816.7	(3.9)	924.0	(15.9)	924.0	(15.9)	1023.2	(23.6)
Norway	840.3	(4.4)	151.7	(5.1)	570.0	(31.1)	855.0	(2.5)	855.0	(0.0)	855.0	(0.0)	1026.0	(2.8)
Poland	876.9	(5.3)	140.8	(4.9)	702.0	(10.8)	832.5	(7.2)	936.0	(10.1)	936.0	(10.1)	1054.5	(19.5)
Portugal	881.9	(12.9)	287.7	(14.0)	437.5	(11.7)	765.0	(13.8)	935.0	(15.5)	935.0	(15.5)	1522.5	(93.5)
Slovak Republic	917.0	(7.3)	165.5	(7.9)	693.0	(12.2)	826.5	(18.2)	999.8	(20.5)	999.8	(20.5)	1161.0	(15.8)
Spain	937.4	(7.6)	182.9	(6.9)	551.3	(34.5)	886.5	(15.8)	1045.0	(7.3)	1045.0	(7.3)	1140.0	(7.7)
Sweden	822.5	(8.9)	200.4	(7.6)	490.0	(21.6)	720.0	(3.9)	910.0	(12.2)	910.0	(12.2)	1166.7	(68.8)
Switzerland	951.9	(7.0)	176.3	(7.9)	540.0	(19.1)	912.0	(2.7)	1050.0	(3.1)	1050.0	(3.1)	1140.8	(28.8)
Turkey	812.5	(15.7)	238.9	(19.7)	317.3	(6.6)	746.7	(22.6)	933.3	(25.1)	933.3	(25.1)	1080.0	(35.2)
United States	803.9	(11.4)	403.4	(6.1)	194.0	(4.2)	378.0	(59.8)	1080.0	(19.4)	1080.0	(19.4)	1282.5	(49.0)
OECD average	888.3	(1.7)	206.0	(1.7)	507.3	(4.7)	821.4	(3.3)	976.3	(3.0)	976.3	(3.0)	1172.5	(6.2)
Partners														
Brazil	769.1	(9.1)	251.6	(7.5)	260.0	(13.2)	666.7	(4.3)	891.8	(19.9)	891.8	(19.9)	1102.5	(37.7)
Hong Kong-China	936.2	(13.4)	277.8	(8.1)	266.7	(21.7)	798.0	(19.3)	1114.8	(14.0)	1114.8	(14.0)	1306.7	(10.6)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	824.9	(4.4)	114.8	(4.8)	700.0	(0.0)	793.3	(14.0)	863.3	(2.6)	863.3	(2.6)	956.7	(27.8)
Liechtenstein	1059.5	(6.2)	118.4	(16.1)	940.5	(26.1)	997.5	(0.0)	1140.0	(9.8)	1140.0	(9.8)	1230.0	(11.2)
Macao-China	1055.4	(5.8)	204.4	(9.7)	738.0	(34.2)	1014.0	(14.5)	1148.0	(6.2)	1148.0	(6.2)	1260.0	(19.8)
Russian Fed.	835.0	(12.5)	208.4	(26.4)	612.0	(26.4)	725.3	(18.9)	899.9	(23.9)	899.9	(23.9)	1080.0	(29.4)
Serbia	883.9	(5.5)	162.0	(7.2)	682.5	(29.8)	832.5	(0.0)	943.5	(11.2)	943.5	(11.2)	1069.5	(19.7)
Thailand	1210.1	(7.4)	152.3	(7.5)	936.0	(53.5)	1166.7	(0.0)	1300.6	(32.5)	1300.6	(32.5)	1466.7	(27.6)
Tunisia	835.4	(12.0)	225.4	(11.5)	304.0	(71.1)	756.0	(16.6)	928.0	(16.9)	928.0	(16.9)	1120.0	(32.3)
Uruguay	727.8	(12.9)	232.6	(8.1)	288.8	(22.4)	600.0	(11.2)	864.0	(16.5)	864.0	(16.5)	1071.0	(28.2)
United Kingdom ¹	930.6	(4.3)	190.3	(7.0)	646.0	(51.6)	918.3	(15.1)	950.0	(0.0)	950.0	(0.0)	1108.3	(20.8)

1. Response rate too low to ensure comparability.

Table A.4

Hours per week of mathematics instruction: mean, standard deviation and percentile distribution among schools

			Schools at the ...											
	Mean		Standard deviation		5th percentile		25th percentile		50th percentile		75th percentile		95th percentile	
	Mean	S.E.	S.D.	S.E.	p5	S.E.	p25	S.E.	p50	S.E.	p75	S.E.	p95	S.E.
OECD														
Australia	3.8	(0.0)	1.4	(0.1)	2.3	(0.0)	3.3	(0.0)	4.2	(0.1)	4.2	(0.1)	6.0	(0.2)
Austria	2.8	(0.1)	1.6	(0.1)	0.8	(0.0)	1.7	(0.1)	3.3	(0.0)	3.3	(0.0)	5.0	(0.4)
Belgium	3.3	(0.0)	1.4	(0.1)	0.8	(0.0)	2.5	(0.0)	4.2	(0.0)	4.2	(0.0)	5.0	(0.1)
Canada	3.7	(0.0)	2.7	(0.0)	0.0	(0.0)	1.3	(0.1)	5.8	(0.2)	5.8	(0.2)	6.7	(0.1)
Czech Republic	2.8	(0.0)	0.8	(0.0)	1.5	(0.0)	2.3	(0.0)	3.0	(0.0)	3.0	(0.0)	3.8	(0.4)
Denmark	3.4	(0.0)	1.3	(0.1)	2.3	(0.0)	3.0	(0.0)	3.8	(0.0)	3.8	(0.0)	5.3	(0.1)
Finland	2.6	(0.0)	1.2	(0.1)	0.0	(0.0)	2.3	(0.0)	3.0	(0.4)	3.0	(0.4)	4.5	(0.0)
France	3.5	(0.0)	1.3	(0.1)	1.5	(0.7)	2.8	(0.0)	3.7	(0.0)	3.7	(0.0)	4.6	(0.0)
Germany	3.0	(0.0)	1.4	(0.1)	1.5	(0.4)	2.3	(0.0)	3.0	(0.0)	3.0	(0.0)	4.5	(0.0)
Greece	3.1	(0.0)	0.7	(0.0)	2.3	(0.0)	3.0	(0.0)	3.8	(0.0)	3.8	(0.0)	3.8	(0.0)
Hungary	2.7	(0.0)	0.8	(0.1)	2.3	(0.0)	2.3	(0.0)	3.0	(0.0)	3.0	(0.0)	3.8	(0.0)
Iceland	4.2	(0.0)	1.4	(0.1)	3.3	(0.0)	3.3	(0.0)	4.2	(0.2)	4.2	(0.2)	7.7	(0.6)
Ireland	3.2	(0.0)	1.2	(0.1)	2.0	(0.0)	2.9	(0.2)	3.3	(0.0)	3.3	(0.0)	4.0	(0.0)
Italy	3.5	(0.1)	1.6	(0.1)	0.9	(0.1)	2.8	(0.1)	4.2	(0.0)	4.2	(0.0)	5.3	(0.3)
Japan	3.6	(0.1)	1.7	(0.1)	0.9	(0.8)	2.5	(0.0)	4.3	(0.3)	4.3	(0.3)	5.8	(0.0)
Korea	4.1	(0.1)	1.8	(0.1)	2.5	(0.0)	3.3	(0.0)	4.2	(0.1)	4.2	(0.1)	6.7	(0.6)
Luxembourg	3.3	(0.0)	1.5	(0.1)	1.7	(0.0)	3.3	(0.0)	3.3	(0.0)	3.3	(0.0)	5.0	(0.0)
Mexico	4.0	(0.1)	2.6	(0.2)	1.1	(0.3)	3.0	(0.3)	4.2	(0.0)	4.2	(0.0)	7.5	(0.5)
Netherlands	2.5	(0.0)	1.5	(0.1)	0.0	(0.0)	2.3	(0.2)	3.0	(0.3)	3.0	(0.3)	3.8	(0.2)
New Zealand	4.0	(0.0)	1.1	(0.1)	2.8	(0.2)	3.7	(0.0)	4.2	(0.0)	4.2	(0.0)	5.0	(0.0)
Norway	2.8	(0.1)	1.5	(0.2)	0.7	(0.8)	2.3	(0.0)	3.0	(0.0)	3.0	(0.0)	4.5	(0.0)
Poland	3.4	(0.0)	0.6	(0.0)	3.0	(0.0)	3.0	(0.0)	3.8	(0.0)	3.8	(0.0)	4.5	(0.0)
Portugal	3.3	(0.1)	1.5	(0.1)	1.5	(0.0)	2.9	(0.3)	3.3	(0.0)	3.3	(0.0)	6.0	(0.0)
Slovak Republic	3.3	(0.1)	1.7	(0.1)	1.5	(0.0)	2.3	(0.6)	3.8	(0.0)	3.8	(0.0)	4.5	(0.4)
Spain	2.9	(0.0)	0.7	(0.0)	2.0	(0.2)	2.5	(0.0)	3.3	(0.0)	3.3	(0.0)	4.0	(0.4)
Sweden	2.7	(0.0)	1.3	(0.2)	1.7	(0.2)	2.5	(0.0)	3.0	(0.0)	3.0	(0.0)	4.0	(0.0)
Switzerland	3.3	(0.1)	1.4	(0.1)	0.8	(0.9)	3.0	(0.0)	3.8	(0.0)	3.8	(0.0)	5.0	(0.5)
Turkey	3.3	(0.1)	1.1	(0.1)	2.0	(0.7)	2.7	(0.1)	3.8	(0.0)	3.8	(0.0)	5.3	(0.8)
United States	3.7	(0.1)	2.3	(0.1)	0.7	(0.6)	2.7	(0.3)	4.5	(0.0)	4.5	(0.0)	7.5	(0.0)
OECD average	3.3	(0.0)	1.4	(0.0)	1.6	(0.1)	2.7	(0.0)	3.7	(0.0)	3.7	(0.0)	5.1	(0.1)
Partners														
Brazil	3.5	(0.1)	1.8	(0.2)	1.7	(0.1)	3.0	(0.2)	4.2	(0.0)	4.2	(0.0)	5.0	(0.0)
Hong Kong-China	4.5	(0.1)	1.9	(0.1)	2.0	(0.4)	3.5	(0.0)	5.3	(0.0)	5.3	(0.0)	7.0	(0.0)
Indonesia	3.9	(0.1)	2.4	(0.1)	1.3	(0.3)	2.3	(0.1)	4.5	(0.0)	4.5	(0.0)	6.0	(0.0)
Latvia	3.6	(0.1)	1.3	(0.2)	2.0	(0.0)	3.3	(0.0)	4.0	(0.0)	4.0	(0.0)	4.7	(0.0)
Liechtenstein	3.6	(0.0)	0.8	(0.0)	2.3	(0.0)	3.0	(0.0)	3.8	(0.0)	3.8	(0.0)	5.3	(0.0)
Macao-China	4.5	(0.0)	1.4	(0.1)	2.7	(0.0)	4.0	(0.0)	5.3	(0.0)	5.3	(0.0)	6.7	(0.5)
Russian Fed.	3.4	(0.1)	1.3	(0.1)	1.5	(0.5)	2.7	(0.4)	4.0	(0.0)	4.0	(0.0)	5.3	(0.2)
Serbia	2.7	(0.0)	1.7	(0.2)	1.5	(0.7)	2.3	(0.0)	3.0	(0.0)	3.0	(0.0)	3.8	(0.0)
Thailand	3.7	(0.0)	1.1	(0.0)	1.7	(0.0)	3.0	(0.4)	4.2	(0.2)	4.2	(0.2)	5.0	(0.1)
Tunisia	4.2	(0.0)	1.4	(0.2)	3.7	(0.2)	4.0	(0.0)	4.0	(0.0)	4.0	(0.0)	5.0	(0.0)
Uruguay	3.1	(0.1)	2.2	(0.2)	1.3	(0.0)	2.3	(0.0)	3.5	(0.2)	3.5	(0.2)	4.5	(0.0)
United Kingdom ¹	3.4	(0.0)	1.4	(0.1)	2.3	(0.1)	3.0	(0.0)	3.5	(0.1)	3.5	(0.1)	5.0	(0.3)

1. Response rate too low to ensure comparability.

Table A.5
Hours per week of homework or other study set by teachers in total: mean, standard deviation and percentile distribution among schools

	Schools at the ...													
	Mean		Standard deviation		5th percentile		25th percentile		50th percentile		75th percentile		95th percentile	
	Mean	S.E.	S.D.	S.E.	p5	S.E.	p25	S.E.	p50	S.E.	p75	S.E.	p95	S.E.
OECD														
Australia	5.7	(0.1)	2.1	(0.1)	2.9	(0.1)	4.0	(0.1)	7.1	(0.2)	7.1	(0.2)	9.6	(0.2)
Austria	3.9	(0.1)	1.6	(0.1)	1.5	(0.2)	2.8	(0.1)	4.9	(0.2)	4.9	(0.2)	6.4	(0.7)
Belgium	6.1	(0.1)	2.4	(0.1)	2.4	(0.2)	4.1	(0.2)	7.6	(0.1)	7.6	(0.1)	10.4	(0.5)
Canada	5.7	(0.1)	2.3	(0.1)	2.6	(0.1)	4.0	(0.1)	7.1	(0.3)	7.1	(0.3)	10.1	(0.2)
Czech Republic	3.8	(0.1)	1.7	(0.2)	1.8	(0.1)	2.6	(0.2)	4.6	(0.2)	4.6	(0.2)	6.5	(0.3)
Denmark	5.4	(0.1)	1.4	(0.1)	3.5	(0.1)	4.5	(0.1)	6.0	(0.2)	6.0	(0.2)	7.4	(0.3)
Finland	3.7	(0.1)	0.9	(0.0)	2.3	(0.1)	3.0	(0.1)	4.2	(0.1)	4.2	(0.1)	5.3	(0.2)
France	6.7	(0.1)	1.9	(0.1)	3.8	(0.4)	5.3	(0.1)	8.1	(0.2)	8.1	(0.2)	9.8	(0.1)
Germany	6.2	(0.1)	1.7	(0.1)	3.2	(0.2)	4.9	(0.2)	7.4	(0.1)	7.4	(0.1)	8.9	(0.3)
Greece	8.3	(0.2)	2.7	(0.1)	3.4	(0.4)	5.9	(0.8)	10.2	(0.3)	10.2	(0.3)	12.3	(0.5)
Hungary	9.9	(0.2)	3.4	(0.2)	4.1	(0.3)	7.7	(0.4)	12.4	(0.2)	12.4	(0.2)	15.3	(0.1)
Iceland	4.6	(0.0)	1.5	(0.0)	2.4	(0.0)	3.4	(0.0)	5.7	(0.0)	5.7	(0.0)	7.2	(0.0)
Ireland	7.7	(0.2)	2.0	(0.1)	4.7	(0.3)	6.3	(0.1)	9.1	(0.2)	9.1	(0.2)	10.6	(0.5)
Italy	10.5	(0.2)	4.3	(0.2)	3.6	(0.8)	7.5	(0.3)	13.4	(0.3)	13.4	(0.3)	18.7	(1.1)
Japan	3.8	(0.2)	3.3	(0.4)	1.0	(0.1)	1.8	(0.1)	4.6	(0.6)	4.6	(0.6)	9.5	(1.3)
Korea	3.5	(0.1)	1.7	(0.4)	1.5	(0.0)	2.5	(0.2)	4.3	(0.1)	4.3	(0.1)	5.7	(0.6)
Luxembourg	6.0	(0.0)	1.0	(0.0)	4.8	(0.0)	5.4	(0.0)	6.9	(0.0)	6.9	(0.0)	7.5	(0.0)
Mexico	5.7	(0.1)	2.5	(0.1)	2.1	(0.2)	4.0	(0.2)	7.3	(0.4)	7.3	(0.4)	10.0	(0.5)
Netherlands	5.7	(0.1)	2.3	(0.1)	2.5	(0.1)	3.6	(0.2)	7.4	(0.2)	7.4	(0.2)	9.5	(0.3)
New Zealand	4.5	(0.1)	1.6	(0.1)	2.4	(0.2)	3.4	(0.1)	5.3	(0.2)	5.3	(0.2)	7.3	(0.2)
Norway	4.8	(0.1)	1.3	(0.1)	3.0	(0.2)	3.9	(0.2)	5.6	(0.1)	5.6	(0.1)	7.1	(0.3)
Poland	8.1	(0.2)	2.1	(0.1)	5.2	(0.1)	6.3	(0.2)	9.3	(0.2)	9.3	(0.2)	11.8	(0.2)
Portugal	4.9	(0.1)	1.3	(0.1)	2.8	(0.2)	3.9	(0.1)	5.9	(0.1)	5.9	(0.1)	7.1	(0.3)
Slovak Republic	8.3	(0.2)	2.6	(0.1)	5.0	(0.4)	6.6	(0.1)	9.7	(0.6)	9.7	(0.6)	12.9	(0.3)
Spain	7.3	(0.1)	2.1	(0.1)	4.5	(0.3)	5.9	(0.1)	8.4	(0.2)	8.4	(0.2)	11.6	(0.6)
Sweden	3.9	(0.1)	1.2	(0.1)	2.4	(0.1)	3.1	(0.1)	4.4	(0.1)	4.4	(0.1)	6.5	(0.6)
Switzerland	4.5	(0.1)	1.5	(0.1)	2.6	(0.1)	3.5	(0.1)	5.4	(0.2)	5.4	(0.2)	7.0	(0.1)
Turkey	5.8	(0.2)	1.7	(0.2)	3.6	(0.3)	4.7	(0.2)	6.8	(0.4)	6.8	(0.4)	9.1	(0.9)
United States	5.6	(0.1)	2.2	(0.1)	2.6	(0.2)	4.0	(0.1)	6.9	(0.3)	6.9	(0.3)	9.4	(0.3)
OECD average	5.9	(0.0)	2.0	(0.0)	3.1	(0.0)	4.4	(0.0)	7.1	(0.0)	7.1	(0.0)	9.3	(0.1)
Partners														
Brazil	4.8	(0.1)	1.8	(0.1)	2.3	(0.3)	3.5	(0.1)	5.8	(0.2)	5.8	(0.2)	8.2	(1.0)
Hong Kong-China	6.7	(0.2)	2.8	(0.1)	2.2	(0.3)	4.5	(0.4)	8.3	(0.4)	8.3	(0.4)	11.9	(0.7)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	9.4	(0.2)	2.2	(0.1)	5.7	(0.3)	8.0	(0.2)	11.0	(0.4)	11.0	(0.4)	12.9	(0.5)
Liechtenstein	4.4	(0.0)	1.1	(0.0)	2.7	(0.0)	3.6	(0.0)	5.4	(0.0)	5.4	(0.0)	5.4	(0.0)
Macao-China	7.8	(0.0)	3.1	(0.0)	3.7	(0.0)	5.7	(0.0)	9.4	(0.0)	9.4	(0.0)	13.0	(0.0)
Russian Fed.	12.7	(0.3)	3.1	(0.2)	6.9	(0.6)	10.6	(0.6)	14.8	(0.3)	14.8	(0.3)	17.6	(0.8)
Serbia	5.2	(0.2)	2.2	(0.3)	2.5	(0.2)	3.7	(0.3)	6.0	(0.6)	6.0	(0.6)	9.3	(1.0)
Thailand	6.9	(0.2)	2.6	(0.1)	3.5	(0.3)	4.8	(0.3)	8.7	(0.4)	8.7	(0.4)	11.5	(0.5)
Tunisia	4.7	(0.1)	1.9	(0.1)	2.4	(0.2)	3.3	(0.1)	5.7	(0.3)	5.7	(0.3)	8.5	(0.4)
Uruguay	6.7	(0.1)	2.0	(0.1)	3.6	(0.3)	5.5	(0.2)	7.7	(0.3)	7.7	(0.3)	10.3	(0.3)
United Kingdom ¹	6.0	(0.1)	2.0	(0.1)	3.4	(0.1)	4.3	(0.2)	7.3	(0.2)	7.3	(0.2)	9.5	(0.3)

1. Response rate too low to ensure comparability.

Table A.6
Hours per week of homework or other study set by mathematics teachers: mean, standard deviation and percentile distribution among schools

	Schools at the ...													
	Mean		Standard deviation		5th percentile		25th percentile		50th percentile		75th percentile		95th percentile	
	Mean	S.E.	S.D.	S.E.	p5	S.E.	p25	S.E.	p50	S.E.	p75	S.E.	p95	S.E.
OECD														
Australia	2.3	(0.0)	0.8	(0.0)	1.1	(0.1)	1.7	(0.0)	2.9	(0.0)	2.9	(0.0)	3.8	(0.1)
Austria	1.7	(0.0)	0.6	(0.0)	0.7	(0.1)	1.3	(0.1)	2.1	(0.1)	2.1	(0.1)	2.9	(0.2)
Belgium	2.2	(0.0)	0.8	(0.0)	1.0	(0.1)	1.7	(0.0)	2.6	(0.1)	2.6	(0.1)	3.7	(0.2)
Canada	2.8	(0.1)	1.1	(0.0)	1.4	(0.1)	2.1	(0.1)	3.5	(0.1)	3.5	(0.1)	4.8	(0.1)
Czech Republic	1.7	(0.0)	0.6	(0.1)	0.9	(0.1)	1.2	(0.1)	2.0	(0.0)	2.0	(0.0)	2.8	(0.2)
Denmark	2.6	(0.0)	0.7	(0.1)	1.5	(0.2)	2.2	(0.1)	2.9	(0.1)	2.9	(0.1)	3.7	(0.1)
Finland	1.5	(0.0)	0.4	(0.0)	0.9	(0.0)	1.2	(0.0)	1.7	(0.0)	1.7	(0.0)	2.1	(0.1)
France	2.5	(0.0)	0.7	(0.0)	1.5	(0.1)	2.1	(0.1)	2.9	(0.1)	2.9	(0.1)	3.8	(0.2)
Germany	2.6	(0.1)	0.7	(0.1)	1.5	(0.1)	2.1	(0.0)	3.1	(0.1)	3.1	(0.1)	3.7	(0.3)
Greece	3.3	(0.1)	1.0	(0.0)	1.6	(0.1)	2.7	(0.1)	4.0	(0.1)	4.0	(0.1)	4.9	(0.2)
Hungary	3.3	(0.1)	0.8	(0.0)	2.0	(0.2)	2.8	(0.1)	3.8	(0.0)	3.8	(0.0)	4.3	(0.1)
Iceland	2.3	(0.0)	0.7	(0.0)	1.1	(0.0)	1.8	(0.0)	2.7	(0.0)	2.7	(0.0)	3.6	(0.0)
Ireland	2.8	(0.1)	0.6	(0.0)	1.9	(0.1)	2.4	(0.1)	3.2	(0.1)	3.2	(0.1)	4.0	(0.1)
Italy	3.5	(0.1)	1.2	(0.1)	1.7	(0.1)	2.7	(0.1)	4.3	(0.2)	4.3	(0.2)	5.3	(0.3)
Japan	1.9	(0.1)	1.5	(0.2)	0.6	(0.2)	1.0	(0.0)	2.5	(0.3)	2.5	(0.3)	5.3	(0.7)
Korea	1.7	(0.1)	0.8	(0.1)	0.7	(0.0)	1.1	(0.0)	2.1	(0.1)	2.1	(0.1)	3.1	(0.2)
Luxembourg	2.3	(0.0)	0.3	(0.0)	1.9	(0.0)	2.2	(0.0)	2.5	(0.0)	2.5	(0.0)	2.7	(0.0)
Mexico	3.2	(0.1)	1.2	(0.1)	1.5	(0.1)	2.4	(0.1)	3.8	(0.1)	3.8	(0.1)	5.2	(0.2)
Netherlands	1.9	(0.0)	0.5	(0.0)	1.0	(0.1)	1.5	(0.1)	2.3	(0.1)	2.3	(0.1)	2.7	(0.1)
New Zealand	1.7	(0.0)	0.6	(0.0)	0.9	(0.1)	1.3	(0.1)	2.1	(0.0)	2.1	(0.0)	2.9	(0.1)
Norway	1.8	(0.0)	0.5	(0.0)	1.1	(0.1)	1.5	(0.0)	2.1	(0.1)	2.1	(0.1)	3.0	(0.4)
Poland	4.1	(0.1)	1.1	(0.1)	2.7	(0.2)	3.4	(0.2)	4.8	(0.1)	4.8	(0.1)	6.0	(0.2)
Portugal	2.0	(0.0)	0.5	(0.0)	1.4	(0.1)	1.7	(0.1)	2.4	(0.1)	2.4	(0.1)	2.8	(0.2)
Slovak Republic	3.1	(0.1)	0.9	(0.0)	1.8	(0.1)	2.6	(0.1)	3.8	(0.1)	3.8	(0.1)	4.5	(0.1)
Spain	2.9	(0.1)	0.8	(0.0)	1.8	(0.0)	2.4	(0.1)	3.5	(0.1)	3.5	(0.1)	4.1	(0.2)
Sweden	1.3	(0.0)	0.5	(0.0)	0.7	(0.0)	0.9	(0.0)	1.5	(0.1)	1.5	(0.1)	2.3	(0.2)
Switzerland	1.9	(0.0)	0.7	(0.0)	0.9	(0.1)	1.4	(0.1)	2.3	(0.1)	2.3	(0.1)	3.1	(0.2)
Turkey	2.8	(0.1)	0.7	(0.0)	1.7	(0.1)	2.3	(0.1)	3.3	(0.2)	3.3	(0.2)	3.9	(0.1)
United States	2.7	(0.1)	0.9	(0.0)	1.4	(0.1)	2.1	(0.1)	3.4	(0.1)	3.4	(0.1)	4.3	(0.2)
OECD average	2.4	(0.0)	0.8	(0.0)	1.3	(0.0)	1.9	(0.0)	2.9	(0.0)	2.9	(0.0)	3.8	(0.0)
Partners														
Brazil	2.4	(0.1)	0.9	(0.0)	1.3	(0.0)	1.8	(0.0)	2.9	(0.1)	2.9	(0.1)	3.9	(0.2)
Hong Kong-China	3.1	(0.1)	1.2	(0.1)	1.2	(0.1)	2.2	(0.1)	3.7	(0.2)	3.7	(0.2)	5.4	(0.4)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	3.7	(0.1)	0.8	(0.0)	2.5	(0.1)	3.1	(0.1)	4.3	(0.1)	4.3	(0.1)	5.0	(0.1)
Liechtenstein	1.7	(0.0)	0.5	(0.0)	1.2	(0.2)	1.4	(0.0)	1.8	(0.1)	1.8	(0.1)	2.2	(0.0)
Macao-China	4.3	(0.0)	1.6	(0.0)	2.0	(0.0)	3.1	(0.0)	5.3	(0.0)	5.3	(0.0)	7.3	(0.0)
Russian Fed.	5.0	(0.1)	1.2	(0.1)	3.1	(0.3)	4.2	(0.2)	5.7	(0.1)	5.7	(0.1)	7.2	(0.3)
Serbia	2.4	(0.1)	0.8	(0.1)	1.2	(0.1)	1.9	(0.1)	2.8	(0.1)	2.8	(0.1)	3.8	(0.2)
Thailand	4.0	(0.1)	1.4	(0.1)	2.2	(0.0)	2.9	(0.2)	5.0	(0.2)	5.0	(0.2)	6.8	(0.4)
Tunisia	2.7	(0.1)	0.9	(0.1)	1.6	(0.1)	2.2	(0.1)	3.2	(0.1)	3.2	(0.1)	4.4	(0.2)
Uruguay	2.8	(0.1)	0.8	(0.1)	1.7	(0.1)	2.3	(0.1)	3.4	(0.1)	3.4	(0.1)	3.9	(0.1)
United Kingdom ¹	2.0	(0.0)	0.6	(0.0)	1.2	(0.1)	1.6	(0.1)	2.3	(0.0)	2.3	(0.0)	3.3	(0.1)

1. Response rate too low to ensure comparability.

Table A.7
School principals' views on mathematics teachers' support for innovative teaching practices

	Percentage of school principals agreeing or strongly agreeing with the following statements:					
	Mathematics teachers are interested in trying new methods and teaching practices.		There is a preference among mathematics teachers to stay with well-known methods and practices.		There are frequent disagreements between "innovative" and "traditional" mathematics teachers.	
	%	S.E.	%	S.E.	%	S.E.
OECD						
Australia	75.2	(2.8)	70.3	(2.8)	26.6	(2.8)
Austria	83.2	(3.0)	36.2	(3.8)	12.1	(2.5)
Belgium	74.5	(2.7)	66.4	(2.6)	34.0	(3.2)
Canada	85.2	(1.7)	74.7	(2.1)	24.3	(2.1)
Czech Republic	92.8	(1.8)	59.9	(3.1)	11.6	(2.2)
Denmark	93.5	(1.6)	42.6	(3.6)	18.7	(3.2)
Finland	74.4	(3.4)	42.7	(3.7)	16.8	(3.0)
France	w	w	w	w	w	w
Germany	77.7	(2.6)	35.7	(3.0)	23.7	(3.0)
Greece	84.6	(3.2)	67.5	(4.2)	20.5	(4.6)
Hungary	94.1	(1.6)	89.2	(2.5)	6.2	(1.7)
Iceland	86.1	(0.1)	48.7	(0.2)	13.8	(0.1)
Ireland	72.5	(3.6)	76.4	(4.1)	11.9	(2.6)
Italy	87.9	(2.4)	79.6	(3.0)	24.8	(3.5)
Japan	63.2	(4.0)	35.2	(3.9)	8.4	(2.5)
Korea	87.0	(2.8)	71.2	(3.7)	20.2	(3.3)
Luxembourg	68.7	(0.1)	81.9	(0.0)	29.0	(0.1)
Mexico	87.0	(1.6)	74.8	(3.0)	53.3	(3.1)
Netherlands	58.8	(4.4)	56.2	(4.2)	26.1	(4.0)
New Zealand	83.7	(2.8)	53.8	(3.6)	14.7	(2.2)
Norway	84.0	(2.7)	54.0	(3.7)	28.8	(3.9)
Poland	92.5	(2.2)	20.5	(3.4)	11.9	(2.5)
Portugal	90.4	(3.4)	36.9	(4.4)	34.6	(4.6)
Slovak Republic	97.1	(1.0)	86.0	(2.2)	12.3	(2.7)
Spain	88.1	(2.4)	59.9	(3.3)	20.6	(3.5)
Sweden	83.2	(2.8)	54.3	(3.5)	29.9	(3.6)
Switzerland	78.3	(3.5)	52.9	(4.3)	18.3	(2.4)
Turkey	79.9	(4.1)	85.8	(3.0)	36.8	(4.4)
United States	86.7	(2.4)	75.3	(2.9)	25.8	(2.8)
OECD average	82.9	(0.5)	59.8	(0.6)	21.6	(0.6)
Partners						
Brazil	90.3	(2.3)	58.3	(3.6)	34.6	(3.5)
Hong Kong-China	94.7	(1.9)	85.8	(2.7)	17.0	(3.2)
Indonesia	98.1	(1.2)	53.6	(3.6)	50.7	(3.9)
Latvia	97.6	(1.2)	78.1	(3.8)	14.4	(2.8)
Liechtenstein	97.9	(0.0)	47.9	(0.4)	0.0	(0.0)
Macao-China	99.4	(0.0)	79.2	(0.2)	3.9	(0.1)
Russian Fed.	96.5	(1.3)	92.8	(2.4)	12.2	(2.0)
Serbia	88.1	(2.6)	68.7	(4.0)	19.5	(3.6)
Thailand	95.2	(1.7)	90.8	(2.5)	28.2	(3.4)
Tunisia	92.1	(2.3)	97.9	(1.2)	32.7	(4.0)
Uruguay	84.0	(3.6)	42.2	(4.7)	36.1	(4.3)
United Kingdom ¹	92.2	(1.7)	46.2	(3.3)	11.8	(2.1)

1. Response rate too low to ensure comparability.

Table A.8
School principals' perceptions of mathematics teachers' expectations

	Percentage of school principals agreeing or strongly agreeing with the following statements:					
	There is consensus among mathematics teachers that academic achievement must be kept as high as possible.		There is consensus among mathematics teachers that it is best to adapt academic standards to the students' level and needs.		There are frequent disagreements between mathematics teachers who consider each other to be "too demanding" or "too lax".	
	%	S.E.	%	S.E.	%	S.E.
OECD						
Australia	96.8	(1.1)	73.4	(2.3)	12.2	(2.2)
Austria	87.0	(2.7)	44.7	(3.9)	14.3	(2.8)
Belgium	84.2	(2.5)	58.6	(3.6)	27.9	(2.9)
Canada	95.2	(1.3)	59.1	(2.2)	21.3	(2.0)
Czech Republic	91.9	(1.7)	61.0	(3.2)	11.1	(2.0)
Denmark	99.3	(0.5)	92.4	(2.1)	3.3	(1.3)
Finland	92.9	(2.0)	76.2	(3.2)	10.6	(2.6)
France	w	w	w	w	w	w
Germany	89.1	(1.8)	22.7	(2.6)	16.3	(3.0)
Greece	85.1	(3.7)	79.1	(4.0)	24.7	(4.9)
Hungary	84.1	(3.0)	73.8	(3.4)	16.1	(3.0)
Iceland	99.0	(0.0)	67.8	(0.2)	13.7	(0.1)
Ireland	93.9	(2.1)	83.6	(2.9)	11.3	(2.9)
Italy	87.4	(2.3)	73.0	(3.3)	34.1	(3.6)
Japan	72.3	(3.8)	68.8	(4.0)	3.0	(1.5)
Korea	85.8	(2.9)	97.2	(1.4)	13.8	(2.9)
Luxembourg	100.0	(0.0)	16.3	(0.0)	40.6	(0.1)
Mexico	86.7	(2.6)	69.4	(3.7)	54.1	(3.0)
Netherlands	96.2	(1.5)	73.4	(3.8)	23.7	(4.2)
New Zealand	95.4	(1.7)	83.2	(2.6)	8.3	(2.2)
Norway	98.2	(1.0)	87.7	(2.4)	9.5	(2.4)
Poland	94.6	(1.8)	96.2	(1.6)	14.5	(2.6)
Portugal	61.2	(4.3)	81.4	(3.7)	39.9	(4.1)
Slovak Republic	91.9	(1.8)	64.5	(3.7)	19.8	(3.1)
Spain	87.5	(2.7)	81.5	(3.4)	16.9	(3.3)
Sweden	56.5	(3.6)	90.9	(2.0)	21.7	(3.1)
Switzerland	91.2	(3.2)	41.5	(4.0)	10.3	(1.9)
Turkey	77.8	(4.1)	84.1	(3.7)	43.6	(3.9)
United States	98.4	(0.9)	66.2	(3.0)	20.0	(3.1)
OECD average	88.9	(0.4)	70.6	(0.6)	19.4	(0.5)
Partners						
Brazil	78.3	(3.4)	80.1	(2.7)	38.4	(3.3)
Hong Kong-China	93.8	(2.0)	95.4	(1.7)	11.8	(2.8)
Indonesia	99.8	(0.1)	99.1	(0.4)	30.9	(3.5)
Latvia	92.3	(2.3)	84.2	(3.1)	11.7	(2.9)
Liechtenstein	89.3	(0.4)	30.8	(0.5)	9.5	(0.1)
Macao-China	85.1	(0.2)	85.4	(0.2)	9.8	(0.1)
Russian Fed.	92.9	(2.1)	96.1	(2.1)	25.0	(3.8)
Serbia	89.6	(2.9)	88.0	(2.8)	38.7	(3.3)
Thailand	88.3	(2.8)	94.7	(2.1)	38.3	(3.5)
Tunisia	98.0	(1.1)	88.7	(2.6)	51.2	(4.2)
Uruguay	88.9	(2.3)	58.6	(4.2)	40.3	(4.2)
United Kingdom ¹	97.8	(1.1)	80.7	(2.4)	6.0	(1.7)

1. Response rate too low to ensure comparability.

Table A.9
School principals' perceptions of mathematics teachers' support of teaching goals

	Percentage of school principals agreeing or strongly agreeing with the following statements:					
	There is consensus among mathematics teachers that the social and emotional development of the student is as important as their acquisition of mathematical skills and knowledge in mathematics classes.		There is consensus among mathematics teachers that the development of students' mathematical skills and knowledge is the most important objective in mathematics classes.		There are frequent disagreements between mathematics teachers who consider each other as "too focused on skill acquisition" or "too focused on the affective development" of the student.	
	%	S.E.	%	S.E.	%	S.E.
OECD						
Australia	74.8	(2.7)	83.0	(2.2)	13.0	(2.3)
Austria	62.7	(3.7)	71.9	(3.5)	9.4	(2.4)
Belgium	62.5	(2.8)	76.7	(2.9)	16.2	(2.6)
Canada	66.5	(2.3)	87.2	(1.5)	12.3	(1.5)
Czech Republic	76.3	(2.7)	76.3	(3.0)	9.4	(2.0)
Denmark	60.9	(3.4)	77.5	(2.7)	7.0	(1.8)
Finland	65.3	(3.6)	75.9	(3.4)	9.5	(2.2)
France	w	w	w	w	w	w
Germany	73.2	(3.2)	79.7	(2.9)	7.1	(1.4)
Greece	78.7	(4.7)	76.5	(4.3)	15.7	(3.9)
Hungary	75.4	(3.7)	84.6	(2.6)	8.3	(2.2)
Iceland	80.8	(0.2)	93.3	(0.1)	13.8	(0.1)
Ireland	71.6	(4.0)	76.3	(4.0)	11.7	(2.5)
Italy	73.3	(3.0)	78.6	(3.1)	23.0	(3.1)
Japan	66.8	(4.6)	57.8	(4.1)	0.0	(0.0)
Korea	93.1	(2.0)	82.7	(3.2)	10.2	(2.4)
Luxembourg	50.7	(0.1)	89.5	(0.1)	18.5	(0.1)
Mexico	86.5	(2.3)	79.4	(3.4)	46.7	(2.9)
Netherlands	44.2	(4.6)	87.0	(3.3)	13.2	(3.2)
New Zealand	61.9	(3.2)	88.8	(2.0)	5.1	(1.4)
Norway	70.0	(3.4)	89.2	(2.8)	12.7	(2.6)
Poland	95.5	(1.7)	66.8	(3.4)	9.4	(2.3)
Portugal	63.0	(4.5)	80.1	(3.7)	18.7	(3.7)
Slovak Republic	88.8	(2.1)	75.0	(2.5)	15.6	(3.1)
Spain	78.4	(3.3)	81.9	(2.9)	11.3	(2.8)
Sweden	70.1	(3.5)	92.1	(2.1)	14.2	(2.6)
Switzerland	74.5	(3.9)	76.9	(3.3)	8.1	(1.5)
Turkey	84.2	(3.9)	81.4	(3.8)	32.6	(4.3)
United States	70.2	(3.1)	91.5	(1.9)	10.2	(2.2)
OECD average	71.7	(0.6)	80.8	(0.5)	13.3	(0.5)
Partners						
Brazil	84.5	(2.9)	67.7	(3.3)	24.2	(3.3)
Hong Kong-China	77.7	(3.4)	90.8	(2.4)	6.5	(2.1)
Indonesia	94.0	(1.7)	96.0	(1.3)	35.2	(3.6)
Latvia	86.2	(2.9)	78.7	(3.8)	8.2	(2.4)
Liechtenstein	64.2	(0.4)	83.1	(0.4)	0.0	(0.0)
Macao-China	85.7	(0.2)	78.8	(0.1)	5.6	(0.1)
Russian Fed.	91.4	(2.3)	85.2	(2.2)	19.1	(2.9)
Serbia	62.9	(4.4)	85.2	(3.5)	17.0	(2.9)
Thailand	99.3	(0.6)	95.9	(1.6)	27.5	(3.6)
Tunisia	70.3	(3.8)	91.8	(2.3)	32.2	(3.8)
Uruguay	76.6	(3.3)	69.0	(2.6)	24.5	(4.0)
United Kingdom ¹	58.5	(4.0)	86.3	(2.3)	2.3	(0.9)

1. Response rate too low to ensure comparability.

Table A.10
Streaming of students in some or all mathematics classes

	Mathematics classes study similar content. but at different levels of difficulty						Different classes study different content or sets of mathematics topics that have different levels of difficulty					
	For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	32.2	(3.1)	56.8	(2.9)	11.0	(2.0)	22.9	(2.8)	60.4	(3.2)	16.7	(2.6)
Austria	16.3	(1.9)	13.7	(2.7)	70.1	(2.1)	m	m	m	m	m	m
Belgium	4.4	(1.3)	46.8	(3.1)	48.8	(3.0)	16.8	(1.8)	44.1	(2.9)	39.1	(3.1)
Canada	26.6	(2.2)	54.4	(2.2)	19.1	(2.0)	33.4	(1.9)	52.5	(2.1)	14.0	(1.6)
Czech Republic	7.6	(1.7)	17.6	(2.5)	74.7	(2.8)	8.7	(2.3)	23.7	(3.1)	67.6	(3.5)
Denmark	23.0	(3.4)	23.3	(3.7)	53.7	(4.1)	14.7	(2.8)	23.6	(3.5)	61.8	(3.3)
Finland	10.9	(2.2)	27.6	(3.7)	61.5	(3.8)	1.4	(0.9)	32.7	(3.5)	66.0	(3.5)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	24.2	(2.9)	18.2	(2.8)	57.5	(3.2)	12.2	(2.5)	16.6	(2.6)	71.2	(2.9)
Greece	6.2	(3.0)	12.8	(3.6)	80.9	(3.5)	0.0	(0.0)	4.7	(2.2)	95.3	(2.2)
Hungary	19.3	(3.5)	37.3	(4.0)	43.4	(4.0)	5.7	(2.0)	24.1	(3.4)	70.1	(3.7)
Iceland	52.7	(0.2)	19.2	(0.1)	28.2	(0.2)	22.9	(0.1)	34.7	(0.2)	42.4	(0.2)
Ireland	60.9	(4.4)	34.4	(4.4)	4.7	(1.9)	27.0	(4.0)	45.8	(4.3)	27.1	(4.0)
Italy	21.5	(2.7)	34.0	(3.5)	44.5	(3.1)	9.8	(2.2)	45.6	(3.4)	44.6	(3.6)
Japan	13.7	(2.6)	29.8	(3.8)	56.6	(4.4)	3.4	(1.5)	23.9	(3.3)	72.7	(3.5)
Korea	10.9	(2.8)	60.2	(4.5)	28.9	(3.8)	2.3	(1.3)	55.0	(4.1)	42.7	(4.0)
Luxembourg	4.3	(0.0)	41.8	(0.1)	54.0	(0.1)	19.0	(0.0)	41.3	(0.1)	39.7	(0.1)
Mexico	15.6	(2.4)	56.3	(3.7)	28.0	(3.3)	13.5	(1.8)	57.2	(3.3)	29.3	(3.0)
Netherlands	34.8	(4.4)	42.4	(4.2)	22.7	(3.6)	39.7	(4.2)	38.7	(4.1)	21.6	(3.8)
New Zealand	37.0	(3.5)	59.8	(3.4)	3.2	(1.2)	14.6	(2.4)	76.8	(3.0)	8.7	(2.1)
Norway	78.1	(3.5)	14.2	(2.9)	7.6	(2.0)	8.0	(2.2)	17.3	(3.3)	74.7	(3.7)
Poland	41.9	(3.8)	38.2	(3.9)	20.0	(3.2)	1.0	(0.7)	21.1	(3.1)	78.0	(3.2)
Portugal	32.3	(4.1)	39.5	(4.3)	28.2	(4.3)	0.7	(0.5)	9.8	(2.2)	89.5	(2.2)
Slovak Republic	44.2	(3.7)	25.8	(3.1)	30.0	(3.4)	11.8	(2.9)	21.7	(2.6)	66.5	(3.5)
Spain	33.3	(3.6)	58.3	(3.5)	8.4	(2.4)	6.9	(1.8)	50.5	(3.9)	42.5	(3.9)
Sweden	50.7	(3.9)	39.6	(3.9)	9.7	(2.2)	12.4	(2.6)	45.2	(4.0)	42.4	(3.7)
Switzerland	19.9	(2.3)	46.6	(4.1)	33.5	(3.9)	20.7	(3.3)	34.9	(3.9)	44.4	(3.6)
Turkey	33.2	(4.4)	41.9	(4.7)	24.9	(3.6)	23.5	(4.0)	39.9	(4.1)	36.6	(4.2)
United States	25.4	(3.0)	65.5	(3.3)	9.1	(2.0)	31.4	(3.2)	56.2	(3.3)	12.4	(2.3)
OECD average	29.8	(0.6)	37.0	(0.6)	33.3	(0.6)	14.8	(0.5)	37.1	(0.6)	48.1	(0.6)
Partners												
Brazil	44.3	(3.5)	28.7	(3.3)	27.0	(3.4)	29.8	(3.3)	27.4	(3.7)	42.8	(3.7)
Hong Kong-China	15.9	(3.2)	70.3	(4.0)	13.8	(3.2)	14.1	(2.9)	54.7	(4.3)	31.2	(4.1)
Indonesia	46.9	(3.1)	24.4	(3.5)	28.7	(3.3)	31.0	(3.3)	17.8	(2.8)	51.2	(3.7)
Latvia	34.3	(4.9)	52.4	(5.1)	13.3	(3.3)	13.1	(3.2)	47.0	(4.8)	39.8	(4.7)
Liechtenstein	21.6	(0.5)	37.0	(0.4)	41.4	(0.4)	11.2	(0.5)	70.4	(0.5)	18.3	(0.2)
Macao-China	7.2	(0.0)	40.6	(0.2)	52.2	(0.2)	17.9	(0.2)	32.2	(0.2)	49.9	(0.2)
Russian Fed.	33.4	(3.4)	56.1	(3.9)	10.6	(2.6)	24.7	(3.4)	40.5	(3.8)	34.8	(4.1)
Serbia	15.7	(3.2)	61.0	(4.3)	23.3	(3.8)	15.7	(3.2)	55.9	(4.5)	28.4	(3.9)
Thailand	27.6	(3.8)	41.9	(4.0)	30.5	(4.2)	36.6	(4.6)	34.1	(4.1)	29.3	(4.0)
Tunisia	36.1	(3.9)	11.4	(2.3)	52.5	(3.9)	17.7	(3.6)	12.7	(2.7)	69.6	(4.1)
Uruguay	13.3	(2.5)	56.9	(4.1)	29.8	(4.3)	7.6	(1.8)	35.6	(4.6)	56.9	(4.5)
United Kingdom ¹	82.3	(2.2)	16.1	(2.2)	1.6	(0.3)	29.0	(3.6)	40.5	(3.9)	30.5	(3.7)

1. Response rate too low to ensure comparability.

Table A.11
Ability grouping within mathematics classes

	Students are grouped by ability within their mathematics classes						In mathematics classes, teachers use a pedagogy suitable for students with heterogeneous abilities (i.e. students are not grouped by ability)					
	For all classes		For some classes		Not for any classes		For all classes		For some classes		Not for any classes	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	49.6	(3.1)	34.4	(2.9)	16.1	(2.3)	18.1	(2.5)	44.5	(3.0)	37.4	(3.0)
Austria	7.7	(2.0)	19.7	(3.0)	72.5	(2.7)	23.7	(3.2)	40.0	(3.2)	36.3	(3.8)
Belgium	2.1	(0.7)	16.7	(2.5)	81.1	(2.5)	50.2	(3.2)	31.3	(3.1)	18.5	(2.1)
Canada	18.4	(2.0)	34.6	(2.4)	47.0	(2.5)	37.0	(2.2)	38.8	(2.1)	24.2	(2.1)
Czech Republic	13.1	(2.2)	28.8	(3.2)	58.2	(3.1)	53.4	(3.5)	30.7	(3.0)	15.8	(2.4)
Denmark	5.4	(1.8)	15.2	(2.8)	79.3	(2.9)	73.8	(3.1)	18.2	(3.1)	8.0	(1.6)
Finland	7.0	(2.0)	36.2	(3.9)	56.8	(4.3)	39.9	(3.9)	45.7	(4.3)	14.4	(2.9)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	11.2	(2.3)	34.6	(3.6)	54.2	(3.5)	35.2	(3.6)	17.0	(2.4)	47.8	(3.6)
Greece	0.6	(0.5)	1.3	(1.1)	98.1	(1.3)	62.0	(4.7)	12.6	(3.9)	25.4	(4.1)
Hungary	15.2	(2.9)	38.9	(4.2)	45.9	(4.3)	49.2	(4.4)	38.6	(4.0)	12.1	(2.5)
Iceland	23.3	(0.1)	46.4	(0.2)	30.4	(0.2)	47.9	(0.2)	39.2	(0.2)	12.9	(0.1)
Ireland	49.3	(4.2)	28.1	(4.2)	22.6	(3.7)	27.1	(4.2)	42.7	(4.6)	30.3	(4.1)
Italy	2.7	(1.4)	21.4	(3.2)	75.8	(3.5)	39.1	(3.3)	37.3	(3.6)	23.7	(2.8)
Japan	13.8	(2.7)	22.4	(3.5)	63.7	(4.2)	19.6	(3.5)	18.7	(3.3)	61.7	(3.9)
Korea	5.9	(1.9)	64.6	(3.9)	29.5	(3.8)	14.9	(2.7)	69.4	(4.0)	15.7	(3.1)
Luxembourg	0.0	(0.0)	6.9	(0.0)	93.1	(0.0)	46.2	(0.1)	34.0	(0.1)	19.7	(0.0)
Mexico	8.1	(1.7)	40.5	(3.5)	51.4	(3.3)	32.1	(3.4)	41.5	(3.3)	26.4	(3.2)
Netherlands	11.5	(2.5)	44.8	(4.4)	43.8	(4.7)	29.7	(4.1)	39.1	(4.4)	31.2	(4.0)
New Zealand	19.3	(2.9)	66.1	(3.4)	14.6	(2.5)	23.5	(2.9)	57.5	(3.5)	19.0	(2.9)
Norway	4.7	(1.7)	22.1	(3.2)	73.2	(3.6)	78.0	(3.4)	16.1	(3.0)	5.9	(1.9)
Poland	3.5	(1.5)	17.7	(3.1)	78.9	(3.4)	73.3	(3.3)	18.9	(3.0)	7.8	(2.2)
Portugal	0.5	(0.5)	13.8	(2.8)	85.8	(2.9)	67.5	(4.2)	16.9	(3.0)	15.6	(3.1)
Slovak Republic	8.0	(1.6)	26.8	(3.5)	65.2	(3.4)	53.3	(3.5)	22.5	(3.2)	24.3	(2.8)
Spain	8.3	(1.4)	33.7	(3.2)	58.1	(3.1)	51.0	(3.6)	32.7	(3.1)	16.3	(2.9)
Sweden	22.3	(3.4)	44.8	(3.5)	33.0	(3.6)	34.0	(4.0)	45.2	(3.7)	20.8	(3.1)
Switzerland	13.9	(2.6)	27.5	(3.6)	58.6	(3.3)	42.2	(3.8)	28.9	(3.8)	28.9	(3.5)
Turkey	8.0	(2.7)	16.9	(3.6)	75.1	(4.3)	12.4	(3.0)	27.5	(4.2)	60.1	(5.1)
United States	21.9	(3.3)	45.7	(3.6)	32.4	(3.1)	14.2	(2.3)	46.6	(3.8)	39.2	(3.8)
OECD average	14.0	(0.4)	30.3	(0.6)	55.7	(0.6)	39.9	(0.6)	33.6	(0.6)	26.5	(0.6)
Partners												
Brazil	5.8	(1.7)	8.9	(2.4)	85.3	(2.6)	30.4	(3.2)	16.5	(3.0)	53.1	(3.7)
Hong Kong-China	3.7	(1.6)	32.0	(3.9)	64.4	(3.9)	34.5	(3.9)	47.1	(4.5)	18.4	(3.1)
Indonesia	9.3	(2.3)	12.3	(2.1)	78.4	(3.1)	76.3	(3.3)	10.0	(2.3)	13.8	(2.7)
Latvia	5.1	(1.8)	71.2	(3.3)	23.7	(3.1)	43.7	(4.4)	52.1	(4.3)	4.2	(1.7)
Liechtenstein	25.4	(0.5)	35.8	(0.4)	38.8	(0.4)	33.1	(0.4)	33.7	(0.4)	33.1	(0.5)
Macao-China	0.0	(0.0)	12.7	(0.2)	87.3	(0.2)	63.4	(0.2)	17.2	(0.2)	19.4	(0.2)
Russian Fed.	8.3	(2.1)	71.4	(4.1)	20.3	(4.0)	43.1	(4.3)	53.6	(4.6)	3.3	(1.6)
Serbia	0.0	(0.0)	56.0	(4.9)	44.0	(4.9)	14.6	(3.3)	64.2	(4.3)	21.2	(3.8)
Thailand	13.2	(2.6)	43.5	(3.6)	43.3	(3.6)	35.5	(3.6)	48.6	(3.8)	16.0	(2.7)
Tunisia	6.3	(2.0)	11.1	(2.8)	82.6	(3.1)	63.6	(4.3)	7.9	(2.4)	28.5	(3.8)
Uruguay	0.0	(0.0)	11.9	(2.5)	88.1	(2.5)	44.3	(3.6)	44.2	(3.6)	11.5	(2.4)
United Kingdom ¹	50.6	(3.1)	27.3	(3.1)	22.1	(2.9)	9.2	(2.0)	22.0	(3.2)	68.8	(3.7)

1. Response rate too low to ensure comparability.

Table A.12
Methods of assessment

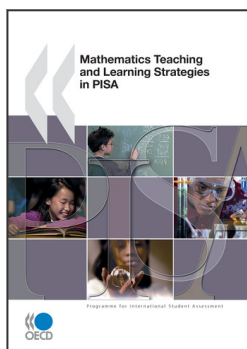
	Standardised tests				Teacher tests				Teacher ratings				Student portfolios				Student assignments			
	1-2 times a year		More than 3 times a year		1-2 times a year		More than 3 times a year		1-2 times a year		More than 3 times a year		1-2 times a year		More than 3 times a year		1-2 times a year		More than 3 times a year	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																				
Australia	49.8	(3.3)	11.3	(2.0)	3.3	(1.2)	96.2	(1.3)	16.5	(2.2)	76.2	(2.5)	36.4	(3.0)	40.4	(2.7)	1.3	(0.7)	98.2	(0.8)
Austria	19.8	(3.2)	11.9	(2.6)	7.7	(2.2)	92.3	(2.2)	4.6	(2.1)	95.4	(2.1)	42.5	(4.1)	43.5	(4.0)	9.6	(2.3)	89.0	(2.4)
Belgium	20.5	(2.8)	9.5	(1.9)	8.2	(1.5)	90.9	(1.6)	4.2	(1.1)	90.5	(1.8)	34.9	(3.0)	42.5	(3.0)	3.8	(1.2)	95.0	(1.4)
Canada	70.6	(1.8)	12.6	(1.5)	1.0	(0.5)	99.0	(0.5)	8.7	(1.3)	73.8	(2.1)	41.8	(2.2)	38.6	(2.3)	2.1	(0.7)	97.9	(0.7)
Czech Republic	69.1	(3.2)	9.3	(1.7)	6.3	(1.6)	93.3	(1.6)	15.0	(2.2)	81.7	(2.6)	30.3	(2.9)	65.4	(3.0)	8.0	(2.1)	91.9	(2.1)
Denmark	70.8	(3.0)	16.4	(3.0)	31.3	(3.4)	65.3	(3.3)	44.2	(3.8)	55.0	(3.7)	11.8	(2.4)	81.9	(2.9)	11.1	(2.2)	88.0	(2.1)
Finland	83.2	(2.9)	16.5	(2.9)	0.0	(0.0)	100.0	(0.0)	39.5	(3.6)	55.9	(3.8)	57.2	(3.8)	16.3	(3.1)	11.6	(2.5)	88.4	(2.5)
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Germany	37.1	(3.2)	6.3	(1.5)	4.0	(1.5)	96.0	(1.5)	9.0	(1.9)	89.5	(2.2)	45.1	(3.6)	52.9	(3.7)	9.0	(2.0)	90.4	(2.1)
Greece	32.4	(5.4)	32.0	(5.8)	8.0	(2.5)	92.0	(2.5)	43.8	(5.1)	56.2	(5.1)	37.7	(4.8)	17.0	(4.1)	54.1	(5.4)	14.7	(4.3)
Hungary	71.7	(4.0)	18.9	(3.4)	1.3	(0.8)	98.5	(0.9)	14.2	(2.6)	82.5	(3.0)	51.0	(4.1)	47.4	(4.2)	1.2	(0.8)	98.8	(0.8)
Iceland	84.8	(0.2)	14.6	(0.1)	5.0	(0.1)	95.0	(0.1)	8.5	(0.1)	91.5	(0.1)	19.0	(0.2)	80.3	(0.2)	4.0	(0.1)	96.0	(0.1)
Ireland	44.8	(4.5)	10.5	(2.8)	25.6	(4.2)	74.4	(4.2)	22.9	(3.7)	72.7	(4.0)	48.2	(4.3)	13.3	(3.0)	2.7	(1.4)	94.5	(1.8)
Italy	38.2	(3.4)	38.2	(3.4)	5.6	(1.7)	93.4	(1.8)	7.8	(1.8)	85.0	(2.7)	20.3	(2.5)	76.0	(2.8)	8.7	(1.8)	90.0	(1.9)
Japan	32.7	(4.2)	24.1	(3.4)	0.7	(0.7)	99.3	(0.7)	15.5	(3.3)	79.8	(3.6)	15.4	(3.3)	84.6	(3.3)	18.0	(3.4)	82.0	(3.4)
Korea	36.1	(4.0)	58.7	(3.8)	2.4	(1.4)	97.6	(1.4)	32.7	(3.9)	66.6	(4.0)	46.7	(4.5)	44.4	(4.7)	34.2	(4.2)	65.4	(4.2)
Luxembourg	82.4	(0.1)	10.7	(0.0)	7.6	(0.0)	84.3	(0.1)	5.3	(0.0)	84.4	(0.0)	33.5	(0.1)	41.0	(0.1)	10.0	(0.0)	87.6	(0.0)
Mexico	34.5	(3.4)	40.6	(3.4)	8.1	(1.5)	88.2	(2.0)	24.7	(2.5)	55.4	(3.1)	18.1	(2.2)	75.2	(2.7)	19.1	(2.5)	75.0	(3.0)
Netherlands	30.9	(4.5)	44.2	(4.4)	0.0	(0.0)	99.5	(0.5)	20.2	(3.3)	52.1	(4.3)	28.2	(3.9)	16.4	(3.3)	8.7	(2.2)	89.9	(2.4)
New Zealand	29.4	(3.1)	51.6	(3.3)	4.6	(1.4)	95.4	(1.4)	22.7	(2.8)	66.3	(2.9)	50.8	(3.5)	39.7	(3.5)	5.9	(1.5)	91.6	(2.0)
Norway	64.9	(4.1)	29.7	(3.5)	0.0	(0.0)	100.0	(0.0)	21.1	(3.3)	78.9	(3.3)	30.6	(3.9)	23.4	(3.7)	4.4	(1.6)	95.0	(1.5)
Poland	73.5	(3.6)	20.1	(3.0)	6.6	(1.8)	93.4	(1.8)	21.2	(3.2)	13.2	(2.9)	37.3	(3.7)	26.7	(3.4)	4.2	(1.6)	95.8	(1.6)
Portugal	82.6	(3.5)	0.0	(0.0)	0.0	(0.0)	100.0	(0.0)	0.6	(0.6)	99.4	(0.6)	38.4	(4.8)	20.6	(3.6)	7.7	(2.4)	92.3	(2.4)
Slovak Republic	59.2	(3.1)	16.5	(3.2)	6.9	(1.4)	93.1	(1.4)	5.1	(1.6)	94.9	(1.6)	46.5	(3.6)	43.7	(3.6)	14.6	(2.3)	84.8	(2.3)
Spain	30.5	(3.3)	36.4	(3.3)	0.0	(0.0)	100.0	(0.0)	4.0	(1.2)	88.3	(2.2)	3.0	(0.9)	96.0	(1.0)	2.9	(1.1)	97.1	(1.1)
Sweden	55.9	(4.1)	41.0	(4.1)	2.1	(1.0)	96.2	(1.5)	9.8	(2.4)	89.0	(2.6)	26.0	(3.6)	13.1	(2.8)	3.4	(1.4)	94.6	(1.8)
Switzerland	38.7	(4.2)	11.1	(2.4)	2.0	(0.7)	97.8	(0.7)	13.6	(2.2)	84.5	(2.3)	32.3	(3.8)	17.7	(2.4)	14.0	(2.3)	85.3	(2.3)
Turkey	44.9	(5.3)	42.6	(5.0)	42.6	(4.1)	40.0	(4.5)	51.8	(4.9)	42.1	(4.8)	54.8	(4.9)	32.0	(4.2)	62.9	(4.5)	35.5	(4.6)
United States	77.1	(3.0)	21.3	(2.8)	0.5	(0.5)	99.5	(0.5)	4.2	(1.4)	95.1	(1.5)	47.2	(3.7)	32.3	(3.3)	0.5	(0.5)	99.5	(0.5)
OECD average	52.6	(0.7)	23.0	(0.6)	7.2	(0.3)	91.4	(0.3)	17.8	(0.5)	74.8	(0.6)	36.0	(0.6)	43.3	(0.6)	11.9	(0.4)	86.1	(0.4)
Partners																				
Brazil	27.2	(3.0)	33.1	(3.4)	1.3	(0.8)	96.6	(1.2)	5.2	(1.9)	90.3	(2.2)	3.1	(1.3)	94.4	(1.8)	1.7	(1.0)	96.6	(1.4)
Hong Kong-China	m	m	m	m	5.9	(2.0)	94.1	(2.0)	48.7	(4.8)	35.3	(4.2)	44.5	(4.2)	16.5	(3.4)	25.1	(3.8)	74.9	(3.8)
Indonesia	50.0	(3.8)	16.1	(2.9)	6.4	(1.4)	77.5	(3.3)	40.9	(3.4)	53.4	(3.4)	24.5	(4.1)	27.8	(3.4)	2.4	(1.3)	91.8	(2.0)
Latvia	50.2	(4.0)	49.4	(4.0)	3.3	(1.3)	96.7	(1.3)	5.9	(2.1)	92.5	(2.4)	28.3	(3.7)	71.3	(3.7)	11.3	(2.7)	88.1	(2.8)
Liechtenstein	74.0	(0.5)	9.5	(0.1)	0.0	(0.0)	100.0	(0.0)	17.7	(0.4)	82.3	(0.4)	73.7	(0.3)	21.0	(0.3)	13.0	(0.5)	87.0	(0.5)
Macao-China	m	m	m	m	2.4	(0.0)	97.6	(0.0)	26.9	(0.2)	62.6	(0.2)	28.4	(0.3)	42.5	(0.3)	16.0	(0.1)	84.0	(0.1)
Russian Fed.	54.8	(4.3)	26.8	(3.9)	5.2	(1.8)	94.6	(1.8)	19.7	(3.0)	68.3	(2.9)	32.3	(4.1)	42.3	(4.5)	21.6	(3.2)	78.2	(3.2)
Serbia	35.6	(4.1)	6.8	(2.4)	32.3	(3.9)	67.1	(4.0)	2.7	(1.4)	95.6	(1.7)	13.9	(3.1)	5.9	(1.5)	50.5	(4.3)	40.0	(4.2)
Thailand	80.6	(3.5)	3.6	(1.4)	15.4	(2.9)	78.3	(3.4)	58.3	(4.1)	29.9	(3.4)	47.4	(4.5)	37.4	(4.0)	13.2	(2.8)	83.7	(3.0)
Tunisia	16.7	(3.3)	56.8	(4.1)	5.3	(1.6)	87.4	(2.4)	8.1	(2.5)	70.4	(3.9)	33.4	(4.0)	40.9	(4.1)	23.7	(3.8)	63.5	(4.1)
Uruguay	25.3	(3.4)	6.4	(2.1)	0.8	(0.5)	99.2	(0.5)	4.6	(1.6)	94.2	(1.8)	13.5	(2.5)	24.8	(2.4)	15.2	(3.4)	84.8	(3.4)
United Kingdom ¹	60.2	(3.5)	10.9	(2.2)	18.3	(2.7)	81.6	(2.7)	23.5	(3.5)	74.3	(3.6)	58.1	(3.5)	31.8	(3.4)	6.1	(1.7)	93.8	(1.7)

1. Response rate too low to ensure comparability.

Table A.13
Use of assessment results

	Inform parents about their child's progress		Student retention/promotion		Group students		Compare to national standards		School's progress		Teachers' effectiveness		Improve curriculum		Compare to other schools	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	100.0	(0.0)	61.5	(2.9)	77.8	(2.6)	54.9	(2.4)	76.5	(2.7)	34.0	(2.9)	81.5	(2.5)	38.7	(2.7)
Austria	92.2	(2.2)	93.2	(2.3)	31.8	(2.3)	12.4	(2.8)	59.2	(3.9)	35.6	(3.5)	65.6	(3.7)	38.0	(3.9)
Belgium	99.6	(0.4)	99.1	(0.6)	19.9	(2.4)	9.6	(2.2)	37.6	(2.8)	19.4	(2.4)	66.1	(3.0)	6.9	(1.7)
Canada	99.4	(0.3)	95.5	(1.0)	72.0	(2.1)	70.1	(2.2)	79.5	(1.8)	31.4	(2.4)	84.1	(1.8)	53.0	(2.4)
Czech Republic	98.3	(0.9)	91.8	(1.9)	35.2	(3.3)	50.0	(3.3)	85.6	(2.4)	61.7	(3.4)	88.7	(2.1)	55.3	(3.7)
Denmark	67.6	(3.5)	3.8	(0.9)	14.1	(2.6)	5.9	(1.7)	8.4	(2.0)	3.7	(1.4)	46.7	(3.9)	2.9	(1.3)
Finland	100.0	(0.0)	95.2	(0.9)	17.1	(3.0)	56.3	(4.0)	65.0	(4.1)	32.1	(3.5)	65.6	(3.6)	34.9	(3.5)
Germany	96.1	(1.4)	96.3	(1.2)	35.8	(3.0)	21.2	(3.2)	44.0	(3.2)	11.8	(2.3)	44.8	(3.9)	17.1	(2.7)
Greece	96.6	(2.0)	99.4	(0.5)	11.1	(2.1)	12.2	(2.8)	35.6	(5.7)	15.2	(4.4)	40.5	(5.3)	15.8	(3.0)
Hungary	99.1	(0.9)	94.7	(1.9)	34.8	(3.5)	86.4	(2.6)	95.8	(1.4)	77.0	(3.5)	93.7	(2.1)	77.5	(3.2)
Iceland	99.7	(0.0)	14.8	(0.1)	56.1	(0.2)	84.1	(0.1)	88.1	(0.1)	30.9	(0.2)	96.6	(0.0)	65.6	(0.2)
Ireland	99.3	(0.7)	43.7	(4.2)	78.1	(3.3)	17.2	(3.2)	49.5	(4.0)	16.9	(3.2)	42.2	(4.3)	8.8	(2.6)
Italy	96.0	(1.3)	83.7	(2.8)	51.5	(3.9)	32.8	(3.4)	69.3	(3.0)	23.3	(3.2)	83.8	(2.9)	29.1	(3.2)
Japan	98.3	(1.0)	89.5	(2.6)	44.7	(4.5)	17.8	(3.4)	47.7	(4.4)	81.5	(3.3)	78.9	(3.4)	11.8	(2.8)
Korea	95.5	(1.8)	24.8	(3.8)	62.6	(4.0)	62.0	(3.7)	58.6	(4.0)	54.5	(4.3)	90.2	(2.7)	54.9	(3.9)
Luxembourg	100.0	(0.0)	100.0	(0.0)	29.7	(0.1)	21.8	(0.0)	26.1	(0.1)	21.0	(0.0)	62.9	(0.1)	10.3	(0.0)
Mexico	96.7	(0.9)	92.9	(1.8)	59.4	(3.2)	55.5	(3.1)	91.2	(1.6)	77.3	(3.1)	89.2	(2.2)	50.5	(3.5)
Netherlands	99.5	(0.5)	96.8	(1.6)	88.7	(2.7)	63.5	(4.1)	63.3	(4.2)	42.2	(4.4)	71.8	(3.9)	47.0	(4.4)
New Zealand	98.4	(1.0)	77.9	(2.8)	73.7	(3.0)	86.7	(2.3)	95.6	(1.6)	53.0	(3.4)	95.8	(1.2)	73.5	(3.2)
Norway	100.0	(0.0)	m	m	37.8	(4.0)	63.8	(3.6)	67.7	(3.3)	19.5	(3.0)	70.1	(3.5)	47.1	(3.8)
Poland	98.0	(1.1)	84.2	(2.8)	33.0	(4.1)	71.1	(3.7)	96.6	(1.5)	73.2	(3.2)	87.8	(2.8)	62.3	(3.6)
Portugal	98.8	(0.7)	96.6	(1.6)	26.1	(3.8)	32.9	(4.2)	78.5	(3.1)	34.7	(4.4)	84.3	(3.2)	22.3	(3.4)
Slovak Republic	98.7	(0.7)	96.7	(1.0)	54.9	(3.8)	45.9	(3.7)	95.0	(1.5)	75.0	(2.7)	89.0	(2.2)	47.7	(3.1)
Spain	99.7	(0.3)	99.5	(0.3)	47.6	(3.5)	18.2	(2.1)	68.6	(3.2)	35.9	(3.5)	88.5	(2.3)	17.2	(2.1)
Sweden	94.1	(1.6)	95.2	(1.5)	28.1	(3.2)	18.5	(2.0)	24.9	(4.5)	36.8	(3.5)	51.9	(3.6)	15.9	(3.7)
Switzerland	96.4	(1.5)	38.9	(4.1)	45.2	(4.0)	73.0	(3.1)	85.4	(2.7)	21.2	(3.1)	80.7	(3.0)	64.8	(3.5)
Turkey	84.8	(3.0)	71.1	(4.2)	50.8	(4.3)	58.7	(4.4)	76.3	(3.3)	33.8	(4.4)	34.0	(3.7)	58.9	(4.4)
United States	98.4	(0.8)	76.3	(2.8)	65.9	(3.3)	90.7	(1.9)	93.5	(1.6)	54.7	(3.1)	92.0	(1.9)	80.3	(2.8)
OECD average	96.6	(0.2)	77.9	(0.4)	47.5	(0.6)	47.7	(0.6)	67.6	(0.6)	41.1	(0.6)	74.4	(0.6)	41.1	(0.6)
Partners																
Brazil	87.9	(2.6)	83.4	(2.5)	44.7	(4.1)	37.5	(3.5)	75.7	(3.5)	55.5	(3.5)	92.1	(2.1)	23.3	(2.9)
Hong Kong-China	98.7	(0.9)	96.3	(1.5)	63.3	(4.2)	22.7	(4.0)	90.5	(2.5)	63.9	(4.0)	96.9	(1.2)	18.9	(3.1)
Indonesia	89.2	(2.4)	84.3	(2.6)	46.4	(3.8)	50.6	(3.8)	86.0	(2.7)	87.3	(2.5)	78.8	(3.2)	77.2	(2.9)
Latvia	100.0	(0.0)	94.1	(2.7)	40.1	(4.3)	79.7	(4.1)	99.2	(0.6)	86.5	(2.8)	96.7	(1.4)	65.1	(4.2)
Liechtenstein	100.0	(0.0)	96.7	(0.0)	57.7	(0.4)	28.7	(0.3)	17.5	(0.3)	39.1	(0.5)	21.3	(0.5)	39.3	(0.4)
Macao-China	96.5	(0.1)	96.5	(0.1)	43.4	(0.2)	3.1	(0.1)	81.4	(0.2)	81.5	(0.3)	97.5	(0.1)	14.5	(0.1)
Russian Fed.	100.0	(0.0)	96.7	(1.3)	55.7	(4.0)	69.9	(4.1)	96.9	(1.3)	98.7	(0.8)	98.8	(0.7)	81.3	(3.2)
Serbia	92.8	(2.3)	88.7	(2.4)	19.4	(3.5)	42.7	(4.2)	76.7	(3.5)	51.0	(4.5)	64.4	(4.0)	50.1	(4.2)
Thailand	89.6	(2.6)	71.9	(4.0)	77.2	(3.5)	59.3	(3.6)	88.0	(3.0)	70.6	(3.6)	76.9	(3.8)	56.8	(4.0)
Tunisia	74.8	(3.4)	84.3	(2.9)	43.6	(4.3)	73.1	(3.6)	81.8	(3.4)	62.7	(3.7)	71.9	(3.2)	71.7	(3.4)
Uruguay	94.2	(1.7)	90.6	(2.4)	29.0	(3.1)	18.1	(3.2)	76.5	(4.0)	40.7	(4.5)	68.8	(3.7)	10.5	(2.4)
United Kingdom ¹	100.0	(0.0)	68.3	(3.4)	93.7	(1.6)	88.9	(1.8)	97.3	(1.1)	85.9	(2.3)	91.4	(2.1)	84.4	(2.1)

1. Response rate too low to ensure comparability.



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