



Annex

Annex A1: Questionnaire indices

Annex A2: Data tables



ANNEX A1: QUESTIONNAIRE INDICES

This annex describes the indices derived from student and school questionnaires that are used in this report. This report uses five distinctive indices reflecting population sub-groups. Population sub-groups at the individual level include gender, socio-economic status and immigrant status; population sub-groups at the school level comprise lower or upper secondary schools, academic or vocational schools, public or private school and school location. Among these, gender and school location are recorded from single questionnaire items. For further information on constructing indices, see Chapter 16 in the *PISA 2006 Technical Report*.

Student-level indices

Economic, social and cultural status

The PISA index of economic, social and cultural status (ESCS) was derived from the following three indices: highest occupational status of parents (HISEI), highest educational level of parents in years of education according to ISCED (PARED), and home possessions (HOMEPOS). The index of home possessions (HOMEPOS) comprises all items on the indices of WEALTH, CULTPOSS and HEDRES, as well as books in the home recoded into a three-level categorical variable (less than 25, 25-100 books, or more than 100 books).

The PISA index of economic, social and cultural status (ESCS) was derived from a principal component analysis of standardised variables (each variable has an OECD mean of zero and a standard deviation of one), taking the factor scores for the first principal component as measures of the index of economic, social and cultural status.

Principal component analysis was also performed for each participating country to determine to what extent the components of the index operate in similar ways across countries. The analysis revealed that all three components contribute more or less equally to this index with factor loadings ranging from 0.55 to 0.87 except only in a few countries. Internal consistency ranges between 0.52 and 0.80, the median scale reliability for the pooled OECD countries is 0.67.

The imputation of components for students missing data on one component was done on the basis of a regression on the other two variables, with an additional random error component. The final values on the PISA index of economic, social and cultural status (ESCS) have an OECD mean of zero and a standard deviation of one.

Immigrant background

As in PISA 2000 and PISA 2003, information on the country of birth of the students and their parents was collected in PISA 2006. Included in the database are three country-specific variables relating to the country of birth of the student, mother, and father (COBN_S, COBN_M and COBN_F). Also, the items ST11Q01, ST11Q02 and ST11Q03 have been re-coded for the database into the following categories: (1) country of birth is same as country of assessment; and (2) otherwise.

The index on immigrant background (IMMIG) is calculated from these variables, and has the following categories: (1) native students (those students who had at least one parent born in the country of assessment); (2) second-generation students (those born in the country of assessment but whose parent(s) were born in another country); and (3) first-generation students (those students born outside the country of assessment and whose parents were also born in another country). Students with missing responses for either the student or both parents have been given missing values for this variable.



School-level indices

Study programme

PISA 2006 collected data on study programmes available to 15-year-old students in each country. This information was obtained through the student tracking form and the student questionnaire. All study programmes were classified using the international standard classification of education (ISCED). In the PISA international database, all national programmes is included in a separate variable (PROGN) where the first three digits are the ISO code for a country, the next two digits are the sub-national category, and the last two digits are the nationally specific programme code.

The following indices are derived from the data on study programmes:

- Programme level (ISCEDL) indicates whether students are in lower secondary education level (ISCED 2) or upper secondary level (ISCED 3).
- Programme designation (ISCEDD) indicates the designation of the study programme (A = general programmes designed to give access to the next programme level, B = programmes designed to give access to vocational studies at the next programme level, C = programmes designed to give direct access to the labour market, M = modular programmes that combine any or all of these characteristics).
- Programme orientation (ISCEDO) indicates whether the programme's curricular content is (1) general, (2) pre-vocational or (3) vocational.

School type

Schools are classified as either public or private according to whether a private entity or a public agency has the ultimate power to make decisions concerning each school's affairs. The index on school type (SCHLTYPE) has three categories: (1) public schools controlled and managed by a public education authority or agency; (2) government-dependent private schools, controlled by a non-government organisation or with a governing board not selected by a government agency, which receive more than 50% of their core funding from government agencies; or (3) government-independent private schools, controlled by a non-government organisation or with a governing board not selected by a government agency, which receive less than 50% of their core funding from government agencies.

ANNEX A2: DATA TABLES

 [Part 1/2]
 Table 2.1a Percentage of students, by time spent learning science

	Regular school lessons										Out-of-school-time lessons											
	No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week			
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD																						
Australia	14.3	(0.6)	10.1	(0.3)	38.5	(0.8)	30.6	(0.7)	6.5	(0.3)	77.0	(0.5)	17.7	(0.4)	4.3	(0.2)	0.8	(0.1)	0.2	(0.1)		
Austria	17.3	(0.8)	27.3	(0.9)	35.0	(0.9)	14.3	(0.8)	6.1	(0.8)	88.2	(0.6)	8.1	(0.5)	2.8	(0.2)	0.7	(0.1)	0.3	(0.1)		
Belgium	15.1	(0.8)	27.1	(0.7)	33.9	(0.7)	16.6	(0.7)	7.2	(0.5)	80.8	(0.5)	14.2	(0.4)	3.9	(0.2)	0.8	(0.1)	0.3	(0.1)		
Canada	9.3	(0.4)	14.3	(0.5)	19.6	(0.9)	35.4	(0.6)	21.5	(0.8)	66.4	(0.7)	24.9	(0.6)	6.9	(0.3)	1.4	(0.1)	0.4	(0.1)		
Czech Republic	11.1	(1.0)	29.3	(1.0)	31.6	(1.2)	13.1	(0.6)	14.8	(1.0)	67.8	(0.9)	23.7	(0.8)	6.9	(0.4)	1.1	(0.2)	0.6	(0.1)		
Denmark	3.5	(0.6)	14.0	(0.7)	55.3	(1.1)	24.9	(0.9)	2.4	(0.4)	46.8	(1.1)	43.3	(0.9)	8.1	(0.5)	1.5	(0.2)	0.4	(0.1)		
Finland	3.4	(0.3)	19.6	(0.8)	49.9	(1.2)	23.2	(1.3)	3.9	(0.4)	76.9	(0.7)	19.1	(0.6)	3.5	(0.3)	0.4	(0.1)	0.1	(0.0)		
France	7.7	(0.6)	30.2	(0.8)	36.3	(0.8)	17.5	(0.9)	8.3	(0.6)	62.7	(0.8)	29.7	(0.9)	6.6	(0.4)	0.9	(0.1)	0.2	(0.1)		
Germany	9.3	(0.7)	25.3	(0.8)	33.1	(0.9)	22.3	(0.8)	10.0	(0.5)	70.6	(0.8)	20.8	(0.7)	7.0	(0.4)	1.1	(0.2)	0.5	(0.1)		
Greece	8.7	(0.6)	19.3	(0.8)	38.5	(0.9)	25.8	(0.9)	7.8	(0.5)	27.0	(0.9)	28.7	(0.7)	29.4	(0.8)	10.9	(0.6)	3.9	(0.3)		
Hungary	10.3	(1.0)	31.8	(1.0)	39.6	(1.0)	14.2	(0.7)	4.2	(0.4)	44.9	(1.0)	36.9	(0.9)	14.5	(0.7)	3.3	(0.3)	0.5	(0.1)		
Iceland	3.6	(0.3)	19.7	(0.6)	55.2	(0.8)	19.3	(0.6)	2.2	(0.3)	81.5	(0.6)	14.0	(0.6)	3.8	(0.3)	0.5	(0.1)	0.2	(0.1)		
Ireland	14.6	(1.0)	18.9	(0.8)	50.8	(1.0)	13.6	(0.6)	2.1	(0.3)	79.0	(0.7)	16.6	(0.6)	3.7	(0.3)	0.6	(0.1)	0.2	(0.1)		
Italy	11.1	(1.1)	23.2	(0.6)	40.8	(1.0)	14.3	(0.6)	10.6	(0.7)	69.9	(0.5)	19.6	(0.4)	7.7	(0.3)	2.1	(0.1)	0.7	(0.1)		
Japan	3.9	(1.1)	22.7	(1.4)	61.2	(1.5)	10.9	(1.1)	1.3	(0.3)	82.4	(0.7)	13.8	(0.6)	3.4	(0.3)	0.3	(0.1)	0.1	(0.0)		
Korea	3.4	(1.1)	5.9	(0.4)	55.0	(1.8)	31.2	(1.6)	4.5	(1.2)	50.0	(1.3)	27.8	(1.0)	18.8	(0.8)	2.6	(0.2)	0.7	(0.4)		
Luxembourg	11.0	(0.5)	39.5	(0.7)	31.6	(0.7)	13.0	(0.5)	4.8	(0.3)	70.5	(0.7)	21.1	(0.6)	6.7	(0.4)	1.3	(0.2)	0.4	(0.1)		
Mexico	14.2	(0.5)	26.8	(0.5)	22.3	(0.5)	17.6	(0.6)	19.1	(0.5)	50.0	(0.9)	31.5	(0.7)	13.3	(0.6)	3.7	(0.2)	1.5	(0.2)		
Netherlands	23.3	(0.9)	28.1	(0.9)	32.2	(0.8)	11.0	(0.5)	5.4	(0.4)	66.2	(0.8)	25.6	(0.7)	6.7	(0.4)	1.3	(0.2)	0.2	(0.1)		
New Zealand	8.9	(0.7)	7.7	(0.5)	18.7	(0.8)	55.8	(1.1)	9.0	(0.6)	74.5	(0.8)	19.5	(0.7)	4.7	(0.3)	1.0	(0.2)	0.3	(0.1)		
Norway	2.8	(0.3)	21.9	(1.0)	68.4	(1.0)	5.8	(0.5)	1.1	(0.2)	39.4	(1.0)	46.9	(0.9)	11.5	(0.5)	1.7	(0.2)	0.5	(0.1)		
Poland	3.0	(0.3)	33.7	(1.0)	42.5	(0.8)	17.6	(0.7)	3.2	(0.3)	59.6	(1.1)	31.4	(0.9)	7.4	(0.5)	1.1	(0.1)	0.4	(0.1)		
Portugal	13.0	(0.7)	24.6	(1.1)	27.0	(1.0)	16.2	(0.7)	19.2	(0.7)	66.8	(0.8)	21.7	(0.8)	8.6	(0.4)	2.5	(0.2)	0.5	(0.1)		
Slovak Republic	11.2	(0.8)	44.6	(1.3)	19.5	(0.8)	15.1	(0.9)	9.6	(0.9)	61.3	(1.3)	29.1	(1.1)	7.1	(0.5)	1.7	(0.2)	0.8	(0.1)		
Spain	9.9	(0.4)	17.7	(0.6)	45.4	(0.9)	15.4	(0.7)	11.5	(0.6)	70.1	(0.8)	16.0	(0.5)	9.9	(0.4)	3.1	(0.3)	1.0	(0.1)		
Sweden	2.9	(0.3)	17.1	(1.0)	69.3	(0.9)	9.6	(0.5)	1.1	(0.2)	64.4	(0.9)	29.2	(0.8)	5.6	(0.3)	0.6	(0.2)	0.2	(0.1)		
Switzerland	13.9	(0.6)	34.7	(0.8)	32.7	(0.7)	13.5	(0.5)	5.1	(0.5)	75.8	(0.5)	18.1	(0.5)	5.0	(0.2)	0.9	(0.1)	0.2	(0.1)		
Turkey	26.8	(1.3)	16.2	(0.9)	26.1	(1.0)	12.4	(0.6)	18.6	(1.3)	48.4	(1.2)	25.0	(0.7)	15.3	(0.7)	7.5	(0.6)	3.8	(0.4)		
United Kingdom	3.1	(0.3)	7.0	(0.4)	28.0	(0.9)	49.8	(1.1)	12.1	(0.7)	67.5	(0.8)	25.9	(0.7)	5.5	(0.3)	0.7	(0.1)	0.3	(0.1)		
United States	7.8	(0.5)	25.2	(0.9)	17.9	(0.8)	35.8	(1.2)	13.3	(0.8)	56.0	(0.8)	30.9	(0.7)	9.8	(0.5)	2.6	(0.3)	0.7	(0.1)		
OECD average	9.9	(0.1)	22.8	(0.2)	38.5	(0.2)	20.5	(0.2)	8.2	(0.1)	64.7	(0.2)	24.4	(0.1)	8.3	(0.1)	2.0	(0.0)	0.7	(0.0)		
Partners																						
Argentina	14.5	(1.1)	36.8	(1.1)	32.3	(1.2)	11.3	(0.8)	5.1	(0.5)	72.8	(0.9)	18.7	(0.8)	6.7	(0.4)	1.4	(0.2)	0.4	(0.1)		
Azerbaijan	9.1	(0.6)	29.4	(1.1)	37.5	(1.4)	13.1	(0.8)	10.9	(0.8)	39.0	(1.1)	34.5	(0.9)	18.5	(0.9)	5.0	(0.4)	3.0	(0.3)		
Brazil	8.1	(0.4)	41.7	(0.9)	38.8	(0.7)	8.1	(0.5)	3.2	(0.4)	54.6	(0.9)	32.0	(0.7)	10.8	(0.5)	1.7	(0.2)	0.8	(0.2)		
Bulgaria	13.9	(0.9)	32.6	(1.1)	29.3	(1.0)	13.3	(0.9)	10.8	(0.8)	50.2	(1.0)	31.2	(0.7)	14.2	(0.6)	3.1	(0.3)	1.3	(0.2)		
Chile	15.4	(0.8)	37.4	(0.9)	27.4	(0.8)	12.6	(0.7)	7.2	(0.5)	50.9	(0.9)	35.6	(0.8)	10.9	(0.5)	1.9	(0.2)	0.7	(0.1)		
Colombia	5.3	(0.5)	18.7	(1.7)	33.8	(1.9)	32.9	(1.5)	9.4	(1.8)	49.2	(1.2)	34.2	(1.2)	11.7	(0.6)	4.2	(0.4)	0.7	(0.2)		
Croatia	24.3	(1.1)	25.6	(0.8)	39.8	(1.0)	7.8	(0.5)	2.6	(0.3)	75.2	(0.9)	17.2	(0.7)	6.1	(0.4)	1.2	(0.2)	0.2	(0.1)		
Estonia	3.0	(0.3)	25.2	(0.9)	40.2	(1.0)	20.0	(0.7)	11.6	(0.6)	55.3	(0.9)	31.8	(0.8)	10.7	(0.5)	1.7	(0.2)	0.6	(0.1)		
Hong Kong-China	32.8	(1.0)	10.0	(0.5)	17.0	(0.8)	14.1	(0.5)	26.2	(0.7)	61.2	(1.0)	21.0	(0.8)	12.4	(0.7)	4.0	(0.3)	1.4	(0.2)		
Indonesia	5.9	(0.8)	20.7	(1.4)	44.5	(1.1)	16.5	(1.2)	12.4	(0.9)	42.6	(1.6)	38.8	(0.9)	14.3	(0.9)	3.3	(0.3)	0.9	(0.1)		
Israel	24.0	(1.1)	24.5	(0.9)	28.2	(0.9)	14.5	(0.7)	8.8	(0.6)	50.4	(0.9)	31.5	(0.6)	13.1	(0.6)	4.0	(0.3)	1.0	(0.2)		
Jordan	10.4	(0.7)	26.0	(0.8)	25.3	(0.8)	22.7	(1.3)	15.6	(0.6)	35.1	(1.1)	32.9	(0.8)	22.3	(0.7)	7.6	(0.5)	2.1	(0.2)		
Kyrgyzstan	22.7	(0.8)	38.7	(1.0)	20.6	(0.7)	8.7	(0.5)	9.3	(0.9)	33.7	(1.0)	41.1	(0.8)	18.2	(0.6)	4.4	(0.3)	2.6	(0.2)		
Latvia	6.7	(0.5)	29.0	(0.9)	39.9	(1.2)	16.5	(1.0)	7.8	(0.6)	61.3	(1.0)	28.3	(0.8)	8.4	(0.5)	1.5	(0.2)	0.6	(0.1)		
Liechtenstein	5.3	(1.1)	33.9	(2.3)	45.3	(2.5)	10.6	(1.5)	4.9	(1.1)	69.1	(2.8)	21.9	(2.5)	7.4	(1.5)	1.5	(0.7)	a	a		
Lithuania	3.8	(0.3)	37.4	(1.0)	35.9	(0.7)	18.4	(0.6)	4.5	(0.4)	64.8	(1.0)	26.6	(0.9)	6.9	(0.4)	1.4	(0.2)	0.3	(0.1)		
Macao-China	11.3	(0.4)	14.7	(0.5)	28.4	(0.7)	22.3	(0.6)	23.3	(0.7)	52.6	(0.8)	30.2	(0.8)	10.8	(0.5)	3.7	(0.3)	2.6	(0.3)		
Montenegro	10.9	(0.4)	32.3	(0.8)	28.8	(0.8)	15.8	(0.6)	12.2	(0.6)	48.9	(0.8)	31.5	(0.8)	13.8	(0.5)	4.1	(0.3)	1.7	(0.2)		
Qatar	16.6	(0.5)	30.6	(0.5)	25.6	(0.6)	15.6	(0.5)	11.5	(0.4)	31.3	(0.7)	38.8	(0.6)	21.6	(0.6)	6.5	(0.3)	1.7	(0.2)		
Romania	17.5	(1.0)	37.0	(1.8)	27.8	(1.8)	9.3	(0.6)	8.5	(0.7)	44.6	(1.1)	37.4	(1.1)	13.5	(0.7)	3.3	(0.4)	1.2	(0.3)		
Russian Federation	6.7	(0.6)	22.6	(0.9)	25.7	(0.8)	21.2	(1.1)	23.9	(1.4)	41.4	(1.3)	38.7	(1.1)	14.5	(0.6)	3.6	(0.2)	1.7	(0.2)		
Serbia	12.4	(0.7)	25.5	(0.9)	36.5	(0.8)	13.9	(0.6)	11.6	(0.7)	57.8	(0.8)	28.2	(0.7)	11.0	(0.6)	2.0	(0.2)	1.0	(0.2)		
Slovenia	9.3	(0.4)	33.6	(0.7)	29.8	(0.7)	16.2	(0.6)	11.1	(0.5)	55.2	(0.8)	33.8	(0.8)	9.1	(0.5)	1.4	(0.2)	0.5	(0.1)		
Chinese Taipei	11.5	(0.9)	23.5	(0.9)	38.0	(0.9)	18.5	(0.8)	8.4	(0.5)	64.8	(0.7)	17.9	(0.6)	14.0	(0.5)	2.5	(0.2)	0.8	(0.1)		
Thailand	a	a	6.7	(0.6)	61.3	(1.2)	16.8	(0.8)	15.2	(0.6)	59.6	(1.2)	21.6	(0.9)	13.6	(0.6)	3.8	(0.3)	1.4	(0.2)		
Tunisia	10.6	(0.8)	34.8	(0.9)	33.2	(0.9)	11.2	(0.5)	10.2	(0.7)	19.9	(0.7)	40.3	(0.9)	26.9	(0.7)	9.4	(0.5)	3.6	(0.3)		
Uruguay	16.4	(0.9)	33.2	(0.9)	30.3	(1.0)	12.3	(0.6)	7.8	(0.5)	66.3	(0.8)	23.2	(0.7)	7.9	(0.4)	2.1	(0.3)	0.5	(0.1)		



[Part 2/2]
Table 2.1a Percentage of students, by time spent learning science

	Individual study									
	No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	30.5	(0.6)	50.5	(0.7)	14.9	(0.5)	3.2	(0.2)	0.9	(0.1)
Austria	31.8	(1.0)	46.8	(0.8)	14.9	(0.6)	4.6	(0.3)	1.9	(0.2)
Belgium	25.5	(0.8)	53.6	(0.7)	17.1	(0.6)	3.0	(0.2)	0.7	(0.1)
Canada	22.0	(0.6)	48.7	(0.6)	21.7	(0.6)	5.9	(0.3)	1.7	(0.2)
Czech Republic	39.5	(0.9)	44.7	(0.8)	12.4	(0.7)	2.5	(0.3)	0.8	(0.2)
Denmark	22.8	(1.2)	63.9	(1.1)	11.1	(0.6)	1.7	(0.2)	0.5	(0.1)
Finland	21.3	(0.7)	66.2	(0.8)	10.8	(0.6)	1.4	(0.2)	0.2	(0.1)
France	23.1	(1.0)	55.2	(0.9)	17.2	(0.7)	3.5	(0.4)	1.0	(0.2)
Germany	13.8	(0.7)	54.7	(0.8)	23.4	(0.7)	5.7	(0.4)	2.4	(0.2)
Greece	21.7	(0.8)	40.2	(1.0)	26.3	(0.6)	8.6	(0.5)	3.2	(0.3)
Hungary	19.0	(1.0)	50.7	(0.9)	23.0	(0.8)	5.5	(0.3)	1.8	(0.2)
Iceland	22.3	(0.7)	61.4	(0.8)	13.8	(0.6)	1.9	(0.2)	0.6	(0.1)
Ireland	29.7	(1.0)	50.5	(0.9)	15.4	(0.7)	3.4	(0.3)	0.9	(0.1)
Italy	15.9	(1.2)	40.1	(0.9)	29.2	(0.8)	11.0	(0.5)	3.8	(0.3)
Japan	46.0	(1.3)	47.7	(1.2)	5.4	(0.3)	0.8	(0.1)	0.1	(0.1)
Korea	28.5	(1.1)	52.1	(1.2)	14.9	(0.6)	3.0	(0.3)	1.4	(0.6)
Luxembourg	26.7	(0.6)	53.9	(0.7)	14.4	(0.5)	3.5	(0.3)	1.4	(0.2)
Mexico	12.0	(0.5)	46.3	(0.6)	26.4	(0.6)	10.2	(0.4)	5.1	(0.3)
Netherlands	29.9	(1.0)	49.5	(0.9)	16.4	(0.6)	3.6	(0.3)	0.6	(0.1)
New Zealand	25.4	(0.9)	53.3	(0.8)	17.1	(0.6)	3.1	(0.3)	1.1	(0.2)
Norway	20.5	(0.8)	61.0	(0.8)	16.0	(0.8)	2.0	(0.2)	0.6	(0.1)
Poland	9.7	(0.4)	49.3	(0.8)	29.2	(0.7)	8.9	(0.4)	2.9	(0.2)
Portugal	15.8	(0.8)	41.1	(0.9)	28.3	(0.7)	10.4	(0.5)	4.4	(0.3)
Slovak Republic	30.4	(1.2)	43.1	(0.8)	19.9	(0.8)	5.0	(0.4)	1.6	(0.3)
Spain	20.1	(0.7)	45.1	(0.7)	25.2	(0.7)	7.3	(0.3)	2.3	(0.2)
Sweden	19.3	(1.6)	66.6	(1.7)	11.3	(0.6)	2.1	(0.3)	0.5	(0.1)
Switzerland	26.0	(0.8)	58.8	(0.8)	12.0	(0.5)	2.7	(0.2)	0.5	(0.1)
Turkey	34.3	(1.3)	32.0	(0.9)	21.7	(0.8)	8.5	(0.6)	3.5	(0.3)
United Kingdom	14.0	(0.6)	61.1	(0.8)	21.2	(0.8)	3.0	(0.2)	0.7	(0.1)
United States	17.6	(0.8)	50.3	(0.9)	23.3	(0.6)	6.8	(0.4)	2.1	(0.2)
OECD average	23.8	(0.2)	51.3	(0.2)	18.5	(0.1)	4.8	(0.1)	1.7	(0.0)
Partners										
Argentina	20.2	(0.9)	50.7	(1.0)	20.8	(0.8)	5.8	(0.5)	2.4	(0.3)
Azerbaijan	12.7	(0.7)	34.5	(0.9)	28.3	(1.0)	13.3	(0.7)	11.2	(0.7)
Brazil	16.3	(0.6)	52.0	(0.8)	23.2	(0.7)	5.7	(0.3)	2.8	(0.2)
Bulgaria	22.1	(1.0)	37.3	(0.8)	25.2	(1.0)	10.2	(0.7)	5.2	(0.4)
Chile	20.9	(0.9)	51.1	(0.8)	21.2	(0.6)	5.0	(0.3)	1.7	(0.2)
Colombia	16.2	(0.9)	49.2	(1.0)	22.6	(0.8)	9.3	(0.8)	2.7	(0.2)
Croatia	34.3	(1.1)	35.0	(0.7)	22.8	(0.8)	6.0	(0.4)	1.8	(0.2)
Estonia	21.2	(0.7)	49.7	(0.8)	22.0	(0.6)	5.8	(0.3)	1.3	(0.2)
Hong Kong-China	41.6	(0.9)	29.8	(0.7)	18.3	(0.6)	6.2	(0.4)	4.0	(0.4)
Indonesia	9.2	(0.7)	58.0	(0.9)	23.9	(0.8)	6.8	(0.5)	2.1	(0.2)
Israel	38.5	(1.1)	34.2	(0.9)	19.4	(0.8)	5.9	(0.4)	1.9	(0.2)
Jordan	10.0	(0.5)	34.9	(0.9)	31.3	(0.8)	15.3	(0.6)	8.5	(0.6)
Kyrgyzstan	22.0	(0.7)	37.3	(0.9)	21.9	(0.5)	10.4	(0.5)	8.4	(0.4)
Latvia	14.0	(0.7)	50.4	(1.0)	26.6	(0.9)	6.7	(0.4)	2.3	(0.2)
Liechtenstein	19.8	(2.5)	65.7	(2.8)	10.7	(1.5)	2.7	(0.9)	1.2	(0.6)
Lithuania	15.7	(0.6)	52.3	(0.8)	23.9	(0.7)	6.2	(0.4)	1.9	(0.2)
Macao-China	30.8	(0.7)	44.6	(0.8)	17.4	(0.7)	4.9	(0.4)	2.3	(0.3)
Montenegro	13.4	(0.6)	43.8	(0.8)	25.4	(0.7)	10.9	(0.5)	6.5	(0.4)
Qatar	16.3	(0.5)	40.1	(0.6)	30.8	(0.6)	9.4	(0.4)	3.5	(0.3)
Romania	26.1	(1.1)	44.1	(0.9)	19.5	(0.8)	6.9	(0.5)	3.5	(0.4)
Russian Federation	10.9	(1.0)	29.1	(0.7)	32.5	(1.1)	16.2	(0.6)	11.4	(0.5)
Serbia	28.2	(0.9)	37.1	(0.7)	23.6	(0.8)	7.5	(0.5)	3.7	(0.3)
Slovenia	18.2	(0.5)	53.8	(0.7)	21.9	(0.5)	4.7	(0.3)	1.5	(0.2)
Chinese Taipei	32.8	(1.2)	44.7	(0.8)	17.6	(0.6)	3.7	(0.3)	1.1	(0.1)
Thailand	9.5	(0.5)	56.6	(0.8)	25.3	(0.6)	6.1	(0.4)	2.5	(0.2)
Tunisia	9.9	(0.6)	36.2	(0.8)	30.7	(0.7)	15.3	(0.6)	8.1	(0.4)
Uruguay	26.5	(1.1)	51.0	(1.0)	17.1	(0.6)	4.2	(0.4)	1.2	(0.2)



[Part 2/2]
Table 2.1b Percentage of students, by time spent learning mathematics

	Individual study									
	No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	13.2	(0.4)	51.7	(0.6)	26.0	(0.6)	6.9	(0.3)	2.1	(0.2)
Austria	9.7	(0.5)	46.7	(0.8)	30.0	(0.7)	9.6	(0.5)	4.0	(0.3)
Belgium	13.8	(0.6)	49.8	(0.8)	28.2	(0.7)	6.3	(0.3)	1.8	(0.2)
Canada	15.9	(0.5)	44.3	(0.7)	26.7	(0.5)	9.4	(0.3)	3.7	(0.3)
Czech Republic	22.8	(1.1)	57.0	(1.1)	14.9	(0.6)	3.5	(0.3)	1.8	(0.3)
Denmark	9.6	(0.5)	55.6	(0.9)	28.8	(0.7)	4.7	(0.4)	1.2	(0.2)
Finland	15.3	(0.6)	68.9	(0.8)	13.9	(0.7)	1.6	(0.2)	0.2	(0.1)
France	12.3	(0.8)	53.6	(0.8)	26.6	(0.7)	5.9	(0.4)	1.5	(0.2)
Germany	6.3	(0.5)	44.8	(1.0)	34.5	(0.8)	10.7	(0.6)	3.6	(0.3)
Greece	19.4	(0.6)	39.0	(0.8)	27.5	(0.8)	9.9	(0.4)	4.2	(0.3)
Hungary	11.1	(0.6)	53.2	(0.9)	26.2	(0.8)	7.4	(0.5)	2.2	(0.2)
Iceland	13.1	(0.6)	53.9	(0.8)	25.4	(0.8)	5.9	(0.3)	1.7	(0.2)
Ireland	13.8	(0.7)	51.8	(0.7)	25.7	(0.8)	6.6	(0.4)	2.1	(0.2)
Italy	7.4	(0.3)	39.1	(0.8)	34.3	(0.7)	14.1	(0.5)	5.1	(0.3)
Japan	25.4	(1.2)	48.2	(1.2)	18.8	(0.9)	4.9	(0.4)	2.7	(0.4)
Korea	16.5	(1.0)	37.3	(0.9)	27.5	(0.8)	10.0	(0.5)	8.8	(0.9)
Luxembourg	12.7	(0.6)	55.3	(0.7)	24.1	(0.6)	5.9	(0.3)	2.0	(0.2)
Mexico	5.9	(0.4)	50.3	(0.8)	27.3	(0.6)	10.7	(0.5)	5.7	(0.4)
Netherlands	16.7	(0.8)	56.8	(0.8)	22.0	(0.9)	3.7	(0.3)	0.9	(0.2)
New Zealand	15.8	(0.7)	55.5	(0.9)	21.8	(0.7)	5.1	(0.4)	1.7	(0.2)
Norway	20.0	(0.9)	55.9	(0.9)	19.4	(0.8)	3.7	(0.3)	1.0	(0.2)
Poland	9.4	(0.5)	48.1	(0.8)	29.2	(0.7)	10.1	(0.5)	3.3	(0.3)
Portugal	13.3	(0.7)	46.6	(0.9)	28.2	(0.8)	8.8	(0.5)	3.0	(0.3)
Slovak Republic	17.9	(0.8)	48.4	(0.9)	25.7	(0.8)	6.6	(0.4)	1.4	(0.2)
Spain	12.8	(0.5)	46.7	(0.8)	29.0	(0.6)	9.0	(0.4)	2.5	(0.2)
Sweden	20.2	(1.1)	64.7	(1.0)	11.9	(0.6)	2.5	(0.3)	0.7	(0.1)
Switzerland	8.4	(0.4)	60.1	(0.8)	25.8	(0.6)	4.5	(0.2)	1.3	(0.2)
Turkey	16.1	(1.1)	35.7	(1.0)	28.9	(0.8)	13.5	(0.6)	5.8	(0.4)
United Kingdom	10.7	(0.5)	64.1	(0.7)	21.1	(0.6)	3.3	(0.2)	0.6	(0.1)
United States	13.7	(0.6)	44.8	(0.8)	27.6	(0.8)	10.0	(0.4)	3.9	(0.3)
OECD average	14.0	(0.1)	50.9	(0.2)	25.2	(0.1)	7.2	(0.1)	2.7	(0.1)
Partners										
Argentina	15.1	(0.7)	51.2	(1.2)	22.3	(1.0)	7.5	(0.5)	3.8	(0.4)
Azerbaijan	12.8	(0.8)	30.6	(0.8)	25.5	(0.9)	14.9	(0.8)	16.1	(0.8)
Brazil	14.4	(0.7)	52.2	(0.8)	22.9	(0.7)	7.2	(0.4)	3.3	(0.3)
Bulgaria	17.9	(1.1)	41.1	(0.9)	24.7	(0.9)	10.7	(0.6)	5.7	(0.6)
Chile	17.5	(0.7)	53.3	(0.7)	21.9	(0.8)	5.0	(0.4)	2.3	(0.2)
Colombia	13.5	(0.8)	49.5	(1.2)	24.2	(0.7)	9.6	(0.6)	3.3	(0.3)
Croatia	18.0	(0.6)	45.2	(0.8)	26.9	(0.6)	7.5	(0.4)	2.4	(0.3)
Estonia	14.9	(0.6)	45.3	(0.8)	27.3	(0.8)	9.4	(0.5)	3.1	(0.3)
Hong Kong-China	12.0	(1.0)	42.4	(1.1)	28.8	(0.8)	11.3	(0.6)	5.5	(0.4)
Indonesia	5.2	(0.4)	56.2	(0.8)	27.6	(0.6)	8.1	(0.5)	2.8	(0.2)
Israel	17.7	(0.8)	34.2	(0.9)	27.6	(1.0)	13.7	(0.6)	6.8	(0.5)
Jordan	10.1	(0.6)	35.0	(0.8)	29.8	(0.7)	15.5	(0.5)	9.6	(0.5)
Kyrgyzstan	19.6	(0.7)	38.9	(0.7)	21.1	(0.8)	11.4	(0.6)	8.8	(0.4)
Latvia	5.8	(0.6)	41.9	(1.0)	34.0	(1.0)	13.7	(0.7)	4.5	(0.3)
Liechtenstein	9.1	(1.8)	65.7	(2.5)	21.7	(2.4)	3.3	(0.8)	0.3	(0.3)
Lithuania	15.4	(0.6)	49.7	(0.7)	25.4	(0.7)	7.0	(0.4)	2.5	(0.2)
Macao-China	14.7	(0.7)	44.6	(0.8)	25.7	(0.7)	9.9	(0.5)	5.1	(0.3)
Montenegro	13.3	(0.6)	49.6	(0.8)	22.4	(0.7)	8.3	(0.5)	6.4	(0.4)
Qatar	14.5	(0.5)	39.3	(0.7)	28.7	(0.6)	12.8	(0.4)	4.7	(0.2)
Romania	13.3	(0.7)	45.4	(0.8)	24.1	(0.9)	11.1	(0.9)	6.1	(0.5)
Russian Federation	8.1	(0.8)	46.3	(1.0)	30.5	(0.9)	10.3	(0.5)	4.7	(0.4)
Serbia	19.1	(0.8)	44.8	(0.8)	25.2	(0.7)	7.3	(0.4)	3.5	(0.3)
Slovenia	10.9	(0.5)	51.0	(0.7)	27.2	(0.7)	8.2	(0.4)	2.7	(0.2)
Chinese Taipei	18.8	(1.0)	42.1	(0.7)	28.1	(0.7)	7.6	(0.3)	3.3	(0.2)
Thailand	9.0	(0.5)	57.3	(0.7)	24.9	(0.8)	6.5	(0.4)	2.4	(0.2)
Tunisia	12.6	(0.8)	36.5	(0.9)	26.8	(0.9)	14.4	(0.5)	9.7	(0.5)
Uruguay	16.4	(0.7)	57.0	(0.9)	18.9	(0.7)	5.3	(0.4)	2.5	(0.3)



[Part 2/2]
Table 2.1c Percentage of students, by time spent learning the language of instruction

		Individual study									
		No time per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	13.1	(0.5)	54.8	(0.6)	24.1	(0.5)	6.2	(0.2)	1.9	(0.2)
	Austria	16.7	(0.9)	57.4	(0.9)	18.2	(0.8)	5.7	(0.4)	2.0	(0.3)
	Belgium	15.5	(0.6)	63.5	(0.6)	17.4	(0.5)	2.8	(0.2)	0.7	(0.1)
	Canada	19.8	(0.4)	47.2	(0.7)	22.1	(0.5)	7.8	(0.4)	3.1	(0.3)
	Czech Republic	24.8	(1.1)	58.9	(1.0)	13.3	(0.6)	2.1	(0.3)	0.9	(0.2)
	Denmark	5.5	(0.4)	47.4	(0.9)	35.6	(0.8)	9.3	(0.4)	2.3	(0.2)
	Finland	18.1	(0.8)	68.9	(0.7)	10.9	(0.6)	1.5	(0.2)	0.7	(0.1)
	France	15.8	(0.8)	56.7	(0.8)	22.1	(0.7)	4.6	(0.3)	0.8	(0.1)
	Germany	10.1	(0.4)	52.7	(0.8)	27.2	(0.8)	7.9	(0.5)	2.2	(0.3)
	Greece	18.2	(0.6)	42.0	(0.8)	27.1	(0.6)	9.2	(0.5)	3.5	(0.3)
	Hungary	10.5	(0.6)	53.1	(0.9)	26.9	(0.8)	7.2	(0.4)	2.3	(0.2)
	Iceland	13.3	(0.6)	59.0	(0.8)	22.5	(0.7)	4.4	(0.3)	0.8	(0.1)
	Ireland	15.0	(0.7)	52.2	(0.8)	23.3	(0.8)	6.9	(0.4)	2.7	(0.3)
	Italy	5.4	(0.3)	31.0	(0.7)	35.9	(0.7)	19.0	(0.5)	8.8	(0.5)
	Japan	36.7	(1.3)	50.5	(1.0)	10.4	(0.6)	1.8	(0.2)	0.5	(0.1)
	Korea	23.5	(0.9)	52.2	(0.8)	18.3	(0.6)	4.4	(0.3)	1.6	(0.2)
	Luxembourg	19.4	(0.6)	59.0	(0.6)	16.1	(0.5)	3.8	(0.3)	1.7	(0.2)
	Mexico	7.4	(0.4)	53.6	(0.8)	25.5	(0.6)	9.6	(0.5)	4.0	(0.3)
	Netherlands	14.0	(0.7)	66.6	(0.9)	16.3	(0.7)	2.2	(0.2)	0.9	(0.2)
	New Zealand	16.6	(0.7)	55.1	(0.8)	21.3	(0.7)	5.1	(0.4)	1.8	(0.2)
Norway	19.1	(0.8)	55.6	(0.9)	20.0	(0.7)	4.0	(0.3)	1.3	(0.2)	
Poland	7.6	(0.4)	45.9	(0.9)	31.6	(0.8)	11.5	(0.4)	3.4	(0.2)	
Portugal	8.6	(0.4)	58.1	(0.8)	24.7	(0.8)	6.7	(0.4)	1.9	(0.2)	
Slovak Republic	16.1	(0.7)	48.5	(0.9)	27.1	(0.8)	6.8	(0.4)	1.4	(0.2)	
Spain	12.5	(0.6)	49.5	(0.8)	27.6	(0.6)	8.2	(0.4)	2.2	(0.2)	
Sweden	18.7	(1.4)	63.8	(1.6)	13.5	(0.5)	3.0	(0.3)	0.9	(0.2)	
Switzerland	10.9	(0.5)	68.0	(0.6)	17.5	(0.5)	2.9	(0.2)	0.8	(0.1)	
Turkey	11.5	(0.7)	44.5	(0.9)	28.0	(1.0)	11.4	(0.6)	4.6	(0.4)	
United Kingdom	11.4	(0.5)	59.9	(0.8)	23.3	(0.7)	4.3	(0.3)	1.0	(0.1)	
United States	16.0	(0.8)	47.3	(0.9)	25.2	(0.8)	8.4	(0.4)	3.1	(0.2)	
	OECD average	15.1	(0.1)	54.1	(0.2)	22.4	(0.1)	6.3	(0.1)	2.1	(0.0)
Partners	Argentina	13.6	(0.7)	58.3	(1.2)	20.5	(0.9)	5.0	(0.6)	2.7	(0.4)
	Azerbaijan	8.9	(0.5)	30.4	(0.9)	28.2	(0.7)	15.9	(0.7)	16.6	(0.7)
	Brazil	15.1	(0.6)	53.2	(0.7)	22.0	(0.6)	6.5	(0.4)	3.2	(0.3)
	Bulgaria	16.9	(1.0)	41.5	(0.9)	26.5	(0.8)	10.7	(0.6)	4.4	(0.4)
	Chile	17.3	(0.6)	55.5	(0.7)	19.3	(0.7)	5.9	(0.4)	1.9	(0.2)
	Colombia	13.1	(0.7)	52.3	(0.9)	23.4	(0.6)	8.8	(0.6)	2.5	(0.3)
	Croatia	20.1	(0.7)	49.4	(0.7)	23.4	(0.8)	5.7	(0.4)	1.4	(0.2)
	Estonia	16.4	(0.8)	53.1	(1.0)	23.4	(0.8)	5.7	(0.3)	1.4	(0.2)
	Hong Kong-China	18.2	(1.0)	51.3	(0.8)	22.2	(0.6)	6.2	(0.5)	2.2	(0.2)
	Indonesia	3.8	(0.3)	64.6	(1.0)	23.3	(0.6)	6.1	(0.4)	2.2	(0.4)
	Israel	28.0	(0.9)	40.4	(0.8)	20.0	(0.7)	8.0	(0.5)	3.7	(0.3)
	Jordan	8.9	(0.6)	37.8	(0.8)	30.4	(0.9)	15.1	(0.6)	7.8	(0.5)
	Kyrgyzstan	18.0	(0.6)	36.8	(0.7)	23.9	(0.7)	12.0	(0.5)	9.3	(0.5)
	Latvia	6.1	(0.6)	52.3	(0.9)	31.4	(0.9)	8.3	(0.4)	1.8	(0.2)
	Liechtenstein	12.9	(2.0)	72.7	(2.4)	11.4	(1.6)	2.1	(0.8)	0.9	(0.5)
	Lithuania	14.3	(0.6)	49.9	(0.7)	26.0	(0.7)	7.3	(0.4)	2.5	(0.2)
	Macao-China	20.1	(0.7)	55.0	(0.9)	17.5	(0.6)	5.3	(0.4)	2.2	(0.2)
	Montenegro	15.9	(0.6)	46.8	(0.8)	23.3	(0.6)	8.0	(0.4)	6.0	(0.4)
	Qatar	16.0	(0.6)	43.5	(0.8)	25.8	(0.5)	10.0	(0.4)	4.7	(0.3)
	Romania	10.4	(0.7)	45.7	(0.9)	28.5	(0.8)	10.1	(0.6)	5.4	(0.4)
Russian Federation	10.3	(0.9)	64.4	(1.2)	19.2	(0.8)	4.7	(0.4)	1.4	(0.2)	
Serbia	20.8	(0.7)	46.5	(0.8)	22.9	(0.7)	7.1	(0.4)	2.8	(0.3)	
Slovenia	14.8	(0.6)	60.0	(0.7)	20.0	(0.6)	4.5	(0.3)	0.8	(0.1)	
Chinese Taipei	14.3	(0.8)	50.3	(0.7)	27.3	(0.7)	5.8	(0.3)	2.2	(0.2)	
Thailand	7.8	(0.4)	62.5	(0.8)	22.0	(0.7)	5.8	(0.4)	1.9	(0.2)	
Tunisia	13.2	(0.6)	45.0	(1.0)	26.8	(0.7)	9.4	(0.6)	5.6	(0.4)	
Uruguay	21.9	(0.8)	56.1	(0.9)	16.9	(0.6)	3.7	(0.3)	1.4	(0.2)	

Table 2.1d Percentage of students who spend no time in out-of-school-time lessons, among those who take regular lessons at school

	Science		Mathematics		Language of instruction	
	%	S.E.	%	S.E.	%	S.E.
OECD						
Australia	73.7	(0.6)	60.2	(0.6)	65.5	(0.6)
Austria	87.1	(0.7)	73.0	(0.9)	87.0	(0.8)
Belgium	79.0	(0.6)	69.0	(0.7)	75.0	(0.5)
Canada	64.0	(0.7)	51.6	(0.7)	57.3	(0.7)
Czech Republic	65.5	(1.0)	57.0	(0.9)	62.4	(0.8)
Denmark	45.3	(1.0)	30.2	(0.9)	28.4	(0.9)
Finland	76.4	(0.7)	74.8	(0.7)	75.3	(0.7)
France	61.0	(0.9)	45.8	(0.7)	54.5	(0.9)
Germany	69.3	(0.9)	58.7	(1.0)	69.3	(0.9)
Greece	24.8	(0.9)	24.8	(0.9)	32.8	(0.8)
Hungary	41.3	(1.0)	32.9	(0.9)	35.4	(1.0)
Iceland	81.4	(0.6)	60.8	(0.9)	72.9	(0.8)
Ireland	76.4	(0.7)	60.5	(0.8)	69.3	(0.9)
Italy	68.1	(0.6)	57.1	(0.5)	68.2	(0.6)
Japan	81.8	(0.7)	62.5	(1.4)	73.6	(1.1)
Korea	48.6	(1.4)	26.6	(0.9)	38.1	(1.3)
Luxembourg	69.0	(0.7)	55.9	(0.8)	67.9	(0.7)
Mexico	45.8	(0.9)	45.1	(0.9)	47.1	(0.9)
Netherlands	58.4	(1.1)	54.6	(1.0)	59.8	(1.0)
New Zealand	72.7	(0.9)	62.0	(1.0)	65.9	(1.0)
Norway	38.7	(1.0)	35.3	(1.0)	34.9	(0.9)
Poland	59.0	(1.1)	48.8	(1.3)	55.8	(1.4)
Portugal	62.4	(0.9)	50.0	(1.2)	65.6	(1.1)
Slovak Republic	58.1	(1.3)	44.9	(1.4)	45.9	(1.2)
Spain	68.3	(0.8)	57.1	(0.7)	73.3	(0.8)
Sweden	63.5	(0.9)	59.8	(0.9)	59.5	(0.9)
Switzerland	73.7	(0.6)	58.6	(1.0)	71.6	(0.9)
Turkey	35.4	(1.1)	25.2	(0.9)	28.2	(1.0)
United Kingdom	67.0	(0.8)	60.3	(0.9)	65.2	(0.8)
United States	53.7	(0.9)	43.4	(1.1)	45.2	(1.1)
OECD average	62.3	(0.2)	51.6	(0.2)	58.4	(0.2)
Partners						
Argentina	72.3	(0.9)	60.4	(1.3)	76.3	(1.2)
Azerbaijan	39.0	(1.2)	36.3	(1.2)	34.2	(1.3)
Brazil	53.6	(0.9)	40.8	(0.9)	41.2	(0.9)
Bulgaria	47.6	(1.0)	45.4	(1.0)	48.3	(1.1)
Chile	46.1	(0.9)	43.3	(1.0)	45.8	(1.3)
Colombia	48.3	(1.3)	41.0	(1.0)	42.7	(1.1)
Croatia	70.0	(1.0)	59.9	(0.8)	79.7	(0.7)
Estonia	54.9	(0.9)	46.3	(1.0)	50.4	(1.2)
Hong Kong-China	42.8	(1.1)	37.2	(1.1)	57.0	(1.2)
Indonesia	41.1	(1.6)	32.4	(1.4)	32.9	(1.9)
Israel	43.0	(1.0)	21.8	(0.8)	38.6	(1.0)
Jordan	34.5	(1.2)	30.7	(1.1)	30.4	(1.1)
Kyrgyzstan	31.2	(1.1)	28.6	(1.2)	26.2	(0.8)
Latvia	60.2	(1.1)	37.4	(1.3)	50.1	(1.3)
Liechtenstein	68.7	(2.8)	63.0	(2.1)	77.4	(2.3)
Lithuania	64.7	(1.0)	52.8	(1.0)	61.8	(1.1)
Macao-China	48.3	(0.9)	47.6	(0.9)	51.5	(0.8)
Montenegro	46.4	(0.8)	57.1	(0.8)	63.6	(0.8)
Qatar	30.4	(0.7)	27.5	(0.6)	30.7	(0.6)
Romania	40.3	(1.2)	32.2	(1.1)	31.3	(1.1)
Russian Federation	40.2	(1.3)	33.4	(1.3)	46.4	(1.4)
Serbia	54.6	(0.9)	51.1	(0.9)	54.8	(0.9)
Slovenia	53.0	(0.9)	44.5	(0.7)	54.9	(0.8)
Chinese Taipei	60.9	(0.7)	43.0	(0.9)	66.5	(0.8)
Thailand	59.6	(1.2)	56.2	(1.1)	69.5	(0.9)
Tunisia	19.0	(0.7)	16.4	(0.7)	23.1	(1.0)
Uruguay	62.7	(0.8)	56.9	(0.8)	63.9	(0.9)



Table 2.2a Mean learning hours and allocation of total learning time in science

	Mean learning hours per week ¹								Allocation of total learning time in science for						
	Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study		
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD															
Australia	3.24	(0.03)	0.36	(0.01)	1.17	(0.02)	4.77	(0.05)	70.9	(0.3)	6.2	(0.2)	22.8	(0.2)	
Austria	2.47	(0.07)	0.21	(0.01)	1.28	(0.03)	3.96	(0.09)	64.1	(0.6)	4.2	(0.2)	31.7	(0.5)	
Belgium	2.63	(0.04)	0.32	(0.01)	1.25	(0.02)	4.20	(0.07)	63.5	(0.4)	6.6	(0.2)	29.9	(0.3)	
Canada	4.00	(0.04)	0.55	(0.01)	1.55	(0.02)	6.13	(0.06)	66.3	(0.4)	8.5	(0.2)	25.2	(0.3)	
Czech Republic	2.93	(0.07)	0.54	(0.02)	1.00	(0.03)	4.47	(0.10)	68.7	(0.6)	9.9	(0.3)	21.4	(0.4)	
Denmark	3.21	(0.04)	0.77	(0.02)	1.09	(0.02)	5.06	(0.07)	66.7	(0.5)	13.0	(0.3)	20.3	(0.3)	
Finland	3.13	(0.04)	0.32	(0.01)	1.07	(0.02)	4.52	(0.06)	70.9	(0.4)	5.9	(0.2)	23.1	(0.3)	
France	2.85	(0.05)	0.55	(0.02)	1.31	(0.03)	4.72	(0.08)	62.9	(0.5)	10.8	(0.3)	26.3	(0.4)	
Germany	3.06	(0.05)	0.51	(0.02)	1.71	(0.03)	5.28	(0.07)	58.0	(0.5)	8.5	(0.3)	33.6	(0.3)	
Greece	3.18	(0.05)	1.99	(0.04)	1.85	(0.04)	7.02	(0.10)	48.3	(0.6)	26.2	(0.4)	25.4	(0.4)	
Hungary	2.51	(0.04)	1.00	(0.03)	1.60	(0.03)	5.10	(0.08)	51.5	(0.5)	17.8	(0.4)	30.6	(0.4)	
Iceland	2.97	(0.02)	0.29	(0.01)	1.16	(0.02)	4.42	(0.04)	70.1	(0.4)	5.1	(0.2)	24.8	(0.3)	
Ireland	2.54	(0.04)	0.32	(0.01)	1.20	(0.03)	4.05	(0.07)	66.2	(0.4)	6.1	(0.2)	27.6	(0.4)	
Italy	2.91	(0.05)	0.58	(0.01)	2.10	(0.04)	5.58	(0.10)	54.0	(0.3)	9.2	(0.2)	36.9	(0.2)	
Japan	2.70	(0.05)	0.26	(0.01)	0.69	(0.02)	3.65	(0.07)	78.4	(0.4)	5.2	(0.2)	16.4	(0.4)	
Korea	3.58	(0.06)	1.02	(0.04)	1.22	(0.06)	5.84	(0.14)	67.4	(0.6)	13.8	(0.4)	18.7	(0.4)	
Luxembourg	2.33	(0.03)	0.50	(0.02)	1.25	(0.02)	4.09	(0.05)	59.8	(0.4)	10.0	(0.3)	30.2	(0.4)	
Mexico	3.15	(0.04)	1.01	(0.03)	2.12	(0.03)	6.24	(0.07)	48.5	(0.4)	14.9	(0.3)	36.5	(0.4)	
Netherlands	2.17	(0.04)	0.54	(0.02)	1.21	(0.03)	3.90	(0.06)	56.4	(0.6)	12.6	(0.4)	31.0	(0.4)	
New Zealand	4.06	(0.04)	0.41	(0.02)	1.28	(0.02)	5.74	(0.06)	73.1	(0.4)	6.2	(0.2)	20.7	(0.3)	
Norway	2.64	(0.03)	0.93	(0.02)	1.23	(0.02)	4.80	(0.05)	59.6	(0.5)	16.9	(0.3)	23.5	(0.3)	
Poland	2.72	(0.04)	0.62	(0.02)	2.02	(0.03)	5.36	(0.07)	53.2	(0.4)	10.3	(0.3)	36.5	(0.4)	
Portugal	3.21	(0.04)	0.63	(0.02)	2.09	(0.04)	5.93	(0.08)	54.6	(0.5)	9.3	(0.3)	36.0	(0.4)	
Slovak Republic	2.46	(0.07)	0.65	(0.03)	1.39	(0.04)	4.51	(0.12)	58.7	(0.6)	11.7	(0.4)	29.6	(0.4)	
Spain	3.12	(0.04)	0.68	(0.02)	1.74	(0.03)	5.56	(0.07)	58.9	(0.3)	10.7	(0.3)	30.4	(0.3)	
Sweden	2.81	(0.03)	0.50	(0.01)	1.15	(0.02)	4.45	(0.04)	66.7	(0.6)	9.2	(0.2)	24.1	(0.5)	
Switzerland	2.36	(0.04)	0.39	(0.01)	1.12	(0.02)	3.87	(0.06)	62.1	(0.4)	8.3	(0.2)	29.6	(0.3)	
Turkey	2.86	(0.09)	1.35	(0.05)	1.64	(0.05)	5.81	(0.18)	51.2	(0.5)	20.9	(0.4)	27.8	(0.4)	
United Kingdom	4.25	(0.04)	0.48	(0.02)	1.45	(0.02)	6.18	(0.05)	70.7	(0.3)	6.8	(0.2)	22.5	(0.3)	
United States	3.51	(0.05)	0.78	(0.02)	1.68	(0.03)	6.01	(0.06)	58.5	(0.5)	12.5	(0.4)	28.9	(0.3)	
OECD average	2.99	(0.01)	0.64	(0.00)	1.42	(0.01)	5.04	(0.01)	62.0	(0.1)	10.6	(0.1)	27.4	(0.1)	
Partners															
Argentina	2.26	(0.06)	0.49	(0.02)	1.59	(0.04)	4.32	(0.09)	53.1	(0.8)	9.6	(0.4)	37.2	(0.6)	
Azerbaijan	2.84	(0.05)	1.36	(0.03)	2.64	(0.05)	6.83	(0.10)	43.1	(0.6)	19.3	(0.5)	37.6	(0.4)	
Brazil	2.21	(0.03)	0.79	(0.02)	1.70	(0.02)	4.70	(0.06)	50.3	(0.4)	14.1	(0.3)	35.6	(0.3)	
Bulgaria	2.63	(0.08)	0.98	(0.03)	2.00	(0.06)	5.65	(0.13)	48.8	(0.7)	16.3	(0.6)	34.9	(0.4)	
Chile	2.33	(0.05)	0.83	(0.02)	1.52	(0.03)	4.70	(0.07)	49.0	(0.6)	16.4	(0.4)	34.6	(0.4)	
Colombia	3.50	(0.11)	0.95	(0.03)	1.83	(0.04)	6.28	(0.17)	58.9	(0.6)	13.1	(0.3)	28.0	(0.4)	
Croatia	2.02	(0.04)	0.43	(0.02)	1.46	(0.04)	3.93	(0.09)	54.5	(0.5)	9.8	(0.4)	35.6	(0.5)	
Estonia	3.27	(0.04)	0.76	(0.02)	1.54	(0.03)	5.57	(0.06)	61.5	(0.5)	12.6	(0.4)	25.9	(0.3)	
Hong Kong-China	3.14	(0.05)	0.88	(0.03)	1.44	(0.03)	5.45	(0.10)	61.0	(0.5)	13.9	(0.4)	25.2	(0.4)	
Indonesia	3.23	(0.07)	1.04	(0.04)	1.78	(0.03)	6.04	(0.11)	54.6	(1.0)	15.6	(0.7)	29.8	(0.4)	
Israel	2.43	(0.05)	0.98	(0.03)	1.35	(0.04)	4.75	(0.10)	54.4	(0.7)	18.3	(0.4)	27.3	(0.5)	
Jordan	3.25	(0.06)	1.52	(0.03)	2.65	(0.04)	7.40	(0.09)	42.9	(0.6)	20.3	(0.4)	36.8	(0.4)	
Kyrgyzstan	2.09	(0.06)	1.36	(0.03)	2.14	(0.03)	5.63	(0.09)	35.4	(0.6)	25.8	(0.6)	38.7	(0.4)	
Latvia	2.86	(0.06)	0.65	(0.02)	1.80	(0.03)	5.30	(0.09)	56.1	(0.5)	10.4	(0.3)	33.5	(0.4)	
Liechtenstein	2.57	(0.08)	0.52	(0.06)	1.20	(0.06)	4.29	(0.10)	61.8	(1.4)	10.2	(1.0)	28.1	(1.3)	
Lithuania	2.69	(0.04)	0.57	(0.02)	1.69	(0.03)	4.94	(0.06)	57.1	(0.5)	10.1	(0.3)	32.8	(0.3)	
Macao-China	3.74	(0.03)	1.00	(0.03)	1.37	(0.03)	6.11	(0.06)	64.7	(0.4)	14.5	(0.3)	20.7	(0.3)	
Montenegro	2.83	(0.04)	1.05	(0.02)	2.20	(0.03)	6.08	(0.07)	46.8	(0.4)	16.1	(0.3)	37.1	(0.5)	
Qatar	2.66	(0.03)	1.48	(0.02)	2.04	(0.02)	6.21	(0.06)	40.7	(0.3)	24.8	(0.3)	34.5	(0.3)	
Romania	2.26	(0.07)	1.03	(0.02)	1.61	(0.05)	4.88	(0.11)	48.1	(0.6)	19.5	(0.5)	32.4	(0.5)	
Russian Federation	3.73	(0.08)	1.12	(0.03)	2.87	(0.06)	7.72	(0.13)	48.6	(0.5)	15.0	(0.5)	36.4	(0.5)	
Serbia	2.86	(0.06)	0.78	(0.02)	1.71	(0.04)	5.35	(0.10)	56.8	(0.5)	13.4	(0.4)	29.8	(0.4)	
Slovenia	2.82	(0.03)	0.72	(0.02)	1.53	(0.02)	5.08	(0.05)	55.7	(0.4)	13.2	(0.3)	31.1	(0.4)	
Chinese Taipei	2.89	(0.05)	0.78	(0.02)	1.24	(0.03)	4.94	(0.10)	63.7	(0.4)	12.3	(0.2)	24.1	(0.3)	
Thailand	3.81	(0.04)	0.91	(0.03)	1.80	(0.03)	6.52	(0.07)	63.9	(0.4)	9.9	(0.3)	26.2	(0.3)	
Tunisia	2.62	(0.05)	1.93	(0.03)	2.61	(0.04)	7.14	(0.10)	37.3	(0.4)	25.9	(0.4)	36.9	(0.4)	
Uruguay	2.40	(0.05)	0.61	(0.02)	1.32	(0.03)	4.35	(0.07)	56.2	(0.5)	12.0	(0.3)	31.8	(0.4)	

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.

Table 2.2b Mean learning hours and allocation of total learning time in mathematics

	Mean learning hours per week ¹								Allocation of total learning time in mathematics for																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
OECD																Australia	4.10	(0.03)	0.75	(0.02)	1.79	(0.02)	6.65	(0.05)	65.8	(0.3)	9.3	(0.2)	25.0	(0.2)	Austria	3.22	(0.05)	0.51	(0.02)	2.13	(0.04)	5.88	(0.08)	58.5	(0.5)	6.6	(0.3)	34.9	(0.4)	Belgium	3.58	(0.04)	0.55	(0.01)	1.79	(0.03)	5.93	(0.06)	63.1	(0.3)	8.0	(0.2)	28.9	(0.3)	Canada	4.50	(0.04)	0.94	(0.02)	1.97	(0.03)	7.45	(0.07)	63.3	(0.3)	11.4	(0.2)	25.2	(0.2)	Czech Republic	4.00	(0.05)	0.76	(0.02)	1.32	(0.03)	6.06	(0.08)	70.3	(0.4)	9.8	(0.2)	19.8	(0.3)	Denmark	4.44	(0.03)	1.36	(0.03)	1.74	(0.02)	7.52	(0.06)	62.3	(0.3)	16.0	(0.3)	21.6	(0.2)	Finland	3.45	(0.04)	0.37	(0.02)	1.20	(0.02)	5.02	(0.06)	71.1	(0.3)	6.0	(0.2)	22.9	(0.2)	France	3.84	(0.03)	0.93	(0.02)	1.74	(0.03)	6.50	(0.06)	62.6	(0.3)	12.6	(0.2)	24.8	(0.3)	Germany	3.88	(0.04)	0.82	(0.03)	2.27	(0.03)	6.99	(0.07)	58.4	(0.3)	9.8	(0.3)	31.8	(0.3)	Greece	3.45	(0.04)	2.23	(0.05)	2.01	(0.03)	7.71	(0.10)	49.4	(0.5)	26.0	(0.5)	24.7	(0.4)	Hungary	3.29	(0.04)	1.29	(0.03)	1.84	(0.03)	6.42	(0.09)	54.3	(0.4)	17.7	(0.3)	28.0	(0.3)	Iceland	4.74	(0.02)	0.72	(0.02)	1.71	(0.02)	7.18	(0.05)	69.4	(0.3)	8.5	(0.2)	22.1	(0.2)	Ireland	3.66	(0.03)	0.72	(0.02)	1.76	(0.03)	6.14	(0.06)	63.6	(0.4)	9.5	(0.3)	26.9	(0.3)	Italy	3.74	(0.03)	0.89	(0.02)	2.48	(0.03)	7.12	(0.07)	55.0	(0.2)	10.8	(0.2)	34.2	(0.2)	Japan	4.24	(0.07)	0.71	(0.03)	1.48	(0.06)	6.43	(0.13)	71.7	(0.5)	8.7	(0.3)	19.6	(0.4)	Korea	4.70	(0.04)	2.28	(0.04)	2.31	(0.06)	9.32	(0.13)	57.0	(0.5)	20.9	(0.3)	22.1	(0.4)	Luxembourg	3.86	(0.03)	0.83	(0.02)	1.71	(0.02)	6.42	(0.05)	63.3	(0.3)	11.1	(0.2)	25.6	(0.3)	Mexico	3.94	(0.03)	1.18	(0.03)	2.26	(0.03)	7.35	(0.07)	54.5	(0.4)	14.4	(0.3)	31.1	(0.3)	Netherlands	2.87	(0.03)	0.69	(0.02)	1.47	(0.03)	5.02	(0.07)	60.0	(0.4)	12.0	(0.3)	27.9	(0.4)	New Zealand	4.38	(0.03)	0.68	(0.02)	1.59	(0.03)	6.66	(0.05)	69.6	(0.4)	8.5	(0.3)	21.9	(0.3)	Norway	3.39	(0.03)	1.05	(0.02)	1.40	(0.03)	5.84	(0.06)	62.2	(0.4)	15.9	(0.3)	21.9	(0.3)	Poland	4.36	(0.04)	0.78	(0.02)	2.09	(0.03)	7.23	(0.06)	62.5	(0.3)	10.1	(0.3)	27.4	(0.3)	Portugal	3.61	(0.04)	0.81	(0.02)	1.96	(0.03)	6.38	(0.07)	58.9	(0.4)	11.6	(0.3)	29.6	(0.3)	Slovak Republic	3.29	(0.05)	0.88	(0.03)	1.69	(0.03)	5.87	(0.10)	60.6	(0.5)	12.6	(0.3)	26.8	(0.3)	Spain	3.42	(0.03)	0.99	(0.02)	1.96	(0.03)	6.41	(0.06)	57.7	(0.3)	13.1	(0.2)	29.3	(0.3)	Sweden	3.09	(0.03)	0.61	(0.02)	1.18	(0.02)	4.88	(0.04)	68.1	(0.5)	9.9	(0.2)	22.0	(0.4)	Switzerland	3.86	(0.04)	0.70	(0.02)	1.69	(0.02)	6.26	(0.06)	63.6	(0.4)	9.6	(0.3)	26.8	(0.2)	Turkey	3.82	(0.06)	2.08	(0.05)	2.31	(0.05)	8.17	(0.14)	50.8	(0.4)	22.7	(0.4)	26.6	(0.3)	United Kingdom	3.78	(0.03)	0.63	(0.02)	1.49	(0.02)	5.90	(0.05)	67.1	(0.3)	8.9	(0.2)	24.0	(0.2)	United States	3.77	(0.05)	1.15	(0.03)	2.05	(0.03)	7.01	(0.07)	55.4	(0.5)	15.4	(0.4)	29.2	(0.3)	OECD average	3.81	(0.01)	0.96	(0.00)	1.81	(0.01)	6.59	(0.01)	61.7	(0.1)	12.2	(0.1)	26.1	(0.1)	Partners															Argentina	2.95	(0.06)	0.78	(0.04)	1.82	(0.04)	5.56	(0.10)	55.0	(0.6)	12.4	(0.5)	32.7	(0.4)	Azerbaijan	3.79	(0.06)	1.70	(0.05)	2.95	(0.06)	8.49	(0.13)	47.1	(0.5)	18.6	(0.4)	34.3	(0.5)	Brazil	3.15	(0.04)	1.21	(0.03)	1.80	(0.03)	6.14	(0.07)	54.4	(0.5)	17.3	(0.4)	28.3	(0.4)	Bulgaria	2.98	(0.07)	1.14	(0.04)	2.08	(0.06)	6.23	(0.15)	51.2	(0.5)	16.4	(0.5)	32.4	(0.4)	Chile	3.49	(0.06)	0.99	(0.03)	1.60	(0.03)	6.12	(0.10)	56.8	(0.5)	15.1	(0.3)	28.0	(0.4)	Colombia	4.21	(0.06)	1.23	(0.03)	1.93	(0.03)	7.37	(0.08)	60.7	(0.6)	14.2	(0.3)	25.0	(0.3)	Croatia	3.05	(0.04)	0.77	(0.02)	1.80	(0.03)	5.66	(0.06)	58.3	(0.5)	11.5	(0.3)	30.2	(0.4)	Estonia	4.19	(0.04)	0.99	(0.03)	1.96	(0.03)	7.15	(0.07)	62.2	(0.4)	12.3	(0.3)	25.5	(0.3)	Hong Kong-China	5.23	(0.04)	1.39	(0.04)	2.24	(0.04)	8.87	(0.08)	62.6	(0.4)	14.0	(0.3)	23.4	(0.3)	Indonesia	4.09	(0.07)	1.36	(0.05)	1.99	(0.03)	7.44	(0.10)	57.2	(0.6)	16.4	(0.5)	26.5	(0.3)	Israel	4.12	(0.04)	2.15	(0.04)	2.33	(0.05)	8.69	(0.11)	51.4	(0.6)	23.1	(0.3)	25.5	(0.4)	Jordan	3.48	(0.05)	1.82	(0.04)	2.69	(0.04)	7.96	(0.08)	43.2	(0.5)	22.3	(0.5)	34.5	(0.4)	Kyrgyzstan	2.88	(0.05)	1.55	(0.04)	2.22	(0.03)	6.71	(0.09)	42.0	(0.5)	24.1	(0.5)	33.9	(0.4)	Latvia	4.49	(0.04)	1.20	(0.04)	2.44	(0.04)	8.14	(0.09)	58.2	(0.3)	13.3	(0.4)	28.4	(0.3)	Liechtenstein	3.98	(0.08)	0.58	(0.05)	1.49	(0.06)	6.04	(0.12)	66.7	(1.2)	8.5	(0.6)	24.8	(1.0)	Lithuania	3.50	(0.04)	0.74	(0.02)	1.78	(0.03)	6.02	(0.06)	60.7	(0.4)	11.5	(0.3)	27.8	(0.3)	Macao-China	5.41	(0.03)	1.20	(0.03)	2.07	(0.03)	8.68	(0.06)	66.2	(0.4)	11.8	(0.2)	21.9	(0.3)	Montenegro	3.09	(0.04)	0.93	(0.02)	2.03	(0.03)	6.03	(0.07)	52.5	(0.4)	13.4	(0.3)	34.1	(0.4)	Qatar	3.11	(0.03)	1.85	(0.03)	2.22	(0.02)	7.21	(0.06)	43.3	(0.3)	25.2	(0.3)	31.6	(0.3)	Romania	3.01	(0.07)	1.50	(0.03)	2.16	(0.04)	6.67	(0.11)	49.5	(0.6)	19.7	(0.4)	30.7	(0.4)	Russian Federation	3.63	(0.06)	1.13	(0.03)	2.23	(0.05)	6.99	(0.10)	53.9	(0.5)	15.7	(0.6)	30.4	(0.4)	Serbia	3.27	(0.04)	0.97	(0.02)	1.82	(0.03)	6.06	(0.07)	59.3	(0.5)	13.0	(0.3)	27.7	(0.4)	Slovenia	3.33	(0.03)	1.02	(0.02)	1.92	(0.02)	6.30	(0.05)	55.6	(0.3)	14.4	(0.2)	30.1	(0.3)	Chinese Taipei	4.26	(0.05)	1.53	(0.04)	1.88	(0.04)	7.72	(0.12)	59.7	(0.4)	16.9	(0.3)	23.4	(0.2)	Thailand	3.77	(0.03)	0.92	(0.03)	1.81	(0.03)	6.50	(0.07)	63.4	(0.4)	10.6	(0.3)	26.0	(0.3)	Tunisia	3.39	(0.04)	2.42	(0.03)	2.57	(0.04)	8.38	(0.10)	41.7	(0.4)	27.1	(0.3)	31.2	(0.3)	Uruguay	3.31	(0.03)	0.84	(0.03)	1.57	(0.03)	5.74	(0.07)	60.8	(0.4)	12.4	(0.3)	26.8	(0.3)
Australia	4.10	(0.03)	0.75	(0.02)	1.79	(0.02)	6.65	(0.05)	65.8	(0.3)	9.3	(0.2)	25.0	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Austria	3.22	(0.05)	0.51	(0.02)	2.13	(0.04)	5.88	(0.08)	58.5	(0.5)	6.6	(0.3)	34.9	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Belgium	3.58	(0.04)	0.55	(0.01)	1.79	(0.03)	5.93	(0.06)	63.1	(0.3)	8.0	(0.2)	28.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Canada	4.50	(0.04)	0.94	(0.02)	1.97	(0.03)	7.45	(0.07)	63.3	(0.3)	11.4	(0.2)	25.2	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Czech Republic	4.00	(0.05)	0.76	(0.02)	1.32	(0.03)	6.06	(0.08)	70.3	(0.4)	9.8	(0.2)	19.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Denmark	4.44	(0.03)	1.36	(0.03)	1.74	(0.02)	7.52	(0.06)	62.3	(0.3)	16.0	(0.3)	21.6	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Finland	3.45	(0.04)	0.37	(0.02)	1.20	(0.02)	5.02	(0.06)	71.1	(0.3)	6.0	(0.2)	22.9	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
France	3.84	(0.03)	0.93	(0.02)	1.74	(0.03)	6.50	(0.06)	62.6	(0.3)	12.6	(0.2)	24.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Germany	3.88	(0.04)	0.82	(0.03)	2.27	(0.03)	6.99	(0.07)	58.4	(0.3)	9.8	(0.3)	31.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Greece	3.45	(0.04)	2.23	(0.05)	2.01	(0.03)	7.71	(0.10)	49.4	(0.5)	26.0	(0.5)	24.7	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Hungary	3.29	(0.04)	1.29	(0.03)	1.84	(0.03)	6.42	(0.09)	54.3	(0.4)	17.7	(0.3)	28.0	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Iceland	4.74	(0.02)	0.72	(0.02)	1.71	(0.02)	7.18	(0.05)	69.4	(0.3)	8.5	(0.2)	22.1	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Ireland	3.66	(0.03)	0.72	(0.02)	1.76	(0.03)	6.14	(0.06)	63.6	(0.4)	9.5	(0.3)	26.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Italy	3.74	(0.03)	0.89	(0.02)	2.48	(0.03)	7.12	(0.07)	55.0	(0.2)	10.8	(0.2)	34.2	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Japan	4.24	(0.07)	0.71	(0.03)	1.48	(0.06)	6.43	(0.13)	71.7	(0.5)	8.7	(0.3)	19.6	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Korea	4.70	(0.04)	2.28	(0.04)	2.31	(0.06)	9.32	(0.13)	57.0	(0.5)	20.9	(0.3)	22.1	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Luxembourg	3.86	(0.03)	0.83	(0.02)	1.71	(0.02)	6.42	(0.05)	63.3	(0.3)	11.1	(0.2)	25.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Mexico	3.94	(0.03)	1.18	(0.03)	2.26	(0.03)	7.35	(0.07)	54.5	(0.4)	14.4	(0.3)	31.1	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Netherlands	2.87	(0.03)	0.69	(0.02)	1.47	(0.03)	5.02	(0.07)	60.0	(0.4)	12.0	(0.3)	27.9	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
New Zealand	4.38	(0.03)	0.68	(0.02)	1.59	(0.03)	6.66	(0.05)	69.6	(0.4)	8.5	(0.3)	21.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Norway	3.39	(0.03)	1.05	(0.02)	1.40	(0.03)	5.84	(0.06)	62.2	(0.4)	15.9	(0.3)	21.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Poland	4.36	(0.04)	0.78	(0.02)	2.09	(0.03)	7.23	(0.06)	62.5	(0.3)	10.1	(0.3)	27.4	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Portugal	3.61	(0.04)	0.81	(0.02)	1.96	(0.03)	6.38	(0.07)	58.9	(0.4)	11.6	(0.3)	29.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Slovak Republic	3.29	(0.05)	0.88	(0.03)	1.69	(0.03)	5.87	(0.10)	60.6	(0.5)	12.6	(0.3)	26.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Spain	3.42	(0.03)	0.99	(0.02)	1.96	(0.03)	6.41	(0.06)	57.7	(0.3)	13.1	(0.2)	29.3	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Sweden	3.09	(0.03)	0.61	(0.02)	1.18	(0.02)	4.88	(0.04)	68.1	(0.5)	9.9	(0.2)	22.0	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Switzerland	3.86	(0.04)	0.70	(0.02)	1.69	(0.02)	6.26	(0.06)	63.6	(0.4)	9.6	(0.3)	26.8	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Turkey	3.82	(0.06)	2.08	(0.05)	2.31	(0.05)	8.17	(0.14)	50.8	(0.4)	22.7	(0.4)	26.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
United Kingdom	3.78	(0.03)	0.63	(0.02)	1.49	(0.02)	5.90	(0.05)	67.1	(0.3)	8.9	(0.2)	24.0	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
United States	3.77	(0.05)	1.15	(0.03)	2.05	(0.03)	7.01	(0.07)	55.4	(0.5)	15.4	(0.4)	29.2	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
OECD average	3.81	(0.01)	0.96	(0.00)	1.81	(0.01)	6.59	(0.01)	61.7	(0.1)	12.2	(0.1)	26.1	(0.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Partners															Argentina	2.95	(0.06)	0.78	(0.04)	1.82	(0.04)	5.56	(0.10)	55.0	(0.6)	12.4	(0.5)	32.7	(0.4)	Azerbaijan	3.79	(0.06)	1.70	(0.05)	2.95	(0.06)	8.49	(0.13)	47.1	(0.5)	18.6	(0.4)	34.3	(0.5)	Brazil	3.15	(0.04)	1.21	(0.03)	1.80	(0.03)	6.14	(0.07)	54.4	(0.5)	17.3	(0.4)	28.3	(0.4)	Bulgaria	2.98	(0.07)	1.14	(0.04)	2.08	(0.06)	6.23	(0.15)	51.2	(0.5)	16.4	(0.5)	32.4	(0.4)	Chile	3.49	(0.06)	0.99	(0.03)	1.60	(0.03)	6.12	(0.10)	56.8	(0.5)	15.1	(0.3)	28.0	(0.4)	Colombia	4.21	(0.06)	1.23	(0.03)	1.93	(0.03)	7.37	(0.08)	60.7	(0.6)	14.2	(0.3)	25.0	(0.3)	Croatia	3.05	(0.04)	0.77	(0.02)	1.80	(0.03)	5.66	(0.06)	58.3	(0.5)	11.5	(0.3)	30.2	(0.4)	Estonia	4.19	(0.04)	0.99	(0.03)	1.96	(0.03)	7.15	(0.07)	62.2	(0.4)	12.3	(0.3)	25.5	(0.3)	Hong Kong-China	5.23	(0.04)	1.39	(0.04)	2.24	(0.04)	8.87	(0.08)	62.6	(0.4)	14.0	(0.3)	23.4	(0.3)	Indonesia	4.09	(0.07)	1.36	(0.05)	1.99	(0.03)	7.44	(0.10)	57.2	(0.6)	16.4	(0.5)	26.5	(0.3)	Israel	4.12	(0.04)	2.15	(0.04)	2.33	(0.05)	8.69	(0.11)	51.4	(0.6)	23.1	(0.3)	25.5	(0.4)	Jordan	3.48	(0.05)	1.82	(0.04)	2.69	(0.04)	7.96	(0.08)	43.2	(0.5)	22.3	(0.5)	34.5	(0.4)	Kyrgyzstan	2.88	(0.05)	1.55	(0.04)	2.22	(0.03)	6.71	(0.09)	42.0	(0.5)	24.1	(0.5)	33.9	(0.4)	Latvia	4.49	(0.04)	1.20	(0.04)	2.44	(0.04)	8.14	(0.09)	58.2	(0.3)	13.3	(0.4)	28.4	(0.3)	Liechtenstein	3.98	(0.08)	0.58	(0.05)	1.49	(0.06)	6.04	(0.12)	66.7	(1.2)	8.5	(0.6)	24.8	(1.0)	Lithuania	3.50	(0.04)	0.74	(0.02)	1.78	(0.03)	6.02	(0.06)	60.7	(0.4)	11.5	(0.3)	27.8	(0.3)	Macao-China	5.41	(0.03)	1.20	(0.03)	2.07	(0.03)	8.68	(0.06)	66.2	(0.4)	11.8	(0.2)	21.9	(0.3)	Montenegro	3.09	(0.04)	0.93	(0.02)	2.03	(0.03)	6.03	(0.07)	52.5	(0.4)	13.4	(0.3)	34.1	(0.4)	Qatar	3.11	(0.03)	1.85	(0.03)	2.22	(0.02)	7.21	(0.06)	43.3	(0.3)	25.2	(0.3)	31.6	(0.3)	Romania	3.01	(0.07)	1.50	(0.03)	2.16	(0.04)	6.67	(0.11)	49.5	(0.6)	19.7	(0.4)	30.7	(0.4)	Russian Federation	3.63	(0.06)	1.13	(0.03)	2.23	(0.05)	6.99	(0.10)	53.9	(0.5)	15.7	(0.6)	30.4	(0.4)	Serbia	3.27	(0.04)	0.97	(0.02)	1.82	(0.03)	6.06	(0.07)	59.3	(0.5)	13.0	(0.3)	27.7	(0.4)	Slovenia	3.33	(0.03)	1.02	(0.02)	1.92	(0.02)	6.30	(0.05)	55.6	(0.3)	14.4	(0.2)	30.1	(0.3)	Chinese Taipei	4.26	(0.05)	1.53	(0.04)	1.88	(0.04)	7.72	(0.12)	59.7	(0.4)	16.9	(0.3)	23.4	(0.2)	Thailand	3.77	(0.03)	0.92	(0.03)	1.81	(0.03)	6.50	(0.07)	63.4	(0.4)	10.6	(0.3)	26.0	(0.3)	Tunisia	3.39	(0.04)	2.42	(0.03)	2.57	(0.04)	8.38	(0.10)	41.7	(0.4)	27.1	(0.3)	31.2	(0.3)	Uruguay	3.31	(0.03)	0.84	(0.03)	1.57	(0.03)	5.74	(0.07)	60.8	(0.4)	12.4	(0.3)	26.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Argentina	2.95	(0.06)	0.78	(0.04)	1.82	(0.04)	5.56	(0.10)	55.0	(0.6)	12.4	(0.5)	32.7	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Azerbaijan	3.79	(0.06)	1.70	(0.05)	2.95	(0.06)	8.49	(0.13)	47.1	(0.5)	18.6	(0.4)	34.3	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Brazil	3.15	(0.04)	1.21	(0.03)	1.80	(0.03)	6.14	(0.07)	54.4	(0.5)	17.3	(0.4)	28.3	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Bulgaria	2.98	(0.07)	1.14	(0.04)	2.08	(0.06)	6.23	(0.15)	51.2	(0.5)	16.4	(0.5)	32.4	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Chile	3.49	(0.06)	0.99	(0.03)	1.60	(0.03)	6.12	(0.10)	56.8	(0.5)	15.1	(0.3)	28.0	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Colombia	4.21	(0.06)	1.23	(0.03)	1.93	(0.03)	7.37	(0.08)	60.7	(0.6)	14.2	(0.3)	25.0	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Croatia	3.05	(0.04)	0.77	(0.02)	1.80	(0.03)	5.66	(0.06)	58.3	(0.5)	11.5	(0.3)	30.2	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Estonia	4.19	(0.04)	0.99	(0.03)	1.96	(0.03)	7.15	(0.07)	62.2	(0.4)	12.3	(0.3)	25.5	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Hong Kong-China	5.23	(0.04)	1.39	(0.04)	2.24	(0.04)	8.87	(0.08)	62.6	(0.4)	14.0	(0.3)	23.4	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Indonesia	4.09	(0.07)	1.36	(0.05)	1.99	(0.03)	7.44	(0.10)	57.2	(0.6)	16.4	(0.5)	26.5	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Israel	4.12	(0.04)	2.15	(0.04)	2.33	(0.05)	8.69	(0.11)	51.4	(0.6)	23.1	(0.3)	25.5	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Jordan	3.48	(0.05)	1.82	(0.04)	2.69	(0.04)	7.96	(0.08)	43.2	(0.5)	22.3	(0.5)	34.5	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Kyrgyzstan	2.88	(0.05)	1.55	(0.04)	2.22	(0.03)	6.71	(0.09)	42.0	(0.5)	24.1	(0.5)	33.9	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Latvia	4.49	(0.04)	1.20	(0.04)	2.44	(0.04)	8.14	(0.09)	58.2	(0.3)	13.3	(0.4)	28.4	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Liechtenstein	3.98	(0.08)	0.58	(0.05)	1.49	(0.06)	6.04	(0.12)	66.7	(1.2)	8.5	(0.6)	24.8	(1.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Lithuania	3.50	(0.04)	0.74	(0.02)	1.78	(0.03)	6.02	(0.06)	60.7	(0.4)	11.5	(0.3)	27.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Macao-China	5.41	(0.03)	1.20	(0.03)	2.07	(0.03)	8.68	(0.06)	66.2	(0.4)	11.8	(0.2)	21.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Montenegro	3.09	(0.04)	0.93	(0.02)	2.03	(0.03)	6.03	(0.07)	52.5	(0.4)	13.4	(0.3)	34.1	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Qatar	3.11	(0.03)	1.85	(0.03)	2.22	(0.02)	7.21	(0.06)	43.3	(0.3)	25.2	(0.3)	31.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Romania	3.01	(0.07)	1.50	(0.03)	2.16	(0.04)	6.67	(0.11)	49.5	(0.6)	19.7	(0.4)	30.7	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Russian Federation	3.63	(0.06)	1.13	(0.03)	2.23	(0.05)	6.99	(0.10)	53.9	(0.5)	15.7	(0.6)	30.4	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Serbia	3.27	(0.04)	0.97	(0.02)	1.82	(0.03)	6.06	(0.07)	59.3	(0.5)	13.0	(0.3)	27.7	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Slovenia	3.33	(0.03)	1.02	(0.02)	1.92	(0.02)	6.30	(0.05)	55.6	(0.3)	14.4	(0.2)	30.1	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Chinese Taipei	4.26	(0.05)	1.53	(0.04)	1.88	(0.04)	7.72	(0.12)	59.7	(0.4)	16.9	(0.3)	23.4	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Thailand	3.77	(0.03)	0.92	(0.03)	1.81	(0.03)	6.50	(0.07)	63.4	(0.4)	10.6	(0.3)	26.0	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Tunisia	3.39	(0.04)	2.42	(0.03)	2.57	(0.04)	8.38	(0.10)	41.7	(0.4)	27.1	(0.3)	31.2	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Uruguay	3.31	(0.03)	0.84	(0.03)	1.57	(0.03)	5.74	(0.07)	60.8	(0.4)	12.4	(0.3)	26.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.



Table 2.2c Mean learning hours and allocation of total learning time on the language of instruction

	Mean learning hours per week ¹								Allocation of total learning time on the language of instruction for																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
OECD																Australia	4.06	(0.03)	0.66	(0.02)	1.71	(0.02)	6.43	(0.04)	67.1	(0.3)	8.3	(0.2)	24.7	(0.2)	Austria	2.87	(0.03)	0.24	(0.02)	1.55	(0.04)	4.66	(0.07)	65.5	(0.4)	3.3	(0.2)	31.2	(0.4)	Belgium	3.49	(0.03)	0.46	(0.01)	1.35	(0.02)	5.30	(0.04)	67.3	(0.3)	7.1	(0.2)	25.7	(0.2)	Canada	4.43	(0.04)	0.86	(0.02)	1.74	(0.03)	7.06	(0.06)	65.6	(0.3)	10.8	(0.2)	23.6	(0.2)	Czech Republic	3.72	(0.03)	0.61	(0.01)	1.16	(0.02)	5.49	(0.05)	71.6	(0.4)	9.0	(0.2)	19.4	(0.4)	Denmark	5.50	(0.03)	1.68	(0.03)	2.16	(0.03)	9.34	(0.07)	62.2	(0.3)	16.0	(0.2)	21.9	(0.2)	Finland	3.13	(0.05)	0.36	(0.01)	1.13	(0.02)	4.63	(0.07)	70.7	(0.4)	6.2	(0.2)	23.1	(0.3)	France	4.01	(0.03)	0.77	(0.02)	1.51	(0.02)	6.30	(0.04)	67.0	(0.4)	10.7	(0.3)	22.3	(0.3)	Germany	3.66	(0.03)	0.61	(0.02)	1.89	(0.03)	6.17	(0.05)	62.3	(0.4)	7.9	(0.3)	29.8	(0.3)	Greece	3.18	(0.04)	1.63	(0.03)	1.94	(0.03)	6.75	(0.08)	51.0	(0.5)	21.6	(0.4)	27.5	(0.3)	Hungary	3.18	(0.04)	1.31	(0.03)	1.86	(0.03)	6.36	(0.08)	53.2	(0.4)	18.3	(0.3)	28.5	(0.3)	Iceland	4.52	(0.02)	0.46	(0.02)	1.54	(0.02)	6.54	(0.04)	71.8	(0.3)	6.0	(0.2)	22.2	(0.2)	Ireland	3.55	(0.03)	0.63	(0.02)	1.75	(0.03)	5.94	(0.07)	64.3	(0.4)	8.1	(0.3)	27.6	(0.3)	Italy	4.62	(0.03)	0.79	(0.02)	2.95	(0.04)	8.37	(0.07)	57.2	(0.2)	8.3	(0.2)	34.5	(0.2)	Japan	3.82	(0.04)	0.43	(0.02)	0.94	(0.03)	5.19	(0.07)	78.1	(0.5)	6.3	(0.3)	15.5	(0.4)	Korea	4.48	(0.04)	1.45	(0.04)	1.40	(0.03)	7.34	(0.09)	66.4	(0.5)	16.5	(0.4)	17.2	(0.2)	Luxembourg	3.50	(0.03)	0.60	(0.02)	1.38	(0.02)	5.48	(0.04)	67.3	(0.3)	8.8	(0.2)	23.9	(0.3)	Mexico	3.73	(0.04)	1.10	(0.03)	2.06	(0.03)	6.87	(0.07)	55.1	(0.4)	14.6	(0.3)	30.4	(0.3)	Netherlands	2.92	(0.03)	0.64	(0.02)	1.33	(0.02)	4.89	(0.05)	63.0	(0.4)	10.8	(0.3)	26.2	(0.3)	New Zealand	4.39	(0.03)	0.65	(0.03)	1.57	(0.03)	6.62	(0.06)	70.2	(0.4)	8.0	(0.3)	21.9	(0.3)	Norway	3.60	(0.04)	1.16	(0.02)	1.44	(0.03)	6.19	(0.06)	62.2	(0.5)	16.4	(0.3)	21.4	(0.3)	Poland	4.64	(0.03)	0.70	(0.03)	2.22	(0.03)	7.56	(0.05)	63.5	(0.3)	8.5	(0.3)	27.9	(0.3)	Portugal	3.27	(0.03)	0.57	(0.02)	1.79	(0.03)	5.63	(0.05)	61.0	(0.4)	8.7	(0.3)	30.3	(0.3)	Slovak Republic	3.12	(0.05)	0.89	(0.03)	1.74	(0.03)	5.75	(0.08)	59.0	(0.5)	12.7	(0.3)	28.3	(0.5)	Spain	3.60	(0.03)	0.58	(0.02)	1.89	(0.03)	6.10	(0.05)	62.7	(0.3)	8.1	(0.3)	29.2	(0.3)	Sweden	3.12	(0.03)	0.68	(0.02)	1.26	(0.02)	5.06	(0.06)	66.7	(0.5)	10.3	(0.2)	23.0	(0.4)	Switzerland	3.65	(0.04)	0.49	(0.02)	1.40	(0.02)	5.54	(0.05)	67.5	(0.4)	7.1	(0.3)	25.4	(0.2)	Turkey	3.99	(0.05)	1.81	(0.05)	2.18	(0.05)	7.96	(0.12)	54.7	(0.6)	19.8	(0.4)	25.5	(0.3)	United Kingdom	3.89	(0.04)	0.59	(0.02)	1.59	(0.02)	6.08	(0.06)	67.6	(0.3)	7.8	(0.2)	24.6	(0.3)	United States	3.64	(0.04)	1.11	(0.03)	1.87	(0.03)	6.65	(0.06)	55.8	(0.6)	16.0	(0.4)	28.2	(0.3)	OECD average	3.78	(0.01)	0.82	(0.00)	1.68	(0.01)	6.28	(0.01)	63.9	(0.1)	10.7	(0.1)	25.4	(0.1)	Partners																Argentina	2.39	(0.05)	0.43	(0.03)	1.64	(0.04)	4.45	(0.08)	55.2	(0.6)	8.0	(0.5)	36.8	(0.5)	Azerbaijan	3.69	(0.05)	1.80	(0.05)	3.10	(0.05)	8.66	(0.11)	44.9	(0.6)	19.3	(0.5)	35.8	(0.5)	Brazil	3.10	(0.04)	1.18	(0.03)	1.74	(0.03)	6.01	(0.06)	54.4	(0.4)	17.7	(0.4)	27.8	(0.3)	Bulgaria	2.91	(0.05)	1.09	(0.04)	2.05	(0.05)	6.08	(0.11)	51.8	(0.5)	15.4	(0.4)	32.7	(0.4)	Chile	3.45	(0.06)	1.00	(0.03)	1.56	(0.03)	6.03	(0.08)	57.4	(0.6)	15.2	(0.5)	27.4	(0.4)	Colombia	3.92	(0.05)	1.15	(0.03)	1.84	(0.04)	6.92	(0.08)	60.2	(0.6)	14.5	(0.4)	25.3	(0.4)	Croatia	3.33	(0.03)	0.39	(0.02)	1.58	(0.03)	5.32	(0.06)	66.8	(0.4)	5.9	(0.2)	27.4	(0.4)	Estonia	3.48	(0.04)	0.88	(0.03)	1.62	(0.03)	5.99	(0.06)	61.8	(0.5)	13.1	(0.4)	25.2	(0.3)	Hong Kong-China	5.19	(0.04)	0.81	(0.03)	1.64	(0.03)	7.64	(0.08)	70.9	(0.4)	9.1	(0.3)	20.0	(0.3)	Indonesia	3.64	(0.05)	1.25	(0.04)	1.80	(0.03)	6.68	(0.10)	56.3	(0.7)	16.7	(0.6)	27.1	(0.3)	Israel	3.03	(0.04)	1.33	(0.03)	1.66	(0.04)	6.04	(0.09)	54.0	(0.5)	19.8	(0.4)	26.1	(0.4)	Jordan	3.56	(0.05)	1.77	(0.04)	2.59	(0.04)	7.92	(0.09)	44.2	(0.6)	22.2	(0.5)	33.6	(0.4)	Kyrgyzstan	2.74	(0.06)	1.70	(0.03)	2.34	(0.04)	6.85	(0.09)	39.9	(0.5)	26.1	(0.4)	34.0	(0.4)	Latvia	3.69	(0.04)	0.88	(0.03)	2.01	(0.03)	6.58	(0.07)	59.2	(0.4)	11.4	(0.4)	29.3	(0.3)	Liechtenstein	3.66	(0.08)	0.32	(0.04)	1.24	(0.06)	5.21	(0.10)	69.8	(1.2)	5.6	(0.7)	24.6	(0.9)	Lithuania	3.66	(0.04)	0.66	(0.02)	1.82	(0.03)	6.13	(0.06)	62.3	(0.4)	9.9	(0.3)	27.8	(0.3)	Macao-China	5.32	(0.03)	1.06	(0.03)	1.49	(0.03)	7.86	(0.06)	71.4	(0.3)	11.1	(0.2)	17.5	(0.2)	Montenegro	2.93	(0.04)	0.75	(0.02)	1.99	(0.03)	5.66	(0.07)	53.0	(0.4)	11.4	(0.3)	35.6	(0.4)	Qatar	2.90	(0.03)	1.59	(0.03)	2.04	(0.02)	6.51	(0.06)	44.7	(0.3)	23.6	(0.3)	31.7	(0.3)	Romania	3.30	(0.06)	1.52	(0.03)	2.19	(0.04)	7.02	(0.10)	50.6	(0.6)	19.7	(0.4)	29.6	(0.3)	Russian Federation	2.04	(0.04)	0.82	(0.03)	1.55	(0.04)	4.40	(0.07)	48.2	(0.6)	16.4	(0.6)	35.4	(0.5)	Serbia	3.17	(0.04)	0.93	(0.03)	1.70	(0.03)	5.80	(0.07)	60.2	(0.5)	12.9	(0.4)	26.9	(0.3)	Slovenia	3.25	(0.03)	0.73	(0.02)	1.48	(0.02)	5.47	(0.04)	60.9	(0.4)	12.1	(0.2)	27.1	(0.3)	Chinese Taipei	4.37	(0.05)	0.69	(0.02)	1.77	(0.03)	6.87	(0.08)	66.1	(0.4)	8.9	(0.2)	25.0	(0.2)	Thailand	3.10	(0.02)	0.56	(0.02)	1.71	(0.03)	5.36	(0.05)	62.5	(0.4)	7.4	(0.3)	30.1	(0.3)	Tunisia	3.14	(0.05)	1.78	(0.04)	2.12	(0.04)	7.05	(0.10)	45.6	(0.7)	23.6	(0.5)	30.8	(0.5)	Uruguay	2.74	(0.04)	0.65	(0.02)	1.35	(0.02)	4.76	(0.06)	60.8	(0.5)	11.3	(0.4)	27.9	(0.3)
Australia	4.06	(0.03)	0.66	(0.02)	1.71	(0.02)	6.43	(0.04)	67.1	(0.3)	8.3	(0.2)	24.7	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Austria	2.87	(0.03)	0.24	(0.02)	1.55	(0.04)	4.66	(0.07)	65.5	(0.4)	3.3	(0.2)	31.2	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Belgium	3.49	(0.03)	0.46	(0.01)	1.35	(0.02)	5.30	(0.04)	67.3	(0.3)	7.1	(0.2)	25.7	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Canada	4.43	(0.04)	0.86	(0.02)	1.74	(0.03)	7.06	(0.06)	65.6	(0.3)	10.8	(0.2)	23.6	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Czech Republic	3.72	(0.03)	0.61	(0.01)	1.16	(0.02)	5.49	(0.05)	71.6	(0.4)	9.0	(0.2)	19.4	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Denmark	5.50	(0.03)	1.68	(0.03)	2.16	(0.03)	9.34	(0.07)	62.2	(0.3)	16.0	(0.2)	21.9	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Finland	3.13	(0.05)	0.36	(0.01)	1.13	(0.02)	4.63	(0.07)	70.7	(0.4)	6.2	(0.2)	23.1	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
France	4.01	(0.03)	0.77	(0.02)	1.51	(0.02)	6.30	(0.04)	67.0	(0.4)	10.7	(0.3)	22.3	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Germany	3.66	(0.03)	0.61	(0.02)	1.89	(0.03)	6.17	(0.05)	62.3	(0.4)	7.9	(0.3)	29.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Greece	3.18	(0.04)	1.63	(0.03)	1.94	(0.03)	6.75	(0.08)	51.0	(0.5)	21.6	(0.4)	27.5	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Hungary	3.18	(0.04)	1.31	(0.03)	1.86	(0.03)	6.36	(0.08)	53.2	(0.4)	18.3	(0.3)	28.5	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Iceland	4.52	(0.02)	0.46	(0.02)	1.54	(0.02)	6.54	(0.04)	71.8	(0.3)	6.0	(0.2)	22.2	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Ireland	3.55	(0.03)	0.63	(0.02)	1.75	(0.03)	5.94	(0.07)	64.3	(0.4)	8.1	(0.3)	27.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Italy	4.62	(0.03)	0.79	(0.02)	2.95	(0.04)	8.37	(0.07)	57.2	(0.2)	8.3	(0.2)	34.5	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Japan	3.82	(0.04)	0.43	(0.02)	0.94	(0.03)	5.19	(0.07)	78.1	(0.5)	6.3	(0.3)	15.5	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Korea	4.48	(0.04)	1.45	(0.04)	1.40	(0.03)	7.34	(0.09)	66.4	(0.5)	16.5	(0.4)	17.2	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Luxembourg	3.50	(0.03)	0.60	(0.02)	1.38	(0.02)	5.48	(0.04)	67.3	(0.3)	8.8	(0.2)	23.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Mexico	3.73	(0.04)	1.10	(0.03)	2.06	(0.03)	6.87	(0.07)	55.1	(0.4)	14.6	(0.3)	30.4	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Netherlands	2.92	(0.03)	0.64	(0.02)	1.33	(0.02)	4.89	(0.05)	63.0	(0.4)	10.8	(0.3)	26.2	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
New Zealand	4.39	(0.03)	0.65	(0.03)	1.57	(0.03)	6.62	(0.06)	70.2	(0.4)	8.0	(0.3)	21.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Norway	3.60	(0.04)	1.16	(0.02)	1.44	(0.03)	6.19	(0.06)	62.2	(0.5)	16.4	(0.3)	21.4	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Poland	4.64	(0.03)	0.70	(0.03)	2.22	(0.03)	7.56	(0.05)	63.5	(0.3)	8.5	(0.3)	27.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Portugal	3.27	(0.03)	0.57	(0.02)	1.79	(0.03)	5.63	(0.05)	61.0	(0.4)	8.7	(0.3)	30.3	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Slovak Republic	3.12	(0.05)	0.89	(0.03)	1.74	(0.03)	5.75	(0.08)	59.0	(0.5)	12.7	(0.3)	28.3	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Spain	3.60	(0.03)	0.58	(0.02)	1.89	(0.03)	6.10	(0.05)	62.7	(0.3)	8.1	(0.3)	29.2	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Sweden	3.12	(0.03)	0.68	(0.02)	1.26	(0.02)	5.06	(0.06)	66.7	(0.5)	10.3	(0.2)	23.0	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Switzerland	3.65	(0.04)	0.49	(0.02)	1.40	(0.02)	5.54	(0.05)	67.5	(0.4)	7.1	(0.3)	25.4	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Turkey	3.99	(0.05)	1.81	(0.05)	2.18	(0.05)	7.96	(0.12)	54.7	(0.6)	19.8	(0.4)	25.5	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
United Kingdom	3.89	(0.04)	0.59	(0.02)	1.59	(0.02)	6.08	(0.06)	67.6	(0.3)	7.8	(0.2)	24.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
United States	3.64	(0.04)	1.11	(0.03)	1.87	(0.03)	6.65	(0.06)	55.8	(0.6)	16.0	(0.4)	28.2	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
OECD average	3.78	(0.01)	0.82	(0.00)	1.68	(0.01)	6.28	(0.01)	63.9	(0.1)	10.7	(0.1)	25.4	(0.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Partners																Argentina	2.39	(0.05)	0.43	(0.03)	1.64	(0.04)	4.45	(0.08)	55.2	(0.6)	8.0	(0.5)	36.8	(0.5)	Azerbaijan	3.69	(0.05)	1.80	(0.05)	3.10	(0.05)	8.66	(0.11)	44.9	(0.6)	19.3	(0.5)	35.8	(0.5)	Brazil	3.10	(0.04)	1.18	(0.03)	1.74	(0.03)	6.01	(0.06)	54.4	(0.4)	17.7	(0.4)	27.8	(0.3)	Bulgaria	2.91	(0.05)	1.09	(0.04)	2.05	(0.05)	6.08	(0.11)	51.8	(0.5)	15.4	(0.4)	32.7	(0.4)	Chile	3.45	(0.06)	1.00	(0.03)	1.56	(0.03)	6.03	(0.08)	57.4	(0.6)	15.2	(0.5)	27.4	(0.4)	Colombia	3.92	(0.05)	1.15	(0.03)	1.84	(0.04)	6.92	(0.08)	60.2	(0.6)	14.5	(0.4)	25.3	(0.4)	Croatia	3.33	(0.03)	0.39	(0.02)	1.58	(0.03)	5.32	(0.06)	66.8	(0.4)	5.9	(0.2)	27.4	(0.4)	Estonia	3.48	(0.04)	0.88	(0.03)	1.62	(0.03)	5.99	(0.06)	61.8	(0.5)	13.1	(0.4)	25.2	(0.3)	Hong Kong-China	5.19	(0.04)	0.81	(0.03)	1.64	(0.03)	7.64	(0.08)	70.9	(0.4)	9.1	(0.3)	20.0	(0.3)	Indonesia	3.64	(0.05)	1.25	(0.04)	1.80	(0.03)	6.68	(0.10)	56.3	(0.7)	16.7	(0.6)	27.1	(0.3)	Israel	3.03	(0.04)	1.33	(0.03)	1.66	(0.04)	6.04	(0.09)	54.0	(0.5)	19.8	(0.4)	26.1	(0.4)	Jordan	3.56	(0.05)	1.77	(0.04)	2.59	(0.04)	7.92	(0.09)	44.2	(0.6)	22.2	(0.5)	33.6	(0.4)	Kyrgyzstan	2.74	(0.06)	1.70	(0.03)	2.34	(0.04)	6.85	(0.09)	39.9	(0.5)	26.1	(0.4)	34.0	(0.4)	Latvia	3.69	(0.04)	0.88	(0.03)	2.01	(0.03)	6.58	(0.07)	59.2	(0.4)	11.4	(0.4)	29.3	(0.3)	Liechtenstein	3.66	(0.08)	0.32	(0.04)	1.24	(0.06)	5.21	(0.10)	69.8	(1.2)	5.6	(0.7)	24.6	(0.9)	Lithuania	3.66	(0.04)	0.66	(0.02)	1.82	(0.03)	6.13	(0.06)	62.3	(0.4)	9.9	(0.3)	27.8	(0.3)	Macao-China	5.32	(0.03)	1.06	(0.03)	1.49	(0.03)	7.86	(0.06)	71.4	(0.3)	11.1	(0.2)	17.5	(0.2)	Montenegro	2.93	(0.04)	0.75	(0.02)	1.99	(0.03)	5.66	(0.07)	53.0	(0.4)	11.4	(0.3)	35.6	(0.4)	Qatar	2.90	(0.03)	1.59	(0.03)	2.04	(0.02)	6.51	(0.06)	44.7	(0.3)	23.6	(0.3)	31.7	(0.3)	Romania	3.30	(0.06)	1.52	(0.03)	2.19	(0.04)	7.02	(0.10)	50.6	(0.6)	19.7	(0.4)	29.6	(0.3)	Russian Federation	2.04	(0.04)	0.82	(0.03)	1.55	(0.04)	4.40	(0.07)	48.2	(0.6)	16.4	(0.6)	35.4	(0.5)	Serbia	3.17	(0.04)	0.93	(0.03)	1.70	(0.03)	5.80	(0.07)	60.2	(0.5)	12.9	(0.4)	26.9	(0.3)	Slovenia	3.25	(0.03)	0.73	(0.02)	1.48	(0.02)	5.47	(0.04)	60.9	(0.4)	12.1	(0.2)	27.1	(0.3)	Chinese Taipei	4.37	(0.05)	0.69	(0.02)	1.77	(0.03)	6.87	(0.08)	66.1	(0.4)	8.9	(0.2)	25.0	(0.2)	Thailand	3.10	(0.02)	0.56	(0.02)	1.71	(0.03)	5.36	(0.05)	62.5	(0.4)	7.4	(0.3)	30.1	(0.3)	Tunisia	3.14	(0.05)	1.78	(0.04)	2.12	(0.04)	7.05	(0.10)	45.6	(0.7)	23.6	(0.5)	30.8	(0.5)	Uruguay	2.74	(0.04)	0.65	(0.02)	1.35	(0.02)	4.76	(0.06)	60.8	(0.5)	11.3	(0.4)	27.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Argentina	2.39	(0.05)	0.43	(0.03)	1.64	(0.04)	4.45	(0.08)	55.2	(0.6)	8.0	(0.5)	36.8	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Azerbaijan	3.69	(0.05)	1.80	(0.05)	3.10	(0.05)	8.66	(0.11)	44.9	(0.6)	19.3	(0.5)	35.8	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Brazil	3.10	(0.04)	1.18	(0.03)	1.74	(0.03)	6.01	(0.06)	54.4	(0.4)	17.7	(0.4)	27.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Bulgaria	2.91	(0.05)	1.09	(0.04)	2.05	(0.05)	6.08	(0.11)	51.8	(0.5)	15.4	(0.4)	32.7	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Chile	3.45	(0.06)	1.00	(0.03)	1.56	(0.03)	6.03	(0.08)	57.4	(0.6)	15.2	(0.5)	27.4	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Colombia	3.92	(0.05)	1.15	(0.03)	1.84	(0.04)	6.92	(0.08)	60.2	(0.6)	14.5	(0.4)	25.3	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Croatia	3.33	(0.03)	0.39	(0.02)	1.58	(0.03)	5.32	(0.06)	66.8	(0.4)	5.9	(0.2)	27.4	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Estonia	3.48	(0.04)	0.88	(0.03)	1.62	(0.03)	5.99	(0.06)	61.8	(0.5)	13.1	(0.4)	25.2	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Hong Kong-China	5.19	(0.04)	0.81	(0.03)	1.64	(0.03)	7.64	(0.08)	70.9	(0.4)	9.1	(0.3)	20.0	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Indonesia	3.64	(0.05)	1.25	(0.04)	1.80	(0.03)	6.68	(0.10)	56.3	(0.7)	16.7	(0.6)	27.1	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Israel	3.03	(0.04)	1.33	(0.03)	1.66	(0.04)	6.04	(0.09)	54.0	(0.5)	19.8	(0.4)	26.1	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Jordan	3.56	(0.05)	1.77	(0.04)	2.59	(0.04)	7.92	(0.09)	44.2	(0.6)	22.2	(0.5)	33.6	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Kyrgyzstan	2.74	(0.06)	1.70	(0.03)	2.34	(0.04)	6.85	(0.09)	39.9	(0.5)	26.1	(0.4)	34.0	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Latvia	3.69	(0.04)	0.88	(0.03)	2.01	(0.03)	6.58	(0.07)	59.2	(0.4)	11.4	(0.4)	29.3	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Liechtenstein	3.66	(0.08)	0.32	(0.04)	1.24	(0.06)	5.21	(0.10)	69.8	(1.2)	5.6	(0.7)	24.6	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Lithuania	3.66	(0.04)	0.66	(0.02)	1.82	(0.03)	6.13	(0.06)	62.3	(0.4)	9.9	(0.3)	27.8	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Macao-China	5.32	(0.03)	1.06	(0.03)	1.49	(0.03)	7.86	(0.06)	71.4	(0.3)	11.1	(0.2)	17.5	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Montenegro	2.93	(0.04)	0.75	(0.02)	1.99	(0.03)	5.66	(0.07)	53.0	(0.4)	11.4	(0.3)	35.6	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Qatar	2.90	(0.03)	1.59	(0.03)	2.04	(0.02)	6.51	(0.06)	44.7	(0.3)	23.6	(0.3)	31.7	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Romania	3.30	(0.06)	1.52	(0.03)	2.19	(0.04)	7.02	(0.10)	50.6	(0.6)	19.7	(0.4)	29.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Russian Federation	2.04	(0.04)	0.82	(0.03)	1.55	(0.04)	4.40	(0.07)	48.2	(0.6)	16.4	(0.6)	35.4	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Serbia	3.17	(0.04)	0.93	(0.03)	1.70	(0.03)	5.80	(0.07)	60.2	(0.5)	12.9	(0.4)	26.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Slovenia	3.25	(0.03)	0.73	(0.02)	1.48	(0.02)	5.47	(0.04)	60.9	(0.4)	12.1	(0.2)	27.1	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Chinese Taipei	4.37	(0.05)	0.69	(0.02)	1.77	(0.03)	6.87	(0.08)	66.1	(0.4)	8.9	(0.2)	25.0	(0.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Thailand	3.10	(0.02)	0.56	(0.02)	1.71	(0.03)	5.36	(0.05)	62.5	(0.4)	7.4	(0.3)	30.1	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Tunisia	3.14	(0.05)	1.78	(0.04)	2.12	(0.04)	7.05	(0.10)	45.6	(0.7)	23.6	(0.5)	30.8	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Uruguay	2.74	(0.04)	0.65	(0.02)	1.35	(0.02)	4.76	(0.06)	60.8	(0.5)	11.3	(0.4)	27.9	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.

Table 2.2d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction

		Science, mathematics and language of instruction													
		Mean learning hours per week ¹						Allocation of total learning time in science, in mathematics and on the language of instruction for							
		Regular school lessons		Out-of-school-time lessons		Individual study		Total learning hours		Regular school lessons		Out-of-school-time lessons		Individual study	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	11.40	(0.07)	1.76	(0.04)	4.67	(0.06)	17.85	(0.12)	66.5	(0.2)	8.7	(0.2)	24.8	(0.2)
	Austria	8.56	(0.09)	0.94	(0.04)	4.95	(0.08)	14.49	(0.16)	61.9	(0.4)	5.4	(0.2)	32.8	(0.3)
	Belgium	9.70	(0.10)	1.32	(0.03)	4.39	(0.06)	15.43	(0.14)	64.3	(0.3)	7.8	(0.2)	27.9	(0.2)
	Canada	12.93	(0.11)	2.35	(0.05)	5.26	(0.07)	20.63	(0.17)	64.0	(0.3)	11.0	(0.2)	25.1	(0.2)
	Czech Republic	10.65	(0.11)	1.89	(0.04)	3.47	(0.05)	15.98	(0.15)	69.5	(0.4)	10.2	(0.2)	20.2	(0.3)
	Denmark	13.16	(0.07)	3.83	(0.07)	5.00	(0.06)	21.94	(0.15)	62.3	(0.3)	15.9	(0.2)	21.8	(0.2)
	Finland	9.71	(0.11)	1.06	(0.04)	3.41	(0.05)	14.16	(0.16)	70.5	(0.3)	6.4	(0.2)	23.1	(0.2)
	France	10.71	(0.10)	2.24	(0.04)	4.56	(0.07)	17.55	(0.15)	63.4	(0.3)	12.1	(0.2)	24.5	(0.3)
	Germany	10.61	(0.08)	1.92	(0.06)	5.87	(0.08)	18.44	(0.15)	59.5	(0.3)	9.3	(0.3)	31.2	(0.2)
	Greece	9.82	(0.12)	5.84	(0.11)	5.79	(0.08)	21.48	(0.24)	48.1	(0.5)	25.7	(0.3)	26.2	(0.3)
	Hungary	8.99	(0.10)	3.59	(0.06)	5.29	(0.08)	17.89	(0.19)	52.4	(0.4)	18.7	(0.3)	28.9	(0.2)
	Iceland	12.24	(0.06)	1.46	(0.04)	4.42	(0.05)	18.14	(0.09)	69.7	(0.3)	7.2	(0.2)	23.1	(0.2)
	Ireland	9.75	(0.08)	1.65	(0.05)	4.70	(0.08)	16.08	(0.15)	63.5	(0.4)	8.7	(0.2)	27.8	(0.3)
	Italy	11.27	(0.09)	2.25	(0.04)	7.53	(0.07)	21.07	(0.17)	54.9	(0.2)	9.9	(0.2)	35.2	(0.2)
	Japan	10.75	(0.13)	1.40	(0.05)	3.11	(0.10)	15.26	(0.22)	74.5	(0.5)	7.5	(0.3)	18.0	(0.4)
	Korea	12.76	(0.11)	4.74	(0.08)	4.93	(0.12)	22.49	(0.25)	61.4	(0.4)	18.4	(0.3)	20.3	(0.3)
	Luxembourg	9.71	(0.06)	1.93	(0.04)	4.33	(0.05)	15.98	(0.10)	63.2	(0.3)	10.7	(0.2)	26.1	(0.2)
	Mexico	10.84	(0.09)	3.28	(0.08)	6.42	(0.08)	20.41	(0.19)	53.7	(0.4)	14.7	(0.3)	31.6	(0.3)
	Netherlands	7.97	(0.07)	1.88	(0.05)	3.99	(0.06)	13.82	(0.12)	60.0	(0.4)	12.3	(0.3)	27.8	(0.3)
	New Zealand	12.84	(0.09)	1.74	(0.06)	4.42	(0.07)	19.02	(0.14)	69.7	(0.4)	8.2	(0.3)	22.1	(0.2)
	Norway	9.63	(0.08)	3.13	(0.05)	4.06	(0.06)	16.79	(0.12)	60.4	(0.4)	17.0	(0.3)	22.6	(0.3)
	Poland	11.71	(0.09)	2.11	(0.05)	6.34	(0.07)	20.19	(0.14)	59.9	(0.3)	10.1	(0.3)	30.0	(0.3)
	Portugal	10.08	(0.10)	1.99	(0.05)	5.83	(0.08)	17.94	(0.16)	58.3	(0.4)	10.2	(0.2)	31.5	(0.3)
	Slovak Republic	8.88	(0.14)	2.40	(0.07)	4.81	(0.09)	16.11	(0.25)	58.9	(0.4)	12.7	(0.3)	28.3	(0.3)
	Spain	10.15	(0.09)	2.24	(0.05)	5.58	(0.08)	18.08	(0.16)	59.0	(0.3)	11.2	(0.2)	29.7	(0.3)
	Sweden	9.01	(0.07)	1.79	(0.04)	3.58	(0.05)	14.37	(0.12)	66.1	(0.5)	10.3	(0.2)	23.6	(0.4)
	Switzerland	9.88	(0.09)	1.57	(0.04)	4.20	(0.04)	15.66	(0.13)	64.3	(0.3)	8.9	(0.2)	26.8	(0.2)
	Turkey	10.67	(0.16)	5.22	(0.09)	6.11	(0.09)	21.88	(0.29)	51.4	(0.4)	21.6	(0.3)	26.9	(0.3)
United Kingdom	11.92	(0.09)	1.70	(0.05)	4.52	(0.06)	18.16	(0.14)	67.8	(0.3)	8.2	(0.2)	24.0	(0.2)	
United States	10.95	(0.13)	3.04	(0.07)	5.59	(0.07)	19.69	(0.15)	55.6	(0.5)	15.3	(0.4)	29.1	(0.2)	
OECD average	10.58	(0.02)	2.41	(0.01)	4.90	(0.01)	17.90	(0.03)	61.8	(0.1)	11.8	(0.0)	26.4	(0.0)	
Partners	Argentina	7.62	(0.16)	1.66	(0.07)	5.04	(0.10)	14.32	(0.23)	54.5	(0.6)	10.6	(0.4)	35.0	(0.4)
	Azerbaijan	10.37	(0.12)	4.86	(0.10)	8.71	(0.13)	24.10	(0.27)	44.4	(0.5)	19.7	(0.4)	35.8	(0.3)
	Brazil	8.46	(0.09)	3.15	(0.07)	5.21	(0.07)	16.78	(0.17)	53.0	(0.4)	17.1	(0.3)	29.9	(0.3)
	Bulgaria	8.55	(0.17)	3.20	(0.08)	6.15	(0.16)	17.98	(0.33)	50.0	(0.5)	16.8	(0.4)	33.1	(0.4)
	Chile	9.28	(0.17)	2.81	(0.06)	4.69	(0.08)	16.86	(0.23)	54.6	(0.5)	16.3	(0.3)	29.1	(0.3)
	Colombia	11.66	(0.20)	3.31	(0.07)	5.58	(0.09)	20.55	(0.27)	59.5	(0.6)	14.5	(0.3)	26.0	(0.4)
	Croatia	8.43	(0.09)	1.58	(0.05)	4.85	(0.07)	14.94	(0.15)	59.9	(0.4)	9.6	(0.3)	30.5	(0.3)
	Estonia	10.95	(0.09)	2.63	(0.07)	5.11	(0.06)	18.71	(0.14)	60.9	(0.4)	13.3	(0.3)	25.9	(0.2)
	Hong Kong-China	13.57	(0.11)	3.08	(0.08)	5.33	(0.08)	21.98	(0.21)	64.1	(0.4)	12.9	(0.3)	22.9	(0.2)
	Indonesia	10.98	(0.17)	3.66	(0.11)	5.58	(0.08)	20.17	(0.25)	56.0	(0.7)	16.6	(0.5)	27.5	(0.3)
	Israel	9.58	(0.11)	4.44	(0.08)	5.34	(0.11)	19.44	(0.24)	52.3	(0.4)	21.7	(0.2)	26.1	(0.3)
	Jordan	10.36	(0.14)	5.10	(0.10)	7.90	(0.11)	23.35	(0.22)	43.6	(0.5)	21.9	(0.4)	34.5	(0.3)
	Kyrgyzstan	7.80	(0.16)	4.60	(0.09)	6.70	(0.09)	19.24	(0.25)	40.0	(0.5)	25.2	(0.4)	34.8	(0.3)
	Latvia	11.06	(0.11)	2.72	(0.08)	6.25	(0.08)	20.03	(0.19)	57.4	(0.3)	12.7	(0.3)	30.0	(0.3)
	Liechtenstein	10.23	(0.19)	1.37	(0.10)	3.93	(0.15)	15.51	(0.23)	66.3	(1.1)	8.4	(0.6)	25.4	(0.9)
	Lithuania	9.85	(0.10)	1.93	(0.05)	5.27	(0.07)	17.04	(0.14)	59.5	(0.3)	11.1	(0.3)	29.4	(0.2)
	Macao-China	14.46	(0.07)	3.25	(0.07)	4.93	(0.07)	22.63	(0.15)	66.7	(0.3)	12.8	(0.2)	20.5	(0.2)
	Montenegro	8.89	(0.09)	2.68	(0.05)	6.20	(0.08)	17.73	(0.16)	50.8	(0.3)	14.6	(0.3)	34.7	(0.3)
	Qatar	8.68	(0.08)	4.90	(0.07)	6.27	(0.06)	19.89	(0.16)	43.2	(0.2)	24.6	(0.2)	32.2	(0.2)
	Romania	8.58	(0.15)	4.04	(0.07)	5.96	(0.10)	18.57	(0.26)	48.7	(0.4)	20.5	(0.3)	30.9	(0.2)
	Russian Federation	9.41	(0.13)	3.07	(0.07)	6.65	(0.12)	19.13	(0.24)	50.9	(0.5)	15.7	(0.5)	33.5	(0.4)
	Serbia	9.32	(0.11)	2.66	(0.06)	5.22	(0.08)	17.19	(0.18)	57.7	(0.4)	13.8	(0.3)	28.4	(0.3)
	Slovenia	9.39	(0.07)	2.47	(0.04)	4.93	(0.05)	16.84	(0.12)	56.9	(0.3)	13.9	(0.2)	29.1	(0.2)
	Chinese Taipei	11.52	(0.15)	3.00	(0.06)	4.88	(0.09)	19.53	(0.27)	61.4	(0.3)	14.0	(0.2)	24.6	(0.2)
	Thailand	10.69	(0.08)	2.40	(0.07)	5.31	(0.08)	18.37	(0.16)	62.3	(0.4)	10.3	(0.3)	27.5	(0.3)
	Tunisia	9.17	(0.12)	6.10	(0.06)	7.29	(0.08)	22.60	(0.21)	41.4	(0.3)	26.4	(0.2)	32.2	(0.3)
	Uruguay	8.49	(0.09)	2.08	(0.06)	4.23	(0.06)	14.84	(0.15)	59.2	(0.3)	12.6	(0.3)	28.2	(0.3)

1. "No time" in any given activity is recoded to 0 hours per week in that activity, "less than 2 hours per week" is recoded to 1 hour per week, "2 or more but less than 4 hours per week" is recoded to 3 hours per week, "4 or more but less than 6 hours per week" is recoded to 5 hours per week and "6 or more hours per week" is recoded to 7 hours per week.



Table 2.3 Percentage of students participating in out-of-school-time lessons, by different types of out-of-school-time lessons

	Proportion of students participating in out-of-school-time lessons		Proportion of students participating in out-of-school-time lessons with non-school teachers								Proportion of students participating in out-of-school-time lessons with school teachers							
			One-to-one lessons		Small group lessons		Large group lessons		At least one of these types of out-of-school-time lessons		One-to-one lessons		Small group lessons		Large group lessons		At least one of these types of out-of-school-time lessons	
			%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																		
Australia	31.2	(0.6)	16.4	(0.4)	8.0	(0.4)	7.2	(0.3)	23.1	(0.6)	6.7	(0.3)	7.3	(0.4)	8.2	(0.4)	14.1	(0.5)
Austria	36.3	(1.1)	16.5	(0.8)	7.7	(0.6)	6.1	(0.5)	24.2	(0.9)	5.4	(0.5)	13.1	(0.8)	15.6	(0.9)	23.4	(1.1)
Belgium	30.4	(0.6)	17.4	(0.6)	7.2	(0.3)	4.3	(0.4)	22.5	(0.6)	7.3	(0.4)	7.8	(0.4)	6.0	(0.3)	14.2	(0.5)
Canada	35.8	(0.7)	16.4	(0.5)	8.4	(0.4)	7.1	(0.3)	22.8	(0.6)	12.3	(0.4)	10.5	(0.4)	11.3	(0.4)	21.3	(0.6)
Czech Republic	37.3	(0.9)	15.6	(0.7)	7.8	(0.6)	5.6	(0.5)	21.8	(0.8)	14.3	(0.7)	10.9	(0.6)	13.4	(0.8)	23.3	(1.0)
Denmark	20.6	(0.8)	5.3	(0.4)	4.4	(0.3)	3.8	(0.4)	10.4	(0.6)	5.3	(0.4)	8.0	(0.5)	8.0	(0.5)	14.1	(0.7)
Finland	23.5	(0.7)	5.3	(0.4)	2.4	(0.2)	3.6	(0.2)	8.5	(0.4)	8.1	(0.5)	9.4	(0.5)	12.1	(0.6)	18.2	(0.7)
France	41.6	(0.9)	22.1	(0.9)	9.0	(0.5)	4.9	(0.4)	26.4	(1.0)	7.0	(0.6)	17.9	(0.7)	10.4	(0.5)	23.9	(0.8)
Germany	37.0	(0.7)	20.4	(0.6)	6.9	(0.4)	3.7	(0.4)	27.3	(0.6)	5.8	(0.5)	7.7	(0.5)	10.4	(0.6)	17.6	(0.7)
Greece	76.4	(0.9)	44.7	(1.1)	45.7	(1.3)	18.4	(0.9)	70.7	(1.0)	12.0	(0.8)	14.8	(0.8)	9.6	(0.7)	22.0	(1.0)
Hungary	54.2	(1.1)	32.3	(1.0)	10.7	(0.6)	8.7	(0.5)	38.3	(1.0)	14.7	(0.7)	12.7	(0.7)	15.9	(0.7)	29.4	(1.1)
Iceland	40.4	(0.8)	14.7	(0.6)	6.6	(0.5)	5.1	(0.4)	19.8	(0.7)	10.4	(0.5)	14.5	(0.6)	14.1	(0.6)	27.0	(0.7)
Ireland	38.1	(0.9)	20.7	(0.6)	9.2	(0.5)	6.5	(0.5)	28.9	(0.8)	7.0	(0.5)	9.0	(0.6)	9.8	(0.6)	16.9	(0.8)
Italy	66.4	(0.6)	37.1	(0.6)	14.0	(0.5)	8.9	(0.4)	45.9	(0.7)	a	a	36.3	(0.8)	25.8	(0.6)	45.7	(0.8)
Japan	45.6	(1.4)	9.4	(0.6)	8.4	(0.6)	8.2	(0.6)	20.2	(1.0)	3.7	(0.3)	6.6	(0.3)	30.5	(1.2)	34.9	(1.2)
Korea	79.2	(0.9)	31.1	(0.8)	31.1	(0.9)	26.7	(0.8)	57.8	(1.0)	9.5	(0.5)	16.7	(0.6)	36.2	(1.3)	50.4	(1.2)
Luxembourg	43.8	(0.7)	22.8	(0.6)	7.0	(0.5)	5.5	(0.3)	28.0	(0.7)	13.8	(0.5)	14.6	(0.5)	9.9	(0.4)	25.3	(0.6)
Mexico	47.7	(0.9)	17.7	(0.6)	16.0	(0.6)	15.9	(0.6)	30.5	(0.8)	17.4	(0.8)	17.6	(0.7)	23.8	(0.8)	33.3	(0.9)
Netherlands	22.1	(0.9)	7.2	(0.5)	3.5	(0.4)	3.6	(0.3)	11.1	(0.6)	7.5	(0.5)	8.7	(0.5)	7.2	(0.5)	15.5	(0.8)
New Zealand	33.7	(0.9)	16.6	(0.6)	9.7	(0.5)	6.9	(0.4)	23.9	(0.7)	9.1	(0.8)	9.7	(0.6)	9.1	(0.6)	17.7	(0.9)
Norway	27.3	(0.8)	5.2	(0.4)	4.9	(0.4)	5.0	(0.4)	9.9	(0.6)	8.5	(0.5)	11.9	(0.6)	17.2	(0.7)	23.8	(0.8)
Poland	56.2	(1.0)	19.2	(0.8)	10.6	(0.6)	9.9	(0.4)	28.9	(0.9)	14.7	(0.6)	23.1	(0.8)	26.7	(0.9)	41.2	(1.0)
Portugal	68.8	(1.0)	26.0	(0.9)	14.2	(0.7)	7.9	(0.6)	35.3	(1.0)	22.0	(0.9)	31.8	(1.1)	23.9	(1.1)	47.8	(1.3)
Slovak Republic	55.7	(1.2)	25.2	(1.0)	11.0	(0.5)	7.3	(0.6)	29.7	(1.0)	30.4	(1.3)	18.0	(1.0)	23.9	(1.2)	38.6	(1.4)
Spain	53.8	(0.7)	28.3	(0.8)	25.7	(0.7)	10.4	(0.5)	43.4	(0.8)	8.5	(0.5)	10.8	(0.4)	9.8	(0.5)	18.6	(0.6)
Sweden	31.9	(0.8)	7.4	(0.4)	5.8	(0.4)	7.0	(0.4)	13.1	(0.6)	8.8	(0.6)	14.3	(0.6)	20.8	(0.7)	26.4	(0.8)
Switzerland	40.0	(0.7)	19.5	(0.6)	6.3	(0.4)	4.7	(0.3)	24.6	(0.6)	6.8	(0.3)	10.1	(0.4)	14.1	(0.6)	22.5	(0.7)
Turkey	36.9	(1.1)	13.4	(0.7)	10.9	(0.6)	14.9	(1.0)	26.5	(1.2)	7.6	(0.6)	9.3	(0.6)	12.8	(0.7)	19.7	(0.9)
United Kingdom	45.5	(0.9)	16.9	(0.5)	7.2	(0.4)	7.3	(0.4)	24.1	(0.7)	11.3	(0.4)	17.7	(0.6)	19.5	(0.7)	31.8	(0.9)
United States	42.3	(1.2)	17.3	(0.8)	12.5	(0.9)	11.6	(0.8)	25.2	(1.1)	22.4	(1.0)	19.1	(0.9)	18.1	(1.0)	32.4	(1.2)
OECD average	43.3	(0.2)	18.9	(0.1)	11.1	(0.1)	8.2	(0.1)	27.4	(0.1)	11.0	(0.1)	14.0	(0.1)	15.8	(0.1)	26.4	(0.2)
Partners																		
Argentina	48.5	(1.2)	30.8	(1.3)	18.9	(0.9)	12.9	(0.8)	39.9	(1.2)	10.7	(0.9)	12.6	(1.0)	11.3	(1.0)	20.2	(1.3)
Azerbaijan	79.5	(1.1)	30.3	(1.2)	40.9	(1.0)	38.9	(1.0)	62.7	(1.0)	39.0	(1.2)	37.2	(1.3)	48.4	(1.4)	67.6	(1.4)
Brazil	48.4	(0.9)	19.5	(0.6)	17.6	(0.5)	15.2	(0.5)	33.1	(0.7)	13.6	(0.6)	23.5	(0.8)	20.4	(0.7)	34.3	(0.9)
Bulgaria	54.2	(1.4)	26.9	(0.9)	17.4	(1.0)	16.8	(1.1)	38.1	(1.1)	22.0	(1.4)	19.2	(1.1)	22.8	(1.2)	34.9	(1.6)
Chile	38.2	(1.2)	13.3	(0.8)	9.4	(0.5)	8.2	(0.5)	21.4	(0.9)	8.2	(0.5)	16.2	(0.8)	17.7	(0.7)	27.2	(1.1)
Colombia	51.0	(1.1)	23.7	(0.5)	23.6	(0.5)	40.3	(0.9)	36.7	(0.8)	15.0	(1.1)	20.1	(1.2)	19.4	(1.1)	29.3	(1.3)
Croatia	45.4	(0.9)	25.2	(0.7)	17.6	(0.8)	16.2	(0.7)	34.0	(0.9)	13.2	(0.5)	11.2	(0.6)	12.0	(0.7)	21.8	(0.9)
Estonia	46.0	(0.9)	27.8	(0.9)	9.7	(0.5)	7.8	(0.5)	23.4	(0.7)	18.4	(0.9)	13.7	(0.7)	18.6	(0.7)	32.1	(1.0)
Hong Kong-China	75.4	(0.9)	17.2	(0.6)	8.0	(0.5)	7.3	(0.5)	52.1	(1.2)	5.9	(0.4)	16.9	(0.8)	42.0	(1.3)	48.6	(1.3)
Indonesia	65.8	(2.3)	24.1	(1.3)	17.8	(0.8)	30.1	(1.1)	34.0	(1.0)	31.6	(2.3)	26.5	(2.0)	34.9	(2.3)	51.8	(3.0)
Israel	64.4	(1.1)	17.4	(0.8)	19.4	(0.8)	17.5	(0.9)	52.7	(1.3)	20.8	(1.0)	20.9	(0.9)	20.2	(0.8)	35.2	(1.1)
Jordan	72.6	(0.9)	42.3	(1.1)	20.1	(0.8)	15.2	(0.8)	48.0	(0.9)	27.4	(1.0)	31.7	(0.9)	40.9	(0.9)	56.6	(1.1)
Kyrgyzstan	85.2	(1.0)	34.4	(0.8)	24.9	(0.8)	21.6	(0.8)	48.6	(1.0)	63.8	(1.0)	44.1	(1.1)	52.9	(1.2)	78.5	(1.1)
Latvia	71.5	(1.1)	26.3	(0.8)	26.7	(0.9)	31.5	(1.0)	42.3	(1.1)	34.7	(1.2)	25.6	(1.1)	29.0	(1.2)	50.5	(1.3)
Liechtenstein	27.8	(2.4)	32.1	(1.2)	14.1	(0.5)	16.9	(0.7)	16.1	(2.0)	5.8	(1.2)	7.9	(1.3)	10.6	(1.6)	16.7	(1.9)
Lithuania	48.8	(1.1)	13.6	(1.8)	2.8	(1.0)	2.5	(0.9)	23.4	(0.8)	12.0	(0.6)	17.6	(0.8)	19.4	(0.8)	34.4	(1.0)
Macao-China	62.3	(0.8)	17.5	(0.8)	6.9	(0.4)	6.5	(0.5)	39.1	(0.8)	14.3	(0.6)	22.7	(0.6)	34.9	(0.7)	46.7	(0.8)
Montenegro	62.1	(0.7)	21.7	(0.7)	20.6	(0.7)	19.4	(0.7)	47.5	(0.8)	25.2	(0.6)	17.8	(0.6)	21.7	(0.6)	34.7	(0.8)
Qatar	63.6	(0.5)	37.1	(0.8)	20.5	(0.6)	17.1	(0.6)	48.5	(0.7)	33.9	(0.6)	29.1	(0.5)	29.5	(0.6)	45.3	(0.6)
Romania	56.8	(1.5)	36.1	(0.7)	25.1	(0.6)	22.6	(0.5)	38.5	(1.3)	26.9	(1.3)	24.4	(1.1)	21.9	(1.5)	40.1	(1.6)
Russian Federation	69.4	(1.4)	27.8	(1.3)	19.7	(1.2)	15.3	(1.2)	31.2	(1.1)	30.7	(0.9)	31.6	(1.2)	36.7	(1.3)	57.6	(1.3)
Serbia	53.9	(1.0)	21.4	(0.8)	12.5	(0.8)	12.7	(0.6)	43.3	(1.1)	10.3	(0.7)	12.3	(0.6)	14.6	(0.8)	23.7	(0.9)
Slovenia	41.6	(0.6)	38.5	(1.1)	12.8	(0.6)	8.6	(0.5)	31.2	(0.6)	8.9	(0.4)	8.9	(0.5)	11.7	(0.5)	20.2	(0.6)
Chinese Taipei	75.0	(0.5)	26.7	(0.6)	6.5	(0.4)	5.0	(0.3)	56.9	(0.8)	14.4	(0.6)	22.8	(0.7)	35.1	(0.8)	45.1	(0.9)
Thailand	63.5	(1.2)	20.5	(0.8)	24.0	(0.9)	31.3	(1.2)	44.3	(1.3)	21.0	(0.7)	26.9	(0.9)	39.0	(1.2)	47.4	(1.2)
Tunisia	70.4	(1.0)	30.6	(1.4)	28.2	(1.1)	19.0	(0.9)	44.9	(1.4)	42.6	(1.3)	32.8	(1.2)	30.5	(0.9)	54.0	(1.2)
Uruguay	44.6	(1.0)	28.7	(0.8)	20.5	(0.7)	11.7	(0.6)	37.6	(1.0)	9.5	(0.8)	9.0	(0.6)	8.7	(0.5)	17.1	(0.9)

Table 3.1 Percentage of students, by immigrant status

	Native students		Students with an immigrant background	
	%	S.E.	%	S.E.
OECD				
Australia	78.1	(1.2)	21.9	(1.2)
Austria	86.8	(1.2)	13.2	(1.2)
Belgium	86.7	(1.0)	13.3	(1.0)
Canada	78.9	(1.2)	21.1	(1.2)
Czech Republic	98.1	(0.2)	1.9	(0.2)
Denmark	92.4	(0.8)	7.6	(0.8)
Finland	98.5	(0.3)	1.5	(0.3)
France	87.0	(1.0)	13.0	(1.0)
Germany	85.8	(1.0)	14.2	(1.0)
Greece	92.4	(0.7)	7.6	(0.7)
Hungary	98.3	(0.3)	1.7	(0.3)
Iceland	98.2	(0.2)	1.8	(0.2)
Ireland	94.4	(0.5)	5.6	(0.5)
Italy	96.2	(0.3)	3.8	(0.3)
Japan	99.6	(0.1)	0.4	(0.1)
Korea	100.0	(0.0)	0.0	(0.0)
Luxembourg	63.9	(0.6)	36.1	(0.6)
Mexico	97.6	(0.3)	2.4	(0.3)
Netherlands	88.7	(1.1)	11.3	(1.1)
New Zealand	78.7	(1.0)	21.3	(1.0)
Norway	93.9	(0.7)	6.1	(0.7)
Poland	99.8	(0.1)	0.2	(0.1)
Portugal	94.1	(0.8)	5.9	(0.8)
Slovak Republic	99.5	(0.1)	0.5	(0.1)
Spain	93.1	(0.7)	6.9	(0.7)
Sweden	89.2	(0.9)	10.8	(0.9)
Switzerland	77.6	(0.7)	22.4	(0.7)
Turkey	98.5	(0.4)	1.5	(0.4)
United Kingdom	91.4	(0.9)	8.6	(0.9)
United States	84.8	(1.2)	15.2	(1.2)
OECD average	90.7	(0.1)	9.3	(0.1)
Partners				
Argentina	97.3	(0.3)	2.7	(0.3)
Azerbaijan	97.6	(0.5)	2.4	(0.5)
Brazil	97.6	(0.2)	2.4	(0.2)
Bulgaria	99.8	(0.1)	0.2	(0.1)
Chile	99.4	(0.1)	0.6	(0.1)
Colombia	99.6	(0.1)	0.4	(0.1)
Croatia	88.0	(0.7)	12.0	(0.7)
Estonia	88.4	(0.6)	11.6	(0.6)
Hong Kong-China	56.2	(1.4)	43.8	(1.4)
Indonesia	99.8	(0.1)	0.2	(0.1)
Israel	77.0	(1.2)	23.0	(1.2)
Jordan	83.2	(0.9)	16.8	(0.9)
Kyrgyzstan	97.4	(0.4)	2.6	(0.4)
Latvia	92.9	(0.6)	7.1	(0.6)
Liechtenstein	63.2	(2.7)	36.8	(2.7)
Lithuania	97.9	(0.4)	2.1	(0.4)
Macao-China	26.4	(0.6)	73.6	(0.6)
Montenegro	92.8	(0.5)	7.2	(0.5)
Qatar	59.5	(0.5)	40.5	(0.5)
Romania	99.9	(0.0)	0.1	(0.0)
Russian Federation	91.3	(0.5)	8.7	(0.5)
Serbia	91.0	(0.5)	9.0	(0.5)
Slovenia	89.7	(0.5)	10.3	(0.5)
Chinese Taipei	99.4	(0.1)	0.6	(0.1)
Thailand	99.7	(0.1)	0.3	(0.1)
Tunisia	99.2	(0.1)	0.8	(0.1)
Uruguay	99.6	(0.1)	0.4	(0.1)



Table 3.2 Percentage of students, by lower and upper secondary schools

	Lower secondary school students		Upper secondary school students	
	%	S.E.	%	S.E.
OECD				
Australia	80.1	(0.6)	19.9	(0.6)
Austria	6.7	(0.7)	93.3	(0.7)
Belgium	6.8	(0.5)	93.2	(0.5)
Canada	15.0	(0.6)	85.0	(0.6)
Czech Republic	50.4	(1.5)	49.6	(1.5)
Denmark	98.9	(0.4)	1.1	(0.4)
Finland	100.0	(0.0)	0.0	(0.0)
France	40.0	(1.2)	60.0	(1.2)
Germany	97.3	(0.5)	2.7	(0.5)
Greece	8.0	(1.0)	92.0	(1.0)
Hungary	7.7	(0.9)	92.3	(0.9)
Iceland	99.4	(0.1)	0.6	(0.1)
Ireland	61.3	(0.9)	38.7	(0.9)
Italy	1.7	(0.5)	98.3	(0.5)
Japan	0.0	c	100.0	c
Korea	2.0	(0.6)	98.0	(0.6)
Luxembourg	64.2	(0.4)	35.8	(0.4)
Mexico	44.5	(2.1)	55.5	(2.1)
Netherlands	73.5	(1.0)	26.5	(1.0)
New Zealand	6.2	(0.4)	93.8	(0.4)
Norway	99.5	(0.3)	0.5	(0.3)
Poland	99.4	(0.1)	0.6	(0.1)
Portugal	50.2	(1.5)	49.8	(1.5)
Slovak Republic	38.6	(2.2)	61.4	(2.2)
Spain	100.0	(0.0)	0.0	(0.0)
Sweden	97.8	(0.3)	2.2	(0.3)
Switzerland	82.8	(1.3)	17.2	(1.3)
Turkey	5.3	(1.2)	94.7	(1.2)
United Kingdom	0.5	(0.1)	99.5	(0.1)
United States	12.4	(1.7)	87.6	(1.7)
OECD average	50.0	(0.2)	51.7	(0.2)
Partners				
Argentina	31.2	(2.1)	68.8	(2.1)
Azerbaijan	59.4	(1.6)	40.6	(1.6)
Brazil	33.6	(1.7)	66.4	(1.7)
Bulgaria	7.4	(1.0)	92.6	(1.0)
Chile	4.3	(0.7)	95.7	(0.7)
Colombia	40.8	(1.9)	59.2	(1.9)
Croatia	0.4	(0.3)	99.6	(0.3)
Estonia	98.2	(0.2)	1.8	(0.2)
Hong Kong-China	36.9	(0.9)	63.1	(0.9)
Indonesia	52.0	(4.1)	48.0	(4.1)
Israel	13.1	(1.2)	86.9	(1.2)
Jordan	100.0	c	0.0	c
Kyrgyzstan	75.5	(1.4)	24.5	(1.4)
Latvia	96.6	(0.4)	3.4	(0.4)
Liechtenstein	88.7	(0.5)	11.3	(0.5)
Lithuania	100.0	(0.0)	0.0	(0.0)
Macao-China	62.9	(0.1)	37.1	(0.1)
Montenegro	0.3	(0.2)	99.7	(0.2)
Qatar	21.6	(0.1)	78.4	(0.1)
Romania	100.0	c	0.0	c
Russian Federation	37.3	(2.0)	62.7	(2.0)
Serbia	1.9	(0.6)	98.1	(0.6)
Slovenia	3.7	(0.3)	96.3	(0.3)
Chinese Taipei	33.4	(1.1)	66.6	(1.1)
Thailand	31.8	(1.1)	68.2	(1.1)
Tunisia	49.2	(1.7)	50.8	(1.7)
Uruguay	34.6	(1.5)	65.4	(1.5)

Table 3.3 Percentage of students, by public and private schools

	Public schools ¹		Private schools ²	
	%	S.E.	%	S.E.
OECD				
Australia	w	w	w	w
Austria	90.7	(2.2)	9.3	(2.2)
Belgium	w	w	w	w
Canada	92.7	(0.6)	7.3	(0.6)
Czech Republic	93.4	(2.7)	6.6	(2.7)
Denmark	76.0	(3.1)	24.0	(3.1)
Finland	97.0	(1.2)	3.0	(1.2)
France	w	w	w	w
Germany	94.3	(1.8)	5.7	(1.8)
Greece	94.8	(1.2)	5.2	(1.2)
Hungary	83.7	(3.3)	16.3	(3.3)
Iceland	98.9	(0.1)	1.1	(0.1)
Ireland	39.7	(1.3)	60.3	(1.3)
Italy	96.1	(0.7)	3.9	(0.7)
Japan	69.1	(1.3)	30.9	(1.3)
Korea	53.7	(3.9)	46.3	(3.9)
Luxembourg	85.6	(0.0)	14.4	(0.0)
Mexico	85.0	(2.1)	15.0	(2.1)
Netherlands	32.3	(4.3)	67.7	(4.3)
New Zealand	94.3	(0.3)	5.7	(0.3)
Norway	98.1	(0.9)	1.9	(0.9)
Poland	98.4	(0.1)	1.6	(0.1)
Portugal	89.8	(1.3)	10.2	(1.3)
Slovak Republic	92.3	(1.9)	7.7	(1.9)
Spain	64.6	(0.9)	35.4	(0.9)
Sweden	91.7	(0.8)	8.3	(0.8)
Switzerland	95.0	(0.6)	5.0	(0.6)
Turkey	97.7	(1.4)	2.3	(1.4)
United Kingdom	92.4	(0.7)	7.6	(0.7)
United States	92.2	(1.1)	7.8	(1.1)
OECD average	82.9	(0.3)	17.1	(0.3)
Partners				
Argentina	65.9	(3.7)	34.1	(3.7)
Azerbaijan	99.1	(0.4)	0.9	(0.4)
Brazil	86.4	(1.2)	13.6	(1.2)
Bulgaria	m	m	m	m
Chile	43.4	(2.4)	56.6	(2.4)
Colombia	80.7	(2.6)	19.3	(2.6)
Croatia	98.6	(1.0)	1.4	(1.0)
Estonia	98.1	(0.9)	1.9	(0.9)
Hong Kong-China	7.5	(0.2)	92.5	(0.2)
Indonesia	60.1	(3.5)	39.9	(3.5)
Israel	69.4	(3.7)	30.6	(3.7)
Jordan	80.0	(1.6)	20.0	(1.6)
Kyrgyzstan	98.5	(0.7)	1.5	(0.7)
Latvia	100.0	c	0.0	c
Liechtenstein	92.9	(0.4)	7.1	(0.4)
Lithuania	99.3	(0.7)	0.7	(0.7)
Macao-China	3.8	(0.0)	96.2	(0.0)
Montenegro	99.8	(0.0)	0.2	(0.0)
Qatar	83.5	(0.1)	16.5	(0.1)
Romania	100.0	c	0.0	c
Russian Federation	100.0	c	0.0	c
Serbia	99.4	(0.7)	0.6	(0.7)
Slovenia	97.7	(0.0)	2.3	(0.0)
Chinese Taipei	64.9	(2.4)	35.1	(2.4)
Thailand	83.5	(0.7)	16.5	(0.7)
Tunisia	97.7	(1.0)	2.3	(1.0)
Uruguay	84.9	(0.8)	15.1	(0.8)

1. Schools which are managed directly or indirectly by a public education authority, government agency, or governing board appointed by government or elected by public franchise.

2. Schools which are managed directly or indirectly by a non-government organisation.


Table 3.4 Percentage of students, by academic and vocational orientation of schools

	Academic schools		Vocational schools	
	%	S.E.	%	S.E.
OECD				
Australia	89.4	(0.8)	10.6	(0.8)
Austria	29.6	(1.4)	70.4	(1.4)
Belgium	52.6	(1.4)	47.4	(1.4)
Canada	100.0	c	0.0	c
Czech Republic	58.8	(1.7)	41.2	(1.7)
Denmark	100.0	c	0.0	c
Finland	100.0	(0.0)	a	a
France	90.7	(0.8)	9.3	(0.8)
Germany	97.6	(0.5)	2.4	(0.5)
Greece	86.3	(1.5)	13.7	(1.5)
Hungary	43.0	(1.6)	57.0	(1.6)
Iceland	99.9	(0.0)	0.1	(0.0)
Ireland	98.7	(0.2)	1.3	(0.2)
Italy	44.0	(0.8)	56.0	(0.8)
Japan	75.3	(1.6)	24.7	(1.6)
Korea	76.8	(1.0)	23.2	(1.0)
Luxembourg	87.0	(0.3)	13.0	(0.3)
Mexico	68.1	(2.0)	31.9	(2.0)
Netherlands	69.4	(1.4)	30.6	(1.4)
New Zealand	100.0	c	0.0	c
Norway	100.0	c	0.0	c
Poland	100.0	c	0.0	c
Portugal	86.0	(1.1)	14.0	(1.1)
Slovak Republic	56.9	(2.4)	43.1	(2.4)
Spain	100.0	c	0.0	c
Sweden	99.2	(0.2)	0.8	(0.2)
Switzerland	93.3	(1.3)	6.7	(1.3)
Turkey	59.4	(2.0)	40.6	(2.0)
United Kingdom	100.0	c	0.0	c
United States	100.0	c	0.0	c
OECD average	82.1	(0.2)	25.6	(0.3)
Partners				
Argentina	97.6	(0.8)	2.4	(0.8)
Azerbaijan	99.0	(0.5)	1.0	(0.5)
Brazil	100.0	c	0.0	c
Bulgaria	52.9	(2.6)	47.1	(2.6)
Chile	97.1	(0.3)	2.9	(0.3)
Colombia	83.3	(2.5)	16.7	(2.5)
Croatia	27.8	(0.8)	72.2	(0.8)
Estonia	100.0	c	0.0	c
Hong Kong-China	92.8	(2.1)	7.2	(2.1)
Indonesia	82.6	(4.2)	17.4	(4.2)
Israel	81.7	(3.0)	18.3	(3.0)
Jordan	100.0	c	0.0	c
Kyrgyzstan	98.2	(0.6)	1.8	(0.6)
Latvia	96.6	(0.4)	3.4	(0.4)
Liechtenstein	100.0	c	0.0	c
Lithuania	99.8	(0.2)	0.2	(0.2)
Macao-China	98.7	(0.0)	1.3	(0.0)
Montenegro	32.0	(0.2)	68.0	(0.2)
Qatar	100.0	c	0.0	c
Romania	76.6	(2.6)	23.4	(2.6)
Russian Federation	86.4	(2.2)	13.6	(2.2)
Serbia	26.2	(1.7)	73.8	(1.7)
Slovenia	47.9	(0.2)	52.1	(0.2)
Chinese Taipei	64.5	(1.9)	35.5	(1.9)
Thailand	85.2	(0.7)	14.8	(0.7)
Tunisia	100.0	c	0.0	c
Uruguay	87.7	(1.8)	12.3	(1.8)

Table 3.5 Percentage of students, by school location

	Village (fewer than 3 000 people)		Small town (3 000 to about 15 000 people)		Town (15 000 to about 100 000 people)		City (100 000 to about 1 000 000 people)		Large city (over 1 000 000 people)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	6.7	(1.4)	9.5	(1.6)	23.2	(2.4)	21.8	(2.1)	38.7	(2.4)
Austria	12.2	(2.1)	33.2	(3.3)	22.3	(3.1)	16.0	(2.5)	16.4	(2.3)
Belgium	2.1	(1.1)	24.2	(2.8)	52.8	(3.5)	20.5	(2.9)	0.4	(0.4)
Canada	7.4	(0.5)	19.0	(1.7)	28.7	(2.1)	30.3	(2.5)	14.6	(2.1)
Czech Republic	12.0	(1.9)	28.1	(3.7)	40.8	(4.3)	11.7	(2.7)	7.5	(1.7)
Denmark	22.5	(2.6)	29.6	(3.2)	35.5	(3.8)	8.8	(2.3)	3.6	(1.5)
Finland	15.4	(2.3)	30.5	(3.7)	33.4	(3.1)	20.8	(3.0)	0.0	c
France	w	w	w	w	w	w	w	w	w	w
Germany	3.8	(1.1)	27.6	(2.9)	45.0	(3.5)	15.7	(2.6)	7.9	(1.6)
Greece	6.4	(1.6)	18.4	(3.1)	40.9	(3.4)	21.2	(3.2)	13.1	(2.0)
Hungary	2.6	(0.6)	16.8	(2.8)	37.3	(3.6)	24.6	(3.4)	18.7	(2.2)
Iceland	23.1	(0.2)	19.0	(0.1)	24.4	(0.1)	33.5	(0.1)	0.0	c
Ireland	26.8	(3.2)	27.2	(3.4)	18.9	(3.0)	9.1	(2.6)	18.0	(2.8)
Italy	1.1	(0.4)	20.2	(2.1)	50.2	(3.3)	19.6	(2.1)	8.9	(1.6)
Japan	0.0	c	5.8	(1.7)	29.1	(3.4)	40.6	(3.6)	24.5	(3.3)
Korea	2.8	(1.3)	2.0	(0.9)	10.2	(1.5)	35.4	(2.8)	49.6	(2.4)
Luxembourg	0.0	c	33.9	(0.1)	56.8	(0.1)	9.3	(0.0)	0.0	c
Mexico	16.6	(1.9)	16.7	(2.0)	17.8	(1.4)	26.3	(1.9)	22.6	(2.3)
Netherlands	2.3	(1.0)	16.3	(3.0)	55.6	(3.8)	25.9	(3.4)	0.0	c
New Zealand	6.6	(1.5)	13.0	(2.3)	26.9	(3.1)	26.2	(2.9)	27.3	(2.3)
Norway	30.6	(3.0)	35.5	(3.7)	22.3	(3.2)	11.6	(2.3)	0.0	c
Poland	29.9	(2.3)	25.9	(2.8)	20.3	(2.1)	22.5	(1.1)	1.3	(0.9)
Portugal	7.6	(1.8)	34.9	(3.6)	35.9	(3.7)	14.9	(2.3)	6.7	(2.1)
Slovak Republic	10.2	(2.0)	24.6	(3.3)	51.6	(3.7)	13.7	(2.5)	0.0	c
Spain	3.7	(1.1)	25.9	(2.7)	31.4	(2.9)	30.0	(3.2)	9.0	(1.0)
Sweden	15.0	(2.8)	28.0	(2.8)	35.4	(3.4)	16.7	(2.1)	4.9	(0.9)
Switzerland	12.6	(1.9)	44.6	(2.8)	30.0	(2.6)	12.9	(1.5)	0.0	c
Turkey	2.6	(0.9)	11.2	(2.2)	36.5	(3.9)	29.0	(3.2)	20.7	(3.0)
United Kingdom	5.0	(1.4)	22.9	(2.8)	40.5	(3.6)	18.5	(2.5)	13.0	(2.8)
United States	13.8	(2.5)	19.8	(2.8)	32.1	(3.6)	23.8	(3.4)	10.5	(2.3)
OECD average	45.5	(0.2)	35.9	(0.7)	45.5	(0.2)	35.9	(0.7)	35.9	(0.7)
Partners										
Argentina	7.3	(2.3)	19.4	(3.0)	32.6	(3.9)	26.8	(3.3)	13.9	(3.1)
Azerbaijan	39.1	(2.9)	25.8	(3.7)	14.0	(2.4)	9.6	(1.9)	11.5	(2.1)
Brazil	6.8	(1.3)	19.2	(1.8)	33.4	(2.9)	23.9	(2.1)	16.6	(2.0)
Bulgaria	8.8	(2.3)	18.5	(3.2)	38.0	(2.7)	21.0	(1.8)	13.7	(0.9)
Chile	1.7	(0.7)	14.9	(3.5)	24.2	(3.7)	32.5	(4.0)	26.8	(3.6)
Colombia	6.2	(1.7)	23.4	(4.8)	21.7	(4.9)	22.7	(3.5)	26.0	(3.8)
Croatia	0.8	(0.8)	20.4	(2.8)	42.3	(2.8)	17.1	(1.8)	19.3	(1.7)
Estonia	27.4	(2.4)	17.9	(2.2)	26.6	(2.3)	28.1	(1.9)	0.0	c
Hong Kong-China	a	a	a	a	a	a	a	a	a	a
Indonesia	26.4	(3.8)	43.5	(3.8)	11.7	(2.8)	14.6	(4.4)	3.8	(1.6)
Israel	11.5	(2.7)	15.6	(2.9)	28.4	(3.6)	39.6	(4.5)	4.9	(1.9)
Jordan	13.4	(2.4)	24.3	(3.0)	22.6	(3.3)	21.3	(3.0)	18.4	(2.7)
Kyrgyzstan	56.2	(2.2)	20.6	(1.9)	9.6	(1.6)	11.9	(1.6)	1.8	(1.0)
Latvia	31.5	(1.7)	18.2	(1.9)	17.5	(2.3)	32.9	(2.1)	0.0	c
Liechtenstein	11.3	(0.5)	88.7	(0.5)	0.0	c	0.0	c	0.0	c
Lithuania	18.7	(1.5)	22.3	(2.5)	20.3	(2.4)	36.0	(1.7)	2.7	(1.2)
Macao-China	4.3	(0.0)	3.5	(0.0)	9.0	(0.1)	83.2	(0.1)	0.0	c
Montenegro	0.1	(0.0)	15.8	(0.1)	50.4	(0.1)	33.7	(0.1)	0.0	c
Qatar	9.6	(0.1)	35.9	(0.1)	28.6	(0.1)	25.1	(0.1)	0.8	(0.0)
Romania	3.7	(1.0)	16.8	(2.5)	29.4	(4.0)	41.8	(5.7)	8.3	(2.3)
Russian Federation	19.4	(2.0)	15.3	(2.6)	25.2	(2.9)	27.6	(2.8)	12.6	(1.9)
Serbia	0.4	(0.2)	10.7	(1.8)	49.9	(3.4)	20.2	(2.4)	18.9	(1.4)
Slovenia	1.9	(0.3)	11.7	(0.4)	49.1	(0.3)	37.2	(0.2)	0.0	c
Chinese Taipei	0.6	(0.4)	7.3	(2.5)	26.5	(2.9)	43.5	(3.3)	22.1	(2.0)
Thailand	25.0	(2.9)	22.0	(3.4)	27.5	(3.3)	20.6	(2.9)	4.9	(1.5)
Tunisia	10.3	(2.7)	17.8	(3.4)	55.0	(3.9)	13.5	(3.2)	3.3	(1.3)
Uruguay	7.1	(1.7)	15.7	(2.0)	36.5	(2.3)	7.7	(1.5)	33.0	(2.0)



[Part 1/3]
Table 3.6a Mean learning hours and allocation of total learning time in science, by gender

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	3.17	(0.04)	3.32	(0.04)	-0.15	(0.05)	0.41	(0.01)	0.31	(0.01)	0.12	(0.02)
	Austria	2.34	(0.10)	2.60	(0.07)	-0.26	(0.10)	0.26	(0.02)	0.17	(0.02)	0.12	(0.03)
	Belgium	2.49	(0.06)	2.76	(0.05)	-0.27	(0.07)	0.36	(0.02)	0.28	(0.01)	0.10	(0.02)
	Canada	3.82	(0.05)	4.18	(0.05)	-0.36	(0.05)	0.55	(0.02)	0.56	(0.02)	-0.00	(0.02)
	Czech Republic	2.67	(0.08)	3.29	(0.11)	-0.62	(0.14)	0.49	(0.02)	0.60	(0.03)	-0.10	(0.04)
	Denmark	3.10	(0.05)	3.32	(0.05)	-0.22	(0.05)	0.80	(0.03)	0.74	(0.03)	0.07	(0.03)
	Finland	2.88	(0.05)	3.36	(0.05)	-0.48	(0.06)	0.36	(0.02)	0.29	(0.01)	0.08	(0.02)
	France	2.77	(0.06)	2.93	(0.06)	-0.16	(0.07)	0.54	(0.02)	0.56	(0.02)	-0.01	(0.03)
	Germany	2.90	(0.06)	3.23	(0.06)	-0.34	(0.07)	0.55	(0.03)	0.46	(0.02)	0.09	(0.03)
	Greece	2.95	(0.07)	3.41	(0.05)	-0.46	(0.08)	1.99	(0.05)	1.99	(0.05)	0.06	(0.06)
	Hungary	2.38	(0.05)	2.64	(0.05)	-0.26	(0.06)	1.01	(0.03)	1.00	(0.04)	0.00	(0.04)
	Iceland	2.88	(0.04)	3.06	(0.04)	-0.19	(0.05)	0.33	(0.02)	0.25	(0.01)	0.09	(0.03)
	Ireland	2.53	(0.05)	2.55	(0.05)	-0.03	(0.06)	0.36	(0.02)	0.28	(0.02)	0.09	(0.03)
	Italy	2.98	(0.05)	2.85	(0.08)	0.13	(0.07)	0.67	(0.02)	0.49	(0.02)	0.17	(0.03)
	Japan	2.74	(0.06)	2.66	(0.07)	0.08	(0.07)	0.32	(0.02)	0.20	(0.01)	0.13	(0.02)
	Korea	3.59	(0.07)	3.57	(0.09)	0.02	(0.10)	1.09	(0.06)	0.95	(0.05)	0.13	(0.07)
	Luxembourg	2.11	(0.04)	2.55	(0.04)	-0.44	(0.06)	0.56	(0.02)	0.45	(0.02)	0.14	(0.03)
	Mexico	3.14	(0.05)	3.17	(0.04)	-0.02	(0.06)	1.07	(0.03)	0.95	(0.03)	0.12	(0.04)
	Netherlands	2.16	(0.05)	2.18	(0.04)	-0.02	(0.06)	0.60	(0.03)	0.48	(0.02)	0.13	(0.04)
	New Zealand	3.96	(0.06)	4.14	(0.05)	-0.17	(0.06)	0.42	(0.02)	0.39	(0.02)	0.04	(0.03)
	Norway	2.59	(0.03)	2.69	(0.03)	-0.10	(0.04)	0.98	(0.02)	0.89	(0.03)	0.11	(0.03)
	Poland	2.43	(0.04)	3.00	(0.05)	-0.58	(0.05)	0.62	(0.03)	0.63	(0.03)	0.00	(0.03)
	Portugal	3.10	(0.06)	3.31	(0.05)	-0.21	(0.07)	0.61	(0.02)	0.65	(0.03)	-0.08	(0.04)
	Slovak Republic	2.22	(0.09)	2.70	(0.08)	-0.48	(0.09)	0.55	(0.03)	0.75	(0.04)	-0.18	(0.04)
	Spain	2.97	(0.04)	3.26	(0.05)	-0.28	(0.05)	0.67	(0.03)	0.69	(0.03)	-0.03	(0.03)
	Sweden	2.76	(0.04)	2.85	(0.03)	-0.09	(0.04)	0.53	(0.02)	0.48	(0.02)	0.06	(0.03)
	Switzerland	2.19	(0.04)	2.55	(0.06)	-0.36	(0.06)	0.44	(0.02)	0.34	(0.01)	0.12	(0.03)
	Turkey	2.85	(0.10)	2.88	(0.10)	-0.03	(0.09)	1.34	(0.06)	1.36	(0.07)	-0.13	(0.08)
	United Kingdom	4.23	(0.04)	4.27	(0.05)	-0.04	(0.06)	0.53	(0.02)	0.44	(0.02)	0.09	(0.02)
	United States	3.39	(0.06)	3.62	(0.05)	-0.23	(0.06)	0.82	(0.03)	0.75	(0.03)	0.09	(0.05)
	OECD average	2.88	(0.01)	3.10	(0.01)	-0.22	(0.01)	0.66	(0.01)	0.61	(0.01)	0.05	(0.01)
Partners	Argentina	2.08	(0.06)	2.42	(0.10)	-0.34	(0.10)	0.53	(0.03)	0.45	(0.02)	0.09	(0.04)
	Azerbaijan	2.76	(0.07)	2.92	(0.06)	-0.16	(0.08)	1.45	(0.04)	1.27	(0.05)	0.19	(0.06)
	Brazil	2.28	(0.04)	2.16	(0.04)	0.12	(0.06)	0.76	(0.03)	0.81	(0.03)	-0.05	(0.04)
	Bulgaria	2.30	(0.08)	2.98	(0.10)	-0.68	(0.08)	1.00	(0.03)	0.96	(0.04)	0.08	(0.06)
	Chile	2.24	(0.06)	2.44	(0.08)	-0.20	(0.08)	0.80	(0.02)	0.86	(0.02)	-0.05	(0.03)
	Colombia	3.47	(0.10)	3.53	(0.15)	-0.07	(0.12)	0.91	(0.04)	0.99	(0.05)	-0.08	(0.07)
	Croatia	1.83	(0.05)	2.20	(0.06)	-0.36	(0.06)	0.43	(0.03)	0.43	(0.02)	0.06	(0.04)
	Estonia	2.97	(0.05)	3.58	(0.06)	-0.61	(0.06)	0.79	(0.03)	0.73	(0.03)	0.07	(0.04)
	Hong Kong-China	3.39	(0.08)	2.91	(0.06)	0.48	(0.09)	0.99	(0.04)	0.77	(0.03)	0.14	(0.06)
	Indonesia	3.22	(0.10)	3.24	(0.09)	-0.02	(0.11)	1.01	(0.05)	1.08	(0.04)	-0.11	(0.06)
	Israel	2.23	(0.07)	2.62	(0.08)	-0.39	(0.10)	1.01	(0.04)	0.94	(0.04)	0.11	(0.06)
	Jordan	2.86	(0.07)	3.61	(0.07)	-0.75	(0.10)	1.68	(0.05)	1.37	(0.05)	0.33	(0.07)
	Kyrgyzstan	1.87	(0.07)	2.27	(0.08)	-0.40	(0.07)	1.27	(0.04)	1.44	(0.04)	-0.14	(0.05)
	Latvia	2.58	(0.07)	3.12	(0.06)	-0.55	(0.06)	0.70	(0.03)	0.60	(0.03)	0.13	(0.04)
	Liechtenstein	2.50	(0.14)	2.62	(0.11)	-0.12	(0.20)	0.59	(0.10)	0.45	(0.06)	0.13	(0.11)
	Lithuania	2.37	(0.05)	3.02	(0.05)	-0.65	(0.06)	0.57	(0.02)	0.56	(0.02)	0.02	(0.03)
	Macao-China	3.68	(0.05)	3.81	(0.05)	-0.13	(0.07)	1.07	(0.04)	0.92	(0.04)	0.16	(0.06)
	Montenegro	2.60	(0.06)	3.06	(0.05)	-0.46	(0.08)	1.05	(0.03)	1.06	(0.03)	0.04	(0.05)
	Qatar	2.52	(0.05)	2.80	(0.04)	-0.28	(0.06)	1.62	(0.03)	1.35	(0.03)	0.27	(0.05)
	Romania	2.14	(0.07)	2.38	(0.08)	-0.25	(0.06)	1.08	(0.04)	0.98	(0.04)	0.14	(0.06)
	Russian Federation	3.46	(0.08)	3.97	(0.10)	-0.51	(0.07)	1.13	(0.04)	1.11	(0.04)	0.02	(0.05)
	Serbia	2.55	(0.07)	3.18	(0.06)	-0.63	(0.08)	0.81	(0.03)	0.76	(0.03)	0.11	(0.04)
	Slovenia	2.34	(0.05)	3.27	(0.04)	-0.92	(0.07)	0.73	(0.03)	0.70	(0.03)	0.07	(0.04)
	Chinese Taipei	2.94	(0.06)	2.84	(0.07)	0.10	(0.08)	0.83	(0.03)	0.72	(0.03)	0.09	(0.03)
	Thailand	3.64	(0.06)	3.93	(0.06)	-0.29	(0.09)	0.96	(0.05)	0.87	(0.04)	0.09	(0.06)
	Tunisia	2.48	(0.07)	2.75	(0.06)	-0.26	(0.07)	1.89	(0.04)	1.96	(0.04)	-0.06	(0.06)
	Uruguay	2.21	(0.06)	2.58	(0.05)	-0.37	(0.07)	0.59	(0.02)	0.63	(0.03)	-0.02	(0.04)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 2/3]
Table 3.6a Mean learning hours and allocation of total learning time in science, by gender

	Mean learning hours per week												
	Individual study						Total learning hours						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.17	(0.03)	1.18	(0.03)	-0.02	(0.03)	4.74	(0.06)	4.80	(0.06)	-0.06	(0.08)
	Austria	1.27	(0.05)	1.28	(0.04)	-0.01	(0.05)	3.88	(0.14)	4.05	(0.09)	-0.16	(0.14)
	Belgium	1.14	(0.03)	1.37	(0.03)	-0.24	(0.04)	3.99	(0.09)	4.41	(0.07)	-0.42	(0.11)
	Canada	1.35	(0.03)	1.76	(0.03)	-0.41	(0.04)	5.75	(0.07)	6.50	(0.07)	-0.75	(0.09)
	Czech Republic	0.89	(0.03)	1.15	(0.05)	-0.26	(0.05)	4.03	(0.11)	5.03	(0.17)	-1.00	(0.20)
	Denmark	1.07	(0.03)	1.11	(0.03)	-0.04	(0.03)	4.96	(0.08)	5.16	(0.08)	-0.20	(0.09)
	Finland	0.97	(0.02)	1.17	(0.03)	-0.19	(0.03)	4.22	(0.07)	4.81	(0.08)	-0.60	(0.08)
	France	1.22	(0.05)	1.39	(0.04)	-0.17	(0.05)	4.54	(0.11)	4.89	(0.09)	-0.35	(0.13)
	Germany	1.61	(0.04)	1.80	(0.03)	-0.19	(0.04)	5.07	(0.09)	5.50	(0.08)	-0.43	(0.10)
	Greece	1.85	(0.05)	1.84	(0.04)	0.01	(0.06)	6.81	(0.13)	7.22	(0.12)	-0.41	(0.14)
	Hungary	1.49	(0.04)	1.72	(0.04)	-0.23	(0.05)	4.87	(0.10)	5.35	(0.10)	-0.48	(0.11)
	Iceland	1.14	(0.03)	1.19	(0.02)	-0.06	(0.04)	4.34	(0.06)	4.51	(0.05)	-0.16	(0.09)
	Ireland	1.20	(0.03)	1.21	(0.04)	-0.02	(0.05)	4.08	(0.09)	4.03	(0.09)	0.05	(0.11)
	Italy	2.04	(0.04)	2.15	(0.05)	-0.11	(0.04)	5.70	(0.09)	5.47	(0.13)	0.23	(0.11)
	Japan	0.72	(0.02)	0.66	(0.03)	0.07	(0.03)	3.78	(0.08)	3.51	(0.09)	0.27	(0.09)
	Korea	1.23	(0.09)	1.21	(0.04)	0.01	(0.08)	5.93	(0.20)	5.74	(0.15)	0.19	(0.22)
	Luxembourg	1.16	(0.03)	1.33	(0.03)	-0.17	(0.05)	3.85	(0.07)	4.32	(0.06)	-0.47	(0.10)
	Mexico	2.05	(0.04)	2.19	(0.03)	-0.14	(0.05)	6.21	(0.10)	6.27	(0.07)	-0.06	(0.10)
	Netherlands	1.18	(0.03)	1.24	(0.03)	-0.06	(0.04)	3.93	(0.08)	3.87	(0.08)	0.06	(0.10)
	New Zealand	1.20	(0.03)	1.35	(0.04)	-0.16	(0.05)	5.60	(0.09)	5.87	(0.08)	-0.27	(0.11)
	Norway	1.20	(0.02)	1.25	(0.03)	-0.05	(0.03)	4.76	(0.06)	4.83	(0.07)	-0.08	(0.08)
	Poland	1.66	(0.03)	2.37	(0.03)	-0.71	(0.04)	4.71	(0.07)	6.00	(0.09)	-1.29	(0.09)
	Portugal	1.85	(0.05)	2.31	(0.04)	-0.46	(0.06)	5.57	(0.10)	6.26	(0.09)	-0.69	(0.12)
	Slovak Republic	1.22	(0.04)	1.57	(0.06)	-0.36	(0.06)	4.00	(0.13)	5.04	(0.15)	-1.04	(0.15)
	Spain	1.53	(0.03)	1.95	(0.04)	-0.42	(0.03)	5.20	(0.08)	5.91	(0.09)	-0.71	(0.09)
	Sweden	1.09	(0.03)	1.21	(0.03)	-0.12	(0.03)	4.37	(0.06)	4.53	(0.06)	-0.16	(0.07)
	Switzerland	1.06	(0.02)	1.18	(0.03)	-0.12	(0.04)	3.69	(0.07)	4.05	(0.08)	-0.36	(0.10)
	Turkey	1.55	(0.05)	1.75	(0.07)	-0.19	(0.06)	5.68	(0.19)	5.96	(0.21)	-0.27	(0.18)
	United Kingdom	1.40	(0.03)	1.49	(0.03)	-0.09	(0.03)	6.16	(0.06)	6.20	(0.07)	-0.04	(0.08)
	United States	1.56	(0.03)	1.81	(0.04)	-0.25	(0.05)	5.83	(0.08)	6.18	(0.08)	-0.35	(0.10)
	OECD average	1.34	(0.01)	1.51	(0.01)	-0.17	(0.01)	4.88	(0.02)	5.21	(0.02)	-0.33	(0.02)
Partners	Argentina	1.40	(0.05)	1.76	(0.05)	-0.37	(0.05)	3.98	(0.10)	4.61	(0.13)	-0.63	(0.15)
	Azerbaijan	2.48	(0.05)	2.80	(0.06)	-0.32	(0.06)	6.64	(0.11)	7.03	(0.14)	-0.39	(0.15)
	Brazil	1.60	(0.03)	1.79	(0.04)	-0.19	(0.05)	4.64	(0.07)	4.75	(0.08)	-0.11	(0.10)
	Bulgaria	1.76	(0.06)	2.26	(0.08)	-0.50	(0.07)	5.09	(0.12)	6.22	(0.18)	-1.13	(0.16)
	Chile	1.43	(0.03)	1.63	(0.04)	-0.20	(0.05)	4.50	(0.08)	4.93	(0.12)	-0.44	(0.14)
	Colombia	1.68	(0.05)	1.95	(0.05)	-0.28	(0.07)	6.05	(0.15)	6.48	(0.24)	-0.43	(0.23)
	Croatia	1.25	(0.04)	1.67	(0.05)	-0.43	(0.05)	3.53	(0.10)	4.31	(0.11)	-0.78	(0.11)
	Estonia	1.36	(0.04)	1.73	(0.03)	-0.37	(0.05)	5.12	(0.09)	6.04	(0.08)	-0.92	(0.12)
	Hong Kong-China	1.54	(0.04)	1.35	(0.05)	0.19	(0.07)	5.91	(0.13)	5.01	(0.13)	0.90	(0.18)
	Indonesia	1.64	(0.04)	1.93	(0.04)	-0.30	(0.05)	5.86	(0.12)	6.24	(0.15)	-0.38	(0.15)
	Israel	1.36	(0.06)	1.35	(0.04)	0.01	(0.07)	4.60	(0.14)	4.89	(0.13)	-0.29	(0.18)
	Jordan	2.43	(0.04)	2.85	(0.07)	-0.42	(0.08)	6.95	(0.11)	7.82	(0.13)	-0.87	(0.16)
	Kyrgyzstan	1.88	(0.05)	2.35	(0.05)	-0.47	(0.07)	5.15	(0.11)	6.03	(0.11)	-0.88	(0.13)
	Latvia	1.57	(0.04)	2.02	(0.05)	-0.45	(0.06)	4.84	(0.10)	5.73	(0.11)	-0.88	(0.12)
	Liechtenstein	1.19	(0.11)	1.20	(0.08)	-0.01	(0.14)	4.30	(0.21)	4.27	(0.16)	0.03	(0.31)
	Lithuania	1.47	(0.04)	1.91	(0.04)	-0.43	(0.05)	4.41	(0.08)	5.47	(0.08)	-1.05	(0.10)
	Macao-China	1.33	(0.03)	1.42	(0.03)	-0.09	(0.04)	6.07	(0.08)	6.14	(0.09)	-0.06	(0.12)
	Montenegro	2.01	(0.04)	2.40	(0.04)	-0.38	(0.06)	5.68	(0.10)	6.49	(0.10)	-0.82	(0.15)
	Qatar	2.01	(0.04)	2.06	(0.03)	-0.04	(0.05)	6.19	(0.09)	6.22	(0.08)	-0.03	(0.12)
	Romania	1.53	(0.05)	1.70	(0.07)	-0.17	(0.07)	4.74	(0.11)	5.01	(0.15)	-0.27	(0.14)
	Russian Federation	2.57	(0.07)	3.14	(0.06)	-0.57	(0.06)	7.15	(0.15)	8.25	(0.15)	-1.10	(0.13)
	Serbia	1.49	(0.05)	1.93	(0.05)	-0.44	(0.06)	4.85	(0.11)	5.86	(0.10)	-1.01	(0.13)
	Slovenia	1.34	(0.03)	1.72	(0.03)	-0.38	(0.04)	4.44	(0.08)	5.68	(0.06)	-1.24	(0.11)
	Chinese Taipei	1.30	(0.04)	1.18	(0.04)	0.12	(0.04)	5.11	(0.10)	4.75	(0.13)	0.36	(0.13)
	Thailand	1.64	(0.05)	1.92	(0.04)	-0.28	(0.06)	6.24	(0.11)	6.73	(0.11)	-0.49	(0.18)
	Tunisia	2.48	(0.06)	2.73	(0.04)	-0.25	(0.07)	6.83	(0.14)	7.42	(0.11)	-0.59	(0.16)
	Uruguay	1.11	(0.04)	1.51	(0.04)	-0.40	(0.05)	3.94	(0.09)	4.73	(0.10)	-0.79	(0.12)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6a Mean learning hours and allocation of total learning time in science, by gender

	Allocation of total learning time in science for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	70.3	(0.4)	71.6	(0.3)	-1.4	(0.5)	7.2	(0.2)	5.3	(0.2)	1.9	(0.2)	22.6	(0.3)	23.1	(0.3)	-0.5	(0.4)
	Austria	63.0	(0.9)	65.1	(0.8)	-2.0	(1.1)	5.2	(0.3)	3.3	(0.3)	1.8	(0.4)	31.8	(0.8)	31.6	(0.7)	0.2	(0.9)
	Belgium	63.3	(0.5)	63.7	(0.4)	-0.4	(0.6)	7.8	(0.3)	5.4	(0.2)	2.5	(0.4)	28.9	(0.4)	31.0	(0.4)	-2.1	(0.5)
	Canada	67.3	(0.4)	65.3	(0.5)	1.9	(0.6)	9.0	(0.3)	8.0	(0.2)	1.0	(0.3)	23.7	(0.4)	26.7	(0.4)	-2.9	(0.5)
	Czech Republic	70.1	(1.0)	67.1	(0.6)	3.0	(1.1)	9.6	(0.6)	10.3	(0.4)	-0.7	(0.8)	20.4	(0.6)	22.7	(0.6)	-2.3	(0.7)
	Denmark	66.2	(0.6)	67.1	(0.6)	-0.9	(0.7)	13.9	(0.3)	12.2	(0.3)	1.6	(0.4)	19.9	(0.5)	20.6	(0.4)	-0.7	(0.5)
	Finland	70.8	(0.6)	71.1	(0.4)	-0.3	(0.7)	6.9	(0.3)	5.0	(0.2)	2.0	(0.3)	22.3	(0.4)	23.9	(0.3)	-1.6	(0.5)
	France	63.9	(0.6)	61.9	(0.6)	2.0	(0.8)	11.1	(0.4)	10.5	(0.4)	0.7	(0.5)	24.9	(0.6)	27.6	(0.5)	-2.6	(0.7)
	Germany	57.3	(0.8)	58.6	(0.6)	-1.3	(0.9)	9.5	(0.5)	7.5	(0.3)	2.1	(0.5)	33.2	(0.6)	33.9	(0.4)	-0.8	(0.7)
	Greece	45.6	(0.8)	50.9	(0.6)	-5.3	(0.9)	27.5	(0.6)	25.0	(0.5)	2.5	(0.7)	26.9	(0.6)	24.0	(0.5)	2.9	(0.7)
	Hungary	51.4	(0.7)	51.7	(0.7)	-0.3	(0.8)	18.9	(0.6)	16.8	(0.5)	2.1	(0.6)	29.8	(0.6)	31.5	(0.4)	-1.8	(0.8)
	Iceland	69.2	(0.5)	71.0	(0.5)	-1.8	(0.7)	6.0	(0.3)	4.2	(0.2)	1.8	(0.4)	24.8	(0.4)	24.8	(0.4)	-0.0	(0.5)
	Ireland	65.5	(0.6)	66.9	(0.6)	-1.4	(0.8)	6.9	(0.4)	5.4	(0.3)	1.4	(0.5)	27.6	(0.5)	27.6	(0.5)	-0.0	(0.7)
	Italy	53.9	(0.4)	54.1	(0.4)	-0.1	(0.6)	10.7	(0.3)	7.6	(0.2)	3.1	(0.4)	35.4	(0.4)	38.3	(0.3)	-2.9	(0.5)
	Japan	77.6	(0.5)	79.2	(0.6)	-1.6	(0.6)	6.2	(0.3)	4.2	(0.3)	2.0	(0.4)	16.2	(0.4)	16.6	(0.6)	-0.4	(0.6)
	Korea	67.2	(0.9)	67.7	(0.8)	-0.5	(1.1)	14.6	(0.5)	13.0	(0.6)	1.6	(0.8)	18.2	(0.6)	19.3	(0.5)	-1.1	(0.7)
	Luxembourg	58.7	(0.5)	61.0	(0.6)	-2.3	(0.8)	11.8	(0.4)	8.2	(0.3)	3.6	(0.5)	29.5	(0.5)	30.8	(0.5)	-1.3	(0.8)
	Mexico	48.6	(0.5)	48.4	(0.5)	0.2	(0.6)	16.1	(0.4)	13.9	(0.4)	2.2	(0.5)	35.3	(0.5)	37.7	(0.4)	-2.4	(0.5)
	Netherlands	55.8	(0.8)	57.0	(0.7)	-1.2	(0.9)	14.0	(0.5)	11.0	(0.4)	3.0	(0.7)	30.1	(0.5)	32.0	(0.5)	-1.8	(0.7)
	New Zealand	73.7	(0.5)	72.6	(0.5)	1.1	(0.7)	6.4	(0.3)	6.0	(0.3)	0.4	(0.4)	19.9	(0.3)	21.4	(0.4)	-1.5	(0.5)
Norway	58.9	(0.6)	60.3	(0.7)	-1.4	(0.8)	18.0	(0.4)	15.7	(0.4)	2.2	(0.5)	23.1	(0.3)	23.9	(0.4)	-0.8	(0.5)	
Poland	54.1	(0.6)	52.3	(0.4)	1.8	(0.6)	11.5	(0.4)	9.1	(0.3)	2.5	(0.4)	34.3	(0.5)	38.7	(0.4)	-4.3	(0.5)	
Portugal	56.1	(0.6)	53.2	(0.6)	2.9	(0.7)	9.6	(0.4)	9.0	(0.4)	0.6	(0.5)	34.3	(0.6)	37.8	(0.5)	-3.5	(0.7)	
Slovak Republic	60.2	(0.8)	57.3	(0.7)	2.9	(0.9)	11.1	(0.6)	12.3	(0.5)	-1.1	(0.6)	28.7	(0.6)	30.4	(0.6)	-1.8	(0.8)	
Spain	59.5	(0.5)	58.4	(0.4)	1.1	(0.6)	11.5	(0.4)	9.8	(0.4)	1.7	(0.4)	29.0	(0.4)	31.8	(0.4)	-2.8	(0.5)	
Sweden	67.0	(0.8)	66.3	(0.5)	0.7	(0.8)	9.7	(0.3)	8.6	(0.4)	1.1	(0.6)	23.3	(0.6)	25.0	(0.5)	-1.8	(0.5)	
Switzerland	61.1	(0.5)	63.0	(0.5)	-1.9	(0.7)	9.5	(0.3)	7.0	(0.3)	2.5	(0.4)	29.3	(0.4)	29.9	(0.4)	-0.6	(0.6)	
Turkey	52.4	(0.7)	49.8	(0.9)	2.6	(1.2)	20.9	(0.5)	21.0	(0.7)	-0.2	(0.9)	26.8	(0.5)	29.2	(0.7)	-2.4	(0.9)	
United Kingdom	70.7	(0.4)	70.7	(0.4)	-0.0	(0.5)	7.4	(0.3)	6.1	(0.2)	1.3	(0.3)	21.9	(0.4)	23.2	(0.4)	-1.2	(0.4)	
United States	58.4	(0.7)	58.7	(0.6)	-0.2	(0.7)	13.6	(0.7)	11.5	(0.4)	2.1	(0.7)	28.0	(0.4)	29.9	(0.5)	-1.9	(0.6)	
OECD average	61.9	(0.1)	62.1	(0.1)	-0.1	(0.1)	11.4	(0.1)	9.8	(0.1)	1.6	(0.1)	26.7	(0.1)	28.2	(0.1)	-1.5	(0.1)	
Partners	Argentina	53.2	(1.0)	53.1	(1.0)	0.1	(1.2)	11.6	(0.7)	7.9	(0.5)	3.7	(0.9)	35.2	(0.8)	39.0	(0.9)	-3.8	(1.1)
	Azerbaijan	41.6	(0.8)	44.6	(0.7)	-2.9	(1.0)	21.8	(0.6)	16.8	(0.5)	5.0	(0.6)	36.6	(0.5)	38.6	(0.6)	-2.0	(0.7)
	Brazil	52.9	(0.6)	48.1	(0.6)	4.8	(0.8)	13.6	(0.5)	14.5	(0.5)	-0.9	(0.7)	33.5	(0.5)	37.4	(0.5)	-3.9	(0.7)
	Bulgaria	47.4	(1.0)	50.2	(0.7)	-2.8	(1.1)	18.5	(0.8)	14.0	(0.6)	4.5	(0.8)	34.1	(0.6)	35.8	(0.5)	-1.7	(0.8)
	Chile	49.0	(0.6)	49.1	(0.7)	-0.1	(0.7)	16.6	(0.5)	16.2	(0.5)	0.4	(0.6)	34.5	(0.5)	34.8	(0.5)	-0.3	(0.7)
	Colombia	59.6	(0.8)	58.3	(0.7)	1.3	(1.0)	13.3	(0.5)	12.9	(0.4)	0.4	(0.6)	27.1	(0.6)	28.8	(0.6)	-1.7	(0.8)
	Croatia	55.1	(0.8)	54.0	(0.6)	1.1	(0.9)	11.1	(0.6)	8.8	(0.4)	2.3	(0.7)	33.8	(0.6)	37.2	(0.6)	-3.4	(0.8)
	Estonia	61.1	(0.6)	61.9	(0.6)	-0.8	(0.7)	14.1	(0.5)	11.1	(0.4)	3.0	(0.6)	24.9	(0.5)	27.0	(0.3)	-2.1	(0.6)
	Hong Kong-China	60.3	(0.8)	61.7	(0.6)	-1.5	(0.9)	14.9	(0.5)	12.8	(0.5)	2.1	(0.6)	24.9	(0.5)	25.5	(0.5)	-0.6	(0.7)
	Indonesia	56.4	(1.3)	52.7	(0.7)	3.7	(1.2)	15.3	(1.0)	15.9	(0.5)	-0.6	(0.8)	28.4	(0.5)	31.4	(0.5)	-3.1	(0.6)
	Israel	49.4	(1.1)	58.8	(0.8)	-9.4	(1.4)	20.6	(0.6)	16.2	(0.5)	4.4	(0.8)	30.0	(0.8)	25.0	(0.6)	5.0	(1.0)
	Jordan	39.0	(0.9)	46.4	(0.7)	-7.5	(1.1)	24.5	(0.7)	16.5	(0.5)	8.1	(0.8)	36.5	(0.6)	37.1	(0.6)	-0.6	(0.8)
	Kyrgyzstan	35.2	(0.8)	35.6	(0.7)	-0.5	(0.9)	27.0	(0.8)	24.9	(0.6)	2.1	(0.9)	37.8	(0.7)	39.5	(0.6)	-1.6	(1.1)
	Latvia	56.1	(0.8)	56.1	(0.6)	0.0	(1.0)	12.1	(0.5)	8.9	(0.4)	3.3	(0.6)	31.7	(0.6)	35.0	(0.5)	-3.3	(0.8)
	Liechtenstein	61.9	(2.4)	61.7	(1.4)	0.2	(2.7)	11.2	(1.6)	9.3	(1.2)	1.9	(2.0)	26.9	(1.9)	29.0	(1.4)	-2.1	(2.0)
	Lithuania	56.9	(0.7)	57.3	(0.5)	-0.4	(0.9)	11.5	(0.4)	8.7	(0.3)	2.8	(0.5)	31.6	(0.5)	34.0	(0.4)	-2.4	(0.7)
	Macao-China	64.2	(0.6)	65.2	(0.5)	-1.0	(0.8)	15.9	(0.4)	13.1	(0.5)	2.8	(0.6)	19.9	(0.5)	21.6	(0.4)	-1.8	(0.6)
	Montenegro	46.1	(0.7)	47.5	(0.5)	-1.5	(0.8)	17.6	(0.5)	14.6	(0.4)	3.0	(0.7)	36.3	(0.6)	37.9	(0.6)	-1.6	(0.8)
	Qatar	36.9	(0.5)	44.2	(0.5)	-7.2	(0.7)	28.2	(0.5)	21.7	(0.4)	6.5	(0.6)	34.9	(0.5)	34.1	(0.4)	0.8	(0.6)
	Romania	46.6	(0.9)	49.6	(0.8)	-3.0	(1.2)	21.5	(0.7)	17.7	(0.7)	3.8	(0.9)	31.9	(0.7)	32.8	(0.6)	-0.8	(0.8)
Russian Federation	48.6	(0.6)	48.6	(0.6)	-0.0	(0.8)	15.9	(0.6)	14.2	(0.6)	1.8	(0.7)	35.5	(0.7)	37.3	(0.5)	-1.8	(0.7)	
Serbia	55.4	(0.7)	58.2	(0.6)	-2.7	(0.8)	15.6	(0.5)	11.3	(0.5)	4.2	(0.6)	29.0	(0.6)	30.5	(0.5)	-1.5	(0.7)	
Slovenia	53.2	(0.7)	58.0	(0.5)	-4.8	(0.8)	15.3	(0.5)	11.3	(0.4)	4.1	(0.6)	31.5	(0.5)	30.8	(0.4)	0.7	(0.6)	
Chinese Taipei	63.0	(0.5)	64.4	(0.5)	-1.4	(0.6)	12.9	(0.3)	11.5	(0.3)	1.5	(0.4)	24.0	(0.5)	24.1	(0.4)	-0.1	(0.6)	
Thailand	64.5	(0.7)	63.5	(0.4)	0.9	(0.7)	11.2	(0.5)	9.0	(0.4)	2.2	(0.6)	24.3	(0.5)	27.5	(0.3)	-3.1	(0.5)	
Tunisia	35.9	(0.7)	38.5	(0.4)	-2.6	(0.8)	26.8	(0.5)	25.1	(0.5)	1.7	(0.7)	37.3	(0.6)	36.4	(0.5)	0.9	(0.7)	
Uruguay	56.5	(0.8)	55.9	(0.6)	0.6	(1.0)	13.0	(0.5)	11.2	(0.5)	1.8	(0.7)	30.5	(0.6)	32.9	(0.6)	-2.4	(0.8)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 1/3]
Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	4.08	(0.04)	4.12	(0.03)	-0.04	(0.05)	0.83	(0.02)	0.66	(0.02)	0.16	(0.03)
	Austria	3.36	(0.07)	3.07	(0.04)	0.29	(0.08)	0.51	(0.03)	0.50	(0.03)	0.01	(0.04)
	Belgium	3.56	(0.05)	3.60	(0.05)	-0.03	(0.06)	0.59	(0.02)	0.51	(0.02)	0.08	(0.03)
	Canada	4.35	(0.04)	4.65	(0.05)	-0.29	(0.05)	0.91	(0.03)	0.96	(0.02)	-0.06	(0.04)
	Czech Republic	4.11	(0.04)	3.85	(0.07)	0.26	(0.06)	0.79	(0.03)	0.72	(0.03)	0.05	(0.04)
	Denmark	4.41	(0.05)	4.46	(0.04)	-0.04	(0.05)	1.37	(0.04)	1.36	(0.04)	0.01	(0.05)
	Finland	3.34	(0.04)	3.55	(0.05)	-0.21	(0.04)	0.42	(0.02)	0.32	(0.02)	0.11	(0.02)
	France	3.79	(0.04)	3.89	(0.04)	-0.11	(0.05)	0.88	(0.03)	0.97	(0.03)	-0.10	(0.04)
	Germany	3.79	(0.04)	3.97	(0.04)	-0.18	(0.05)	0.83	(0.03)	0.81	(0.03)	0.01	(0.04)
	Greece	3.39	(0.06)	3.51	(0.05)	-0.12	(0.06)	2.21	(0.07)	2.25	(0.06)	-0.01	(0.07)
	Hungary	3.19	(0.05)	3.39	(0.05)	-0.20	(0.06)	1.25	(0.03)	1.32	(0.04)	-0.09	(0.05)
	Iceland	4.60	(0.04)	4.89	(0.03)	-0.29	(0.05)	0.68	(0.03)	0.75	(0.03)	-0.07	(0.04)
	Ireland	3.63	(0.04)	3.68	(0.04)	-0.05	(0.05)	0.75	(0.03)	0.68	(0.03)	0.08	(0.04)
	Italy	3.75	(0.04)	3.73	(0.04)	0.02	(0.04)	0.93	(0.03)	0.84	(0.02)	0.09	(0.04)
	Japan	4.24	(0.08)	4.23	(0.11)	0.01	(0.13)	0.76	(0.03)	0.66	(0.04)	0.09	(0.04)
	Korea	4.65	(0.06)	4.75	(0.07)	-0.10	(0.09)	2.30	(0.08)	2.25	(0.07)	0.02	(0.12)
	Luxembourg	3.81	(0.04)	3.90	(0.03)	-0.09	(0.05)	0.84	(0.03)	0.82	(0.03)	0.00	(0.04)
	Mexico	3.94	(0.05)	3.95	(0.05)	-0.02	(0.08)	1.25	(0.04)	1.11	(0.04)	0.13	(0.04)
	Netherlands	2.94	(0.04)	2.81	(0.05)	0.13	(0.06)	0.71	(0.03)	0.66	(0.02)	0.06	(0.03)
	New Zealand	4.28	(0.04)	4.47	(0.03)	-0.19	(0.05)	0.71	(0.03)	0.66	(0.03)	0.03	(0.04)
	Norway	3.35	(0.04)	3.43	(0.04)	-0.07	(0.04)	1.11	(0.03)	0.98	(0.03)	0.14	(0.04)
	Poland	4.10	(0.05)	4.60	(0.04)	-0.50	(0.05)	0.80	(0.03)	0.76	(0.03)	0.04	(0.03)
	Portugal	3.53	(0.05)	3.68	(0.05)	-0.15	(0.06)	0.77	(0.03)	0.86	(0.03)	-0.11	(0.04)
	Slovak Republic	3.33	(0.06)	3.24	(0.06)	0.08	(0.06)	0.78	(0.03)	0.99	(0.04)	-0.20	(0.04)
	Spain	3.32	(0.03)	3.52	(0.04)	-0.20	(0.04)	0.93	(0.03)	1.06	(0.03)	-0.13	(0.04)
	Sweden	3.09	(0.03)	3.09	(0.03)	0.00	(0.04)	0.63	(0.02)	0.59	(0.02)	0.03	(0.03)
	Switzerland	3.79	(0.04)	3.93	(0.05)	-0.13	(0.05)	0.76	(0.03)	0.64	(0.03)	0.13	(0.03)
	Turkey	3.74	(0.06)	3.92	(0.09)	-0.18	(0.10)	1.96	(0.05)	2.21	(0.07)	-0.24	(0.08)
	United Kingdom	3.77	(0.03)	3.79	(0.04)	-0.02	(0.03)	0.67	(0.02)	0.59	(0.02)	0.09	(0.03)
	United States	3.66	(0.06)	3.88	(0.05)	-0.21	(0.06)	1.17	(0.04)	1.12	(0.04)	0.05	(0.05)
	OECD average	3.76	(0.01)	3.85	(0.01)	-0.09	(0.01)	0.97	(0.01)	0.95	(0.01)	0.01	(0.01)
Partners	Argentina	2.81	(0.07)	3.07	(0.08)	-0.26	(0.09)	0.77	(0.04)	0.78	(0.04)	0.01	(0.05)
	Azerbaijan	3.77	(0.07)	3.81	(0.07)	-0.05	(0.09)	1.94	(0.06)	1.44	(0.06)	0.49	(0.08)
	Brazil	3.12	(0.05)	3.18	(0.04)	-0.06	(0.05)	1.15	(0.04)	1.26	(0.04)	-0.11	(0.06)
	Bulgaria	2.79	(0.08)	3.17	(0.08)	-0.38	(0.08)	1.12	(0.05)	1.16	(0.05)	-0.02	(0.06)
	Chile	3.43	(0.08)	3.55	(0.09)	-0.12	(0.11)	0.96	(0.03)	1.03	(0.04)	-0.07	(0.04)
	Colombia	4.16	(0.09)	4.25	(0.06)	-0.09	(0.09)	1.26	(0.05)	1.20	(0.04)	0.04	(0.08)
	Croatia	3.00	(0.05)	3.09	(0.05)	-0.09	(0.06)	0.74	(0.03)	0.79	(0.04)	-0.03	(0.05)
	Estonia	3.97	(0.05)	4.43	(0.04)	-0.46	(0.05)	0.98	(0.05)	1.00	(0.04)	-0.02	(0.07)
	Hong Kong-China	5.18	(0.05)	5.27	(0.06)	-0.09	(0.07)	1.44	(0.05)	1.35	(0.04)	0.08	(0.07)
	Indonesia	4.05	(0.10)	4.12	(0.07)	-0.07	(0.08)	1.31	(0.05)	1.42	(0.05)	-0.15	(0.05)
	Israel	3.89	(0.06)	4.34	(0.05)	-0.44	(0.08)	2.07	(0.06)	2.23	(0.06)	-0.11	(0.08)
	Jordan	3.22	(0.07)	3.72	(0.06)	-0.50	(0.10)	1.97	(0.06)	1.68	(0.05)	0.29	(0.09)
	Kyrgyzstan	2.61	(0.06)	3.10	(0.07)	-0.50	(0.07)	1.48	(0.05)	1.61	(0.05)	-0.12	(0.06)
	Latvia	4.34	(0.05)	4.63	(0.05)	-0.29	(0.05)	1.20	(0.05)	1.19	(0.05)	0.02	(0.05)
	Liechtenstein	3.84	(0.14)	4.10	(0.10)	-0.26	(0.18)	0.65	(0.08)	0.52	(0.05)	0.16	(0.11)
	Lithuania	3.25	(0.05)	3.76	(0.04)	-0.51	(0.05)	0.73	(0.03)	0.74	(0.03)	-0.01	(0.04)
	Macao-China	5.25	(0.05)	5.56	(0.04)	-0.31	(0.06)	1.26	(0.04)	1.15	(0.05)	0.13	(0.07)
	Montenegro	3.09	(0.05)	3.09	(0.05)	-0.00	(0.06)	0.98	(0.04)	0.87	(0.03)	0.14	(0.06)
	Qatar	3.10	(0.04)	3.13	(0.04)	-0.03	(0.06)	2.07	(0.04)	1.65	(0.03)	0.43	(0.06)
	Romania	2.96	(0.08)	3.05	(0.08)	-0.10	(0.08)	1.47	(0.04)	1.53	(0.04)	-0.05	(0.05)
	Russian Federation	3.50	(0.05)	3.75	(0.07)	-0.25	(0.06)	1.13	(0.05)	1.13	(0.03)	0.01	(0.05)
	Serbia	3.23	(0.05)	3.32	(0.04)	-0.10	(0.05)	1.02	(0.03)	0.92	(0.03)	0.10	(0.04)
	Slovenia	3.04	(0.04)	3.60	(0.04)	-0.55	(0.06)	1.00	(0.03)	1.05	(0.03)	-0.03	(0.05)
	Chinese Taipei	4.25	(0.06)	4.26	(0.08)	-0.00	(0.09)	1.57	(0.04)	1.48	(0.05)	0.04	(0.06)
	Thailand	3.60	(0.06)	3.91	(0.05)	-0.31	(0.09)	0.94	(0.05)	0.91	(0.04)	0.04	(0.06)
	Tunisia	3.32	(0.06)	3.46	(0.07)	-0.14	(0.09)	2.44	(0.05)	2.40	(0.05)	0.04	(0.08)
	Uruguay	3.18	(0.05)	3.44	(0.04)	-0.26	(0.06)	0.86	(0.04)	0.81	(0.03)	0.06	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/3]
Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender

		Mean learning hours per week											
		Individual study					Total learning hours						
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.77	(0.03)	1.81	(0.03)	-0.04	(0.04)	6.69	(0.07)	6.60	(0.06)	0.09	(0.09)
	Austria	2.07	(0.05)	2.19	(0.05)	-0.12	(0.06)	5.97	(0.12)	5.79	(0.08)	0.18	(0.14)
	Belgium	1.64	(0.03)	1.94	(0.04)	-0.30	(0.05)	5.82	(0.08)	6.05	(0.08)	-0.23	(0.10)
	Canada	1.73	(0.04)	2.21	(0.04)	-0.48	(0.05)	7.04	(0.08)	7.84	(0.08)	-0.80	(0.10)
	Czech Republic	1.31	(0.03)	1.32	(0.04)	-0.01	(0.04)	6.19	(0.07)	5.88	(0.10)	0.31	(0.09)
	Denmark	1.68	(0.03)	1.81	(0.03)	-0.13	(0.04)	7.42	(0.09)	7.62	(0.08)	-0.20	(0.11)
	Finland	1.12	(0.02)	1.29	(0.02)	-0.17	(0.03)	4.89	(0.06)	5.15	(0.07)	-0.26	(0.06)
	France	1.57	(0.05)	1.89	(0.03)	-0.32	(0.05)	6.25	(0.09)	6.74	(0.07)	-0.50	(0.11)
	Germany	2.09	(0.04)	2.47	(0.04)	-0.38	(0.04)	6.75	(0.08)	7.23	(0.09)	-0.48	(0.09)
	Greece	2.07	(0.05)	1.94	(0.04)	0.13	(0.06)	7.71	(0.14)	7.70	(0.10)	0.01	(0.14)
	Hungary	1.73	(0.04)	1.96	(0.04)	-0.24	(0.05)	6.19	(0.10)	6.67	(0.11)	-0.48	(0.12)
	Iceland	1.61	(0.03)	1.81	(0.03)	-0.20	(0.05)	6.88	(0.07)	7.46	(0.06)	-0.58	(0.09)
	Ireland	1.68	(0.04)	1.84	(0.04)	-0.16	(0.06)	6.08	(0.08)	6.19	(0.09)	-0.12	(0.11)
	Italy	2.36	(0.04)	2.60	(0.04)	-0.24	(0.04)	7.07	(0.07)	7.16	(0.09)	-0.08	(0.09)
	Japan	1.42	(0.06)	1.53	(0.08)	-0.11	(0.08)	6.43	(0.15)	6.43	(0.20)	-0.01	(0.23)
	Korea	2.29	(0.10)	2.33	(0.07)	-0.04	(0.11)	9.29	(0.20)	9.34	(0.17)	-0.05	(0.27)
	Luxembourg	1.61	(0.04)	1.82	(0.03)	-0.21	(0.05)	6.31	(0.07)	6.54	(0.06)	-0.23	(0.09)
	Mexico	2.21	(0.04)	2.31	(0.04)	-0.10	(0.05)	7.35	(0.10)	7.35	(0.08)	-0.00	(0.12)
	Netherlands	1.42	(0.03)	1.53	(0.04)	-0.11	(0.04)	5.07	(0.08)	4.97	(0.09)	0.10	(0.10)
	New Zealand	1.52	(0.04)	1.65	(0.04)	-0.13	(0.06)	6.53	(0.08)	6.77	(0.07)	-0.24	(0.11)
Norway	1.35	(0.03)	1.45	(0.04)	-0.10	(0.05)	5.80	(0.07)	5.87	(0.08)	-0.07	(0.08)	
Poland	1.81	(0.03)	2.37	(0.04)	-0.56	(0.04)	6.70	(0.08)	7.74	(0.07)	-1.04	(0.08)	
Portugal	1.74	(0.05)	2.18	(0.04)	-0.44	(0.06)	6.04	(0.10)	6.70	(0.08)	-0.66	(0.12)	
Slovak Republic	1.57	(0.05)	1.81	(0.04)	-0.25	(0.06)	5.69	(0.12)	6.06	(0.12)	-0.36	(0.13)	
Spain	1.74	(0.03)	2.18	(0.04)	-0.44	(0.04)	6.05	(0.07)	6.77	(0.06)	-0.72	(0.07)	
Sweden	1.12	(0.03)	1.25	(0.03)	-0.13	(0.03)	4.84	(0.06)	4.92	(0.05)	-0.08	(0.07)	
Switzerland	1.61	(0.03)	1.77	(0.03)	-0.16	(0.04)	6.19	(0.07)	6.34	(0.08)	-0.16	(0.09)	
Turkey	2.15	(0.05)	2.49	(0.07)	-0.35	(0.07)	7.81	(0.14)	8.59	(0.21)	-0.78	(0.21)	
United Kingdom	1.45	(0.02)	1.53	(0.03)	-0.08	(0.03)	5.89	(0.06)	5.90	(0.06)	-0.01	(0.06)	
United States	1.88	(0.04)	2.22	(0.04)	-0.34	(0.05)	6.80	(0.08)	7.21	(0.08)	-0.40	(0.10)	
OECD average	1.71	(0.01)	1.92	(0.01)	-0.21	(0.01)	6.46	(0.02)	6.72	(0.02)	-0.26	(0.02)	
Partners	Argentina	1.70	(0.06)	1.93	(0.05)	-0.23	(0.07)	5.29	(0.13)	5.78	(0.13)	-0.49	(0.15)
	Azerbaijan	3.00	(0.07)	2.88	(0.07)	0.12	(0.08)	8.74	(0.18)	8.23	(0.15)	0.51	(0.19)
	Brazil	1.65	(0.04)	1.92	(0.04)	-0.27	(0.05)	5.91	(0.09)	6.34	(0.09)	-0.43	(0.11)
	Bulgaria	1.87	(0.07)	2.31	(0.08)	-0.44	(0.08)	5.83	(0.16)	6.64	(0.18)	-0.81	(0.17)
	Chile	1.60	(0.04)	1.61	(0.05)	-0.01	(0.05)	6.05	(0.11)	6.20	(0.14)	-0.15	(0.16)
	Colombia	1.91	(0.04)	1.95	(0.05)	-0.04	(0.07)	7.33	(0.13)	7.41	(0.11)	-0.08	(0.17)
	Croatia	1.65	(0.04)	1.96	(0.04)	-0.31	(0.05)	5.45	(0.08)	5.86	(0.08)	-0.41	(0.11)
	Estonia	1.70	(0.04)	2.23	(0.04)	-0.53	(0.06)	6.65	(0.09)	7.66	(0.09)	-1.01	(0.12)
	Hong Kong-China	2.17	(0.05)	2.30	(0.05)	-0.13	(0.07)	8.81	(0.11)	8.92	(0.11)	-0.12	(0.14)
	Indonesia	1.80	(0.04)	2.19	(0.04)	-0.39	(0.05)	7.16	(0.13)	7.73	(0.11)	-0.58	(0.11)
	Israel	2.26	(0.08)	2.39	(0.07)	-0.13	(0.10)	8.40	(0.17)	8.96	(0.13)	-0.55	(0.21)
	Jordan	2.56	(0.05)	2.81	(0.06)	-0.25	(0.08)	7.72	(0.12)	8.18	(0.12)	-0.46	(0.18)
	Kyrgyzstan	1.96	(0.05)	2.43	(0.05)	-0.47	(0.07)	6.19	(0.12)	7.14	(0.13)	-0.95	(0.16)
	Latvia	2.25	(0.05)	2.62	(0.05)	-0.37	(0.06)	7.80	(0.11)	8.46	(0.10)	-0.66	(0.12)
	Liechtenstein	1.41	(0.11)	1.56	(0.08)	-0.15	(0.14)	5.94	(0.23)	6.14	(0.13)	-0.20	(0.28)
	Lithuania	1.56	(0.04)	2.01	(0.04)	-0.44	(0.06)	5.55	(0.08)	6.49	(0.07)	-0.94	(0.10)
	Macao-China	1.87	(0.04)	2.27	(0.04)	-0.40	(0.06)	8.38	(0.08)	8.98	(0.09)	-0.60	(0.12)
	Montenegro	2.02	(0.05)	2.05	(0.04)	-0.03	(0.06)	6.07	(0.10)	5.98	(0.09)	0.09	(0.13)
	Qatar	2.24	(0.04)	2.21	(0.03)	0.03	(0.05)	7.44	(0.09)	7.00	(0.08)	0.44	(0.13)
	Romania	2.08	(0.05)	2.24	(0.05)	-0.16	(0.07)	6.53	(0.15)	6.81	(0.13)	-0.28	(0.16)
Russian Federation	2.06	(0.06)	2.38	(0.05)	-0.31	(0.06)	6.70	(0.11)	7.26	(0.11)	-0.55	(0.10)	
Serbia	1.72	(0.04)	1.92	(0.04)	-0.20	(0.06)	5.96	(0.09)	6.16	(0.09)	-0.20	(0.11)	
Slovenia	1.74	(0.03)	2.10	(0.03)	-0.37	(0.04)	5.81	(0.08)	6.76	(0.06)	-0.95	(0.10)	
Chinese Taipei	1.85	(0.05)	1.90	(0.05)	-0.05	(0.06)	7.76	(0.13)	7.67	(0.16)	0.09	(0.18)	
Thailand	1.61	(0.05)	1.95	(0.03)	-0.34	(0.06)	6.14	(0.11)	6.76	(0.11)	-0.62	(0.18)	
Tunisia	2.48	(0.06)	2.65	(0.05)	-0.17	(0.07)	8.24	(0.14)	8.50	(0.14)	-0.27	(0.19)	
Uruguay	1.43	(0.04)	1.70	(0.04)	-0.27	(0.06)	5.50	(0.11)	5.97	(0.08)	-0.47	(0.13)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 3/3]
Table 3.6b Mean learning hours and allocation of total learning time in mathematics, by gender

		Allocation of total learning time in mathematics for																	
		Regular school lessons					Out-of-school-time lessons						Individual study						
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	65.5	(0.4)	66.1	(0.3)	-0.6	(0.5)	10.2	(0.3)	8.3	(0.2)	1.8	(0.3)	24.4	(0.3)	25.6	(0.3)	-1.2	(0.4)
	Austria	60.2	(0.6)	56.8	(0.6)	3.4	(0.7)	6.6	(0.3)	6.7	(0.4)	-0.1	(0.5)	33.2	(0.5)	36.6	(0.5)	-3.3	(0.6)
	Belgium	64.2	(0.4)	62.0	(0.4)	2.2	(0.5)	8.6	(0.3)	7.3	(0.3)	1.3	(0.3)	27.2	(0.3)	30.7	(0.4)	-3.5	(0.5)
	Canada	64.8	(0.4)	62.0	(0.4)	2.8	(0.5)	11.7	(0.2)	11.2	(0.3)	0.5	(0.3)	23.6	(0.3)	26.9	(0.3)	-3.3	(0.4)
	Czech Republic	71.3	(0.5)	69.1	(0.6)	2.2	(0.7)	9.9	(0.3)	9.7	(0.3)	0.3	(0.5)	18.8	(0.4)	21.2	(0.5)	-2.4	(0.6)
	Denmark	62.7	(0.4)	62.0	(0.4)	0.6	(0.5)	16.4	(0.3)	15.6	(0.3)	0.7	(0.4)	21.0	(0.2)	22.3	(0.3)	-1.3	(0.4)
	Finland	71.0	(0.5)	71.2	(0.4)	-0.2	(0.6)	7.0	(0.3)	4.9	(0.2)	2.1	(0.3)	22.0	(0.4)	23.9	(0.3)	-1.9	(0.4)
	France	64.3	(0.5)	61.0	(0.4)	3.3	(0.7)	12.6	(0.3)	12.7	(0.3)	-0.1	(0.5)	23.1	(0.5)	26.4	(0.3)	-3.3	(0.5)
	Germany	59.0	(0.5)	57.8	(0.4)	1.3	(0.6)	10.4	(0.4)	9.2	(0.3)	1.2	(0.5)	30.6	(0.4)	33.1	(0.3)	-2.5	(0.5)
	Greece	48.4	(0.7)	50.3	(0.6)	-1.9	(0.8)	25.7	(0.6)	26.2	(0.6)	-0.5	(0.7)	25.9	(0.5)	23.4	(0.4)	2.5	(0.6)
	Hungary	54.6	(0.6)	54.0	(0.5)	0.6	(0.7)	17.9	(0.4)	17.6	(0.4)	0.3	(0.5)	27.5	(0.4)	28.4	(0.4)	-0.9	(0.5)
	Iceland	70.0	(0.5)	68.8	(0.3)	1.2	(0.5)	8.4	(0.3)	8.5	(0.3)	-0.1	(0.4)	21.5	(0.3)	22.7	(0.3)	-1.1	(0.4)
	Ireland	63.7	(0.6)	63.6	(0.5)	0.1	(0.8)	10.2	(0.3)	8.7	(0.4)	1.5	(0.5)	26.1	(0.5)	27.7	(0.4)	-1.6	(0.7)
	Italy	55.2	(0.4)	54.9	(0.3)	0.3	(0.5)	11.8	(0.3)	9.7	(0.2)	2.1	(0.4)	33.0	(0.3)	35.4	(0.2)	-2.4	(0.4)
	Japan	72.2	(0.6)	71.2	(0.7)	1.1	(0.7)	9.2	(0.4)	8.1	(0.4)	1.2	(0.4)	18.5	(0.5)	20.7	(0.5)	-2.2	(0.5)
	Korea	57.0	(0.8)	57.0	(0.6)	0.0	(1.2)	21.2	(0.5)	20.6	(0.5)	0.6	(0.8)	21.8	(0.6)	22.4	(0.4)	-0.6	(0.7)
	Luxembourg	64.1	(0.5)	62.5	(0.4)	1.6	(0.6)	11.4	(0.4)	10.9	(0.3)	0.5	(0.5)	24.5	(0.4)	26.7	(0.4)	-2.2	(0.5)
	Mexico	54.1	(0.5)	54.8	(0.5)	-0.7	(0.6)	15.5	(0.4)	13.4	(0.4)	2.1	(0.4)	30.4	(0.4)	31.8	(0.4)	-1.4	(0.5)
	Netherlands	61.2	(0.6)	58.7	(0.5)	2.5	(0.7)	12.2	(0.4)	11.9	(0.4)	0.3	(0.5)	26.6	(0.4)	29.4	(0.5)	-2.8	(0.5)
	New Zealand	69.7	(0.6)	69.5	(0.5)	0.2	(0.7)	8.9	(0.4)	8.1	(0.3)	0.8	(0.4)	21.4	(0.4)	22.4	(0.4)	-1.0	(0.5)
	Norway	61.8	(0.6)	62.6	(0.6)	-0.8	(0.7)	17.1	(0.4)	14.7	(0.4)	2.4	(0.4)	21.1	(0.4)	22.7	(0.4)	-1.6	(0.6)
	Poland	62.9	(0.4)	62.1	(0.4)	0.8	(0.5)	11.2	(0.4)	9.0	(0.3)	2.2	(0.4)	25.9	(0.3)	28.9	(0.3)	-3.0	(0.5)
	Portugal	60.8	(0.5)	57.0	(0.6)	3.8	(0.7)	11.6	(0.4)	11.6	(0.4)	-0.1	(0.5)	27.6	(0.4)	31.4	(0.5)	-3.8	(0.6)
	Slovak Republic	63.6	(0.7)	57.5	(0.7)	6.0	(0.9)	11.3	(0.4)	13.9	(0.4)	-2.6	(0.5)	25.1	(0.5)	28.6	(0.5)	-3.5	(0.7)
	Spain	59.1	(0.4)	56.3	(0.4)	2.9	(0.5)	13.1	(0.3)	13.0	(0.4)	0.1	(0.4)	27.8	(0.4)	30.7	(0.4)	-2.9	(0.4)
	Sweden	69.1	(0.8)	67.1	(0.4)	2.0	(0.8)	10.1	(0.4)	9.7	(0.3)	0.4	(0.5)	20.8	(0.5)	23.2	(0.4)	-2.4	(0.5)
	Switzerland	63.1	(0.4)	64.1	(0.4)	-1.0	(0.5)	10.6	(0.4)	8.6	(0.3)	2.0	(0.4)	26.3	(0.3)	27.4	(0.3)	-1.1	(0.4)
	Turkey	52.4	(0.6)	48.8	(0.6)	3.6	(0.8)	21.9	(0.5)	23.6	(0.6)	-1.7	(0.8)	25.7	(0.4)	27.6	(0.4)	-1.9	(0.5)
United Kingdom	67.1	(0.4)	67.2	(0.4)	-0.1	(0.5)	9.6	(0.3)	8.2	(0.3)	1.4	(0.4)	23.3	(0.3)	24.6	(0.3)	-1.3	(0.3)	
United States	55.8	(0.6)	55.0	(0.5)	0.7	(0.6)	16.3	(0.6)	14.4	(0.4)	1.9	(0.5)	27.9	(0.4)	30.5	(0.3)	-2.6	(0.5)	
OECD average	62.3	(0.1)	61.0	(0.1)	1.3	(0.1)	12.6	(0.1)	11.9	(0.1)	0.8	(0.1)	25.1	(0.1)	27.1	(0.1)	-2.0	(0.1)	
Partners	Argentina	55.0	(0.9)	54.9	(0.8)	0.1	(1.2)	12.8	(0.6)	12.0	(0.6)	0.7	(0.7)	32.2	(0.8)	33.0	(0.7)	-0.8	(1.3)
	Azerbaijan	44.9	(0.7)	49.5	(0.8)	-4.7	(1.0)	21.0	(0.5)	16.0	(0.5)	5.0	(0.7)	34.1	(0.6)	34.4	(0.6)	-0.3	(0.7)
	Brazil	56.0	(0.7)	53.1	(0.6)	3.0	(0.8)	17.1	(0.6)	17.5	(0.4)	-0.5	(0.7)	26.9	(0.5)	29.4	(0.5)	-2.5	(0.6)
	Bulgaria	51.3	(0.9)	51.1	(0.6)	0.2	(1.0)	17.5	(0.8)	15.3	(0.4)	2.2	(0.8)	31.2	(0.6)	33.6	(0.5)	-2.3	(0.7)
	Chile	56.4	(0.6)	57.4	(0.7)	-1.0	(0.8)	15.1	(0.4)	15.1	(0.4)	-0.1	(0.5)	28.5	(0.4)	27.5	(0.6)	1.1	(0.7)
	Colombia	59.7	(0.7)	61.6	(0.7)	-1.9	(0.9)	14.9	(0.4)	13.7	(0.5)	1.2	(0.6)	25.4	(0.5)	24.7	(0.4)	0.7	(0.6)
	Croatia	59.4	(0.6)	57.3	(0.6)	2.1	(0.8)	11.9	(0.4)	11.1	(0.4)	0.8	(0.5)	28.7	(0.5)	31.6	(0.5)	-2.9	(0.6)
	Estonia	63.1	(0.6)	61.3	(0.5)	1.8	(0.7)	13.1	(0.5)	11.6	(0.4)	1.5	(0.7)	23.8	(0.4)	27.1	(0.4)	-3.3	(0.6)
	Hong Kong-China	62.5	(0.7)	62.6	(0.5)	-0.1	(0.8)	14.6	(0.4)	13.5	(0.4)	1.1	(0.5)	22.8	(0.4)	23.8	(0.4)	-1.0	(0.5)
	Indonesia	58.9	(0.7)	55.4	(0.7)	3.5	(0.9)	16.2	(0.6)	16.5	(0.5)	-0.3	(0.6)	24.9	(0.3)	28.1	(0.4)	-3.1	(0.5)
	Israel	49.6	(0.9)	53.1	(0.8)	-3.5	(1.2)	24.0	(0.5)	22.3	(0.4)	1.7	(0.7)	26.5	(0.6)	24.6	(0.6)	1.8	(0.8)
	Jordan	40.4	(0.8)	45.7	(0.7)	-5.3	(1.1)	25.5	(0.7)	19.5	(0.6)	5.9	(0.9)	34.2	(0.5)	34.8	(0.6)	-0.6	(0.8)
	Kyrgyzstan	41.9	(0.7)	42.1	(0.6)	-0.2	(0.7)	25.2	(0.7)	23.1	(0.6)	2.1	(0.7)	32.9	(0.6)	34.8	(0.5)	-1.9	(0.7)
	Latvia	58.8	(0.5)	57.8	(0.4)	1.0	(0.6)	13.9	(0.5)	12.8	(0.4)	1.2	(0.5)	27.3	(0.4)	29.5	(0.4)	-2.2	(0.6)
	Liechtenstein	65.9	(1.9)	67.4	(1.2)	-1.6	(2.1)	10.1	(1.1)	7.2	(0.7)	2.9	(1.4)	24.1	(1.5)	25.4	(1.1)	-1.3	(1.7)
	Lithuania	61.1	(0.5)	60.3	(0.5)	0.9	(0.7)	12.5	(0.4)	10.5	(0.4)	2.1	(0.4)	26.3	(0.4)	29.3	(0.4)	-3.0	(0.6)
	Macao-China	66.9	(0.5)	65.5	(0.5)	1.4	(0.7)	12.6	(0.4)	11.1	(0.4)	1.5	(0.6)	20.5	(0.4)	23.4	(0.4)	-2.9	(0.5)
	Montenegro	52.2	(0.5)	52.7	(0.6)	-0.5	(0.9)	14.0	(0.5)	12.9	(0.5)	1.1	(0.7)	33.8	(0.5)	34.4	(0.6)	-0.6	(0.8)
	Qatar	41.2	(0.5)	45.1	(0.4)	-3.9	(0.6)	27.8	(0.5)	22.8	(0.4)	5.1	(0.6)	31.0	(0.4)	32.1	(0.4)	-1.1	(0.5)
	Romania	49.3	(0.7)	49.7	(0.7)	-0.4	(0.7)	20.3	(0.5)	19.2	(0.4)	1.1	(0.6)	30.4	(0.5)	31.1	(0.5)	-0.7	(0.7)
	Russian Federation	54.1	(0.8)	53.8	(0.5)	0.2	(0.8)	16.6	(0.7)	14.9	(0.7)	1.7	(0.7)	29.3	(0.6)	31.3	(0.4)	-2.0	(0.6)
	Serbia	59.5	(0.6)	59.1	(0.5)	0.4	(0.7)	14.1	(0.4)	11.9	(0.4)	2.2	(0.5)	26.5	(0.5)	29.0	(0.4)	-2.6	(0.6)
	Slovenia	55.0	(0.6)	56.1	(0.4)	-1.1	(0.8)	15.2	(0.3)	13.5	(0.4)	1.7	(0.6)	29.7	(0.5)	30.4	(0.3)	-0.6	(0.6)
	Chinese Taipei	59.3	(0.5)	60.2	(0.5)	-0.9	(0.7)	17.6	(0.3)	16.1	(0.4)	1.6	(0.5)	23.1	(0.3)	23.7	(0.3)	-0.6	(0.5)
	Thailand	64.5	(0.8)	62.6	(0.4)	1.9	(0.8)	11.5	(0.5)	10.0	(0.4)	1.5	(0.6)	24.0	(0.5)	27.4	(0.3)	-3.4	(0.5)
	Tunisia	41.6	(0.5)	41.8	(0.6)	-0.2	(0.9)	27.9	(0.4)	26.3	(0.4)	1.6	(0.6)	30.5	(0.6)	31.8	(0.5)	-1.3	(0.9)
	Uruguay	60.7	(0.6)	60.9	(0.5)	-0.2	(0.8)	13.6	(0.5)	11.3	(0.4)	2.3	(0.7)	25.7	(0.5)	27.8	(0.4)	-2.1	(0.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6c Mean learning hours and allocation of total learning time on the language of instruction, by gender

		Mean learning hours per week											
		Regular school lessons					Out-of-school-time lessons						
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.96	(0.03)	4.17	(0.03)	-0.21	(0.04)	0.69	(0.02)	0.63	(0.02)	0.07	(0.03)
	Austria	2.77	(0.04)	2.97	(0.05)	-0.20	(0.06)	0.29	(0.02)	0.18	(0.02)	0.10	(0.03)
	Belgium	3.35	(0.04)	3.63	(0.04)	-0.28	(0.05)	0.48	(0.02)	0.43	(0.02)	0.04	(0.03)
	Canada	4.24	(0.04)	4.62	(0.05)	-0.38	(0.04)	0.78	(0.02)	0.95	(0.03)	-0.15	(0.03)
	Czech Republic	3.67	(0.04)	3.79	(0.06)	-0.12	(0.07)	0.55	(0.02)	0.69	(0.02)	-0.15	(0.03)
	Denmark	5.39	(0.04)	5.61	(0.04)	-0.22	(0.05)	1.52	(0.04)	1.85	(0.04)	-0.34	(0.05)
	Finland	2.98	(0.05)	3.28	(0.05)	-0.30	(0.04)	0.36	(0.02)	0.36	(0.02)	0.00	(0.03)
	France	3.91	(0.04)	4.11	(0.04)	-0.19	(0.05)	0.70	(0.03)	0.83	(0.03)	-0.13	(0.04)
	Germany	3.50	(0.04)	3.82	(0.04)	-0.32	(0.05)	0.65	(0.03)	0.57	(0.03)	0.07	(0.04)
	Greece	2.74	(0.06)	3.60	(0.04)	-0.86	(0.07)	1.42	(0.04)	1.83	(0.04)	-0.42	(0.05)
	Hungary	2.91	(0.05)	3.48	(0.05)	-0.57	(0.06)	1.15	(0.03)	1.48	(0.04)	-0.35	(0.05)
	Iceland	4.37	(0.04)	4.68	(0.03)	-0.31	(0.06)	0.53	(0.03)	0.40	(0.02)	0.14	(0.03)
	Ireland	3.47	(0.04)	3.62	(0.04)	-0.15	(0.05)	0.69	(0.03)	0.58	(0.03)	0.10	(0.04)
	Italy	4.36	(0.04)	4.87	(0.04)	-0.51	(0.05)	0.82	(0.03)	0.77	(0.02)	0.03	(0.04)
	Japan	3.73	(0.06)	3.90	(0.05)	-0.17	(0.08)	0.47	(0.02)	0.38	(0.02)	0.08	(0.03)
	Korea	4.43	(0.06)	4.52	(0.06)	-0.09	(0.09)	1.49	(0.06)	1.40	(0.05)	0.07	(0.08)
	Luxembourg	3.32	(0.04)	3.69	(0.03)	-0.37	(0.04)	0.64	(0.03)	0.55	(0.02)	0.09	(0.04)
	Mexico	3.67	(0.05)	3.79	(0.04)	-0.11	(0.06)	1.15	(0.03)	1.06	(0.04)	0.09	(0.04)
	Netherlands	2.83	(0.03)	3.01	(0.03)	-0.18	(0.04)	0.65	(0.02)	0.64	(0.03)	0.02	(0.04)
	New Zealand	4.27	(0.04)	4.50	(0.04)	-0.23	(0.05)	0.67	(0.05)	0.64	(0.02)	0.00	(0.04)
Norway	3.46	(0.05)	3.74	(0.05)	-0.28	(0.05)	1.11	(0.03)	1.20	(0.03)	-0.09	(0.05)	
Poland	4.35	(0.05)	4.92	(0.03)	-0.57	(0.05)	0.69	(0.03)	0.72	(0.03)	-0.03	(0.03)	
Portugal	3.16	(0.04)	3.36	(0.03)	-0.20	(0.04)	0.56	(0.02)	0.57	(0.03)	-0.03	(0.03)	
Slovak Republic	3.07	(0.06)	3.17	(0.06)	-0.10	(0.06)	0.70	(0.03)	1.08	(0.04)	-0.36	(0.04)	
Spain	3.46	(0.04)	3.75	(0.03)	-0.29	(0.04)	0.63	(0.03)	0.53	(0.02)	0.09	(0.04)	
Sweden	3.07	(0.04)	3.16	(0.03)	-0.09	(0.04)	0.64	(0.03)	0.72	(0.03)	-0.09	(0.04)	
Switzerland	3.50	(0.05)	3.81	(0.04)	-0.31	(0.05)	0.51	(0.02)	0.46	(0.02)	0.06	(0.03)	
Turkey	3.81	(0.07)	4.20	(0.08)	-0.39	(0.09)	1.64	(0.05)	2.02	(0.06)	-0.30	(0.06)	
United Kingdom	3.87	(0.04)	3.92	(0.05)	-0.05	(0.04)	0.62	(0.02)	0.57	(0.02)	0.04	(0.03)	
United States	3.47	(0.06)	3.80	(0.05)	-0.33	(0.07)	1.01	(0.04)	1.22	(0.03)	-0.19	(0.05)	
OECD average	3.64	(0.01)	3.92	(0.01)	-0.28	(0.01)	0.79	(0.01)	0.84	(0.01)	-0.05	(0.01)	
Partners	Argentina	2.22	(0.05)	2.54	(0.07)	-0.32	(0.08)	0.50	(0.03)	0.36	(0.03)	0.14	(0.03)
	Azerbaijan	3.59	(0.05)	3.79	(0.06)	-0.20	(0.07)	1.89	(0.06)	1.70	(0.06)	0.15	(0.07)
	Brazil	3.08	(0.05)	3.12	(0.04)	-0.04	(0.05)	1.08	(0.03)	1.26	(0.03)	-0.17	(0.05)
	Bulgaria	2.67	(0.05)	3.16	(0.06)	-0.49	(0.08)	1.07	(0.04)	1.11	(0.05)	-0.05	(0.06)
	Chile	3.38	(0.07)	3.52	(0.09)	-0.15	(0.10)	0.94	(0.04)	1.06	(0.04)	-0.11	(0.04)
	Colombia	3.83	(0.06)	3.99	(0.06)	-0.16	(0.07)	1.11	(0.04)	1.18	(0.04)	-0.08	(0.06)
	Croatia	3.14	(0.04)	3.51	(0.05)	-0.37	(0.06)	0.43	(0.03)	0.35	(0.02)	0.09	(0.03)
	Estonia	3.24	(0.05)	3.73	(0.04)	-0.49	(0.05)	0.87	(0.04)	0.91	(0.04)	-0.04	(0.05)
	Hong Kong-China	5.08	(0.06)	5.29	(0.05)	-0.21	(0.07)	0.87	(0.04)	0.75	(0.04)	0.10	(0.06)
	Indonesia	3.57	(0.07)	3.71	(0.07)	-0.15	(0.09)	1.26	(0.06)	1.25	(0.05)	-0.04	(0.06)
	Israel	2.77	(0.06)	3.26	(0.06)	-0.49	(0.08)	1.31	(0.05)	1.36	(0.04)	-0.03	(0.06)
	Jordan	3.16	(0.08)	3.94	(0.06)	-0.77	(0.10)	1.87	(0.06)	1.68	(0.06)	0.21	(0.09)
	Kyrgyzstan	2.36	(0.06)	3.05	(0.07)	-0.69	(0.07)	1.50	(0.04)	1.87	(0.05)	-0.38	(0.06)
	Latvia	3.59	(0.05)	3.80	(0.04)	-0.21	(0.05)	0.92	(0.04)	0.83	(0.04)	0.10	(0.04)
	Liechtenstein	3.45	(0.15)	3.85	(0.10)	-0.40	(0.18)	0.36	(0.07)	0.29	(0.04)	0.13	(0.08)
	Lithuania	3.33	(0.05)	3.99	(0.05)	-0.66	(0.06)	0.67	(0.03)	0.64	(0.03)	0.01	(0.03)
	Macao-China	5.15	(0.04)	5.49	(0.04)	-0.34	(0.06)	1.09	(0.04)	1.02	(0.04)	0.07	(0.06)
	Montenegro	2.75	(0.05)	3.12	(0.05)	-0.36	(0.07)	0.73	(0.03)	0.76	(0.03)	-0.04	(0.05)
	Qatar	2.95	(0.04)	2.85	(0.04)	0.10	(0.06)	1.76	(0.04)	1.42	(0.03)	0.37	(0.05)
	Romania	3.05	(0.06)	3.54	(0.07)	-0.50	(0.07)	1.34	(0.05)	1.69	(0.04)	-0.33	(0.07)
Russian Federation	2.07	(0.04)	2.02	(0.04)	0.04	(0.04)	0.81	(0.03)	0.83	(0.03)	-0.01	(0.03)	
Serbia	3.02	(0.04)	3.34	(0.04)	-0.32	(0.04)	0.94	(0.03)	0.92	(0.03)	-0.02	(0.04)	
Slovenia	2.93	(0.04)	3.55	(0.04)	-0.62	(0.06)	0.76	(0.02)	0.71	(0.02)	0.05	(0.04)	
Chinese Taipei	4.29	(0.06)	4.45	(0.07)	-0.16	(0.08)	0.65	(0.03)	0.74	(0.03)	-0.11	(0.04)	
Thailand	3.07	(0.05)	3.13	(0.03)	-0.06	(0.07)	0.71	(0.04)	0.45	(0.02)	0.25	(0.04)	
Tunisia	2.78	(0.07)	3.46	(0.06)	-0.68	(0.08)	1.66	(0.05)	1.89	(0.06)	-0.22	(0.07)	
Uruguay	2.48	(0.04)	2.98	(0.04)	-0.51	(0.05)	0.63	(0.04)	0.66	(0.03)	-0.04	(0.04)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.6c Mean learning hours and allocation of total learning time on the language of instruction, by gender
[Part 2/3]

	Mean learning hours per week												
	Individual study						Total learning hours						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.59	(0.03)	1.83	(0.02)	-0.24	(0.04)	6.24	(0.06)	6.63	(0.06)	-0.39	(0.09)
	Austria	1.45	(0.04)	1.65	(0.05)	-0.20	(0.05)	4.53	(0.08)	4.79	(0.09)	-0.27	(0.11)
	Belgium	1.23	(0.02)	1.48	(0.02)	-0.26	(0.03)	5.07	(0.06)	5.54	(0.05)	-0.47	(0.07)
	Canada	1.47	(0.03)	2.01	(0.03)	-0.54	(0.04)	6.53	(0.07)	7.58	(0.08)	-1.05	(0.08)
	Czech Republic	1.06	(0.03)	1.29	(0.04)	-0.22	(0.05)	5.28	(0.05)	5.77	(0.08)	-0.49	(0.10)
	Denmark	1.94	(0.03)	2.39	(0.04)	-0.45	(0.05)	8.83	(0.08)	9.85	(0.09)	-1.02	(0.10)
	Finland	0.95	(0.02)	1.32	(0.03)	-0.37	(0.03)	4.29	(0.07)	4.96	(0.08)	-0.66	(0.06)
	France	1.26	(0.03)	1.75	(0.03)	-0.50	(0.04)	5.88	(0.07)	6.70	(0.06)	-0.82	(0.09)
	Germany	1.74	(0.03)	2.05	(0.04)	-0.31	(0.04)	5.92	(0.07)	6.43	(0.08)	-0.51	(0.09)
	Greece	1.64	(0.04)	2.24	(0.04)	-0.59	(0.05)	5.82	(0.10)	7.67	(0.09)	-1.85	(0.13)
	Hungary	1.61	(0.03)	2.13	(0.04)	-0.53	(0.05)	5.69	(0.10)	7.08	(0.11)	-1.39	(0.13)
	Iceland	1.43	(0.03)	1.65	(0.02)	-0.22	(0.04)	6.33	(0.06)	6.73	(0.05)	-0.40	(0.08)
	Ireland	1.61	(0.04)	1.89	(0.04)	-0.28	(0.05)	5.78	(0.08)	6.10	(0.08)	-0.32	(0.10)
	Italy	2.57	(0.04)	3.33	(0.05)	-0.76	(0.05)	7.77	(0.08)	8.96	(0.08)	-1.19	(0.09)
	Japan	0.91	(0.04)	0.97	(0.04)	-0.06	(0.04)	5.12	(0.09)	5.26	(0.10)	-0.14	(0.12)
	Korea	1.37	(0.04)	1.44	(0.04)	-0.07	(0.05)	7.32	(0.13)	7.36	(0.13)	-0.04	(0.18)
	Luxembourg	1.28	(0.03)	1.49	(0.03)	-0.21	(0.04)	5.25	(0.06)	5.71	(0.05)	-0.46	(0.07)
	Mexico	1.96	(0.04)	2.14	(0.03)	-0.18	(0.04)	6.76	(0.10)	6.97	(0.08)	-0.21	(0.10)
	Netherlands	1.25	(0.03)	1.41	(0.03)	-0.16	(0.04)	4.73	(0.06)	5.04	(0.06)	-0.31	(0.07)
	New Zealand	1.42	(0.05)	1.72	(0.03)	-0.30	(0.06)	6.38	(0.11)	6.85	(0.06)	-0.47	(0.13)
	Norway	1.29	(0.03)	1.60	(0.04)	-0.31	(0.05)	5.84	(0.08)	6.55	(0.09)	-0.72	(0.11)
	Poland	1.83	(0.04)	2.61	(0.03)	-0.78	(0.05)	6.86	(0.08)	8.24	(0.06)	-1.38	(0.09)
	Portugal	1.54	(0.03)	2.02	(0.04)	-0.48	(0.05)	5.28	(0.07)	5.95	(0.07)	-0.67	(0.09)
	Slovak Republic	1.48	(0.03)	2.02	(0.05)	-0.54	(0.05)	5.26	(0.08)	6.26	(0.11)	-1.00	(0.10)
	Spain	1.64	(0.04)	2.14	(0.04)	-0.50	(0.04)	5.77	(0.08)	6.43	(0.06)	-0.67	(0.09)
	Sweden	1.14	(0.03)	1.39	(0.03)	-0.25	(0.04)	4.84	(0.07)	5.28	(0.07)	-0.43	(0.08)
	Switzerland	1.32	(0.02)	1.48	(0.02)	-0.16	(0.03)	5.35	(0.07)	5.75	(0.06)	-0.41	(0.08)
	Turkey	1.94	(0.04)	2.45	(0.07)	-0.51	(0.07)	7.37	(0.12)	8.66	(0.17)	-1.28	(0.17)
	United Kingdom	1.47	(0.03)	1.70	(0.03)	-0.22	(0.04)	5.96	(0.07)	6.19	(0.08)	-0.23	(0.09)
	United States	1.60	(0.04)	2.14	(0.04)	-0.54	(0.05)	6.14	(0.09)	7.16	(0.09)	-1.02	(0.12)
	OECD average	1.50	(0.01)	1.86	(0.01)	-0.36	(0.01)	5.94	(0.01)	6.62	(0.02)	-0.68	(0.02)
Partners	Argentina	1.47	(0.05)	1.78	(0.05)	-0.32	(0.07)	4.18	(0.11)	4.68	(0.10)	-0.50	(0.13)
	Azerbaijan	2.94	(0.05)	3.28	(0.07)	-0.34	(0.08)	8.48	(0.12)	8.84	(0.15)	-0.36	(0.14)
	Brazil	1.61	(0.04)	1.86	(0.03)	-0.25	(0.05)	5.76	(0.09)	6.22	(0.08)	-0.46	(0.10)
	Bulgaria	1.79	(0.06)	2.33	(0.07)	-0.53	(0.07)	5.56	(0.10)	6.61	(0.15)	-1.05	(0.16)
	Chile	1.47	(0.03)	1.68	(0.05)	-0.21	(0.05)	5.83	(0.09)	6.26	(0.14)	-0.43	(0.16)
	Colombia	1.69	(0.04)	1.96	(0.06)	-0.27	(0.08)	6.65	(0.08)	7.15	(0.12)	-0.50	(0.13)
	Croatia	1.38	(0.03)	1.77	(0.04)	-0.39	(0.04)	4.99	(0.07)	5.64	(0.08)	-0.65	(0.10)
	Estonia	1.45	(0.04)	1.80	(0.04)	-0.35	(0.05)	5.57	(0.08)	6.43	(0.08)	-0.87	(0.10)
	Hong Kong-China	1.52	(0.05)	1.76	(0.04)	-0.25	(0.06)	7.47	(0.10)	7.80	(0.10)	-0.33	(0.12)
	Indonesia	1.68	(0.05)	1.93	(0.03)	-0.25	(0.06)	6.49	(0.14)	6.89	(0.10)	-0.40	(0.17)
	Israel	1.59	(0.06)	1.72	(0.05)	-0.14	(0.08)	5.73	(0.14)	6.32	(0.11)	-0.60	(0.18)
	Jordan	2.45	(0.06)	2.72	(0.06)	-0.28	(0.08)	7.48	(0.14)	8.32	(0.11)	-0.84	(0.18)
	Kyrgyzstan	1.94	(0.04)	2.67	(0.06)	-0.74	(0.07)	5.93	(0.10)	7.61	(0.13)	-1.68	(0.14)
	Latvia	1.86	(0.04)	2.15	(0.04)	-0.29	(0.04)	6.37	(0.09)	6.78	(0.08)	-0.41	(0.09)
	Liechtenstein	1.15	(0.09)	1.31	(0.08)	-0.17	(0.13)	4.97	(0.18)	5.42	(0.14)	-0.44	(0.24)
	Lithuania	1.57	(0.04)	2.07	(0.04)	-0.50	(0.05)	5.57	(0.08)	6.71	(0.08)	-1.14	(0.11)
	Macao-China	1.41	(0.04)	1.57	(0.04)	-0.16	(0.05)	7.65	(0.08)	8.08	(0.08)	-0.43	(0.11)
	Montenegro	1.79	(0.05)	2.19	(0.05)	-0.40	(0.07)	5.27	(0.10)	6.06	(0.10)	-0.79	(0.15)
	Qatar	2.06	(0.04)	2.02	(0.03)	0.04	(0.04)	6.77	(0.09)	6.28	(0.07)	0.48	(0.11)
	Romania	1.87	(0.04)	2.51	(0.06)	-0.64	(0.08)	6.29	(0.12)	7.73	(0.12)	-1.44	(0.16)
	Russian Federation	1.48	(0.05)	1.62	(0.03)	-0.14	(0.04)	4.33	(0.08)	4.45	(0.08)	-0.12	(0.07)
	Serbia	1.51	(0.04)	1.89	(0.04)	-0.38	(0.05)	5.46	(0.07)	6.13	(0.09)	-0.67	(0.10)
	Slovenia	1.35	(0.03)	1.60	(0.03)	-0.24	(0.04)	5.07	(0.06)	5.86	(0.06)	-0.79	(0.08)
	Chinese Taipei	1.60	(0.03)	1.95	(0.04)	-0.34	(0.04)	6.60	(0.08)	7.16	(0.10)	-0.56	(0.10)
	Thailand	1.59	(0.05)	1.79	(0.04)	-0.21	(0.05)	5.35	(0.10)	5.37	(0.07)	-0.02	(0.13)
	Tunisia	1.95	(0.05)	2.27	(0.06)	-0.33	(0.07)	6.42	(0.13)	7.62	(0.15)	-1.20	(0.19)
	Uruguay	1.14	(0.03)	1.55	(0.03)	-0.41	(0.04)	4.27	(0.09)	5.20	(0.07)	-0.93	(0.10)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6c Mean learning hours and allocation of total learning time on the language of instruction, by gender

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.5	(0.4)	66.6	(0.3)	1.0	(0.4)	9.0	(0.2)	7.6	(0.2)	1.8	(0.3)	23.4	(0.3)	25.9	(0.2)	-2.4	(0.4)
	Austria	65.4	(0.6)	65.6	(0.6)	-0.1	(0.8)	4.3	(0.4)	2.4	(0.2)	-0.1	(0.5)	30.3	(0.5)	32.0	(0.5)	-1.7	(0.7)
	Belgium	67.6	(0.4)	66.9	(0.4)	0.7	(0.6)	7.8	(0.3)	6.3	(0.2)	1.3	(0.3)	24.6	(0.3)	26.8	(0.3)	-2.2	(0.4)
	Canada	67.3	(0.4)	64.0	(0.4)	3.3	(0.5)	10.8	(0.2)	10.8	(0.3)	0.5	(0.3)	21.9	(0.3)	25.2	(0.3)	-3.3	(0.4)
	Czech Republic	73.4	(0.5)	69.3	(0.6)	4.1	(0.8)	8.3	(0.3)	9.8	(0.3)	0.3	(0.5)	18.3	(0.4)	20.9	(0.5)	-2.6	(0.6)
	Denmark	63.9	(0.4)	60.4	(0.4)	3.5	(0.5)	15.3	(0.3)	16.6	(0.3)	0.7	(0.4)	20.8	(0.2)	23.0	(0.3)	-2.2	(0.4)
	Finland	72.4	(0.5)	69.0	(0.5)	3.4	(0.6)	6.6	(0.3)	5.8	(0.3)	2.1	(0.3)	20.9	(0.4)	25.2	(0.4)	-4.3	(0.5)
	France	69.5	(0.5)	64.6	(0.4)	5.0	(0.6)	10.5	(0.3)	10.9	(0.3)	-0.1	(0.5)	20.0	(0.4)	24.5	(0.3)	-4.6	(0.5)
	Germany	62.3	(0.5)	62.3	(0.4)	-0.0	(0.6)	8.7	(0.4)	7.1	(0.3)	1.2	(0.5)	29.0	(0.4)	30.6	(0.4)	-1.6	(0.5)
	Greece	50.9	(0.9)	51.0	(0.5)	-0.1	(0.9)	22.1	(0.5)	21.1	(0.4)	-0.5	(0.7)	27.0	(0.6)	27.9	(0.4)	-0.9	(0.7)
	Hungary	53.9	(0.6)	52.5	(0.5)	1.4	(0.7)	18.2	(0.4)	18.3	(0.4)	0.3	(0.5)	27.9	(0.4)	29.2	(0.3)	-1.3	(0.5)
	Iceland	71.8	(0.5)	71.8	(0.4)	0.1	(0.6)	6.9	(0.3)	5.1	(0.3)	-0.1	(0.4)	21.3	(0.3)	23.1	(0.3)	-1.8	(0.4)
	Ireland	64.5	(0.6)	64.0	(0.6)	0.6	(0.8)	9.2	(0.4)	7.2	(0.3)	1.5	(0.5)	26.3	(0.4)	28.8	(0.5)	-2.5	(0.6)
	Italy	57.6	(0.4)	56.8	(0.3)	0.9	(0.5)	9.5	(0.3)	7.1	(0.2)	2.1	(0.4)	32.8	(0.3)	36.1	(0.2)	-3.3	(0.4)
	Japan	77.8	(0.6)	78.5	(0.6)	-0.7	(0.6)	7.1	(0.3)	5.5	(0.3)	1.2	(0.4)	15.1	(0.5)	16.0	(0.5)	-0.8	(0.5)
	Korea	66.0	(0.7)	66.7	(0.6)	-0.7	(0.9)	17.3	(0.6)	15.6	(0.5)	0.6	(0.8)	16.7	(0.3)	17.7	(0.3)	-1.0	(0.4)
	Luxembourg	67.4	(0.5)	67.2	(0.4)	0.1	(0.6)	9.7	(0.4)	8.0	(0.3)	0.5	(0.5)	22.9	(0.4)	24.8	(0.3)	-1.9	(0.5)
	Mexico	54.9	(0.5)	55.2	(0.5)	-0.3	(0.6)	15.7	(0.4)	13.6	(0.4)	2.1	(0.4)	29.4	(0.4)	31.2	(0.3)	-1.8	(0.4)
	Netherlands	63.4	(0.6)	62.7	(0.5)	0.7	(0.7)	11.3	(0.3)	10.3	(0.4)	0.3	(0.5)	25.3	(0.4)	27.0	(0.4)	-1.6	(0.5)
	New Zealand	71.2	(0.7)	69.2	(0.4)	2.0	(0.7)	8.4	(0.4)	7.6	(0.3)	0.8	(0.4)	20.3	(0.4)	23.2	(0.3)	-2.9	(0.5)
Norway	63.1	(0.6)	61.2	(0.6)	1.9	(0.8)	16.9	(0.4)	16.0	(0.4)	2.4	(0.4)	20.0	(0.4)	22.8	(0.5)	-2.7	(0.5)	
Poland	65.0	(0.5)	62.1	(0.3)	2.9	(0.5)	9.3	(0.4)	7.8	(0.3)	2.2	(0.4)	25.7	(0.4)	30.2	(0.3)	-4.5	(0.4)	
Portugal	62.7	(0.5)	59.4	(0.6)	3.3	(0.7)	9.3	(0.4)	8.1	(0.4)	-0.1	(0.5)	27.9	(0.4)	32.5	(0.5)	-4.6	(0.6)	
Slovak Republic	63.2	(0.7)	54.5	(0.7)	8.7	(1.0)	10.8	(0.4)	14.6	(0.4)	-2.6	(0.5)	25.9	(0.6)	30.8	(0.7)	-4.9	(0.8)	
Spain	63.6	(0.5)	61.7	(0.4)	1.9	(0.5)	9.5	(0.3)	6.8	(0.3)	0.1	(0.4)	26.9	(0.3)	31.5	(0.4)	-4.5	(0.4)	
Sweden	68.0	(0.8)	65.4	(0.4)	2.6	(0.8)	10.1	(0.4)	10.4	(0.3)	0.4	(0.5)	21.9	(0.6)	24.2	(0.4)	-2.3	(0.5)	
Switzerland	67.0	(0.4)	68.0	(0.5)	-1.0	(0.5)	7.9	(0.3)	6.2	(0.3)	2.0	(0.4)	25.0	(0.3)	25.8	(0.3)	-0.8	(0.4)	
Turkey	56.0	(0.7)	53.2	(0.8)	2.8	(0.8)	19.5	(0.5)	20.2	(0.5)	-1.7	(0.8)	24.5	(0.4)	26.6	(0.5)	-2.1	(0.6)	
United Kingdom	68.5	(0.4)	66.7	(0.4)	1.9	(0.5)	8.3	(0.3)	7.4	(0.2)	1.4	(0.4)	23.2	(0.3)	26.0	(0.3)	-2.8	(0.4)	
United States	57.5	(0.8)	54.2	(0.5)	3.3	(0.7)	15.9	(0.6)	16.0	(0.4)	1.9	(0.5)	26.5	(0.4)	29.8	(0.4)	-3.2	(0.5)	
OECD average	64.8	(0.1)	63.0	(0.1)	1.8	(0.1)	64.8	(0.1)	63.0	(0.1)	1.8	(0.1)	24.1	(0.1)	26.6	(0.1)	-2.6	(0.1)	
Partners	Argentina	55.3	(1.0)	55.1	(0.7)	0.2	(1.2)	9.8	(0.6)	6.5	(0.5)	0.7	(0.7)	34.9	(0.8)	38.3	(0.7)	-3.4	(1.2)
	Azerbaijan	44.2	(0.7)	45.6	(0.8)	-1.4	(0.8)	21.4	(0.6)	17.1	(0.5)	5.0	(0.7)	34.4	(0.5)	37.3	(0.6)	-2.9	(0.7)
	Brazil	56.4	(0.6)	52.8	(0.5)	3.6	(0.7)	17.0	(0.5)	18.4	(0.5)	-0.5	(0.7)	26.7	(0.4)	28.9	(0.5)	-2.2	(0.6)
	Bulgaria	52.0	(0.8)	51.6	(0.6)	0.5	(1.0)	16.6	(0.6)	14.3	(0.5)	2.2	(0.8)	31.4	(0.6)	34.1	(0.5)	-2.7	(0.7)
	Chile	58.1	(0.7)	56.6	(0.9)	1.5	(0.9)	14.9	(0.5)	15.6	(0.6)	-0.1	(0.5)	27.1	(0.4)	27.8	(0.5)	-0.7	(0.6)
	Colombia	60.2	(1.0)	60.3	(0.7)	-0.1	(1.2)	15.0	(0.7)	14.0	(0.4)	1.2	(0.6)	24.8	(0.6)	25.7	(0.5)	-1.0	(0.7)
	Croatia	67.6	(0.6)	66.0	(0.5)	1.6	(0.7)	6.9	(0.4)	4.9	(0.3)	0.8	(0.5)	25.5	(0.4)	29.1	(0.4)	-3.5	(0.5)
	Estonia	62.1	(0.7)	61.5	(0.5)	0.6	(0.8)	13.8	(0.6)	12.4	(0.5)	1.5	(0.7)	24.2	(0.4)	26.2	(0.4)	-2.0	(0.6)
	Hong Kong-China	71.2	(0.7)	70.7	(0.5)	0.6	(0.8)	10.0	(0.4)	8.2	(0.3)	1.1	(0.5)	18.8	(0.5)	21.1	(0.3)	-2.3	(0.5)
	Indonesia	56.8	(0.8)	55.6	(0.7)	1.2	(0.8)	17.3	(0.7)	16.0	(0.7)	-0.3	(0.6)	25.9	(0.5)	28.3	(0.5)	-2.4	(0.6)
	Israel	52.3	(0.8)	55.6	(0.7)	-3.3	(1.1)	20.8	(0.6)	18.9	(0.5)	1.7	(0.7)	26.9	(0.6)	25.5	(0.6)	1.4	(0.9)
	Jordan	40.6	(1.0)	47.4	(0.7)	-6.8	(1.2)	25.6	(0.6)	19.1	(0.6)	5.9	(0.9)	33.8	(0.6)	33.5	(0.5)	0.3	(0.8)
	Kyrgyzstan	39.5	(0.7)	40.1	(0.6)	-0.6	(0.9)	27.1	(0.7)	25.3	(0.5)	2.1	(0.7)	33.4	(0.6)	34.5	(0.5)	-1.1	(0.8)
	Latvia	59.8	(0.5)	58.7	(0.5)	1.1	(0.6)	12.3	(0.5)	10.6	(0.4)	1.2	(0.5)	27.9	(0.4)	30.7	(0.4)	-2.7	(0.4)
	Liechtenstein	67.5	(2.3)	71.7	(1.1)	-4.2	(2.6)	7.0	(1.2)	4.4	(0.6)	2.9	(1.4)	25.5	(1.8)	23.9	(1.0)	1.6	(2.0)
	Lithuania	62.4	(0.7)	62.2	(0.5)	0.2	(0.8)	11.1	(0.4)	8.6	(0.3)	2.1	(0.4)	26.5	(0.5)	29.2	(0.4)	-2.7	(0.6)
	Macao-China	71.3	(0.5)	71.5	(0.5)	-0.3	(0.7)	12.0	(0.3)	10.3	(0.4)	1.5	(0.6)	16.8	(0.4)	18.2	(0.3)	-1.4	(0.5)
	Montenegro	53.0	(0.6)	52.9	(0.6)	0.1	(1.0)	12.1	(0.4)	10.9	(0.4)	1.1	(0.7)	34.9	(0.6)	36.2	(0.6)	-1.3	(0.9)
	Qatar	43.0	(0.4)	46.2	(0.5)	-3.2	(0.7)	26.0	(0.4)	21.5	(0.4)	5.1	(0.6)	30.9	(0.4)	32.3	(0.4)	-1.4	(0.6)
	Romania	51.6	(0.8)	49.7	(0.7)	1.9	(0.9)	19.7	(0.6)	19.7	(0.5)	1.1	(0.6)	28.6	(0.5)	30.6	(0.5)	-1.9	(0.8)
Russian Federation	49.5	(0.8)	47.1	(0.6)	2.5	(0.8)	16.6	(0.6)	16.2	(0.7)	1.7	(0.7)	33.9	(0.6)	36.7	(0.5)	-2.8	(0.5)	
Serbia	60.5	(0.7)	59.9	(0.5)	0.6	(0.7)	14.2	(0.5)	11.6	(0.4)	2.2	(0.5)	25.4	(0.5)	28.5	(0.4)	-3.1	(0.6)	
Slovenia	59.5	(0.6)	62.2	(0.5)	-2.7	(0.8)	13.4	(0.4)	10.9	(0.3)	1.7	(0.6)	27.2	(0.4)	27.0	(0.4)	0.2	(0.6)	
Chinese Taipei	67.4	(0.5)	64.7	(0.4)	2.7	(0.6)	9.1	(0.3)	8.8	(0.3)	1.6	(0.5)	23.5	(0.4)	26.5	(0.3)	-3.0	(0.5)	
Thailand	63.0	(0.7)	62.1	(0.4)	0.9	(0.8)	9.2	(0.4)	6.0	(0.3)	1.5	(0.6)	27.7	(0.6)	31.9	(0.3)	-4.1	(0.6)	
Tunisia	44.0	(0.9)	47.0	(0.7)	-3.0	(0.9)	24.8	(0.6)	22.6	(0.6)	1.6	(0.6)	31.2	(0.6)	30.4	(0.5)	0.8	(0.7)	
Uruguay	61.2	(0.7)	60.5	(0.6)	0.6	(0.9)	12.3	(0.6)	10.4	(0.5)	2.3	(0.7)	26.5	(0.5)	29.1	(0.4)	-2.6	(0.7)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.6d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	11.21	(0.10)	11.60	(0.10)	-0.39	(0.13)	1.92	(0.05)	1.60	(0.04)	0.33	(0.07)
	Austria	8.47	(0.13)	8.65	(0.10)	-0.18	(0.15)	1.04	(0.06)	0.84	(0.05)	0.20	(0.07)
	Belgium	9.41	(0.13)	10.01	(0.11)	-0.59	(0.14)	1.41	(0.05)	1.21	(0.04)	0.20	(0.06)
	Canada	12.41	(0.12)	13.44	(0.13)	-1.04	(0.13)	2.23	(0.06)	2.47	(0.06)	-0.23	(0.08)
	Czech Republic	10.43	(0.12)	10.92	(0.18)	-0.49	(0.21)	1.81	(0.06)	2.00	(0.06)	-0.20	(0.08)
	Denmark	12.92	(0.10)	13.39	(0.09)	-0.47	(0.11)	3.70	(0.08)	3.97	(0.08)	-0.27	(0.11)
	Finland	9.21	(0.11)	10.19	(0.13)	-0.99	(0.11)	1.15	(0.05)	0.97	(0.04)	0.18	(0.06)
	France	10.46	(0.13)	10.95	(0.12)	-0.49	(0.15)	2.12	(0.06)	2.36	(0.06)	-0.23	(0.09)
	Germany	10.20	(0.10)	11.03	(0.10)	-0.83	(0.12)	2.02	(0.08)	1.82	(0.06)	0.19	(0.08)
	Greece	9.10	(0.17)	10.53	(0.12)	-1.43	(0.18)	5.62	(0.13)	6.07	(0.12)	-0.45	(0.14)
	Hungary	8.50	(0.12)	9.52	(0.12)	-1.02	(0.14)	3.39	(0.06)	3.80	(0.10)	-0.41	(0.10)
	Iceland	11.84	(0.10)	12.64	(0.08)	-0.79	(0.13)	1.53	(0.06)	1.40	(0.05)	0.13	(0.08)
	Ireland	9.63	(0.11)	9.86	(0.11)	-0.23	(0.13)	1.78	(0.07)	1.53	(0.06)	0.26	(0.09)
	Italy	11.09	(0.10)	11.45	(0.11)	-0.36	(0.12)	2.41	(0.06)	2.09	(0.05)	0.31	(0.08)
	Japan	10.71	(0.17)	10.80	(0.20)	-0.09	(0.25)	1.56	(0.06)	1.24	(0.07)	0.32	(0.07)
	Korea	12.67	(0.16)	12.84	(0.17)	-0.17	(0.24)	4.89	(0.15)	4.59	(0.14)	0.30	(0.24)
	Luxembourg	9.26	(0.09)	10.17	(0.07)	-0.91	(0.12)	2.04	(0.06)	1.82	(0.05)	0.22	(0.08)
	Mexico	10.76	(0.14)	10.91	(0.12)	-0.15	(0.17)	3.47	(0.09)	3.10	(0.10)	0.37	(0.10)
	Netherlands	7.93	(0.10)	8.01	(0.08)	-0.08	(0.12)	1.97	(0.06)	1.78	(0.06)	0.19	(0.07)
	New Zealand	12.53	(0.11)	13.11	(0.10)	-0.58	(0.14)	1.80	(0.09)	1.69	(0.07)	0.11	(0.11)
Norway	9.40	(0.10)	9.86	(0.10)	-0.46	(0.11)	3.19	(0.06)	3.07	(0.08)	0.12	(0.10)	
Poland	10.88	(0.11)	12.53	(0.09)	-1.65	(0.10)	2.11	(0.07)	2.11	(0.06)	-0.00	(0.07)	
Portugal	9.80	(0.13)	10.34	(0.11)	-0.54	(0.13)	1.92	(0.05)	2.07	(0.07)	-0.15	(0.08)	
Slovak Republic	8.63	(0.17)	9.13	(0.16)	-0.50	(0.17)	2.02	(0.07)	2.81	(0.10)	-0.80	(0.09)	
Spain	9.76	(0.09)	10.53	(0.11)	-0.77	(0.09)	2.22	(0.07)	2.26	(0.07)	-0.05	(0.09)	
Sweden	8.93	(0.09)	9.10	(0.08)	-0.18	(0.09)	1.79	(0.06)	1.79	(0.06)	0.01	(0.08)	
Switzerland	9.49	(0.11)	10.29	(0.12)	-0.81	(0.13)	1.72	(0.06)	1.42	(0.05)	0.30	(0.07)	
Turkey	10.39	(0.19)	11.01	(0.22)	-0.62	(0.25)	4.90	(0.10)	5.60	(0.13)	-0.70	(0.16)	
United Kingdom	11.88	(0.10)	11.97	(0.11)	-0.09	(0.12)	1.80	(0.06)	1.60	(0.06)	0.21	(0.07)	
United States	10.57	(0.17)	11.31	(0.14)	-0.74	(0.17)	2.99	(0.10)	3.08	(0.08)	-0.08	(0.11)	
OECD average	10.28	(0.02)	10.87	(0.02)	-0.59	(0.03)	2.42	(0.01)	2.40	(0.01)	0.01	(0.02)	
Partners	Argentina	7.13	(0.15)	8.03	(0.23)	-0.90	(0.25)	1.75	(0.09)	1.58	(0.08)	0.17	(0.09)
	Azerbaijan	10.17	(0.16)	10.59	(0.15)	-0.42	(0.20)	5.26	(0.12)	4.44	(0.13)	0.82	(0.16)
	Brazil	8.48	(0.12)	8.45	(0.10)	0.03	(0.13)	2.96	(0.09)	3.31	(0.09)	-0.35	(0.11)
	Bulgaria	7.78	(0.18)	9.34	(0.21)	-1.56	(0.21)	3.17	(0.10)	3.23	(0.11)	-0.06	(0.14)
	Chile	9.05	(0.19)	9.53	(0.23)	-0.48	(0.27)	2.68	(0.06)	2.96	(0.08)	-0.28	(0.08)
	Colombia	11.48	(0.23)	11.82	(0.21)	-0.34	(0.21)	3.26	(0.12)	3.36	(0.09)	-0.10	(0.16)
	Croatia	8.02	(0.10)	8.84	(0.12)	-0.82	(0.14)	1.59	(0.07)	1.56	(0.06)	0.02	(0.08)
	Estonia	10.17	(0.11)	11.74	(0.11)	-1.57	(0.13)	2.61	(0.11)	2.64	(0.08)	-0.03	(0.14)
	Hong Kong-China	13.66	(0.15)	13.48	(0.12)	0.19	(0.16)	3.29	(0.11)	2.88	(0.09)	0.42	(0.12)
	Indonesia	10.86	(0.22)	11.10	(0.18)	-0.24	(0.20)	3.56	(0.15)	3.77	(0.12)	-0.21	(0.15)
	Israel	8.89	(0.15)	10.22	(0.14)	-1.33	(0.20)	4.37	(0.12)	4.51	(0.11)	-0.14	(0.15)
	Jordan	9.34	(0.20)	11.31	(0.16)	-1.98	(0.25)	5.50	(0.15)	4.72	(0.14)	0.77	(0.21)
	Kyrgyzstan	6.92	(0.16)	8.50	(0.20)	-1.58	(0.18)	4.24	(0.11)	4.90	(0.11)	-0.66	(0.14)
	Latvia	10.52	(0.13)	11.56	(0.11)	-1.05	(0.12)	2.82	(0.09)	2.62	(0.09)	0.20	(0.10)
	Liechtenstein	9.77	(0.34)	10.62	(0.23)	-0.85	(0.42)	1.60	(0.19)	1.17	(0.09)	0.43	(0.22)
	Lithuania	8.95	(0.12)	10.77	(0.12)	-1.82	(0.14)	1.94	(0.06)	1.92	(0.06)	0.02	(0.08)
	Macao-China	14.08	(0.11)	14.86	(0.10)	-0.78	(0.16)	3.42	(0.10)	3.08	(0.11)	0.34	(0.16)
	Montenegro	8.45	(0.13)	9.33	(0.12)	-0.88	(0.17)	2.73	(0.08)	2.64	(0.08)	0.09	(0.12)
	Qatar	8.57	(0.11)	8.79	(0.11)	-0.21	(0.16)	5.43	(0.09)	4.41	(0.09)	1.02	(0.12)
	Romania	8.16	(0.17)	8.99	(0.18)	-0.83	(0.18)	3.89	(0.09)	4.19	(0.09)	-0.30	(0.12)
	Russian Federation	9.04	(0.13)	9.76	(0.16)	-0.71	(0.11)	3.07	(0.09)	3.06	(0.09)	0.01	(0.11)
	Serbia	8.80	(0.13)	9.86	(0.11)	-1.06	(0.13)	2.75	(0.07)	2.57	(0.07)	0.17	(0.08)
	Slovenia	8.31	(0.11)	10.41	(0.09)	-2.10	(0.16)	2.48	(0.06)	2.46	(0.07)	0.02	(0.10)
Chinese Taipei	11.49	(0.17)	11.56	(0.21)	-0.07	(0.23)	3.05	(0.07)	2.94	(0.07)	0.12	(0.09)	
Thailand	10.31	(0.14)	10.97	(0.13)	-0.66	(0.22)	2.62	(0.12)	2.23	(0.09)	0.38	(0.15)	
Tunisia	8.58	(0.16)	9.71	(0.13)	-1.13	(0.18)	5.96	(0.09)	6.23	(0.09)	-0.27	(0.13)	
Uruguay	7.92	(0.12)	9.00	(0.10)	-1.08	(0.13)	2.08	(0.08)	2.08	(0.07)	0.01	(0.10)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.6d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender

		Mean learning hours per week											
		Individual study						Total learning hours					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.53	(0.08)	4.82	(0.07)	-0.30	(0.10)	17.68	(0.17)	18.02	(0.16)	-0.35	(0.22)
	Austria	4.77	(0.10)	5.13	(0.09)	-0.35	(0.12)	14.36	(0.23)	14.62	(0.17)	-0.26	(0.25)
	Belgium	4.00	(0.07)	4.80	(0.07)	-0.80	(0.09)	14.87	(0.19)	16.02	(0.16)	-1.15	(0.22)
	Canada	4.54	(0.08)	5.98	(0.09)	-1.43	(0.11)	19.30	(0.20)	21.92	(0.20)	-2.62	(0.23)
	Czech Republic	3.25	(0.06)	3.75	(0.08)	-0.50	(0.10)	15.47	(0.15)	16.65	(0.26)	-1.19	(0.28)
	Denmark	4.69	(0.07)	5.30	(0.08)	-0.62	(0.09)	21.23	(0.19)	22.65	(0.18)	-1.41	(0.22)
	Finland	3.04	(0.06)	3.77	(0.06)	-0.73	(0.06)	13.40	(0.16)	14.91	(0.19)	-1.51	(0.16)
	France	4.06	(0.11)	5.04	(0.08)	-0.98	(0.13)	16.68	(0.23)	18.35	(0.18)	-1.67	(0.28)
	Germany	5.43	(0.08)	6.33	(0.10)	-0.90	(0.09)	17.72	(0.15)	19.18	(0.20)	-1.46	(0.19)
	Greece	5.56	(0.11)	6.02	(0.10)	-0.46	(0.13)	20.32	(0.32)	22.61	(0.26)	-2.29	(0.33)
	Hungary	4.80	(0.08)	5.82	(0.10)	-1.02	(0.12)	16.73	(0.20)	19.12	(0.26)	-2.40	(0.29)
	Iceland	4.18	(0.07)	4.67	(0.06)	-0.49	(0.10)	17.54	(0.16)	18.73	(0.12)	-1.19	(0.21)
	Ireland	4.47	(0.09)	4.93	(0.10)	-0.46	(0.12)	15.85	(0.19)	16.30	(0.20)	-0.45	(0.24)
	Italy	6.96	(0.09)	8.08	(0.09)	-1.12	(0.10)	20.54	(0.18)	21.58	(0.20)	-1.04	(0.19)
	Japan	3.06	(0.10)	3.16	(0.13)	-0.10	(0.13)	15.32	(0.26)	15.19	(0.33)	0.13	(0.39)
	Korea	4.89	(0.19)	4.98	(0.11)	-0.10	(0.21)	22.54	(0.42)	22.44	(0.35)	0.10	(0.59)
	Luxembourg	4.03	(0.08)	4.63	(0.06)	-0.60	(0.11)	15.38	(0.15)	16.57	(0.12)	-1.19	(0.19)
	Mexico	6.19	(0.10)	6.62	(0.09)	-0.43	(0.11)	20.24	(0.25)	20.56	(0.21)	-0.32	(0.25)
	Netherlands	3.83	(0.07)	4.16	(0.07)	-0.33	(0.09)	13.75	(0.17)	13.89	(0.15)	-0.15	(0.22)
	New Zealand	4.11	(0.10)	4.72	(0.09)	-0.61	(0.14)	18.50	(0.22)	19.50	(0.18)	-1.01	(0.29)
Norway	3.84	(0.07)	4.30	(0.10)	-0.46	(0.12)	16.34	(0.15)	17.26	(0.19)	-0.93	(0.24)	
Poland	5.30	(0.08)	7.35	(0.08)	-2.05	(0.10)	18.30	(0.18)	22.03	(0.15)	-3.72	(0.20)	
Portugal	5.12	(0.11)	6.51	(0.11)	-1.39	(0.15)	16.90	(0.23)	18.92	(0.18)	-2.03	(0.26)	
Slovak Republic	4.25	(0.10)	5.40	(0.12)	-1.15	(0.15)	14.91	(0.27)	17.36	(0.31)	-2.44	(0.31)	
Spain	4.90	(0.09)	6.26	(0.10)	-1.36	(0.09)	17.03	(0.20)	19.12	(0.18)	-2.09	(0.18)	
Sweden	3.33	(0.08)	3.84	(0.06)	-0.51	(0.09)	14.04	(0.15)	14.72	(0.14)	-0.68	(0.17)	
Switzerland	3.99	(0.05)	4.42	(0.06)	-0.43	(0.07)	15.23	(0.17)	16.11	(0.16)	-0.89	(0.22)	
Turkey	5.61	(0.09)	6.70	(0.14)	-1.09	(0.15)	20.74	(0.32)	23.24	(0.43)	-2.49	(0.45)	
United Kingdom	4.31	(0.07)	4.72	(0.07)	-0.41	(0.08)	18.00	(0.16)	18.32	(0.18)	-0.32	(0.20)	
United States	5.03	(0.09)	6.15	(0.09)	-1.12	(0.12)	18.82	(0.21)	20.53	(0.20)	-1.72	(0.27)	
OECD average	4.54	(0.02)	5.28	(0.02)	-0.74	(0.02)	17.26	(0.04)	18.55	(0.04)	-1.29	(0.05)	
Partners	Argentina	4.55	(0.13)	5.47	(0.12)	-0.92	(0.15)	13.37	(0.28)	15.13	(0.30)	-1.76	(0.37)
	Azerbaijan	8.44	(0.15)	8.98	(0.17)	-0.54	(0.18)	23.95	(0.31)	24.26	(0.36)	-0.31	(0.40)
	Brazil	4.81	(0.09)	5.54	(0.10)	-0.73	(0.13)	16.24	(0.22)	17.24	(0.21)	-1.00	(0.26)
	Bulgaria	5.42	(0.15)	6.91	(0.20)	-1.49	(0.18)	16.49	(0.31)	19.49	(0.44)	-3.01	(0.40)
	Chile	4.49	(0.08)	4.92	(0.12)	-0.43	(0.13)	16.37	(0.26)	17.43	(0.35)	-1.06	(0.41)
	Colombia	5.26	(0.11)	5.85	(0.14)	-0.59	(0.18)	20.00	(0.30)	21.01	(0.35)	-1.00	(0.39)
	Croatia	4.28	(0.09)	5.42	(0.08)	-1.13	(0.10)	14.00	(0.18)	15.85	(0.20)	-1.85	(0.24)
	Estonia	4.50	(0.09)	5.75	(0.09)	-1.25	(0.13)	17.29	(0.20)	20.16	(0.20)	-2.87	(0.29)
	Hong Kong-China	5.23	(0.12)	5.43	(0.11)	-0.20	(0.15)	22.20	(0.28)	21.76	(0.24)	0.44	(0.31)
	Indonesia	5.12	(0.11)	6.06	(0.09)	-0.94	(0.14)	19.50	(0.32)	20.87	(0.29)	-1.37	(0.34)
	Israel	5.20	(0.17)	5.47	(0.13)	-0.27	(0.21)	18.70	(0.38)	20.11	(0.28)	-1.41	(0.46)
	Jordan	7.40	(0.11)	8.37	(0.17)	-0.97	(0.19)	22.18	(0.31)	24.39	(0.29)	-2.21	(0.42)
	Kyrgyzstan	5.79	(0.11)	7.47	(0.14)	-1.68	(0.18)	17.25	(0.28)	20.87	(0.34)	-3.62	(0.39)
	Latvia	5.67	(0.09)	6.78	(0.11)	-1.11	(0.13)	19.03	(0.24)	20.95	(0.21)	-1.92	(0.26)
	Liechtenstein	3.77	(0.26)	4.07	(0.19)	-0.30	(0.34)	15.22	(0.46)	15.75	(0.31)	-0.53	(0.62)
	Lithuania	4.59	(0.09)	5.98	(0.10)	-1.39	(0.14)	15.47	(0.20)	18.63	(0.19)	-3.16	(0.26)
	Macao-China	4.61	(0.09)	5.26	(0.09)	-0.65	(0.13)	22.11	(0.19)	23.17	(0.21)	-1.06	(0.28)
	Montenegro	5.78	(0.11)	6.65	(0.11)	-0.87	(0.16)	16.93	(0.25)	18.57	(0.23)	-1.63	(0.36)
	Qatar	6.27	(0.08)	6.27	(0.08)	0.00	(0.12)	20.35	(0.22)	19.49	(0.21)	0.85	(0.29)
	Romania	5.48	(0.10)	6.44	(0.15)	-0.97	(0.18)	17.57	(0.29)	19.55	(0.33)	-1.98	(0.37)
	Russian Federation	6.10	(0.14)	7.15	(0.12)	-1.04	(0.11)	18.21	(0.26)	19.96	(0.26)	-1.75	(0.23)
	Serbia	4.70	(0.10)	5.75	(0.09)	-1.05	(0.13)	16.23	(0.22)	18.16	(0.20)	-1.93	(0.26)
	Slovenia	4.43	(0.08)	5.42	(0.07)	-0.99	(0.10)	15.29	(0.19)	18.29	(0.15)	-3.01	(0.25)
	Chinese Taipei	4.75	(0.11)	5.02	(0.11)	-0.27	(0.12)	19.49	(0.30)	19.58	(0.36)	-0.08	(0.37)
Thailand	4.83	(0.12)	5.67	(0.09)	-0.85	(0.15)	17.71	(0.28)	18.86	(0.26)	-1.15	(0.43)	
Tunisia	6.89	(0.12)	7.65	(0.10)	-0.76	(0.15)	21.54	(0.30)	23.55	(0.24)	-2.01	(0.35)	
Uruguay	3.66	(0.09)	4.77	(0.08)	-1.11	(0.11)	13.70	(0.22)	15.87	(0.17)	-2.18	(0.25)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.6d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by gender
[Part 3/3]

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	66.5	(0.4)	66.6	(0.3)	-0.1	(0.4)	9.5	(0.2)	7.8	(0.2)	1.7	(0.3)	24.0	(0.3)	25.6	(0.2)	-1.6	(0.3)
	Austria	62.2	(0.5)	61.5	(0.5)	0.7	(0.6)	6.0	(0.3)	4.8	(0.2)	1.2	(0.3)	31.8	(0.4)	33.7	(0.4)	-1.9	(0.5)
	Belgium	64.9	(0.3)	63.6	(0.3)	1.3	(0.5)	8.6	(0.3)	6.9	(0.2)	1.7	(0.3)	26.5	(0.3)	29.4	(0.3)	-3.0	(0.4)
	Canada	65.5	(0.4)	62.5	(0.4)	3.0	(0.5)	11.2	(0.2)	10.8	(0.3)	0.4	(0.3)	23.3	(0.3)	26.7	(0.3)	-3.4	(0.3)
	Czech Republic	70.8	(0.5)	67.9	(0.5)	2.9	(0.7)	9.9	(0.3)	10.5	(0.2)	-0.6	(0.4)	19.2	(0.3)	21.6	(0.4)	-2.4	(0.5)
	Denmark	63.0	(0.4)	61.6	(0.4)	1.4	(0.5)	16.0	(0.3)	15.9	(0.3)	0.0	(0.4)	21.0	(0.2)	22.5	(0.3)	-1.5	(0.3)
	Finland	70.9	(0.4)	70.1	(0.4)	0.8	(0.5)	7.4	(0.3)	5.5	(0.2)	1.8	(0.3)	21.8	(0.3)	24.4	(0.2)	-2.6	(0.3)
	France	65.1	(0.5)	61.8	(0.4)	3.3	(0.6)	12.1	(0.3)	12.1	(0.3)	0.0	(0.4)	22.8	(0.4)	26.1	(0.2)	-3.3	(0.4)
	Germany	59.6	(0.4)	59.3	(0.4)	0.3	(0.5)	10.1	(0.4)	8.6	(0.3)	1.5	(0.4)	30.3	(0.3)	32.1	(0.3)	-1.8	(0.4)
	Greece	47.1	(0.7)	49.0	(0.4)	-1.9	(0.6)	26.2	(0.4)	25.2	(0.4)	0.9	(0.4)	26.7	(0.5)	25.8	(0.3)	1.0	(0.5)
	Hungary	52.8	(0.4)	51.8	(0.4)	1.0	(0.6)	19.0	(0.4)	18.4	(0.4)	0.6	(0.4)	28.1	(0.4)	29.7	(0.3)	-1.6	(0.4)
	Iceland	69.9	(0.4)	69.5	(0.3)	0.4	(0.5)	7.6	(0.3)	6.8	(0.2)	0.8	(0.4)	22.5	(0.3)	23.7	(0.2)	-1.2	(0.4)
	Ireland	63.5	(0.6)	63.4	(0.5)	0.0	(0.7)	9.6	(0.3)	7.8	(0.3)	1.8	(0.4)	26.9	(0.4)	28.7	(0.4)	-1.8	(0.6)
	Italy	55.1	(0.3)	54.7	(0.2)	0.4	(0.4)	11.2	(0.3)	8.7	(0.2)	2.5	(0.3)	33.7	(0.2)	36.6	(0.2)	-2.9	(0.3)
	Japan	74.4	(0.5)	74.7	(0.6)	-0.3	(0.6)	8.2	(0.3)	6.7	(0.3)	1.5	(0.3)	17.4	(0.4)	18.6	(0.5)	-1.2	(0.4)
	Korea	61.1	(0.7)	61.6	(0.5)	-0.4	(1.0)	19.0	(0.5)	17.8	(0.4)	1.2	(0.7)	19.9	(0.5)	20.7	(0.3)	-0.8	(0.5)
	Luxembourg	63.1	(0.4)	63.3	(0.3)	-0.2	(0.6)	11.6	(0.3)	9.8	(0.2)	1.8	(0.4)	25.3	(0.3)	26.9	(0.3)	-1.6	(0.4)
	Mexico	53.6	(0.4)	53.9	(0.5)	-0.3	(0.5)	15.8	(0.3)	13.7	(0.3)	2.0	(0.4)	30.6	(0.3)	32.4	(0.3)	-1.7	(0.4)
	Netherlands	60.1	(0.5)	59.8	(0.4)	0.4	(0.6)	13.0	(0.4)	11.5	(0.3)	1.4	(0.4)	26.9	(0.3)	28.7	(0.3)	-1.8	(0.4)
	New Zealand	70.2	(0.6)	69.2	(0.4)	1.0	(0.6)	8.6	(0.3)	7.8	(0.3)	0.8	(0.4)	21.1	(0.3)	23.0	(0.3)	-1.8	(0.4)
Norway	60.6	(0.5)	60.3	(0.6)	0.3	(0.7)	17.8	(0.3)	16.1	(0.3)	1.6	(0.4)	21.7	(0.3)	23.6	(0.4)	-1.9	(0.5)	
Poland	60.9	(0.4)	59.0	(0.3)	1.9	(0.4)	11.1	(0.3)	9.1	(0.3)	2.0	(0.3)	28.0	(0.3)	32.0	(0.3)	-3.9	(0.4)	
Portugal	60.0	(0.4)	56.7	(0.5)	3.3	(0.6)	10.7	(0.3)	9.8	(0.3)	0.8	(0.4)	29.4	(0.4)	33.5	(0.4)	-4.1	(0.5)	
Slovak Republic	62.1	(0.6)	55.7	(0.6)	6.4	(0.8)	11.4	(0.4)	14.1	(0.4)	-2.8	(0.4)	26.5	(0.4)	30.2	(0.5)	-3.6	(0.7)	
Spain	60.1	(0.4)	58.0	(0.3)	2.2	(0.4)	11.9	(0.3)	10.6	(0.3)	1.3	(0.4)	28.0	(0.3)	31.5	(0.3)	-3.5	(0.3)	
Sweden	67.1	(0.8)	65.1	(0.4)	2.1	(0.8)	10.5	(0.3)	10.1	(0.3)	0.3	(0.5)	22.4	(0.5)	24.8	(0.3)	-2.4	(0.5)	
Switzerland	63.7	(0.3)	64.9	(0.4)	-1.2	(0.4)	10.0	(0.3)	7.8	(0.3)	2.2	(0.3)	26.3	(0.3)	27.3	(0.2)	-1.0	(0.4)	
Turkey	53.1	(0.5)	49.5	(0.4)	3.6	(0.6)	21.1	(0.3)	22.3	(0.4)	-1.2	(0.5)	25.8	(0.3)	28.2	(0.3)	-2.4	(0.5)	
United Kingdom	68.2	(0.4)	67.5	(0.4)	0.7	(0.4)	8.7	(0.2)	7.7	(0.2)	1.0	(0.3)	23.1	(0.3)	24.8	(0.3)	-1.7	(0.3)	
United States	56.3	(0.6)	54.8	(0.4)	1.5	(0.6)	15.8	(0.5)	14.8	(0.3)	1.1	(0.5)	27.8	(0.3)	30.4	(0.3)	-2.6	(0.4)	
OECD average	62.4	(0.1)	61.2	(0.1)	1.1	(0.1)	12.3	(0.1)	11.3	(0.1)	1.0	(0.1)	25.3	(0.1)	27.4	(0.1)	-2.1	(0.1)	
Partners	Argentina	54.6	(0.8)	54.4	(0.7)	0.2	(1.0)	11.6	(0.5)	9.6	(0.4)	2.0	(0.5)	33.8	(0.6)	36.0	(0.6)	-2.2	(0.9)
	Azerbaijan	43.4	(0.6)	45.6	(0.6)	-2.2	(0.7)	21.7	(0.5)	17.6	(0.4)	4.1	(0.5)	34.9	(0.4)	36.8	(0.4)	-1.9	(0.5)
	Brazil	54.9	(0.6)	51.3	(0.5)	3.6	(0.6)	16.6	(0.4)	17.6	(0.4)	-1.0	(0.6)	28.5	(0.4)	31.0	(0.4)	-2.5	(0.6)
	Bulgaria	49.8	(0.8)	50.3	(0.5)	-0.5	(0.9)	18.2	(0.6)	15.5	(0.4)	2.7	(0.6)	32.0	(0.5)	34.3	(0.5)	-2.2	(0.6)
	Chile	54.9	(0.5)	54.2	(0.7)	0.7	(0.7)	16.2	(0.4)	16.5	(0.4)	-0.3	(0.4)	28.9	(0.3)	29.3	(0.4)	-0.4	(0.5)
	Colombia	59.2	(0.8)	59.8	(0.7)	-0.5	(0.9)	15.0	(0.5)	14.1	(0.3)	0.9	(0.6)	25.8	(0.5)	26.2	(0.4)	-0.4	(0.5)
	Croatia	61.1	(0.6)	58.8	(0.4)	2.3	(0.6)	10.3	(0.4)	8.9	(0.3)	1.4	(0.4)	28.6	(0.4)	32.3	(0.4)	-3.8	(0.4)
	Estonia	61.2	(0.6)	60.5	(0.4)	0.6	(0.6)	14.2	(0.5)	12.3	(0.4)	1.9	(0.5)	24.7	(0.4)	27.1	(0.3)	-2.5	(0.4)
	Hong Kong-China	64.0	(0.6)	64.3	(0.4)	-0.3	(0.7)	13.7	(0.4)	12.2	(0.3)	1.5	(0.4)	22.3	(0.4)	23.5	(0.3)	-1.2	(0.5)
	Indonesia	57.2	(0.9)	54.7	(0.7)	2.5	(0.8)	16.7	(0.7)	16.4	(0.5)	0.3	(0.6)	26.1	(0.3)	28.9	(0.4)	-2.8	(0.4)
	Israel	50.0	(0.6)	54.3	(0.6)	-4.2	(0.9)	22.9	(0.4)	20.6	(0.4)	2.3	(0.5)	27.1	(0.5)	25.2	(0.5)	1.9	(0.7)
	Jordan	40.6	(0.8)	46.3	(0.6)	-5.7	(1.0)	25.1	(0.6)	18.9	(0.5)	6.2	(0.8)	34.2	(0.4)	34.7	(0.5)	-0.5	(0.6)
	Kyrgyzstan	40.0	(0.6)	40.1	(0.5)	-0.1	(0.6)	26.1	(0.6)	24.4	(0.4)	1.8	(0.6)	33.9	(0.5)	35.6	(0.4)	-1.7	(0.6)
	Latvia	57.7	(0.4)	57.1	(0.4)	0.6	(0.6)	13.7	(0.4)	11.7	(0.4)	2.0	(0.4)	28.6	(0.3)	31.2	(0.3)	-2.6	(0.4)
	Liechtenstein	64.8	(2.0)	67.6	(0.9)	-2.8	(2.1)	10.0	(1.1)	6.9	(0.6)	3.1	(1.3)	25.2	(1.4)	25.5	(0.9)	-0.3	(1.5)
	Lithuania	59.6	(0.5)	59.4	(0.4)	0.2	(0.6)	12.4	(0.3)	9.9	(0.3)	2.5	(0.4)	28.0	(0.4)	30.7	(0.3)	-2.7	(0.5)
	Macao-China	66.7	(0.4)	66.7	(0.4)	0.0	(0.6)	13.9	(0.3)	11.8	(0.4)	2.1	(0.5)	19.4	(0.3)	21.6	(0.3)	-2.1	(0.4)
	Montenegro	50.5	(0.5)	51.1	(0.5)	-0.5	(0.7)	15.5	(0.4)	13.6	(0.3)	2.0	(0.5)	34.0	(0.4)	35.4	(0.4)	-1.4	(0.6)
	Qatar	40.9	(0.3)	45.2	(0.4)	-4.3	(0.5)	27.2	(0.3)	22.3	(0.3)	4.9	(0.4)	31.9	(0.3)	32.5	(0.3)	-0.6	(0.4)
	Romania	48.9	(0.5)	48.5	(0.6)	0.4	(0.7)	20.9	(0.4)	20.1	(0.4)	0.8	(0.4)	30.2	(0.3)	31.5	(0.4)	-1.3	(0.5)
	Russian Federation	51.3	(0.6)	50.5	(0.5)	0.8	(0.6)	16.5	(0.5)	14.9	(0.6)	1.6	(0.5)	32.3	(0.6)	34.6	(0.3)	-2.3	(0.5)
	Serbia	57.6	(0.5)	57.8	(0.4)	-0.2	(0.5)	15.3	(0.3)	12.3	(0.3)	3.0	(0.3)	27.0	(0.4)	29.8	(0.3)	-2.8	(0.5)
	Slovenia	55.8	(0.5)	58.0	(0.4)	-2.3	(0.6)	15.3	(0.3)	12.6	(0.3)	2.6	(0.5)	29.0	(0.3)	29.3	(0.3)	-0.4	(0.4)
	Chinese Taipei	61.6	(0.5)	61.3	(0.3)	0.3	(0.5)	14.6	(0.2)	13.3	(0.3)	1.2	(0.3)	23.9	(0.3)	25.4	(0.3)	-1.5	(0.4)
Thailand	63.0	(0.6)	61.8	(0.3)	1.2	(0.7)	11.5	(0.4)	9.4	(0.3)	2.2	(0.5)	25.5	(0.4)	28.9	(0.2)	-3.4	(0.4)	
Tunisia	40.8	(0.5)	41.9	(0.4)	-1.2	(0.6)	27.1	(0.3)	25.9	(0.3)	1.2	(0.4)	32.1	(0.4)	32.2	(0.3)	-0.1	(0.5)	
Uruguay	59.8	(0.5)	58.7	(0.5)	1.1	(0.7)	13.7	(0.4)	11.6	(0.4)	2.1	(0.6)	26.5	(0.4)	29.7	(0.3)	-3.2	(0.5)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons								Difference (bottom-top)	
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS			
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	2.83	(0.05)	3.16	(0.04)	3.31	(0.05)	3.69	(0.05)	-0.87	(0.06)
	Austria	2.02	(0.07)	2.26	(0.08)	2.59	(0.09)	3.00	(0.09)	-0.98	(0.11)
	Belgium	1.95	(0.07)	2.47	(0.06)	2.83	(0.07)	3.28	(0.05)	-1.32	(0.09)
	Canada	3.45	(0.06)	3.90	(0.06)	4.20	(0.06)	4.46	(0.07)	-1.02	(0.07)
	Czech Republic	2.44	(0.07)	2.70	(0.08)	2.95	(0.11)	3.66	(0.11)	-1.22	(0.11)
	Denmark	3.00	(0.06)	3.17	(0.06)	3.22	(0.06)	3.45	(0.06)	-0.44	(0.08)
	Finland	2.87	(0.07)	3.03	(0.05)	3.16	(0.06)	3.46	(0.06)	-0.60	(0.08)
	France	2.07	(0.06)	2.54	(0.07)	3.00	(0.07)	3.82	(0.08)	-1.75	(0.10)
	Germany	2.39	(0.08)	2.98	(0.07)	3.29	(0.07)	3.61	(0.07)	-1.24	(0.11)
	Greece	2.54	(0.07)	3.00	(0.08)	3.23	(0.07)	3.95	(0.09)	-1.41	(0.11)
	Hungary	2.10	(0.06)	2.35	(0.06)	2.51	(0.07)	3.08	(0.11)	-0.97	(0.12)
	Iceland	2.73	(0.05)	2.88	(0.05)	3.06	(0.05)	3.22	(0.05)	-0.49	(0.07)
	Ireland	2.30	(0.07)	2.46	(0.06)	2.57	(0.06)	2.83	(0.06)	-0.53	(0.09)
	Italy	2.72	(0.06)	2.94	(0.06)	3.09	(0.06)	2.89	(0.10)	-0.18	(0.10)
	Japan	2.43	(0.05)	2.61	(0.06)	2.81	(0.07)	2.94	(0.08)	-0.51	(0.08)
	Korea	3.26	(0.07)	3.55	(0.07)	3.65	(0.07)	3.88	(0.13)	-0.62	(0.15)
	Luxembourg	2.01	(0.05)	2.24	(0.05)	2.46	(0.06)	2.65	(0.06)	-0.65	(0.08)
	Mexico	3.18	(0.10)	3.02	(0.06)	3.05	(0.06)	3.37	(0.06)	-0.16	(0.12)
	Netherlands	1.84	(0.08)	1.98	(0.06)	2.23	(0.07)	2.66	(0.07)	-0.82	(0.10)
	New Zealand	3.58	(0.08)	3.98	(0.07)	4.23	(0.06)	4.46	(0.06)	-0.87	(0.10)
	Norway	2.49	(0.05)	2.63	(0.04)	2.71	(0.04)	2.74	(0.05)	-0.25	(0.06)
	Poland	2.51	(0.06)	2.56	(0.05)	2.76	(0.05)	3.04	(0.05)	-0.53	(0.07)
	Portugal	2.56	(0.07)	3.06	(0.08)	3.33	(0.08)	3.90	(0.09)	-1.33	(0.12)
	Slovak Republic	1.81	(0.07)	2.20	(0.09)	2.51	(0.09)	3.30	(0.12)	-1.50	(0.12)
	Spain	2.65	(0.05)	2.88	(0.05)	3.20	(0.06)	3.74	(0.08)	-1.10	(0.09)
Sweden	2.66	(0.04)	2.77	(0.05)	2.89	(0.04)	2.91	(0.04)	-0.25	(0.05)	
Switzerland	1.89	(0.05)	2.14	(0.05)	2.41	(0.07)	3.04	(0.07)	-1.14	(0.07)	
Turkey	2.38	(0.11)	2.58	(0.08)	2.77	(0.10)	3.73	(0.19)	-1.34	(0.20)	
United Kingdom	3.85	(0.06)	4.16	(0.05)	4.35	(0.04)	4.67	(0.05)	-0.82	(0.07)	
United States	2.85	(0.12)	3.33	(0.08)	3.68	(0.06)	4.20	(0.07)	-1.36	(0.15)	
OECD average	2.58	(0.01)	2.85	(0.01)	3.07	(0.01)	3.45	(0.02)	-0.88	(0.02)	
Partners	Argentina	1.89	(0.08)	2.06	(0.07)	2.33	(0.08)	2.76	(0.09)	-0.88	(0.13)
	Azerbaijan	2.63	(0.07)	2.79	(0.09)	2.90	(0.09)	3.03	(0.08)	-0.39	(0.09)
	Brazil	1.91	(0.06)	1.97	(0.05)	2.15	(0.05)	2.83	(0.07)	-0.92	(0.09)
	Bulgaria	2.07	(0.11)	2.35	(0.08)	2.78	(0.09)	3.33	(0.12)	-1.26	(0.15)
	Chile	1.74	(0.06)	2.05	(0.06)	2.39	(0.07)	3.14	(0.08)	-1.40	(0.10)
	Colombia	3.36	(0.13)	3.41	(0.15)	3.27	(0.08)	3.96	(0.17)	-0.59	(0.15)
	Croatia	1.58	(0.06)	1.98	(0.06)	2.04	(0.07)	2.46	(0.06)	-0.87	(0.08)
	Estonia	3.06	(0.08)	3.13	(0.06)	3.27	(0.07)	3.63	(0.07)	-0.57	(0.10)
	Hong Kong-China	2.69	(0.09)	3.03	(0.09)	3.10	(0.09)	3.75	(0.11)	-1.06	(0.15)
	Indonesia	2.87	(0.08)	2.99	(0.08)	3.13	(0.09)	3.94	(0.11)	-1.07	(0.14)
	Israel	2.05	(0.07)	2.43	(0.08)	2.42	(0.09)	2.85	(0.09)	-0.77	(0.12)
	Jordan	2.81	(0.09)	3.08	(0.08)	3.34	(0.08)	3.75	(0.09)	-0.95	(0.12)
	Kyrgyzstan	1.94	(0.15)	1.87	(0.07)	2.10	(0.08)	2.45	(0.08)	-0.50	(0.17)
	Latvia	2.58	(0.08)	2.78	(0.09)	2.91	(0.08)	3.17	(0.10)	-0.60	(0.11)
	Liechtenstein	2.36	(0.17)	2.28	(0.16)	2.57	(0.17)	3.12	(0.19)	-0.76	(0.22)
	Lithuania	2.45	(0.07)	2.63	(0.06)	2.74	(0.06)	2.94	(0.06)	-0.49	(0.08)
	Macao-China	3.48	(0.07)	4.00	(0.09)	3.69	(0.07)	3.81	(0.07)	-0.34	(0.09)
	Montenegro	2.45	(0.07)	2.72	(0.08)	2.82	(0.08)	3.33	(0.08)	-0.89	(0.11)
	Qatar	2.18	(0.06)	2.45	(0.07)	2.95	(0.08)	3.06	(0.06)	-0.87	(0.09)
	Romania	1.89	(0.08)	2.03	(0.11)	2.27	(0.10)	2.86	(0.12)	-0.98	(0.13)
	Russian Federation	3.43	(0.12)	3.58	(0.11)	3.82	(0.09)	4.09	(0.08)	-0.66	(0.12)
	Serbia	2.42	(0.07)	2.65	(0.08)	2.91	(0.09)	3.46	(0.07)	-1.04	(0.09)
	Slovenia	2.29	(0.07)	2.70	(0.06)	2.82	(0.05)	3.46	(0.06)	-1.16	(0.09)
	Chinese Taipei	2.45	(0.08)	2.70	(0.07)	3.01	(0.07)	3.43	(0.07)	-0.98	(0.09)
	Thailand	3.59	(0.05)	3.68	(0.05)	3.59	(0.06)	4.39	(0.08)	-0.81	(0.09)
Tunisia	2.34	(0.07)	2.45	(0.06)	2.60	(0.07)	3.10	(0.12)	-0.76	(0.13)	
Uruguay	1.98	(0.08)	2.21	(0.07)	2.53	(0.08)	2.90	(0.08)	-0.92	(0.09)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 2/7]

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.35	(0.02)	0.35	(0.02)	0.36	(0.02)	0.38	(0.02)	-0.04	(0.03)
	Austria	0.28	(0.03)	0.21	(0.03)	0.19	(0.02)	0.18	(0.03)	0.10	(0.04)
	Belgium	0.32	(0.02)	0.34	(0.03)	0.30	(0.02)	0.32	(0.02)	0.01	(0.03)
	Canada	0.52	(0.02)	0.52	(0.02)	0.59	(0.03)	0.59	(0.03)	-0.07	(0.03)
	Czech Republic	0.53	(0.03)	0.50	(0.04)	0.56	(0.04)	0.57	(0.03)	-0.05	(0.04)
	Denmark	0.78	(0.04)	0.71	(0.04)	0.75	(0.04)	0.84	(0.03)	-0.05	(0.05)
	Finland	0.33	(0.02)	0.34	(0.03)	0.32	(0.02)	0.30	(0.02)	0.03	(0.03)
	France	0.53	(0.03)	0.56	(0.03)	0.59	(0.03)	0.52	(0.03)	-0.00	(0.05)
	Germany	0.55	(0.04)	0.49	(0.03)	0.52	(0.04)	0.47	(0.03)	0.08	(0.05)
	Greece	1.54	(0.07)	1.90	(0.07)	2.15	(0.07)	2.37	(0.09)	-0.83	(0.12)
	Hungary	1.01	(0.04)	0.94	(0.04)	1.03	(0.05)	1.02	(0.06)	-0.01	(0.07)
	Iceland	0.26	(0.03)	0.23	(0.02)	0.36	(0.03)	0.32	(0.03)	-0.06	(0.04)
	Ireland	0.28	(0.02)	0.30	(0.02)	0.36	(0.02)	0.33	(0.02)	-0.05	(0.03)
	Italy	0.54	(0.03)	0.57	(0.03)	0.60	(0.03)	0.61	(0.03)	-0.07	(0.04)
	Japan	0.29	(0.02)	0.24	(0.02)	0.24	(0.02)	0.25	(0.02)	0.04	(0.03)
	Korea	0.69	(0.04)	0.87	(0.04)	1.16	(0.05)	1.37	(0.12)	-0.68	(0.13)
	Luxembourg	0.56	(0.03)	0.56	(0.03)	0.49	(0.03)	0.42	(0.03)	0.15	(0.05)
	Mexico	1.17	(0.06)	0.96	(0.03)	1.01	(0.04)	0.89	(0.05)	0.29	(0.09)
	Netherlands	0.60	(0.04)	0.54	(0.03)	0.53	(0.03)	0.47	(0.03)	0.14	(0.05)
	New Zealand	0.41	(0.03)	0.39	(0.03)	0.41	(0.03)	0.42	(0.03)	-0.01	(0.05)
Norway	0.96	(0.03)	0.97	(0.04)	0.86	(0.04)	0.94	(0.04)	0.02	(0.05)	
Poland	0.60	(0.04)	0.59	(0.03)	0.62	(0.03)	0.67	(0.03)	-0.07	(0.05)	
Portugal	0.59	(0.04)	0.62	(0.04)	0.65	(0.04)	0.68	(0.04)	-0.09	(0.06)	
Slovak Republic	0.57	(0.03)	0.54	(0.04)	0.62	(0.04)	0.86	(0.04)	-0.30	(0.05)	
Spain	0.63	(0.03)	0.67	(0.04)	0.71	(0.04)	0.70	(0.05)	-0.07	(0.07)	
Sweden	0.50	(0.03)	0.50	(0.03)	0.49	(0.03)	0.50	(0.03)	0.00	(0.05)	
Switzerland	0.45	(0.02)	0.39	(0.02)	0.37	(0.02)	0.35	(0.02)	0.10	(0.03)	
Turkey	1.11	(0.07)	1.05	(0.06)	1.28	(0.06)	1.97	(0.10)	-0.87	(0.11)	
United Kingdom	0.45	(0.03)	0.48	(0.03)	0.51	(0.02)	0.49	(0.03)	-0.04	(0.04)	
United States	0.78	(0.06)	0.77	(0.03)	0.84	(0.03)	0.74	(0.04)	0.04	(0.07)	
OECD average	0.61	(0.01)	0.60	(0.01)	0.65	(0.01)	0.68	(0.01)	-0.08	(0.01)	
Partners	Argentina	0.54	(0.05)	0.51	(0.04)	0.47	(0.04)	0.42	(0.04)	0.11	(0.06)
	Azerbaijan	1.36	(0.08)	1.33	(0.05)	1.33	(0.05)	1.42	(0.05)	-0.07	(0.09)
	Brazil	0.75	(0.04)	0.67	(0.04)	0.79	(0.04)	0.94	(0.05)	-0.18	(0.07)
	Bulgaria	0.95	(0.05)	1.02	(0.05)	0.96	(0.05)	1.01	(0.05)	-0.05	(0.06)
	Chile	0.81	(0.04)	0.79	(0.04)	0.83	(0.04)	0.89	(0.04)	-0.08	(0.05)
	Colombia	0.97	(0.05)	0.98	(0.09)	0.86	(0.04)	1.00	(0.07)	-0.03	(0.10)
	Croatia	0.41	(0.03)	0.39	(0.03)	0.42	(0.03)	0.51	(0.04)	-0.11	(0.05)
	Estonia	0.79	(0.04)	0.77	(0.03)	0.75	(0.05)	0.74	(0.04)	0.05	(0.05)
	Hong Kong-China	0.63	(0.04)	0.80	(0.05)	0.88	(0.04)	1.20	(0.05)	-0.57	(0.06)
	Indonesia	0.84	(0.04)	0.94	(0.04)	1.04	(0.06)	1.35	(0.11)	-0.51	(0.10)
	Israel	1.11	(0.06)	1.03	(0.06)	0.85	(0.04)	0.93	(0.05)	0.18	(0.08)
	Jordan	1.43	(0.06)	1.46	(0.06)	1.56	(0.05)	1.64	(0.06)	-0.21	(0.08)
	Kyrgyzstan	1.41	(0.05)	1.46	(0.06)	1.36	(0.06)	1.20	(0.05)	0.21	(0.07)
	Latvia	0.63	(0.04)	0.67	(0.04)	0.64	(0.03)	0.66	(0.04)	-0.03	(0.06)
	Liechtenstein	0.83	(0.15)	0.28	(0.07)	0.45	(0.11)	0.50	(0.13)	0.31	(0.19)
	Lithuania	0.66	(0.03)	0.56	(0.03)	0.55	(0.03)	0.49	(0.04)	0.17	(0.05)
	Macao-China	1.01	(0.05)	1.00	(0.04)	0.95	(0.05)	1.03	(0.06)	-0.02	(0.08)
	Montenegro	0.98	(0.05)	1.08	(0.06)	1.02	(0.05)	1.13	(0.05)	-0.15	(0.08)
	Qatar	1.45	(0.04)	1.40	(0.05)	1.53	(0.05)	1.56	(0.05)	-0.11	(0.06)
	Romania	1.03	(0.08)	0.93	(0.05)	1.02	(0.04)	1.12	(0.04)	-0.08	(0.11)
Russian Federation	1.13	(0.05)	1.13	(0.05)	1.12	(0.06)	1.11	(0.04)	0.01	(0.07)	
Serbia	0.72	(0.04)	0.82	(0.04)	0.78	(0.04)	0.80	(0.04)	-0.08	(0.06)	
Slovenia	0.75	(0.04)	0.73	(0.04)	0.71	(0.03)	0.67	(0.03)	0.09	(0.05)	
Chinese Taipei	0.55	(0.03)	0.69	(0.03)	0.83	(0.04)	1.06	(0.05)	-0.51	(0.06)	
Thailand	0.56	(0.05)	0.75	(0.05)	0.81	(0.04)	1.53	(0.08)	-0.96	(0.10)	
Tunisia	1.80	(0.06)	1.85	(0.06)	1.84	(0.06)	2.23	(0.08)	-0.43	(0.10)	
Uruguay	0.58	(0.05)	0.58	(0.04)	0.68	(0.04)	0.60	(0.03)	-0.02	(0.07)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.91	(0.03)	1.09	(0.03)	1.21	(0.04)	1.49	(0.03)	-0.59	(0.04)
	Austria	1.30	(0.05)	1.26	(0.05)	1.29	(0.06)	1.25	(0.06)	0.03	(0.06)
	Belgium	0.96	(0.04)	1.13	(0.03)	1.35	(0.04)	1.57	(0.03)	-0.60	(0.05)
	Canada	1.25	(0.04)	1.42	(0.04)	1.70	(0.04)	1.85	(0.05)	-0.61	(0.05)
	Czech Republic	0.92	(0.04)	1.03	(0.06)	0.97	(0.06)	1.09	(0.04)	-0.18	(0.05)
	Denmark	1.04	(0.04)	1.03	(0.04)	1.10	(0.03)	1.18	(0.04)	-0.14	(0.06)
	Finland	0.99	(0.04)	1.06	(0.03)	1.09	(0.03)	1.15	(0.03)	-0.16	(0.04)
	France	1.03	(0.04)	1.18	(0.05)	1.35	(0.05)	1.71	(0.05)	-0.67	(0.07)
	Germany	1.58	(0.05)	1.70	(0.05)	1.79	(0.05)	1.77	(0.05)	-0.20	(0.08)
	Greece	1.60	(0.06)	1.67	(0.06)	1.88	(0.06)	2.23	(0.06)	-0.62	(0.08)
	Hungary	1.43	(0.04)	1.56	(0.06)	1.59	(0.05)	1.80	(0.07)	-0.37	(0.08)
	Iceland	1.07	(0.04)	1.12	(0.03)	1.18	(0.04)	1.30	(0.04)	-0.23	(0.05)
	Ireland	0.97	(0.05)	1.11	(0.04)	1.29	(0.04)	1.43	(0.05)	-0.46	(0.06)
	Italy	1.86	(0.04)	2.05	(0.05)	2.26	(0.05)	2.21	(0.08)	-0.36	(0.08)
	Japan	0.54	(0.02)	0.64	(0.03)	0.75	(0.03)	0.82	(0.03)	-0.28	(0.03)
	Korea	0.91	(0.04)	1.03	(0.04)	1.27	(0.05)	1.67	(0.15)	-0.76	(0.16)
	Luxembourg	1.17	(0.04)	1.31	(0.04)	1.26	(0.04)	1.27	(0.04)	-0.10	(0.06)
	Mexico	2.16	(0.07)	2.10	(0.04)	2.11	(0.04)	2.13	(0.04)	0.04	(0.08)
	Netherlands	1.11	(0.04)	1.10	(0.04)	1.26	(0.05)	1.38	(0.04)	-0.27	(0.05)
	New Zealand	1.02	(0.04)	1.19	(0.05)	1.35	(0.04)	1.57	(0.05)	-0.56	(0.06)
Norway	1.15	(0.04)	1.22	(0.04)	1.18	(0.04)	1.36	(0.04)	-0.21	(0.05)	
Poland	2.01	(0.05)	1.91	(0.05)	2.02	(0.05)	2.14	(0.06)	-0.13	(0.08)	
Portugal	1.83	(0.06)	2.07	(0.06)	2.13	(0.06)	2.31	(0.06)	-0.49	(0.09)	
Slovak Republic	1.18	(0.05)	1.28	(0.06)	1.42	(0.07)	1.68	(0.07)	-0.51	(0.08)	
Spain	1.45	(0.05)	1.63	(0.04)	1.81	(0.05)	2.06	(0.05)	-0.61	(0.07)	
Sweden	1.02	(0.04)	1.11	(0.03)	1.21	(0.04)	1.27	(0.04)	-0.26	(0.06)	
Switzerland	1.06	(0.03)	1.07	(0.03)	1.09	(0.03)	1.24	(0.03)	-0.18	(0.04)	
Turkey	1.47	(0.05)	1.51	(0.06)	1.62	(0.07)	1.96	(0.11)	-0.49	(0.12)	
United Kingdom	1.15	(0.03)	1.38	(0.03)	1.52	(0.04)	1.77	(0.04)	-0.61	(0.05)	
United States	1.40	(0.05)	1.48	(0.04)	1.77	(0.05)	2.08	(0.06)	-0.69	(0.08)	
	OECD average	1.25	(0.01)	1.35	(0.01)	1.46	(0.01)	1.63	(0.01)	-0.38	(0.01)
Partners	Argentina	1.35	(0.06)	1.57	(0.05)	1.67	(0.06)	1.77	(0.07)	-0.41	(0.09)
	Azerbaijan	2.48	(0.09)	2.60	(0.07)	2.71	(0.07)	2.78	(0.08)	-0.27	(0.12)
	Brazil	1.69	(0.05)	1.54	(0.04)	1.74	(0.05)	1.83	(0.03)	-0.14	(0.07)
	Bulgaria	1.65	(0.08)	1.81	(0.06)	2.13	(0.08)	2.44	(0.09)	-0.78	(0.11)
	Chile	1.37	(0.04)	1.42	(0.04)	1.66	(0.06)	1.63	(0.05)	-0.27	(0.06)
	Colombia	1.83	(0.07)	1.85	(0.07)	1.68	(0.06)	1.95	(0.09)	-0.10	(0.13)
	Croatia	1.26	(0.06)	1.42	(0.06)	1.49	(0.06)	1.68	(0.05)	-0.41	(0.07)
	Estonia	1.41	(0.04)	1.50	(0.05)	1.58	(0.04)	1.67	(0.05)	-0.26	(0.07)
	Hong Kong-China	1.14	(0.05)	1.34	(0.05)	1.40	(0.06)	1.88	(0.08)	-0.75	(0.09)
	Indonesia	1.73	(0.05)	1.69	(0.04)	1.80	(0.06)	1.91	(0.09)	-0.19	(0.10)
	Israel	1.46	(0.06)	1.42	(0.07)	1.22	(0.06)	1.33	(0.06)	0.15	(0.08)
	Jordan	2.42	(0.08)	2.58	(0.07)	2.71	(0.06)	2.88	(0.08)	-0.46	(0.10)
	Kyrgyzstan	2.13	(0.09)	2.17	(0.06)	2.13	(0.06)	2.12	(0.06)	0.00	(0.10)
	Latvia	1.66	(0.06)	1.80	(0.06)	1.83	(0.05)	1.91	(0.06)	-0.25	(0.08)
	Liechtenstein	1.14	(0.11)	0.98	(0.11)	1.14	(0.14)	1.49	(0.13)	-0.35	(0.18)
	Lithuania	1.62	(0.05)	1.57	(0.05)	1.69	(0.05)	1.87	(0.05)	-0.25	(0.07)
	Macao-China	1.21	(0.04)	1.34	(0.05)	1.38	(0.05)	1.56	(0.06)	-0.34	(0.07)
	Montenegro	2.03	(0.06)	2.17	(0.06)	2.24	(0.07)	2.37	(0.06)	-0.35	(0.09)
	Qatar	1.84	(0.05)	1.96	(0.05)	2.14	(0.05)	2.21	(0.05)	-0.38	(0.06)
	Romania	1.44	(0.09)	1.46	(0.08)	1.68	(0.07)	1.88	(0.06)	-0.44	(0.12)
Russian Federation	2.62	(0.09)	2.82	(0.09)	2.93	(0.07)	3.11	(0.06)	-0.50	(0.10)	
Serbia	1.47	(0.06)	1.66	(0.06)	1.68	(0.07)	2.03	(0.07)	-0.56	(0.08)	
Slovenia	1.40	(0.05)	1.58	(0.05)	1.51	(0.05)	1.64	(0.05)	-0.24	(0.07)	
Chinese Taipei	0.86	(0.03)	1.11	(0.04)	1.31	(0.04)	1.69	(0.05)	-0.84	(0.06)	
Thailand	1.70	(0.07)	1.75	(0.05)	1.74	(0.05)	2.03	(0.05)	-0.33	(0.09)	
Tunisia	2.48	(0.07)	2.53	(0.07)	2.55	(0.06)	2.87	(0.07)	-0.39	(0.11)	
Uruguay	1.12	(0.06)	1.29	(0.05)	1.40	(0.05)	1.47	(0.05)	-0.35	(0.07)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.10	(0.08)	4.58	(0.06)	4.88	(0.08)	5.56	(0.08)	-1.47	(0.10)
	Austria	3.63	(0.11)	3.72	(0.11)	4.08	(0.14)	4.42	(0.14)	-0.81	(0.14)
	Belgium	3.26	(0.12)	3.94	(0.11)	4.48	(0.10)	5.16	(0.07)	-1.86	(0.14)
	Canada	5.26	(0.09)	5.87	(0.09)	6.50	(0.09)	6.91	(0.11)	-1.68	(0.11)
	Czech Republic	3.87	(0.10)	4.21	(0.14)	4.48	(0.18)	5.32	(0.14)	-1.48	(0.15)
	Denmark	4.82	(0.12)	4.91	(0.11)	5.05	(0.08)	5.46	(0.10)	-0.64	(0.14)
	Finland	4.18	(0.10)	4.42	(0.08)	4.57	(0.08)	4.91	(0.07)	-0.74	(0.11)
	France	3.63	(0.11)	4.32	(0.11)	4.93	(0.12)	6.05	(0.12)	-2.43	(0.16)
	Germany	4.54	(0.13)	5.17	(0.11)	5.62	(0.12)	5.84	(0.10)	-1.33	(0.16)
	Greece	5.66	(0.16)	6.61	(0.16)	7.24	(0.15)	8.56	(0.16)	-2.92	(0.23)
	Hungary	4.53	(0.11)	4.87	(0.13)	5.13	(0.12)	5.89	(0.21)	-1.35	(0.23)
	Iceland	4.04	(0.08)	4.21	(0.07)	4.61	(0.08)	4.83	(0.08)	-0.79	(0.11)
	Ireland	3.55	(0.12)	3.86	(0.10)	4.22	(0.10)	4.58	(0.10)	-1.03	(0.15)
	Italy	5.12	(0.10)	5.57	(0.11)	5.95	(0.12)	5.68	(0.19)	-0.56	(0.18)
	Japan	3.26	(0.07)	3.49	(0.08)	3.81	(0.09)	4.01	(0.10)	-0.76	(0.09)
	Korea	4.89	(0.11)	5.47	(0.11)	6.10	(0.14)	6.89	(0.39)	-2.01	(0.42)
	Luxembourg	3.73	(0.09)	4.14	(0.09)	4.19	(0.10)	4.34	(0.08)	-0.61	(0.12)
	Mexico	6.43	(0.17)	6.05	(0.09)	6.13	(0.10)	6.36	(0.11)	0.10	(0.20)
	Netherlands	3.55	(0.12)	3.60	(0.10)	4.00	(0.12)	4.47	(0.10)	-0.91	(0.14)
	New Zealand	5.01	(0.12)	5.57	(0.11)	5.99	(0.09)	6.46	(0.10)	-1.44	(0.15)
	Norway	4.61	(0.09)	4.82	(0.09)	4.74	(0.09)	5.03	(0.10)	-0.41	(0.13)
	Poland	5.14	(0.10)	5.07	(0.10)	5.40	(0.10)	5.83	(0.11)	-0.71	(0.15)
	Portugal	5.01	(0.13)	5.75	(0.14)	6.10	(0.13)	6.86	(0.16)	-1.87	(0.21)
	Slovak Republic	3.60	(0.13)	4.02	(0.17)	4.54	(0.16)	5.88	(0.18)	-2.29	(0.20)
	Spain	4.78	(0.10)	5.20	(0.10)	5.73	(0.10)	6.52	(0.13)	-1.74	(0.16)
	Sweden	4.18	(0.09)	4.36	(0.06)	4.59	(0.07)	4.67	(0.08)	-0.50	(0.12)
Switzerland	3.41	(0.07)	3.61	(0.08)	3.85	(0.09)	4.62	(0.10)	-1.20	(0.11)	
Turkey	4.89	(0.20)	5.12	(0.17)	5.61	(0.20)	7.63	(0.38)	-2.74	(0.41)	
United Kingdom	5.47	(0.09)	6.02	(0.08)	6.38	(0.07)	6.92	(0.09)	-1.44	(0.11)	
United States	5.07	(0.14)	5.63	(0.11)	6.31	(0.10)	7.04	(0.11)	-1.98	(0.20)	
	OECD average	4.44	(0.02)	4.81	(0.02)	5.17	(0.02)	5.76	(0.03)	-1.32	(0.03)
Partners	Argentina	3.76	(0.13)	4.13	(0.11)	4.46	(0.13)	4.94	(0.13)	-1.18	(0.18)
	Azerbaijan	6.52	(0.18)	6.72	(0.16)	6.91	(0.16)	7.17	(0.16)	-0.60	(0.23)
	Brazil	4.33	(0.11)	4.21	(0.10)	4.65	(0.10)	5.60	(0.12)	-1.23	(0.16)
	Bulgaria	4.73	(0.18)	5.21	(0.14)	5.91	(0.16)	6.75	(0.22)	-2.04	(0.25)
	Chile	3.93	(0.10)	4.28	(0.10)	4.91	(0.13)	5.69	(0.12)	-1.75	(0.15)
	Colombia	6.12	(0.14)	6.28	(0.27)	5.80	(0.14)	6.93	(0.30)	-0.78	(0.33)
	Croatia	3.27	(0.13)	3.80	(0.12)	3.97	(0.13)	4.68	(0.10)	-1.40	(0.14)
	Estonia	5.28	(0.10)	5.39	(0.10)	5.61	(0.12)	6.02	(0.10)	-0.75	(0.13)
	Hong Kong-China	4.45	(0.15)	5.18	(0.15)	5.34	(0.16)	6.84	(0.20)	-2.38	(0.27)
	Indonesia	5.41	(0.12)	5.60	(0.11)	5.95	(0.14)	7.22	(0.25)	-1.80	(0.28)
	Israel	4.63	(0.16)	4.88	(0.17)	4.45	(0.16)	5.11	(0.16)	-0.42	(0.23)
	Jordan	6.70	(0.15)	7.10	(0.15)	7.58	(0.10)	8.24	(0.14)	-1.55	(0.19)
	Kyrgyzstan	5.64	(0.22)	5.49	(0.13)	5.58	(0.13)	5.79	(0.14)	-0.15	(0.26)
	Latvia	4.86	(0.14)	5.22	(0.13)	5.40	(0.11)	5.73	(0.16)	-0.88	(0.21)
	Liechtenstein	4.22	(0.31)	3.59	(0.22)	4.16	(0.26)	5.20	(0.28)	-0.96	(0.44)
	Lithuania	4.72	(0.12)	4.78	(0.11)	4.97	(0.09)	5.30	(0.11)	-0.59	(0.15)
	Macao-China	5.70	(0.11)	6.33	(0.13)	6.01	(0.12)	6.39	(0.13)	-0.70	(0.16)
	Montenegro	5.48	(0.13)	5.95	(0.14)	6.08	(0.16)	6.82	(0.14)	-1.35	(0.20)
	Qatar	5.48	(0.09)	5.84	(0.13)	6.66	(0.14)	6.84	(0.13)	-1.35	(0.16)
	Romania	4.37	(0.21)	4.40	(0.16)	4.94	(0.16)	5.80	(0.19)	-1.46	(0.31)
	Russian Federation	7.15	(0.19)	7.55	(0.19)	7.88	(0.18)	8.32	(0.13)	-1.19	(0.21)
	Serbia	4.59	(0.12)	5.16	(0.13)	5.38	(0.16)	6.28	(0.14)	-1.67	(0.17)
	Slovenia	4.45	(0.12)	5.02	(0.11)	5.06	(0.10)	5.77	(0.10)	-1.32	(0.16)
	Chinese Taipei	3.90	(0.13)	4.52	(0.12)	5.19	(0.12)	6.18	(0.13)	-2.30	(0.17)
	Thailand	5.84	(0.13)	6.18	(0.10)	6.14	(0.13)	7.94	(0.17)	-2.11	(0.24)
	Tunisia	6.57	(0.14)	6.78	(0.15)	7.02	(0.13)	8.20	(0.24)	-1.61	(0.28)
Uruguay	3.71	(0.16)	4.10	(0.11)	4.62	(0.14)	4.97	(0.13)	-1.27	(0.17)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

	Allocation of total learning time in science for									
	Regular school lessons									
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD										
Australia	72.1	(0.6)	71.9	(0.5)	70.6	(0.5)	69.2	(0.5)	2.6	(0.8)
Austria	58.3	(1.0)	62.7	(1.0)	65.5	(1.0)	70.0	(0.9)	-11.5	(1.3)
Belgium	62.2	(0.8)	63.4	(0.8)	63.7	(0.6)	64.9	(0.5)	-3.0	(1.1)
Canada	66.2	(0.7)	67.1	(0.6)	65.6	(0.6)	66.1	(0.5)	-0.0	(0.8)
Czech Republic	66.2	(1.2)	67.4	(1.3)	69.8	(0.9)	71.5	(0.7)	-4.8	(1.3)
Denmark	66.5	(1.0)	67.5	(0.8)	66.6	(0.8)	66.3	(0.6)	0.2	(1.1)
Finland	70.7	(0.7)	70.3	(0.6)	70.5	(0.7)	72.2	(0.6)	-1.6	(0.9)
France	61.9	(1.0)	62.1	(0.9)	62.9	(0.8)	65.1	(0.7)	-3.5	(1.1)
Germany	52.4	(0.9)	58.3	(0.8)	59.0	(1.0)	62.2	(0.8)	-9.9	(1.2)
Greece	48.7	(0.8)	48.0	(0.9)	47.1	(0.9)	49.5	(0.9)	-1.0	(1.2)
Hungary	48.5	(0.9)	51.0	(0.9)	52.0	(0.9)	54.7	(0.7)	-6.2	(1.2)
Iceland	70.3	(0.7)	70.9	(0.7)	70.1	(0.8)	69.3	(0.7)	0.9	(1.0)
Ireland	68.0	(0.9)	66.8	(1.0)	64.9	(0.7)	65.4	(0.8)	2.6	(1.2)
Italy	54.9	(0.6)	54.3	(0.5)	53.9	(0.5)	52.9	(0.5)	2.0	(0.8)
Japan	79.8	(0.7)	79.2	(0.7)	77.8	(0.8)	77.0	(0.6)	2.9	(0.8)
Korea	72.4	(0.8)	70.3	(0.7)	65.2	(0.8)	61.8	(1.1)	10.7	(1.3)
Luxembourg	57.2	(0.9)	57.9	(1.0)	61.6	(0.8)	62.6	(0.8)	-6.1	(1.3)
Mexico	47.6	(1.1)	46.8	(0.6)	47.7	(0.6)	52.1	(0.8)	-4.4	(1.4)
Netherlands	53.4	(1.0)	55.6	(0.9)	56.1	(1.3)	60.7	(0.9)	-7.5	(1.2)
New Zealand	73.7	(0.8)	73.6	(0.7)	73.2	(0.7)	71.7	(0.6)	2.2	(1.0)
Norway	59.3	(0.8)	59.4	(0.9)	61.1	(0.8)	58.7	(0.8)	0.4	(1.1)
Poland	51.7	(0.7)	52.9	(0.7)	53.6	(0.7)	54.4	(0.6)	-2.6	(0.9)
Portugal	52.2	(1.0)	53.4	(0.8)	55.4	(0.7)	57.6	(0.7)	-5.4	(1.2)
Slovak Republic	56.1	(0.9)	59.7	(1.2)	59.2	(1.1)	60.0	(0.9)	-3.9	(1.3)
Spain	58.9	(0.8)	57.9	(0.6)	59.1	(0.7)	59.8	(0.5)	-0.8	(1.0)
Sweden	67.5	(0.9)	66.4	(0.9)	66.4	(0.7)	66.6	(0.7)	1.0	(1.0)
Switzerland	58.0	(0.9)	61.1	(0.8)	63.3	(0.8)	65.9	(0.5)	-8.2	(1.1)
Turkey	49.0	(0.9)	52.6	(1.1)	51.4	(1.0)	51.7	(0.9)	-2.5	(1.4)
United Kingdom	72.4	(0.7)	70.9	(0.5)	69.8	(0.5)	69.7	(0.5)	2.8	(0.8)
United States	56.2	(1.4)	58.4	(0.8)	59.1	(0.8)	60.8	(0.7)	-4.6	(1.6)
OECD average	61.1	(0.2)	61.9	(0.2)	62.1	(0.1)	63.0	(0.1)	-2.0	(0.2)
Partners										
Argentina	52.4	(1.3)	50.4	(1.4)	52.8	(1.2)	57.0	(1.2)	-4.9	(1.8)
Azerbaijan	41.9	(1.1)	41.7	(0.9)	44.0	(0.9)	44.9	(0.9)	-3.1	(1.3)
Brazil	48.2	(0.9)	50.9	(0.9)	49.1	(0.9)	53.0	(0.8)	-4.9	(1.2)
Bulgaria	46.4	(1.2)	47.8	(1.2)	49.6	(1.0)	51.5	(0.8)	-5.5	(1.5)
Chile	44.5	(0.9)	47.6	(0.9)	47.5	(0.9)	56.5	(0.7)	-11.4	(1.1)
Colombia	58.2	(1.5)	57.8	(1.1)	59.2	(1.0)	60.3	(0.9)	-2.4	(1.9)
Croatia	51.1	(1.0)	55.5	(0.8)	54.9	(0.9)	56.5	(1.1)	-5.6	(1.3)
Estonia	61.2	(1.0)	60.5	(0.9)	61.1	(0.8)	63.2	(0.9)	-2.0	(1.2)
Hong Kong-China	63.3	(1.0)	62.5	(0.9)	60.3	(0.8)	57.9	(0.8)	5.3	(1.3)
Indonesia	54.4	(1.0)	54.2	(0.8)	53.6	(1.4)	56.2	(1.5)	-1.9	(1.3)
Israel	47.4	(1.5)	54.1	(1.3)	56.8	(1.2)	59.4	(1.1)	-11.9	(1.8)
Jordan	40.9	(1.0)	42.3	(0.8)	43.5	(0.8)	45.0	(0.9)	-4.2	(1.2)
Kyrgyzstan	32.8	(1.3)	33.0	(0.9)	35.0	(1.0)	40.9	(1.0)	-7.9	(1.5)
Latvia	54.9	(0.8)	55.1	(1.0)	56.5	(0.8)	57.9	(0.7)	-3.0	(1.0)
Liechtenstein	57.0	(2.7)	64.0	(2.7)	65.4	(2.8)	61.0	(2.4)	-4.3	(3.7)
Lithuania	55.0	(1.0)	58.3	(0.7)	57.9	(0.7)	57.2	(0.9)	-2.1	(1.2)
Macao-China	64.7	(0.9)	66.3	(0.8)	64.7	(0.9)	63.4	(0.8)	1.2	(1.1)
Montenegro	44.4	(0.8)	46.4	(0.9)	47.0	(0.9)	49.5	(0.8)	-5.2	(1.1)
Qatar	38.6	(0.8)	39.4	(0.7)	42.3	(0.7)	42.5	(0.6)	-3.9	(1.0)
Romania	44.5	(1.5)	48.4	(1.6)	49.1	(1.2)	50.6	(0.9)	-6.1	(1.7)
Russian Federation	47.8	(0.9)	47.3	(0.7)	49.4	(0.7)	49.9	(0.7)	-2.1	(1.1)
Serbia	56.3	(0.8)	55.2	(1.0)	57.9	(0.9)	58.0	(0.8)	-2.0	(1.1)
Slovenia	52.3	(0.9)	53.9	(0.8)	56.3	(0.9)	60.4	(0.8)	-7.7	(1.1)
Chinese Taipei	67.6	(0.8)	64.6	(0.7)	62.8	(0.7)	59.8	(0.6)	7.6	(1.0)
Thailand	66.3	(0.8)	64.1	(0.6)	63.9	(0.7)	61.2	(0.7)	5.1	(1.2)
Tunisia	36.7	(0.7)	37.1	(0.7)	37.8	(0.9)	37.4	(0.8)	-0.6	(1.1)
Uruguay	55.0	(1.0)	55.0	(1.0)	55.2	(0.9)	59.5	(0.9)	-4.2	(1.4)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science for									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.9	(0.4)	6.2	(0.2)	6.1	(0.3)	5.8	(0.3)	1.2	(0.5)
	Austria	6.4	(0.6)	4.3	(0.5)	3.6	(0.5)	2.6	(0.3)	3.7	(0.8)
	Belgium	8.3	(0.5)	7.2	(0.5)	5.8	(0.4)	4.9	(0.3)	3.4	(0.6)
	Canada	9.3	(0.4)	8.4	(0.4)	8.4	(0.4)	7.8	(0.3)	1.6	(0.5)
	Czech Republic	11.1	(0.7)	9.7	(0.6)	9.9	(0.5)	8.9	(0.5)	2.0	(0.8)
	Denmark	13.6	(0.5)	12.4	(0.5)	12.7	(0.5)	13.5	(0.4)	0.1	(0.7)
	Finland	6.7	(0.4)	6.1	(0.4)	6.0	(0.3)	4.9	(0.4)	1.7	(0.5)
	France	12.0	(0.7)	11.8	(0.6)	10.4	(0.5)	8.6	(0.6)	3.5	(0.9)
	Germany	10.5	(0.6)	8.0	(0.5)	8.2	(0.6)	7.2	(0.4)	3.5	(0.6)
	Greece	24.0	(0.6)	26.9	(0.7)	27.7	(0.7)	26.2	(0.9)	-2.4	(1.1)
	Hungary	20.7	(0.8)	17.5	(0.7)	17.5	(0.7)	15.7	(0.6)	5.0	(1.0)
	Iceland	4.9	(0.4)	4.2	(0.4)	5.9	(0.5)	5.3	(0.4)	-0.4	(0.6)
	Ireland	6.3	(0.5)	5.9	(0.4)	6.8	(0.4)	5.6	(0.4)	0.6	(0.6)
	Italy	9.2	(0.4)	9.3	(0.4)	8.7	(0.3)	9.4	(0.5)	-0.3	(0.6)
	Japan	6.2	(0.4)	4.8	(0.4)	4.8	(0.4)	4.7	(0.3)	1.4	(0.5)
	Korea	10.6	(0.6)	12.7	(0.6)	15.7	(0.6)	16.3	(0.7)	-5.7	(0.8)
	Luxembourg	12.2	(0.7)	11.3	(0.6)	8.6	(0.6)	7.7	(0.5)	4.7	(0.9)
	Mexico	16.5	(0.9)	14.8	(0.5)	15.5	(0.4)	12.9	(0.6)	3.7	(1.1)
	Netherlands	14.6	(0.8)	13.9	(0.7)	12.7	(0.9)	9.2	(0.6)	5.4	(1.0)
	New Zealand	7.0	(0.6)	6.2	(0.4)	5.9	(0.4)	5.6	(0.4)	1.2	(0.7)
Norway	18.0	(0.5)	17.3	(0.6)	15.9	(0.6)	16.2	(0.6)	1.8	(0.7)	
Poland	10.4	(0.6)	10.4	(0.5)	10.1	(0.5)	10.2	(0.4)	0.3	(0.7)	
Portugal	10.4	(0.7)	9.5	(0.6)	8.8	(0.4)	8.5	(0.4)	2.1	(0.8)	
Slovak Republic	12.3	(0.6)	10.5	(0.7)	11.6	(0.7)	12.4	(0.5)	-0.1	(0.8)	
Spain	11.3	(0.5)	11.4	(0.5)	10.5	(0.5)	9.6	(0.6)	1.8	(0.9)	
Sweden	9.5	(0.5)	9.1	(0.5)	9.2	(0.4)	8.7	(0.5)	0.7	(0.7)	
Switzerland	10.2	(0.5)	8.4	(0.4)	8.1	(0.4)	6.5	(0.3)	3.8	(0.6)	
Turkey	20.7	(0.8)	18.4	(0.8)	20.9	(0.8)	23.9	(0.7)	-2.9	(1.1)	
United Kingdom	7.0	(0.4)	7.0	(0.3)	6.9	(0.2)	6.0	(0.3)	1.1	(0.4)	
United States	15.0	(1.1)	13.1	(0.6)	12.4	(0.5)	9.6	(0.5)	5.3	(1.3)	
	OECD average	11.4	(0.1)	10.6	(0.1)	10.5	(0.1)	9.8	(0.1)	1.6	(0.1)
Partners	Argentina	11.5	(1.0)	11.2	(0.9)	9.0	(0.6)	6.9	(0.7)	4.8	(1.3)
	Azerbaijan	21.3	(0.9)	20.2	(0.8)	17.9	(0.7)	17.9	(0.6)	3.1	(1.0)
	Brazil	13.8	(0.8)	13.9	(0.7)	14.6	(0.6)	14.3	(0.6)	-0.3	(1.0)
	Bulgaria	18.9	(0.9)	17.7	(0.9)	14.7	(0.8)	13.7	(0.7)	5.4	(1.1)
	Chile	19.3	(0.8)	17.4	(0.7)	15.2	(0.5)	13.4	(0.6)	5.8	(0.9)
	Colombia	13.6	(0.7)	13.5	(0.7)	12.8	(0.6)	12.4	(0.7)	1.2	(1.0)
	Croatia	11.0	(0.7)	9.8	(0.6)	9.3	(0.6)	9.4	(0.7)	2.1	(1.0)
	Estonia	13.5	(0.6)	13.6	(0.6)	12.3	(0.6)	11.0	(0.7)	2.5	(0.9)
	Hong Kong-China	11.5	(0.6)	13.6	(0.6)	14.7	(0.6)	15.6	(0.6)	-4.0	(0.8)
	Indonesia	13.8	(0.7)	15.2	(0.6)	16.0	(0.9)	17.3	(1.2)	-3.6	(0.9)
	Israel	21.7	(1.0)	18.9	(0.7)	16.9	(0.7)	15.8	(0.6)	5.8	(1.1)
	Jordan	20.8	(0.7)	20.3	(0.6)	20.5	(0.7)	19.4	(0.8)	1.4	(1.1)
	Kyrgyzstan	27.1	(1.0)	27.7	(0.9)	26.6	(1.1)	22.0	(0.7)	5.1	(1.2)
	Latvia	11.3	(0.7)	11.1	(0.7)	10.2	(0.5)	9.1	(0.5)	2.2	(1.0)
	Liechtenstein	14.5	(2.1)	8.2	(1.8)	9.1	(2.0)	8.8	(2.1)	5.3	(2.8)
	Lithuania	12.4	(0.7)	10.0	(0.5)	9.5	(0.4)	8.3	(0.5)	4.2	(0.9)
	Macao-China	15.5	(0.7)	14.1	(0.6)	14.2	(0.6)	14.2	(0.7)	1.4	(1.0)
	Montenegro	16.7	(0.6)	16.8	(0.8)	15.7	(0.8)	15.2	(0.6)	1.6	(1.0)
	Qatar	26.5	(0.6)	25.2	(0.6)	24.0	(0.8)	23.5	(0.6)	3.1	(0.9)
	Romania	22.2	(1.5)	19.7	(1.5)	18.0	(0.8)	18.0	(0.8)	4.0	(1.8)
	Russian Federation	16.7	(1.0)	16.1	(0.8)	14.2	(0.6)	13.0	(0.5)	3.8	(1.0)
	Serbia	14.2	(0.7)	14.3	(0.6)	13.4	(0.7)	11.4	(0.5)	3.0	(1.0)
	Slovenia	15.0	(0.6)	13.6	(0.5)	13.2	(0.6)	10.8	(0.5)	4.2	(0.8)
	Chinese Taipei	11.4	(0.5)	11.7	(0.5)	12.6	(0.5)	13.4	(0.5)	-2.1	(0.7)
	Thailand	6.9	(0.5)	9.0	(0.6)	9.6	(0.5)	14.3	(0.7)	-7.4	(0.9)
	Tunisia	25.9	(0.8)	26.1	(0.7)	25.3	(0.8)	26.1	(0.5)	-0.2	(1.0)
Uruguay	12.8	(0.7)	12.5	(0.7)	13.0	(0.6)	9.8	(0.5)	3.0	(1.0)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7a Mean learning hours and allocation of total learning time in science, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science for									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	21.0	(0.4)	21.9	(0.5)	23.3	(0.4)	25.0	(0.4)	-3.9	(0.6)
	Austria	35.3	(0.9)	33.0	(0.9)	30.9	(1.0)	27.4	(0.8)	7.7	(1.2)
	Belgium	29.5	(0.7)	29.4	(0.6)	30.5	(0.5)	30.2	(0.5)	-0.3	(0.9)
	Canada	24.4	(0.6)	24.6	(0.5)	26.0	(0.5)	26.1	(0.5)	-1.6	(0.7)
	Czech Republic	22.6	(0.9)	23.0	(1.1)	20.4	(0.8)	19.6	(0.7)	2.7	(1.1)
	Denmark	20.0	(0.6)	20.1	(0.6)	20.8	(0.5)	20.2	(0.5)	-0.4	(0.8)
	Finland	22.6	(0.6)	23.6	(0.5)	23.5	(0.6)	22.9	(0.5)	-0.2	(0.8)
	France	26.1	(0.7)	26.1	(0.7)	26.6	(0.6)	26.4	(0.5)	-0.1	(0.8)
	Germany	37.2	(0.7)	33.6	(0.6)	32.9	(0.7)	30.6	(0.6)	6.4	(1.1)
	Greece	27.4	(0.6)	25.0	(0.7)	25.2	(0.6)	24.2	(0.5)	3.3	(0.7)
	Hungary	30.9	(0.6)	31.4	(0.7)	30.5	(0.7)	29.7	(0.5)	1.3	(0.8)
	Iceland	24.8	(0.6)	24.9	(0.6)	24.1	(0.6)	25.4	(0.6)	-0.6	(0.8)
	Ireland	25.7	(0.7)	27.3	(0.8)	28.3	(0.6)	29.1	(0.7)	-3.3	(1.0)
	Italy	36.0	(0.6)	36.4	(0.3)	37.4	(0.5)	37.7	(0.4)	-1.7	(0.6)
	Japan	14.1	(0.5)	16.0	(0.6)	17.4	(0.7)	18.3	(0.5)	-4.2	(0.6)
	Korea	17.0	(0.6)	16.9	(0.5)	19.1	(0.5)	21.9	(0.7)	-4.9	(0.9)
	Luxembourg	30.6	(0.7)	30.8	(0.8)	29.8	(0.8)	29.7	(0.6)	1.3	(0.9)
	Mexico	35.9	(0.7)	38.4	(0.6)	36.8	(0.5)	35.1	(0.6)	0.7	(0.9)
	Netherlands	32.1	(0.9)	30.5	(0.7)	31.3	(0.8)	30.1	(0.7)	2.0	(1.1)
	New Zealand	19.3	(0.6)	20.2	(0.5)	20.8	(0.5)	22.7	(0.6)	-3.4	(0.8)
	Norway	22.7	(0.6)	23.4	(0.5)	22.9	(0.5)	25.1	(0.5)	-2.2	(0.8)
	Poland	37.8	(0.6)	36.6	(0.7)	36.4	(0.6)	35.4	(0.6)	2.5	(0.9)
	Portugal	37.3	(0.9)	37.2	(0.6)	35.8	(0.7)	34.0	(0.7)	3.4	(1.1)
	Slovak Republic	31.5	(0.9)	29.9	(0.9)	29.1	(0.8)	27.7	(0.7)	3.9	(1.3)
	Spain	29.8	(0.6)	30.7	(0.5)	30.4	(0.6)	30.6	(0.6)	-0.9	(0.9)
	Sweden	23.0	(0.7)	24.5	(0.8)	24.3	(0.6)	24.7	(0.7)	-1.8	(0.8)
Switzerland	31.8	(0.7)	30.5	(0.6)	28.6	(0.6)	27.6	(0.5)	4.3	(0.8)	
Turkey	30.3	(0.8)	29.2	(0.9)	27.5	(0.7)	24.5	(0.6)	5.5	(1.1)	
United Kingdom	20.5	(0.5)	22.1	(0.5)	23.3	(0.5)	24.3	(0.4)	-3.8	(0.6)	
United States	28.9	(0.6)	28.4	(0.7)	28.6	(0.7)	29.6	(0.5)	-0.9	(0.8)	
OECD average	27.5	(0.1)	27.5	(0.1)	27.4	(0.1)	27.2	(0.1)	0.4	(0.2)	
Partners	Argentina	36.0	(0.9)	38.6	(1.2)	38.2	(1.1)	36.1	(1.0)	0.2	(1.4)
	Azerbaijan	36.9	(0.8)	37.9	(0.9)	38.3	(0.7)	37.1	(0.6)	-0.1	(1.0)
	Brazil	37.9	(0.9)	35.3	(0.8)	36.4	(0.8)	32.7	(0.6)	5.1	(1.2)
	Bulgaria	34.7	(1.1)	34.5	(0.8)	35.7	(0.8)	34.8	(0.6)	0.1	(1.2)
	Chile	36.1	(0.7)	34.9	(0.8)	37.3	(0.8)	30.0	(0.7)	5.5	(0.8)
	Colombia	28.2	(1.1)	28.6	(0.8)	28.0	(0.7)	27.3	(0.6)	1.1	(1.1)
	Croatia	38.0	(0.9)	34.7	(0.7)	35.8	(0.8)	34.1	(0.9)	3.8	(1.3)
	Estonia	25.3	(0.7)	25.9	(0.7)	26.7	(0.6)	25.8	(0.6)	-0.5	(1.0)
	Hong Kong-China	25.1	(0.8)	23.9	(0.6)	25.1	(0.7)	26.5	(0.6)	-1.3	(1.0)
	Indonesia	31.9	(0.7)	30.6	(0.6)	30.4	(0.7)	26.4	(0.7)	5.4	(0.9)
	Israel	30.9	(1.0)	27.0	(1.0)	26.3	(0.9)	24.8	(1.0)	5.9	(1.2)
	Jordan	38.3	(0.8)	37.5	(0.7)	35.9	(0.7)	35.7	(0.8)	2.8	(1.0)
	Kyrgyzstan	40.1	(0.8)	39.3	(0.9)	38.4	(0.9)	37.1	(0.7)	2.8	(1.0)
	Latvia	33.9	(0.7)	33.7	(0.9)	33.3	(0.6)	32.9	(0.6)	0.7	(0.9)
	Liechtenstein	28.6	(2.2)	27.7	(2.4)	25.8	(2.2)	29.9	(1.9)	-0.8	(2.6)
	Lithuania	32.6	(0.6)	31.6	(0.7)	32.6	(0.6)	34.6	(0.6)	-2.0	(0.9)
	Macao-China	19.8	(0.7)	19.6	(0.6)	21.1	(0.6)	22.4	(0.6)	-2.7	(0.8)
	Montenegro	39.0	(0.8)	36.8	(1.0)	37.3	(0.9)	35.3	(0.8)	3.5	(1.1)
	Qatar	34.9	(0.7)	35.5	(0.6)	33.5	(0.6)	34.0	(0.6)	0.8	(0.9)
	Romania	33.4	(1.0)	31.8	(0.9)	32.8	(0.8)	31.3	(0.8)	2.1	(1.4)
	Russian Federation	35.5	(0.9)	36.6	(0.7)	36.4	(0.7)	37.2	(0.5)	-1.7	(0.9)
	Serbia	29.5	(0.8)	30.4	(0.8)	28.7	(0.6)	30.6	(0.7)	-1.1	(1.1)
	Slovenia	32.6	(0.8)	32.7	(0.8)	30.5	(0.7)	28.7	(0.6)	3.6	(1.0)
	Chinese Taipei	21.1	(0.6)	23.7	(0.5)	24.6	(0.6)	26.8	(0.5)	-5.6	(0.8)
	Thailand	26.8	(0.6)	26.7	(0.5)	26.6	(0.5)	24.5	(0.5)	2.4	(0.7)
	Tunisia	37.4	(0.9)	36.7	(0.8)	36.8	(0.8)	36.5	(0.6)	0.9	(1.1)
Uruguay	32.3	(0.8)	32.4	(0.9)	31.8	(0.8)	30.7	(0.8)	1.2	(1.0)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.84	(0.04)	4.05	(0.04)	4.17	(0.04)	4.36	(0.04)	-0.53	(0.05)
	Austria	3.12	(0.07)	3.23	(0.07)	3.28	(0.06)	3.25	(0.05)	-0.14	(0.08)
	Belgium	3.04	(0.06)	3.42	(0.05)	3.74	(0.06)	4.14	(0.04)	-1.07	(0.07)
	Canada	4.13	(0.06)	4.45	(0.05)	4.67	(0.05)	4.77	(0.07)	-0.64	(0.07)
	Czech Republic	3.90	(0.07)	3.97	(0.07)	4.01	(0.07)	4.10	(0.05)	-0.20	(0.08)
	Denmark	4.30	(0.05)	4.46	(0.05)	4.48	(0.04)	4.51	(0.06)	-0.22	(0.07)
	Finland	3.36	(0.06)	3.39	(0.06)	3.45	(0.05)	3.59	(0.06)	-0.23	(0.07)
	France	3.54	(0.05)	3.73	(0.05)	3.87	(0.05)	4.25	(0.05)	-0.71	(0.07)
	Germany	3.83	(0.06)	3.91	(0.05)	3.96	(0.05)	3.84	(0.05)	-0.04	(0.08)
	Greece	3.11	(0.08)	3.34	(0.06)	3.46	(0.06)	3.90	(0.07)	-0.79	(0.11)
	Hungary	3.07	(0.07)	3.29	(0.07)	3.20	(0.06)	3.60	(0.07)	-0.53	(0.09)
	Iceland	4.71	(0.05)	4.77	(0.05)	4.67	(0.05)	4.83	(0.05)	-0.12	(0.06)
	Ireland	3.62	(0.07)	3.54	(0.05)	3.71	(0.05)	3.76	(0.05)	-0.14	(0.08)
	Italy	3.54	(0.05)	3.68	(0.05)	3.86	(0.04)	3.88	(0.05)	-0.34	(0.06)
	Japan	3.58	(0.09)	4.15	(0.08)	4.52	(0.08)	4.76	(0.08)	-1.18	(0.10)
	Korea	4.44	(0.08)	4.65	(0.05)	4.72	(0.06)	4.98	(0.07)	-0.54	(0.11)
	Luxembourg	3.60	(0.05)	3.79	(0.05)	3.95	(0.05)	4.09	(0.05)	-0.51	(0.07)
	Mexico	3.72	(0.08)	3.80	(0.07)	3.88	(0.05)	4.38	(0.06)	-0.65	(0.10)
	Netherlands	2.69	(0.06)	2.74	(0.06)	2.98	(0.04)	3.10	(0.06)	-0.40	(0.09)
	New Zealand	4.10	(0.05)	4.35	(0.05)	4.46	(0.05)	4.63	(0.04)	-0.53	(0.07)
	Norway	3.17	(0.06)	3.39	(0.05)	3.50	(0.05)	3.52	(0.06)	-0.35	(0.08)
	Poland	4.14	(0.06)	4.30	(0.05)	4.43	(0.06)	4.56	(0.05)	-0.42	(0.06)
	Portugal	3.20	(0.07)	3.53	(0.07)	3.65	(0.07)	4.05	(0.07)	-0.86	(0.10)
	Slovak Republic	3.14	(0.07)	3.19	(0.06)	3.33	(0.09)	3.48	(0.07)	-0.34	(0.08)
	Spain	3.16	(0.05)	3.39	(0.04)	3.45	(0.04)	3.69	(0.05)	-0.53	(0.06)
	Sweden	3.07	(0.05)	3.05	(0.04)	3.09	(0.04)	3.16	(0.04)	-0.09	(0.07)
Switzerland	3.80	(0.06)	3.87	(0.05)	3.93	(0.06)	3.84	(0.05)	-0.04	(0.07)	
Turkey	3.50	(0.09)	3.59	(0.08)	3.80	(0.08)	4.39	(0.09)	-0.89	(0.12)	
United Kingdom	3.65	(0.05)	3.72	(0.04)	3.86	(0.05)	3.90	(0.05)	-0.25	(0.06)	
United States	3.21	(0.08)	3.61	(0.06)	3.95	(0.06)	4.33	(0.07)	-1.12	(0.12)	
OECD average	3.58	(0.01)	3.74	(0.01)	3.87	(0.01)	4.05	(0.01)	-0.48	(0.02)	
Partners	Argentina	2.54	(0.07)	2.81	(0.08)	2.98	(0.08)	3.48	(0.09)	-0.97	(0.11)
	Azerbaijan	3.50	(0.11)	3.66	(0.10)	3.86	(0.09)	4.14	(0.09)	-0.65	(0.14)
	Brazil	2.91	(0.07)	2.95	(0.06)	3.21	(0.05)	3.52	(0.06)	-0.61	(0.09)
	Bulgaria	2.59	(0.09)	2.78	(0.09)	3.02	(0.08)	3.53	(0.12)	-0.93	(0.15)
	Chile	2.90	(0.09)	3.23	(0.07)	3.60	(0.08)	4.22	(0.09)	-1.31	(0.13)
	Colombia	4.00	(0.10)	4.06	(0.09)	4.17	(0.08)	4.63	(0.10)	-0.62	(0.14)
	Croatia	2.77	(0.06)	2.99	(0.04)	3.09	(0.05)	3.33	(0.05)	-0.55	(0.07)
	Estonia	4.01	(0.08)	4.17	(0.05)	4.19	(0.06)	4.40	(0.06)	-0.39	(0.09)
	Hong Kong-China	4.95	(0.07)	5.14	(0.07)	5.31	(0.07)	5.52	(0.07)	-0.58	(0.10)
	Indonesia	4.00	(0.09)	4.06	(0.07)	4.04	(0.11)	4.26	(0.11)	-0.26	(0.12)
	Israel	3.72	(0.06)	4.11	(0.07)	4.27	(0.08)	4.42	(0.07)	-0.69	(0.09)
	Jordan	3.01	(0.08)	3.35	(0.08)	3.56	(0.07)	4.00	(0.07)	-0.99	(0.10)
	Kyrgyzstan	2.59	(0.09)	2.62	(0.10)	2.92	(0.08)	3.40	(0.08)	-0.79	(0.12)
	Latvia	4.29	(0.07)	4.50	(0.06)	4.50	(0.06)	4.69	(0.06)	-0.40	(0.08)
	Liechtenstein	3.87	(0.18)	3.87	(0.19)	4.18	(0.19)	4.00	(0.15)	-0.14	(0.25)
	Lithuania	3.10	(0.08)	3.45	(0.06)	3.62	(0.06)	3.84	(0.06)	-0.73	(0.09)
	Macao-China	5.23	(0.06)	5.55	(0.05)	5.29	(0.06)	5.57	(0.06)	-0.34	(0.08)
	Montenegro	2.88	(0.07)	3.00	(0.07)	3.06	(0.08)	3.40	(0.07)	-0.53	(0.11)
	Qatar	2.65	(0.06)	3.02	(0.06)	3.32	(0.06)	3.46	(0.06)	-0.81	(0.09)
	Romania	2.58	(0.10)	2.92	(0.11)	3.08	(0.08)	3.46	(0.11)	-0.89	(0.11)
	Russian Federation	3.35	(0.07)	3.44	(0.08)	3.69	(0.07)	4.06	(0.06)	-0.72	(0.10)
	Serbia	3.08	(0.06)	3.14	(0.06)	3.30	(0.05)	3.57	(0.06)	-0.49	(0.08)
	Slovenia	3.00	(0.06)	3.22	(0.05)	3.39	(0.05)	3.70	(0.05)	-0.69	(0.08)
	Chinese Taipei	3.57	(0.08)	4.01	(0.07)	4.54	(0.07)	4.92	(0.06)	-1.36	(0.09)
	Thailand	3.60	(0.05)	3.65	(0.04)	3.60	(0.05)	4.26	(0.08)	-0.65	(0.09)
	Tunisia	2.98	(0.07)	3.32	(0.07)	3.44	(0.08)	3.81	(0.08)	-0.82	(0.11)
Uruguay	2.97	(0.06)	3.14	(0.07)	3.42	(0.06)	3.72	(0.07)	-0.76	(0.08)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

[Part 2/7]

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.79	(0.03)	0.72	(0.02)	0.73	(0.03)	0.75	(0.03)	0.04	(0.04)
	Austria	0.54	(0.04)	0.52	(0.04)	0.48	(0.04)	0.49	(0.03)	0.05	(0.05)
	Belgium	0.57	(0.03)	0.54	(0.03)	0.54	(0.03)	0.53	(0.03)	0.04	(0.04)
	Canada	0.91	(0.03)	0.88	(0.03)	0.99	(0.04)	0.96	(0.04)	-0.05	(0.05)
	Czech Republic	0.78	(0.07)	0.74	(0.04)	0.76	(0.04)	0.74	(0.04)	0.05	(0.08)
	Denmark	1.39	(0.05)	1.31	(0.05)	1.44	(0.05)	1.31	(0.05)	0.09	(0.07)
	Finland	0.38	(0.03)	0.38	(0.03)	0.38	(0.03)	0.34	(0.03)	0.04	(0.04)
	France	0.97	(0.03)	0.94	(0.04)	0.94	(0.03)	0.85	(0.04)	0.12	(0.05)
	Germany	0.92	(0.05)	0.83	(0.04)	0.84	(0.05)	0.67	(0.04)	0.25	(0.07)
	Greece	1.69	(0.08)	2.19	(0.07)	2.42	(0.07)	2.63	(0.09)	-0.93	(0.13)
	Hungary	1.29	(0.05)	1.25	(0.05)	1.30	(0.05)	1.30	(0.05)	-0.01	(0.08)
	Iceland	0.64	(0.04)	0.71	(0.04)	0.75	(0.04)	0.76	(0.04)	-0.12	(0.06)
	Ireland	0.71	(0.05)	0.71	(0.03)	0.76	(0.04)	0.69	(0.04)	0.02	(0.06)
	Italy	0.82	(0.03)	0.86	(0.03)	0.90	(0.03)	0.97	(0.04)	-0.16	(0.05)
	Japan	0.54	(0.03)	0.61	(0.04)	0.77	(0.05)	0.93	(0.05)	-0.39	(0.06)
	Korea	1.60	(0.08)	1.95	(0.06)	2.43	(0.05)	3.13	(0.08)	-1.52	(0.12)
	Luxembourg	0.93	(0.04)	0.85	(0.04)	0.83	(0.03)	0.72	(0.03)	0.22	(0.05)
	Mexico	1.38	(0.07)	1.09	(0.04)	1.19	(0.04)	1.06	(0.05)	0.33	(0.10)
	Netherlands	0.73	(0.05)	0.72	(0.04)	0.68	(0.04)	0.61	(0.03)	0.12	(0.05)
	New Zealand	0.77	(0.04)	0.65	(0.04)	0.65	(0.04)	0.66	(0.04)	0.11	(0.06)
Norway	1.05	(0.04)	1.02	(0.04)	1.02	(0.04)	1.10	(0.04)	-0.04	(0.06)	
Poland	0.78	(0.04)	0.75	(0.04)	0.76	(0.04)	0.82	(0.04)	-0.04	(0.06)	
Portugal	0.69	(0.04)	0.80	(0.04)	0.85	(0.04)	0.91	(0.05)	-0.23	(0.07)	
Slovak Republic	0.81	(0.04)	0.82	(0.04)	0.88	(0.04)	1.02	(0.05)	-0.22	(0.07)	
Spain	0.89	(0.04)	1.04	(0.04)	1.07	(0.04)	0.98	(0.05)	-0.09	(0.06)	
Sweden	0.62	(0.04)	0.60	(0.03)	0.61	(0.03)	0.59	(0.03)	0.04	(0.04)	
Switzerland	0.86	(0.04)	0.68	(0.03)	0.68	(0.03)	0.59	(0.03)	0.27	(0.05)	
Turkey	1.84	(0.06)	1.66	(0.07)	2.09	(0.07)	2.70	(0.07)	-0.84	(0.10)	
United Kingdom	0.60	(0.04)	0.64	(0.03)	0.67	(0.03)	0.60	(0.03)	0.00	(0.05)	
United States	1.21	(0.04)	1.18	(0.05)	1.17	(0.05)	1.02	(0.05)	0.20	(0.06)	
OECD average	0.92	(0.01)	0.92	(0.01)	0.99	(0.01)	1.01	(0.01)	-0.09	(0.01)	
Partners	Argentina	0.72	(0.07)	0.77	(0.05)	0.81	(0.06)	0.81	(0.07)	-0.09	(0.09)
	Azerbaijan	1.59	(0.08)	1.64	(0.09)	1.70	(0.08)	1.86	(0.07)	-0.27	(0.10)
	Brazil	1.13	(0.05)	1.17	(0.05)	1.20	(0.06)	1.34	(0.05)	-0.20	(0.07)
	Bulgaria	1.09	(0.07)	1.10	(0.06)	1.11	(0.05)	1.25	(0.05)	-0.14	(0.08)
	Chile	1.01	(0.05)	0.97	(0.04)	1.00	(0.05)	0.99	(0.05)	0.02	(0.06)
	Colombia	1.24	(0.06)	1.27	(0.06)	1.16	(0.06)	1.24	(0.04)	0.01	(0.07)
	Croatia	0.69	(0.04)	0.69	(0.04)	0.79	(0.04)	0.90	(0.05)	-0.20	(0.06)
	Estonia	1.02	(0.05)	1.03	(0.06)	0.95	(0.05)	0.97	(0.05)	0.05	(0.06)
	Hong Kong-China	1.07	(0.05)	1.29	(0.06)	1.43	(0.05)	1.75	(0.06)	-0.68	(0.07)
	Indonesia	1.23	(0.07)	1.30	(0.06)	1.35	(0.06)	1.57	(0.07)	-0.33	(0.09)
	Israel	2.10	(0.06)	2.15	(0.07)	2.17	(0.08)	2.23	(0.08)	-0.12	(0.10)
	Jordan	1.62	(0.06)	1.87	(0.07)	1.84	(0.06)	1.95	(0.07)	-0.33	(0.10)
	Kyrgyzstan	1.64	(0.08)	1.55	(0.06)	1.54	(0.05)	1.49	(0.06)	0.14	(0.09)
	Latvia	1.10	(0.07)	1.16	(0.06)	1.23	(0.06)	1.30	(0.05)	-0.21	(0.08)
	Liechtenstein	0.73	(0.11)	0.36	(0.07)	0.61	(0.12)	0.53	(0.10)	0.20	(0.16)
	Lithuania	0.69	(0.04)	0.75	(0.04)	0.73	(0.04)	0.79	(0.04)	-0.10	(0.05)
	Macao-China	1.10	(0.06)	1.14	(0.04)	1.16	(0.06)	1.41	(0.07)	-0.31	(0.09)
	Montenegro	0.79	(0.04)	0.84	(0.05)	1.00	(0.05)	1.08	(0.06)	-0.29	(0.08)
	Qatar	1.79	(0.05)	1.90	(0.05)	1.81	(0.05)	1.91	(0.05)	-0.11	(0.07)
	Romania	1.27	(0.06)	1.49	(0.06)	1.53	(0.09)	1.70	(0.06)	-0.44	(0.08)
Russian Federation	0.99	(0.05)	1.12	(0.04)	1.15	(0.06)	1.25	(0.04)	-0.26	(0.06)	
Serbia	0.95	(0.05)	0.91	(0.05)	1.02	(0.05)	1.00	(0.04)	-0.05	(0.06)	
Slovenia	1.13	(0.06)	1.09	(0.04)	0.99	(0.04)	0.87	(0.04)	0.27	(0.07)	
Chinese Taipei	1.00	(0.04)	1.36	(0.05)	1.69	(0.04)	2.07	(0.05)	-1.07	(0.05)	
Thailand	0.63	(0.04)	0.78	(0.05)	0.89	(0.05)	1.39	(0.06)	-0.75	(0.08)	
Tunisia	2.21	(0.06)	2.21	(0.07)	2.49	(0.07)	2.79	(0.08)	-0.57	(0.10)	
Uruguay	0.71	(0.04)	0.80	(0.04)	0.94	(0.05)	0.90	(0.05)	-0.20	(0.06)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.55	(0.04)	1.69	(0.03)	1.83	(0.04)	2.11	(0.04)	-0.56	(0.05)
	Austria	2.18	(0.05)	2.15	(0.06)	2.06	(0.05)	2.12	(0.06)	0.05	(0.07)
	Belgium	1.43	(0.04)	1.66	(0.04)	1.91	(0.05)	2.16	(0.05)	-0.71	(0.06)
	Canada	1.70	(0.05)	1.83	(0.04)	2.11	(0.04)	2.25	(0.05)	-0.55	(0.06)
	Czech Republic	1.34	(0.06)	1.31	(0.06)	1.28	(0.04)	1.34	(0.05)	-0.00	(0.06)
	Denmark	1.65	(0.05)	1.71	(0.04)	1.81	(0.04)	1.79	(0.04)	-0.14	(0.06)
	Finland	1.14	(0.04)	1.17	(0.03)	1.24	(0.03)	1.27	(0.03)	-0.14	(0.04)
	France	1.49	(0.04)	1.62	(0.05)	1.82	(0.05)	2.03	(0.06)	-0.54	(0.07)
	Germany	2.24	(0.07)	2.28	(0.06)	2.32	(0.06)	2.26	(0.06)	-0.03	(0.09)
	Greece	1.75	(0.06)	1.84	(0.06)	2.05	(0.06)	2.37	(0.06)	-0.62	(0.08)
	Hungary	1.77	(0.05)	1.74	(0.05)	1.81	(0.06)	2.03	(0.06)	-0.26	(0.08)
	Iceland	1.65	(0.05)	1.68	(0.04)	1.73	(0.04)	1.78	(0.05)	-0.13	(0.07)
	Ireland	1.57	(0.06)	1.65	(0.05)	1.89	(0.05)	1.94	(0.05)	-0.36	(0.08)
	Italy	2.24	(0.04)	2.40	(0.04)	2.58	(0.05)	2.72	(0.06)	-0.48	(0.06)
	Japan	1.01	(0.05)	1.42	(0.07)	1.61	(0.07)	1.91	(0.09)	-0.90	(0.09)
	Korea	1.66	(0.07)	2.00	(0.07)	2.34	(0.08)	3.25	(0.12)	-1.58	(0.14)
	Luxembourg	1.66	(0.05)	1.75	(0.05)	1.72	(0.04)	1.72	(0.04)	-0.06	(0.06)
	Mexico	2.32	(0.06)	2.25	(0.05)	2.28	(0.04)	2.19	(0.04)	0.14	(0.06)
	Netherlands	1.31	(0.05)	1.34	(0.05)	1.56	(0.05)	1.68	(0.04)	-0.36	(0.07)
	New Zealand	1.41	(0.04)	1.54	(0.05)	1.59	(0.04)	1.82	(0.05)	-0.41	(0.06)
Norway	1.26	(0.05)	1.36	(0.04)	1.43	(0.05)	1.55	(0.05)	-0.29	(0.06)	
Poland	2.08	(0.06)	1.99	(0.05)	2.12	(0.05)	2.17	(0.05)	-0.09	(0.08)	
Portugal	1.70	(0.06)	1.92	(0.06)	2.04	(0.05)	2.19	(0.06)	-0.49	(0.09)	
Slovak Republic	1.52	(0.05)	1.60	(0.05)	1.77	(0.05)	1.85	(0.06)	-0.32	(0.08)	
Spain	1.72	(0.05)	1.94	(0.05)	2.04	(0.05)	2.15	(0.04)	-0.44	(0.06)	
Sweden	1.09	(0.04)	1.13	(0.04)	1.26	(0.04)	1.24	(0.04)	-0.15	(0.05)	
Switzerland	1.77	(0.03)	1.64	(0.04)	1.70	(0.04)	1.64	(0.04)	0.13	(0.05)	
Turkey	2.13	(0.06)	2.14	(0.07)	2.30	(0.07)	2.65	(0.08)	-0.52	(0.11)	
United Kingdom	1.30	(0.03)	1.40	(0.03)	1.57	(0.04)	1.69	(0.04)	-0.39	(0.05)	
United States	1.77	(0.05)	1.82	(0.05)	2.20	(0.06)	2.38	(0.06)	-0.60	(0.09)	
	OECD average	1.65	(0.01)	1.73	(0.01)	1.87	(0.01)	2.01	(0.01)	-0.36	(0.01)
Partners	Argentina	1.73	(0.07)	1.81	(0.08)	1.87	(0.07)	1.88	(0.05)	-0.15	(0.08)
	Azerbaijan	2.68	(0.13)	2.87	(0.08)	3.04	(0.10)	3.21	(0.09)	-0.52	(0.14)
	Brazil	1.76	(0.06)	1.68	(0.05)	1.83	(0.06)	1.92	(0.05)	-0.16	(0.08)
	Bulgaria	1.71	(0.07)	1.87	(0.08)	2.23	(0.08)	2.54	(0.11)	-0.83	(0.12)
	Chile	1.50	(0.05)	1.51	(0.04)	1.69	(0.07)	1.70	(0.05)	-0.20	(0.07)
	Colombia	1.84	(0.06)	2.04	(0.06)	1.81	(0.06)	2.03	(0.05)	-0.20	(0.08)
	Croatia	1.65	(0.05)	1.82	(0.05)	1.83	(0.05)	1.92	(0.05)	-0.27	(0.06)
	Estonia	1.78	(0.05)	1.98	(0.05)	1.94	(0.05)	2.13	(0.06)	-0.35	(0.07)
	Hong Kong-China	1.94	(0.07)	2.16	(0.07)	2.24	(0.06)	2.61	(0.08)	-0.68	(0.09)
	Indonesia	1.97	(0.06)	1.92	(0.04)	2.00	(0.05)	2.08	(0.05)	-0.11	(0.08)
	Israel	2.26	(0.07)	2.36	(0.08)	2.33	(0.10)	2.38	(0.09)	-0.12	(0.11)
	Jordan	2.42	(0.07)	2.68	(0.07)	2.74	(0.06)	2.93	(0.08)	-0.50	(0.10)
	Kyrgyzstan	2.36	(0.07)	2.06	(0.07)	2.14	(0.06)	2.29	(0.06)	0.08	(0.10)
	Latvia	2.23	(0.07)	2.50	(0.07)	2.48	(0.07)	2.56	(0.07)	-0.34	(0.09)
	Liechtenstein	1.51	(0.11)	1.29	(0.11)	1.59	(0.11)	1.56	(0.15)	-0.06	(0.19)
	Lithuania	1.57	(0.05)	1.71	(0.04)	1.81	(0.05)	2.04	(0.05)	-0.47	(0.08)
	Macao-China	1.81	(0.06)	1.97	(0.06)	2.09	(0.05)	2.39	(0.07)	-0.59	(0.09)
	Montenegro	1.90	(0.06)	2.08	(0.06)	2.06	(0.07)	2.10	(0.07)	-0.21	(0.09)
	Qatar	2.05	(0.05)	2.16	(0.05)	2.33	(0.05)	2.34	(0.05)	-0.30	(0.07)
	Romania	1.89	(0.08)	2.19	(0.09)	2.19	(0.07)	2.37	(0.08)	-0.50	(0.12)
Russian Federation	1.98	(0.08)	2.19	(0.06)	2.29	(0.06)	2.46	(0.05)	-0.47	(0.09)	
Serbia	1.63	(0.05)	1.66	(0.05)	1.87	(0.06)	2.11	(0.06)	-0.48	(0.08)	
Slovenia	1.83	(0.05)	1.90	(0.05)	1.93	(0.05)	2.02	(0.05)	-0.20	(0.07)	
Chinese Taipei	1.32	(0.05)	1.76	(0.06)	2.00	(0.04)	2.44	(0.05)	-1.11	(0.07)	
Thailand	1.64	(0.06)	1.77	(0.05)	1.81	(0.06)	2.02	(0.05)	-0.37	(0.09)	
Tunisia	2.47	(0.08)	2.56	(0.07)	2.45	(0.07)	2.78	(0.06)	-0.29	(0.10)	
Uruguay	1.42	(0.06)	1.55	(0.06)	1.61	(0.06)	1.71	(0.06)	-0.29	(0.07)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	6.20	(0.09)	6.48	(0.07)	6.73	(0.07)	7.20	(0.07)	-1.01	(0.11)
	Austria	5.88	(0.12)	5.92	(0.12)	5.83	(0.10)	5.87	(0.12)	-0.02	(0.14)
	Belgium	5.07	(0.10)	5.62	(0.09)	6.21	(0.10)	6.83	(0.09)	-1.72	(0.12)
	Canada	6.78	(0.10)	7.21	(0.09)	7.78	(0.09)	8.01	(0.13)	-1.21	(0.14)
	Czech Republic	6.01	(0.16)	5.99	(0.12)	6.05	(0.10)	6.18	(0.10)	-0.18	(0.18)
	Denmark	7.32	(0.11)	7.45	(0.10)	7.71	(0.10)	7.58	(0.10)	-0.26	(0.14)
	Finland	4.88	(0.10)	4.94	(0.09)	5.08	(0.08)	5.20	(0.08)	-0.31	(0.11)
	France	6.03	(0.09)	6.29	(0.08)	6.63	(0.09)	7.12	(0.10)	-1.10	(0.14)
	Germany	7.03	(0.14)	7.04	(0.10)	7.15	(0.10)	6.76	(0.11)	0.22	(0.18)
	Greece	6.57	(0.16)	7.39	(0.14)	7.95	(0.14)	8.91	(0.15)	-2.34	(0.23)
	Hungary	6.16	(0.13)	6.27	(0.14)	6.34	(0.13)	6.91	(0.15)	-0.77	(0.20)
	Iceland	6.99	(0.09)	7.16	(0.09)	7.16	(0.09)	7.37	(0.10)	-0.40	(0.13)
	Ireland	5.89	(0.14)	5.91	(0.10)	6.37	(0.10)	6.38	(0.10)	-0.48	(0.17)
	Italy	6.63	(0.08)	6.96	(0.09)	7.34	(0.09)	7.55	(0.12)	-0.94	(0.11)
	Japan	5.13	(0.14)	6.17	(0.15)	6.90	(0.15)	7.60	(0.17)	-2.47	(0.17)
	Korea	7.78	(0.19)	8.62	(0.14)	9.54	(0.14)	11.34	(0.23)	-3.56	(0.31)
	Luxembourg	6.21	(0.10)	6.43	(0.10)	6.52	(0.09)	6.55	(0.08)	-0.33	(0.11)
	Mexico	7.36	(0.13)	7.13	(0.11)	7.34	(0.09)	7.59	(0.10)	-0.19	(0.16)
	Netherlands	4.68	(0.11)	4.81	(0.11)	5.23	(0.10)	5.36	(0.10)	-0.67	(0.14)
	New Zealand	6.26	(0.09)	6.56	(0.09)	6.72	(0.09)	7.12	(0.10)	-0.83	(0.12)
Norway	5.50	(0.11)	5.75	(0.09)	5.95	(0.10)	6.16	(0.11)	-0.65	(0.15)	
Poland	7.00	(0.10)	7.04	(0.10)	7.33	(0.10)	7.55	(0.11)	-0.54	(0.14)	
Portugal	5.60	(0.12)	6.24	(0.13)	6.55	(0.12)	7.13	(0.14)	-1.53	(0.19)	
Slovak Republic	5.49	(0.14)	5.62	(0.13)	6.00	(0.14)	6.37	(0.14)	-0.88	(0.19)	
Spain	5.85	(0.09)	6.41	(0.10)	6.56	(0.09)	6.84	(0.07)	-1.01	(0.09)	
Sweden	4.81	(0.09)	4.78	(0.08)	4.96	(0.07)	4.98	(0.07)	-0.17	(0.11)	
Switzerland	6.44	(0.08)	6.20	(0.08)	6.32	(0.09)	6.10	(0.09)	0.34	(0.12)	
Turkey	7.42	(0.17)	7.38	(0.19)	8.14	(0.20)	9.72	(0.21)	-2.28	(0.28)	
United Kingdom	5.56	(0.09)	5.76	(0.07)	6.11	(0.08)	6.19	(0.07)	-0.63	(0.11)	
United States	6.26	(0.13)	6.67	(0.12)	7.37	(0.12)	7.73	(0.13)	-1.45	(0.20)	
OECD average	6.16	(0.02)	6.41	(0.02)	6.73	(0.02)	7.07	(0.02)	-0.91	(0.03)	
Partners	Argentina	5.02	(0.13)	5.40	(0.17)	5.66	(0.16)	6.15	(0.13)	-1.17	(0.18)
	Azerbaijan	7.83	(0.24)	8.25	(0.23)	8.65	(0.21)	9.24	(0.20)	-1.41	(0.31)
	Brazil	5.81	(0.12)	5.78	(0.13)	6.23	(0.12)	6.75	(0.11)	-0.93	(0.16)
	Bulgaria	5.43	(0.21)	5.79	(0.19)	6.39	(0.18)	7.31	(0.24)	-1.84	(0.29)
	Chile	5.45	(0.15)	5.74	(0.12)	6.36	(0.16)	6.93	(0.13)	-1.48	(0.19)
	Colombia	7.04	(0.13)	7.37	(0.12)	7.14	(0.14)	7.95	(0.14)	-0.89	(0.18)
	Croatia	5.16	(0.12)	5.53	(0.09)	5.76	(0.09)	6.18	(0.10)	-1.03	(0.13)
	Estonia	6.83	(0.11)	7.16	(0.11)	7.08	(0.12)	7.51	(0.11)	-0.67	(0.15)
	Hong Kong-China	7.98	(0.13)	8.60	(0.14)	8.99	(0.11)	9.88	(0.15)	-1.90	(0.18)
	Indonesia	7.20	(0.18)	7.27	(0.12)	7.36	(0.12)	7.91	(0.12)	-0.72	(0.17)
	Israel	8.16	(0.14)	8.73	(0.17)	8.82	(0.23)	9.12	(0.19)	-0.94	(0.23)
	Jordan	7.07	(0.15)	7.90	(0.17)	8.04	(0.13)	8.86	(0.12)	-1.78	(0.19)
	Kyrgyzstan	6.78	(0.18)	6.24	(0.18)	6.60	(0.15)	7.21	(0.13)	-0.40	(0.23)
	Latvia	7.60	(0.16)	8.18	(0.14)	8.23	(0.13)	8.55	(0.12)	-0.95	(0.18)
	Liechtenstein	6.11	(0.24)	5.56	(0.27)	6.27	(0.32)	6.14	(0.24)	-0.03	(0.38)
	Lithuania	5.34	(0.13)	5.93	(0.10)	6.16	(0.11)	6.65	(0.10)	-1.30	(0.17)
	Macao-China	8.14	(0.12)	8.65	(0.11)	8.54	(0.11)	9.37	(0.14)	-1.23	(0.17)
	Montenegro	5.54	(0.12)	5.93	(0.12)	6.13	(0.17)	6.52	(0.14)	-0.99	(0.20)
	Qatar	6.52	(0.12)	7.11	(0.12)	7.52	(0.11)	7.70	(0.12)	-1.17	(0.17)
	Romania	5.74	(0.17)	6.59	(0.21)	6.84	(0.14)	7.53	(0.21)	-1.82	(0.24)
Russian Federation	6.32	(0.13)	6.76	(0.14)	7.13	(0.14)	7.77	(0.11)	-1.47	(0.18)	
Serbia	5.65	(0.11)	5.70	(0.11)	6.19	(0.11)	6.68	(0.13)	-1.04	(0.16)	
Slovenia	6.01	(0.11)	6.24	(0.10)	6.32	(0.10)	6.61	(0.11)	-0.60	(0.15)	
Chinese Taipei	5.98	(0.16)	7.20	(0.15)	8.29	(0.12)	9.45	(0.12)	-3.49	(0.17)	
Thailand	5.88	(0.11)	6.19	(0.09)	6.30	(0.13)	7.65	(0.17)	-1.76	(0.22)	
Tunisia	7.66	(0.16)	8.05	(0.16)	8.40	(0.17)	9.39	(0.17)	-1.68	(0.24)	
Uruguay	5.18	(0.10)	5.49	(0.13)	5.97	(0.13)	6.33	(0.13)	-1.18	(0.15)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in mathematics for									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	66.5	(0.6)	66.7	(0.4)	65.7	(0.4)	64.2	(0.4)	2.3	(0.7)
	Austria	57.0	(0.9)	58.0	(0.8)	60.0	(0.7)	59.0	(0.7)	-1.9	(1.1)
	Belgium	63.7	(0.5)	63.5	(0.6)	62.5	(0.6)	63.1	(0.5)	0.9	(0.8)
	Canada	63.8	(0.6)	64.1	(0.5)	62.7	(0.5)	62.8	(0.5)	0.9	(0.7)
	Czech Republic	69.4	(0.9)	70.2	(0.7)	70.8	(0.7)	70.9	(0.7)	-1.6	(1.2)
	Denmark	62.4	(0.7)	62.9	(0.6)	61.6	(0.6)	62.7	(0.6)	-0.4	(0.8)
	Finland	71.3	(0.7)	71.2	(0.6)	70.5	(0.5)	71.5	(0.6)	-0.1	(0.9)
	France	62.8	(0.7)	62.8	(0.7)	61.9	(0.6)	62.9	(0.5)	0.0	(0.9)
	Germany	57.4	(0.7)	58.7	(0.6)	58.1	(0.7)	59.8	(0.6)	-2.3	(0.8)
	Greece	53.0	(0.8)	49.6	(0.8)	47.8	(0.8)	47.0	(0.9)	6.0	(1.1)
	Hungary	52.2	(0.9)	55.6	(0.7)	53.6	(0.7)	55.9	(0.8)	-3.6	(1.3)
	Iceland	70.5	(0.6)	69.9	(0.7)	68.2	(0.6)	69.2	(0.6)	1.4	(0.9)
	Ireland	65.6	(0.8)	63.6	(0.7)	62.6	(0.6)	62.7	(0.6)	3.0	(1.0)
	Italy	56.0	(0.5)	55.3	(0.4)	54.9	(0.4)	53.9	(0.5)	2.1	(0.7)
	Japan	74.8	(0.6)	72.8	(0.7)	70.6	(0.9)	68.5	(0.9)	6.3	(1.0)
	Korea	63.9	(0.9)	61.2	(0.7)	54.8	(0.7)	47.8	(0.7)	16.2	(1.2)
	Luxembourg	60.7	(0.7)	61.8	(0.7)	64.4	(0.6)	66.2	(0.5)	-5.8	(1.0)
	Mexico	51.1	(0.9)	54.0	(0.7)	53.6	(0.5)	59.2	(0.6)	-8.1	(1.1)
	Netherlands	60.3	(1.1)	59.6	(0.8)	59.3	(0.8)	61.0	(0.7)	-0.7	(1.5)
	New Zealand	69.2	(0.8)	69.9	(0.7)	70.0	(0.7)	68.9	(0.6)	0.4	(1.0)
Norway	62.4	(0.8)	63.3	(0.7)	62.1	(0.7)	61.0	(0.7)	1.4	(1.0)	
Poland	60.9	(0.6)	62.9	(0.6)	62.8	(0.6)	63.3	(0.5)	-2.4	(0.8)	
Portugal	59.1	(1.0)	58.7	(0.8)	58.6	(0.7)	59.1	(0.7)	0.0	(1.2)	
Slovak Republic	61.6	(0.9)	61.5	(0.8)	59.7	(0.8)	59.6	(0.9)	2.1	(1.2)	
Spain	58.6	(0.7)	57.6	(0.6)	56.8	(0.5)	57.8	(0.6)	0.9	(0.9)	
Sweden	69.2	(0.8)	68.0	(0.8)	67.2	(0.6)	68.2	(0.8)	0.9	(0.8)	
Switzerland	60.8	(0.7)	63.9	(0.6)	64.2	(0.5)	65.5	(0.6)	-4.7	(0.9)	
Turkey	51.0	(0.8)	52.6	(0.9)	50.8	(0.8)	48.7	(0.7)	2.0	(1.1)	
United Kingdom	69.0	(0.6)	67.7	(0.5)	66.1	(0.5)	65.8	(0.5)	3.3	(0.8)	
United States	52.5	(0.9)	55.3	(0.9)	55.8	(0.7)	58.1	(0.8)	-5.7	(1.3)	
	OECD average	61.9	(0.1)	62.1	(0.1)	61.3	(0.1)	61.5	(0.1)	0.4	(0.2)
Partners	Argentina	53.1	(1.1)	53.8	(0.9)	54.7	(0.9)	58.4	(1.1)	-5.8	(1.5)
	Azerbaijan	47.3	(1.0)	46.2	(1.0)	46.9	(0.8)	47.9	(0.7)	-0.8	(1.1)
	Brazil	52.8	(1.1)	54.5	(0.9)	54.8	(0.9)	55.6	(0.8)	-2.8	(1.4)
	Bulgaria	51.4	(1.0)	51.0	(1.1)	50.4	(0.9)	51.9	(0.7)	-0.7	(1.2)
	Chile	53.4	(0.8)	55.9	(0.8)	56.8	(0.8)	61.2	(0.9)	-7.8	(1.2)
	Colombia	60.0	(1.2)	58.7	(0.9)	61.7	(0.8)	62.5	(0.9)	-2.2	(1.6)
	Croatia	57.8	(0.7)	58.7	(0.8)	58.1	(0.8)	58.8	(0.7)	-0.9	(0.8)
	Estonia	62.0	(0.8)	61.3	(0.6)	62.5	(0.6)	62.9	(0.7)	-0.9	(1.0)
	Hong Kong-China	65.5	(0.8)	63.4	(0.8)	62.4	(0.6)	59.2	(0.5)	6.4	(0.8)
	Indonesia	57.7	(0.8)	57.5	(0.7)	56.9	(1.2)	56.6	(1.0)	1.1	(1.4)
	Israel	48.9	(0.9)	51.0	(1.0)	52.7	(1.0)	52.7	(1.0)	-3.9	(1.3)
	Jordan	41.1	(1.0)	42.8	(0.9)	43.6	(0.8)	45.3	(0.9)	-4.3	(1.4)
	Kyrgyzstan	37.7	(0.9)	40.3	(0.8)	42.9	(0.8)	47.3	(0.9)	-9.6	(1.3)
	Latvia	59.4	(0.8)	58.2	(0.7)	57.6	(0.7)	57.8	(0.5)	1.5	(0.9)
	Liechtenstein	62.5	(2.3)	69.7	(2.0)	68.3	(2.1)	67.0	(1.8)	-4.7	(2.8)
	Lithuania	60.6	(0.8)	61.0	(0.7)	61.4	(0.7)	59.9	(0.6)	0.5	(1.0)
	Macao-China	68.0	(0.8)	67.5	(0.5)	65.6	(0.7)	63.9	(0.7)	4.1	(1.0)
	Montenegro	53.3	(0.8)	51.7	(0.9)	51.8	(0.9)	53.1	(0.9)	-0.0	(1.1)
	Qatar	40.8	(0.7)	42.2	(0.6)	44.7	(0.6)	45.3	(0.6)	-4.5	(1.0)
	Romania	48.5	(1.6)	49.2	(0.9)	49.4	(0.7)	50.9	(0.7)	-2.4	(2.0)
Russian Federation	54.6	(0.9)	52.6	(0.8)	53.8	(0.8)	54.8	(0.6)	-0.1	(1.1)	
Serbia	60.3	(0.7)	60.3	(0.8)	58.2	(0.9)	58.4	(0.7)	1.8	(1.1)	
Slovenia	52.5	(0.7)	54.4	(0.6)	57.0	(0.6)	58.6	(0.6)	-6.0	(1.0)	
Chinese Taipei	64.7	(0.6)	60.3	(0.7)	58.8	(0.5)	55.1	(0.5)	9.6	(0.8)	
Thailand	66.0	(0.9)	63.4	(0.7)	63.1	(0.6)	61.1	(0.6)	4.8	(1.2)	
Tunisia	40.5	(0.8)	42.1	(0.9)	42.3	(0.7)	41.9	(0.7)	-1.4	(1.2)	
Uruguay	59.8	(0.9)	60.2	(0.9)	61.1	(0.8)	62.1	(0.6)	-2.2	(1.2)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in mathematics for									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	10.4	(0.4)	9.1	(0.3)	9.0	(0.3)	8.5	(0.3)	1.9	(0.4)
	Austria	6.7	(0.4)	6.9	(0.5)	6.5	(0.4)	6.5	(0.4)	0.1	(0.6)
	Belgium	9.3	(0.4)	8.1	(0.4)	7.6	(0.4)	6.6	(0.4)	2.7	(0.6)
	Canada	12.2	(0.4)	11.4	(0.3)	11.4	(0.4)	10.6	(0.3)	1.6	(0.5)
	Czech Republic	10.2	(0.5)	9.7	(0.4)	10.1	(0.4)	9.3	(0.4)	1.0	(0.8)
	Denmark	16.8	(0.5)	15.5	(0.4)	16.7	(0.5)	15.1	(0.5)	1.8	(0.7)
	Finland	6.6	(0.4)	6.1	(0.4)	6.0	(0.4)	5.0	(0.4)	1.6	(0.5)
	France	14.2	(0.4)	13.3	(0.5)	12.4	(0.4)	10.4	(0.4)	3.9	(0.6)
	Germany	11.2	(0.6)	9.8	(0.4)	9.9	(0.6)	7.9	(0.4)	3.4	(0.7)
	Greece	21.4	(0.7)	26.3	(0.7)	28.0	(0.7)	28.3	(0.9)	-6.9	(1.1)
	Hungary	19.1	(0.7)	17.4	(0.5)	18.1	(0.5)	16.1	(0.6)	2.8	(0.9)
	Iceland	8.0	(0.5)	8.2	(0.5)	9.0	(0.4)	8.7	(0.4)	-0.7	(0.6)
	Ireland	9.7	(0.7)	10.0	(0.4)	9.4	(0.5)	8.7	(0.4)	1.0	(0.8)
	Italy	10.4	(0.4)	10.7	(0.4)	10.7	(0.4)	11.2	(0.4)	-0.8	(0.5)
	Japan	8.3	(0.5)	7.7	(0.4)	8.8	(0.5)	9.7	(0.5)	-1.5	(0.6)
	Korea	16.9	(0.6)	18.8	(0.5)	22.5	(0.4)	25.5	(0.5)	-8.6	(0.8)
	Luxembourg	13.1	(0.5)	11.9	(0.5)	10.4	(0.4)	8.9	(0.4)	4.3	(0.7)
	Mexico	16.5	(0.8)	14.0	(0.5)	14.8	(0.4)	12.3	(0.5)	4.2	(1.0)
	Netherlands	13.7	(0.9)	13.2	(0.6)	11.5	(0.6)	9.6	(0.5)	3.8	(1.1)
	New Zealand	10.1	(0.6)	8.5	(0.4)	8.0	(0.4)	7.5	(0.4)	2.6	(0.7)
	Norway	16.8	(0.5)	15.3	(0.5)	15.6	(0.5)	15.9	(0.5)	1.0	(0.7)
Poland	10.8	(0.5)	10.0	(0.4)	9.7	(0.5)	9.8	(0.4)	1.0	(0.7)	
Portugal	11.8	(0.6)	11.8	(0.6)	11.3	(0.5)	11.3	(0.5)	0.6	(0.8)	
Slovak Republic	12.1	(0.5)	12.3	(0.5)	12.4	(0.5)	13.5	(0.5)	-1.4	(0.8)	
Spain	13.0	(0.4)	13.3	(0.5)	13.8	(0.4)	12.1	(0.5)	1.1	(0.7)	
Sweden	10.2	(0.4)	10.3	(0.5)	9.7	(0.4)	9.3	(0.4)	1.0	(0.6)	
Switzerland	11.5	(0.5)	9.4	(0.4)	9.3	(0.4)	8.1	(0.4)	3.4	(0.7)	
Turkey	22.1	(0.7)	20.2	(0.6)	22.9	(0.6)	25.6	(0.6)	-3.3	(0.9)	
United Kingdom	8.8	(0.5)	9.1	(0.3)	9.2	(0.3)	8.3	(0.4)	0.6	(0.6)	
United States	18.2	(0.5)	16.9	(0.7)	14.6	(0.6)	11.8	(0.5)	6.4	(0.7)	
OECD average	12.7	(0.1)	12.2	(0.1)	12.3	(0.1)	11.7	(0.1)	1.0	(0.1)	
Partners	Argentina	12.6	(1.2)	12.1	(0.8)	13.0	(0.7)	11.8	(0.9)	1.0	(1.4)
	Azerbaijan	18.8	(0.7)	18.5	(0.8)	18.8	(0.7)	18.3	(0.6)	0.3	(0.9)
	Brazil	17.0	(0.9)	18.0	(0.7)	17.0	(0.7)	17.4	(0.6)	-0.5	(1.1)
	Bulgaria	18.4	(0.9)	17.0	(0.8)	15.3	(0.6)	14.9	(0.6)	3.8	(1.1)
	Chile	17.3	(0.6)	15.9	(0.6)	14.5	(0.5)	12.8	(0.6)	4.7	(0.8)
	Colombia	15.0	(0.7)	14.2	(0.8)	13.9	(0.5)	13.8	(0.5)	1.2	(0.8)
	Croatia	11.2	(0.6)	10.3	(0.5)	12.0	(0.6)	12.4	(0.6)	-1.3	(0.8)
	Estonia	13.4	(0.5)	13.2	(0.6)	11.9	(0.5)	10.9	(0.4)	2.4	(0.7)
	Hong Kong-China	12.1	(0.5)	13.6	(0.5)	14.3	(0.4)	16.0	(0.5)	-3.7	(0.7)
	Indonesia	15.3	(0.7)	16.0	(0.6)	16.4	(0.7)	17.7	(0.8)	-2.4	(1.0)
	Israel	24.2	(0.5)	23.1	(0.6)	22.6	(0.6)	22.6	(0.6)	1.7	(0.9)
	Jordan	23.4	(0.7)	22.4	(0.7)	22.2	(0.7)	21.3	(1.0)	2.2	(1.1)
	Kyrgyzstan	25.5	(0.9)	25.7	(0.8)	25.0	(0.9)	20.0	(0.7)	5.3	(1.2)
	Latvia	13.2	(0.7)	12.9	(0.5)	13.6	(0.6)	13.7	(0.5)	-0.4	(0.9)
	Liechtenstein	11.9	(1.7)	6.6	(1.2)	7.2	(1.3)	7.5	(1.2)	4.3	(2.1)
	Lithuania	11.6	(0.7)	12.2	(0.6)	11.1	(0.5)	11.2	(0.5)	0.5	(0.8)
	Macao-China	11.3	(0.5)	11.5	(0.4)	11.9	(0.5)	12.7	(0.6)	-1.4	(0.7)
	Montenegro	12.0	(0.6)	12.9	(0.7)	14.6	(0.7)	14.2	(0.7)	-2.2	(1.0)
	Qatar	26.4	(0.6)	26.3	(0.6)	23.8	(0.6)	24.3	(0.5)	2.2	(0.9)
	Romania	19.4	(1.0)	19.5	(0.7)	20.3	(1.0)	19.8	(0.6)	-0.4	(1.3)
	Russian Federation	15.9	(1.1)	16.3	(0.7)	15.4	(0.8)	15.1	(0.5)	0.8	(1.1)
	Serbia	13.0	(0.5)	12.9	(0.6)	13.5	(0.6)	12.5	(0.5)	0.4	(0.7)
	Slovenia	16.9	(0.6)	15.3	(0.5)	13.6	(0.5)	11.5	(0.4)	5.4	(0.7)
Chinese Taipei	13.7	(0.5)	15.9	(0.4)	18.2	(0.4)	19.9	(0.4)	-6.4	(0.7)	
Thailand	8.2	(0.5)	9.6	(0.5)	10.6	(0.5)	14.2	(0.5)	-6.1	(0.8)	
Tunisia	26.8	(0.7)	25.4	(0.6)	27.8	(0.7)	28.4	(0.7)	-1.6	(1.0)	
Uruguay	11.9	(0.5)	12.7	(0.6)	13.1	(0.6)	11.9	(0.5)	-0.1	(0.7)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7b Mean learning hours and allocation of total learning time in mathematics, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in mathematics for									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	23.0	(0.4)	24.2	(0.3)	25.3	(0.3)	27.3	(0.4)	-4.3	(0.5)
	Austria	36.4	(0.7)	35.1	(0.7)	33.5	(0.6)	34.5	(0.6)	1.9	(0.9)
	Belgium	27.0	(0.4)	28.4	(0.5)	29.9	(0.5)	30.2	(0.5)	-3.7	(0.6)
	Canada	24.0	(0.5)	24.5	(0.4)	25.9	(0.4)	26.6	(0.4)	-2.5	(0.5)
	Czech Republic	20.5	(0.7)	20.0	(0.5)	19.1	(0.6)	19.9	(0.6)	0.5	(0.9)
	Denmark	20.8	(0.4)	21.5	(0.4)	21.9	(0.4)	22.3	(0.5)	-1.4	(0.6)
	Finland	22.1	(0.5)	22.6	(0.4)	23.5	(0.4)	23.5	(0.4)	-1.4	(0.6)
	France	22.9	(0.5)	23.9	(0.5)	25.8	(0.5)	26.7	(0.5)	-3.9	(0.7)
	Germany	31.3	(0.5)	31.5	(0.5)	32.0	(0.6)	32.3	(0.6)	-1.1	(0.7)
	Greece	25.6	(0.7)	24.1	(0.6)	24.1	(0.6)	24.8	(0.5)	0.8	(0.9)
	Hungary	28.7	(0.6)	27.0	(0.6)	28.3	(0.6)	27.9	(0.6)	0.9	(0.8)
	Iceland	21.5	(0.5)	22.0	(0.4)	22.7	(0.4)	22.2	(0.5)	-0.7	(0.7)
	Ireland	24.7	(0.6)	26.4	(0.5)	27.9	(0.5)	28.6	(0.6)	-4.0	(0.8)
	Italy	33.6	(0.4)	34.0	(0.4)	34.4	(0.4)	34.9	(0.4)	-1.3	(0.5)
	Japan	16.9	(0.5)	19.5	(0.6)	20.5	(0.7)	21.8	(0.7)	-5.0	(0.8)
	Korea	19.1	(0.5)	20.1	(0.6)	22.6	(0.6)	26.7	(0.6)	-7.5	(0.7)
	Luxembourg	26.2	(0.5)	26.3	(0.4)	25.2	(0.5)	24.8	(0.5)	1.4	(0.7)
	Mexico	32.4	(0.7)	32.0	(0.5)	31.5	(0.4)	28.5	(0.5)	3.9	(0.8)
	Netherlands	26.0	(0.7)	27.3	(0.6)	29.2	(0.5)	29.3	(0.6)	-3.2	(1.0)
	New Zealand	20.6	(0.4)	21.6	(0.5)	21.9	(0.4)	23.7	(0.5)	-3.0	(0.7)
	Norway	20.7	(0.5)	21.5	(0.5)	22.2	(0.5)	23.2	(0.5)	-2.4	(0.7)
	Poland	28.2	(0.6)	27.1	(0.5)	27.6	(0.5)	26.9	(0.4)	1.4	(0.7)
	Portugal	29.1	(0.7)	29.4	(0.6)	30.0	(0.5)	29.7	(0.6)	-0.5	(0.8)
	Slovak Republic	26.3	(0.7)	26.3	(0.5)	27.8	(0.7)	27.0	(0.7)	-0.6	(0.9)
	Spain	28.5	(0.6)	29.1	(0.5)	29.4	(0.5)	30.2	(0.5)	-2.0	(0.7)
	Sweden	20.7	(0.6)	21.7	(0.6)	23.1	(0.5)	22.5	(0.6)	-1.7	(0.6)
Switzerland	27.7	(0.5)	26.7	(0.4)	26.5	(0.4)	26.4	(0.4)	1.3	(0.6)	
Turkey	27.0	(0.7)	27.2	(0.7)	26.3	(0.6)	25.7	(0.5)	1.2	(0.9)	
United Kingdom	22.2	(0.4)	23.2	(0.4)	24.7	(0.4)	26.0	(0.4)	-3.8	(0.5)	
United States	29.3	(0.7)	27.8	(0.5)	29.6	(0.6)	30.2	(0.5)	-0.8	(0.9)	
OECD average	25.4	(0.1)	25.7	(0.1)	26.4	(0.1)	26.8	(0.1)	-1.4	(0.1)	
Partners	Argentina	34.2	(0.8)	34.3	(1.1)	32.2	(0.8)	29.9	(0.7)	4.8	(1.1)
	Azerbaijan	33.9	(1.1)	35.2	(0.7)	34.4	(0.7)	33.8	(0.6)	0.4	(1.2)
	Brazil	30.2	(0.8)	27.6	(0.7)	28.1	(0.6)	27.1	(0.6)	3.2	(1.0)
	Bulgaria	30.2	(0.8)	32.1	(0.8)	34.2	(0.7)	33.2	(0.8)	-3.1	(1.1)
	Chile	29.3	(0.6)	28.2	(0.7)	28.7	(0.7)	26.0	(0.7)	3.2	(0.8)
	Colombia	24.9	(0.8)	27.1	(0.9)	24.3	(0.6)	23.8	(0.6)	1.0	(1.2)
	Croatia	31.0	(0.6)	31.0	(0.7)	30.0	(0.7)	28.9	(0.5)	2.1	(0.7)
	Estonia	24.5	(0.5)	25.5	(0.6)	25.6	(0.5)	26.2	(0.6)	-1.6	(0.7)
	Hong Kong-China	22.4	(0.6)	22.9	(0.6)	23.2	(0.5)	24.9	(0.5)	-2.5	(0.8)
	Indonesia	27.0	(0.5)	26.5	(0.5)	26.7	(0.6)	25.7	(0.5)	1.3	(0.8)
	Israel	26.9	(0.7)	26.0	(0.8)	24.5	(0.7)	24.7	(0.7)	2.3	(1.0)
	Jordan	35.5	(0.7)	34.8	(0.6)	34.2	(0.7)	33.3	(0.7)	2.1	(1.0)
	Kyrgyzstan	36.9	(0.7)	34.0	(0.8)	32.3	(0.8)	32.6	(0.7)	4.4	(1.0)
	Latvia	27.4	(0.8)	29.0	(0.7)	28.7	(0.5)	28.5	(0.5)	-1.1	(0.9)
	Liechtenstein	25.7	(1.4)	23.6	(1.6)	24.5	(1.9)	25.5	(1.7)	0.1	(2.2)
	Lithuania	27.9	(0.6)	26.9	(0.6)	27.5	(0.5)	28.9	(0.5)	-1.0	(0.8)
	Macao-China	20.7	(0.6)	21.0	(0.6)	22.6	(0.6)	23.4	(0.5)	-2.7	(0.8)
	Montenegro	34.7	(0.7)	35.4	(0.8)	33.7	(0.7)	32.6	(0.7)	2.2	(1.0)
	Qatar	32.7	(0.6)	31.5	(0.5)	31.5	(0.5)	30.4	(0.5)	2.3	(0.7)
	Romania	32.1	(1.6)	31.3	(0.7)	30.3	(0.8)	29.3	(0.6)	2.8	(1.8)
	Russian Federation	29.4	(0.8)	31.2	(0.6)	30.7	(0.4)	30.2	(0.5)	-0.7	(0.8)
	Serbia	26.8	(0.6)	26.9	(0.6)	28.3	(0.7)	29.0	(0.7)	-2.2	(0.9)
	Slovenia	30.7	(0.7)	30.2	(0.6)	29.4	(0.6)	29.9	(0.5)	0.7	(1.0)
	Chinese Taipei	21.6	(0.4)	23.8	(0.5)	23.2	(0.4)	24.9	(0.4)	-3.3	(0.6)
	Thailand	25.9	(0.6)	26.9	(0.5)	26.4	(0.5)	24.7	(0.5)	1.2	(0.8)
	Tunisia	32.6	(0.8)	32.5	(0.8)	29.9	(0.7)	29.8	(0.6)	3.0	(0.9)
Uruguay	28.3	(0.8)	27.2	(0.7)	25.8	(0.5)	26.0	(0.5)	2.3	(1.0)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.83	(0.04)	4.02	(0.03)	4.13	(0.04)	4.28	(0.04)	-0.46	(0.05)
	Austria	2.86	(0.07)	2.87	(0.05)	2.90	(0.05)	2.84	(0.05)	0.01	(0.08)
	Belgium	3.22	(0.06)	3.39	(0.05)	3.62	(0.04)	3.72	(0.05)	-0.48	(0.08)
	Canada	4.10	(0.06)	4.38	(0.06)	4.59	(0.06)	4.65	(0.07)	-0.56	(0.08)
	Czech Republic	3.77	(0.06)	3.66	(0.05)	3.73	(0.05)	3.73	(0.06)	0.03	(0.08)
	Denmark	5.39	(0.07)	5.51	(0.05)	5.57	(0.05)	5.55	(0.05)	-0.16	(0.08)
	Finland	3.05	(0.06)	3.11	(0.06)	3.13	(0.06)	3.24	(0.06)	-0.20	(0.06)
	France	3.72	(0.06)	3.96	(0.05)	4.07	(0.04)	4.34	(0.04)	-0.61	(0.07)
	Germany	3.65	(0.07)	3.70	(0.06)	3.74	(0.05)	3.55	(0.05)	0.07	(0.09)
	Greece	2.88	(0.07)	3.12	(0.07)	3.31	(0.07)	3.39	(0.06)	-0.51	(0.09)
	Hungary	2.79	(0.06)	3.19	(0.07)	3.26	(0.07)	3.50	(0.07)	-0.71	(0.09)
	Iceland	4.51	(0.05)	4.55	(0.05)	4.43	(0.06)	4.59	(0.05)	-0.09	(0.07)
	Ireland	3.56	(0.06)	3.44	(0.06)	3.57	(0.05)	3.63	(0.05)	-0.07	(0.08)
	Italy	4.46	(0.06)	4.57	(0.05)	4.70	(0.05)	4.75	(0.06)	-0.30	(0.08)
	Japan	3.41	(0.07)	3.74	(0.05)	4.04	(0.05)	4.11	(0.05)	-0.70	(0.08)
	Korea	4.24	(0.07)	4.48	(0.07)	4.50	(0.05)	4.68	(0.05)	-0.44	(0.08)
	Luxembourg	3.31	(0.06)	3.42	(0.05)	3.56	(0.05)	3.74	(0.05)	-0.43	(0.07)
	Mexico	3.53	(0.08)	3.69	(0.07)	3.65	(0.05)	4.05	(0.06)	-0.51	(0.09)
	Netherlands	2.92	(0.05)	2.94	(0.04)	2.95	(0.05)	2.87	(0.04)	0.05	(0.07)
	New Zealand	4.11	(0.06)	4.38	(0.05)	4.49	(0.05)	4.63	(0.04)	-0.51	(0.07)
Norway	3.38	(0.07)	3.60	(0.06)	3.64	(0.07)	3.78	(0.06)	-0.40	(0.09)	
Poland	4.38	(0.05)	4.62	(0.05)	4.72	(0.06)	4.84	(0.04)	-0.46	(0.05)	
Portugal	3.04	(0.05)	3.23	(0.05)	3.32	(0.05)	3.48	(0.05)	-0.44	(0.07)	
Slovak Republic	3.01	(0.07)	3.05	(0.07)	3.21	(0.08)	3.22	(0.06)	-0.21	(0.07)	
Spain	3.46	(0.05)	3.56	(0.05)	3.62	(0.04)	3.79	(0.05)	-0.33	(0.06)	
Sweden	3.06	(0.04)	3.09	(0.05)	3.11	(0.04)	3.21	(0.06)	-0.15	(0.08)	
Switzerland	3.57	(0.05)	3.60	(0.06)	3.68	(0.05)	3.75	(0.05)	-0.18	(0.06)	
Turkey	3.71	(0.09)	3.89	(0.07)	4.06	(0.08)	4.31	(0.06)	-0.60	(0.10)	
United Kingdom	3.75	(0.05)	3.84	(0.04)	3.97	(0.05)	4.03	(0.05)	-0.27	(0.07)	
United States	3.04	(0.09)	3.45	(0.07)	3.80	(0.05)	4.29	(0.06)	-1.24	(0.11)	
OECD average	3.59	(0.01)	3.73	(0.01)	3.84	(0.01)	3.95	(0.01)	-0.36	(0.01)	
Partners	Argentina	2.18	(0.06)	2.30	(0.06)	2.31	(0.07)	2.78	(0.12)	-0.58	(0.14)
	Azerbaijan	3.34	(0.07)	3.59	(0.09)	3.87	(0.08)	3.95	(0.08)	-0.62	(0.10)
	Brazil	2.90	(0.09)	2.96	(0.07)	3.16	(0.05)	3.38	(0.05)	-0.48	(0.11)
	Bulgaria	2.59	(0.10)	2.77	(0.07)	3.02	(0.07)	3.27	(0.06)	-0.68	(0.12)
	Chile	2.93	(0.08)	3.25	(0.07)	3.51	(0.07)	4.09	(0.10)	-1.15	(0.13)
	Colombia	3.71	(0.07)	3.78	(0.08)	3.97	(0.07)	4.22	(0.07)	-0.51	(0.10)
	Croatia	3.19	(0.06)	3.31	(0.05)	3.34	(0.05)	3.48	(0.05)	-0.29	(0.07)
	Estonia	3.40	(0.07)	3.48	(0.06)	3.52	(0.06)	3.55	(0.05)	-0.14	(0.07)
	Hong Kong-China	5.00	(0.06)	5.15	(0.06)	5.27	(0.07)	5.34	(0.07)	-0.35	(0.09)
	Indonesia	3.61	(0.10)	3.64	(0.08)	3.56	(0.06)	3.75	(0.05)	-0.14	(0.10)
	Israel	2.78	(0.07)	2.91	(0.08)	3.06	(0.08)	3.38	(0.07)	-0.59	(0.10)
	Jordan	3.33	(0.09)	3.44	(0.09)	3.60	(0.07)	3.89	(0.08)	-0.56	(0.12)
	Kyrgyzstan	2.54	(0.11)	2.46	(0.08)	2.80	(0.08)	3.17	(0.08)	-0.61	(0.12)
	Latvia	3.57	(0.08)	3.72	(0.05)	3.71	(0.05)	3.79	(0.06)	-0.21	(0.11)
	Liechtenstein	3.54	(0.17)	3.72	(0.19)	3.78	(0.18)	3.62	(0.14)	-0.07	(0.24)
	Lithuania	3.39	(0.07)	3.62	(0.06)	3.71	(0.07)	3.92	(0.08)	-0.53	(0.10)
	Macao-China	5.16	(0.06)	5.42	(0.06)	5.29	(0.06)	5.41	(0.06)	-0.24	(0.08)
	Montenegro	2.55	(0.08)	2.80	(0.07)	2.96	(0.07)	3.42	(0.08)	-0.87	(0.11)
	Qatar	2.58	(0.06)	2.82	(0.07)	3.05	(0.07)	3.12	(0.06)	-0.55	(0.09)
	Romania	2.87	(0.08)	3.22	(0.08)	3.38	(0.09)	3.73	(0.07)	-0.87	(0.11)
Russian Federation	2.05	(0.05)	2.04	(0.06)	2.10	(0.05)	2.00	(0.06)	0.05	(0.08)	
Serbia	3.05	(0.05)	2.97	(0.05)	3.24	(0.05)	3.45	(0.05)	-0.40	(0.07)	
Slovenia	2.96	(0.06)	3.16	(0.05)	3.33	(0.05)	3.54	(0.05)	-0.58	(0.08)	
Chinese Taipei	3.80	(0.07)	4.15	(0.07)	4.60	(0.06)	4.95	(0.06)	-1.16	(0.08)	
Thailand	3.21	(0.05)	3.14	(0.04)	2.97	(0.04)	3.09	(0.05)	0.12	(0.07)	
Tunisia	3.13	(0.08)	3.19	(0.08)	3.12	(0.07)	3.10	(0.08)	0.03	(0.11)	
Uruguay	2.66	(0.07)	2.73	(0.07)	2.76	(0.06)	2.81	(0.05)	-0.14	(0.09)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 2/7]

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	0.71	(0.03)	0.66	(0.03)	0.65	(0.02)	0.62	(0.03)	0.10	(0.04)
	Austria	0.33	(0.03)	0.28	(0.03)	0.17	(0.02)	0.16	(0.03)	0.18	(0.04)
	Belgium	0.54	(0.02)	0.46	(0.02)	0.44	(0.03)	0.36	(0.03)	0.19	(0.04)
	Canada	0.85	(0.03)	0.83	(0.04)	0.92	(0.04)	0.86	(0.04)	-0.02	(0.04)
	Czech Republic	0.67	(0.03)	0.59	(0.04)	0.58	(0.04)	0.60	(0.03)	0.08	(0.05)
	Denmark	1.75	(0.06)	1.60	(0.05)	1.69	(0.06)	1.69	(0.06)	0.06	(0.09)
	Finland	0.38	(0.03)	0.38	(0.03)	0.37	(0.02)	0.33	(0.02)	0.05	(0.04)
	France	0.95	(0.04)	0.77	(0.03)	0.74	(0.03)	0.60	(0.04)	0.36	(0.06)
	Germany	0.81	(0.05)	0.64	(0.03)	0.55	(0.04)	0.43	(0.04)	0.38	(0.07)
	Greece	1.46	(0.07)	1.61	(0.04)	1.77	(0.07)	1.67	(0.06)	-0.22	(0.09)
	Hungary	1.29	(0.05)	1.27	(0.05)	1.41	(0.05)	1.26	(0.06)	0.04	(0.08)
	Iceland	0.40	(0.03)	0.46	(0.04)	0.53	(0.04)	0.46	(0.03)	-0.06	(0.05)
	Ireland	0.69	(0.05)	0.64	(0.04)	0.65	(0.04)	0.55	(0.04)	0.14	(0.06)
	Italy	0.85	(0.03)	0.82	(0.04)	0.76	(0.03)	0.75	(0.04)	0.10	(0.05)
	Japan	0.44	(0.03)	0.37	(0.03)	0.45	(0.04)	0.43	(0.03)	-0.00	(0.04)
	Korea	1.05	(0.06)	1.28	(0.06)	1.55	(0.06)	1.90	(0.08)	-0.85	(0.10)
	Luxembourg	0.84	(0.04)	0.64	(0.03)	0.49	(0.03)	0.39	(0.03)	0.45	(0.06)
	Mexico	1.27	(0.07)	1.08	(0.04)	1.12	(0.04)	0.95	(0.06)	0.32	(0.10)
	Netherlands	0.77	(0.04)	0.74	(0.03)	0.60	(0.04)	0.47	(0.03)	0.31	(0.06)
	New Zealand	0.75	(0.05)	0.66	(0.04)	0.58	(0.04)	0.60	(0.04)	0.16	(0.06)
	Norway	1.17	(0.04)	1.14	(0.04)	1.11	(0.05)	1.19	(0.05)	-0.02	(0.06)
	Poland	0.73	(0.05)	0.74	(0.04)	0.67	(0.04)	0.66	(0.03)	0.07	(0.06)
	Portugal	0.66	(0.04)	0.61	(0.04)	0.56	(0.03)	0.43	(0.03)	0.22	(0.05)
	Slovak Republic	0.89	(0.05)	0.83	(0.04)	0.88	(0.04)	0.95	(0.04)	-0.06	(0.07)
	Spain	0.69	(0.04)	0.66	(0.04)	0.55	(0.03)	0.43	(0.04)	0.27	(0.05)
	Sweden	0.68	(0.04)	0.67	(0.03)	0.64	(0.03)	0.69	(0.05)	-0.00	(0.06)
Switzerland	0.63	(0.03)	0.50	(0.03)	0.44	(0.03)	0.38	(0.03)	0.25	(0.04)	
Turkey	1.81	(0.07)	1.83	(0.07)	1.87	(0.07)	1.75	(0.09)	0.05	(0.11)	
United Kingdom	0.62	(0.04)	0.60	(0.03)	0.64	(0.03)	0.51	(0.03)	0.11	(0.04)	
United States	1.17	(0.08)	1.12	(0.04)	1.14	(0.06)	1.03	(0.05)	0.14	(0.09)	
	OECD average	0.86	(0.01)	0.82	(0.01)	0.82	(0.01)	0.77	(0.01)	0.09	(0.01)
Partners	Argentina	0.48	(0.04)	0.44	(0.03)	0.44	(0.05)	0.34	(0.04)	0.14	(0.05)
	Azerbaijan	1.69	(0.08)	1.70	(0.07)	1.79	(0.07)	2.01	(0.07)	-0.31	(0.09)
	Brazil	1.16	(0.06)	1.19	(0.05)	1.20	(0.05)	1.17	(0.05)	0.00	(0.08)
	Bulgaria	1.09	(0.07)	1.15	(0.06)	1.03	(0.05)	1.10	(0.07)	-0.02	(0.11)
	Chile	1.10	(0.05)	1.03	(0.05)	1.03	(0.05)	0.83	(0.05)	0.27	(0.06)
	Colombia	1.20	(0.06)	1.22	(0.08)	1.06	(0.04)	1.12	(0.06)	0.08	(0.07)
	Croatia	0.44	(0.04)	0.40	(0.03)	0.34	(0.03)	0.37	(0.02)	0.07	(0.04)
	Estonia	0.95	(0.05)	0.94	(0.05)	0.87	(0.05)	0.78	(0.05)	0.17	(0.05)
	Hong Kong-China	0.82	(0.05)	0.85	(0.06)	0.75	(0.04)	0.81	(0.06)	0.01	(0.07)
	Indonesia	1.24	(0.06)	1.28	(0.05)	1.29	(0.07)	1.21	(0.05)	0.03	(0.07)
	Israel	1.51	(0.06)	1.36	(0.06)	1.24	(0.06)	1.25	(0.05)	0.27	(0.08)
	Jordan	1.81	(0.06)	1.81	(0.06)	1.85	(0.06)	1.63	(0.07)	0.18	(0.09)
	Kyrgyzstan	1.72	(0.07)	1.69	(0.06)	1.74	(0.07)	1.65	(0.06)	0.07	(0.08)
	Latvia	0.91	(0.06)	0.94	(0.06)	0.84	(0.04)	0.81	(0.05)	0.10	(0.08)
	Liechtenstein	0.45	(0.09)	0.30	(0.08)	0.28	(0.08)	0.22	(0.06)	0.22	(0.11)
	Lithuania	0.74	(0.04)	0.64	(0.04)	0.64	(0.03)	0.60	(0.04)	0.14	(0.06)
	Macao-China	1.01	(0.05)	1.02	(0.04)	1.01	(0.05)	1.19	(0.07)	-0.19	(0.09)
	Montenegro	0.69	(0.04)	0.75	(0.05)	0.80	(0.05)	0.75	(0.05)	-0.06	(0.06)
	Qatar	1.57	(0.05)	1.64	(0.05)	1.61	(0.06)	1.52	(0.05)	0.06	(0.06)
	Romania	1.42	(0.08)	1.51	(0.06)	1.62	(0.07)	1.52	(0.05)	-0.11	(0.10)
	Russian Federation	0.81	(0.04)	0.85	(0.04)	0.82	(0.04)	0.80	(0.04)	0.02	(0.05)
	Serbia	0.96	(0.04)	0.88	(0.05)	0.97	(0.05)	0.89	(0.05)	0.07	(0.07)
	Slovenia	0.85	(0.03)	0.77	(0.04)	0.73	(0.04)	0.58	(0.03)	0.27	(0.05)
	Chinese Taipei	0.64	(0.03)	0.71	(0.04)	0.70	(0.04)	0.72	(0.04)	-0.09	(0.05)
	Thailand	0.61	(0.05)	0.66	(0.04)	0.56	(0.03)	0.42	(0.04)	0.20	(0.06)
	Tunisia	1.96	(0.06)	2.00	(0.06)	1.83	(0.06)	1.33	(0.08)	0.62	(0.09)
Uruguay	0.64	(0.04)	0.73	(0.05)	0.68	(0.04)	0.52	(0.04)	0.12	(0.06)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 3/7]

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.52	(0.03)	1.64	(0.03)	1.76	(0.04)	1.94	(0.04)	-0.42	(0.05)
	Austria	1.71	(0.06)	1.59	(0.05)	1.47	(0.05)	1.42	(0.04)	0.29	(0.07)
	Belgium	1.24	(0.04)	1.30	(0.03)	1.42	(0.03)	1.43	(0.03)	-0.18	(0.05)
	Canada	1.52	(0.04)	1.59	(0.04)	1.90	(0.05)	1.95	(0.05)	-0.43	(0.06)
	Czech Republic	1.18	(0.05)	1.16	(0.05)	1.11	(0.04)	1.19	(0.05)	-0.00	(0.07)
	Denmark	2.08	(0.06)	2.09	(0.05)	2.24	(0.05)	2.25	(0.05)	-0.16	(0.07)
	Finland	1.06	(0.03)	1.11	(0.04)	1.17	(0.04)	1.20	(0.03)	-0.13	(0.04)
	France	1.36	(0.05)	1.44	(0.04)	1.55	(0.04)	1.72	(0.05)	-0.35	(0.07)
	Germany	1.92	(0.06)	1.95	(0.05)	1.92	(0.05)	1.78	(0.05)	0.12	(0.08)
	Greece	1.78	(0.06)	1.91	(0.06)	2.04	(0.06)	2.02	(0.06)	-0.23	(0.07)
	Hungary	1.73	(0.05)	1.82	(0.05)	1.96	(0.06)	1.93	(0.06)	-0.19	(0.07)
	Iceland	1.55	(0.04)	1.55	(0.04)	1.51	(0.04)	1.57	(0.04)	-0.02	(0.06)
	Ireland	1.59	(0.06)	1.66	(0.05)	1.83	(0.05)	1.92	(0.06)	-0.32	(0.09)
	Italy	2.69	(0.04)	2.87	(0.05)	2.99	(0.05)	3.26	(0.08)	-0.57	(0.08)
	Japan	0.74	(0.03)	0.91	(0.04)	1.05	(0.05)	1.08	(0.05)	-0.34	(0.05)
	Korea	1.06	(0.04)	1.17	(0.04)	1.45	(0.04)	1.94	(0.07)	-0.88	(0.08)
	Luxembourg	1.54	(0.05)	1.43	(0.05)	1.34	(0.03)	1.24	(0.03)	0.29	(0.06)
	Mexico	2.07	(0.06)	2.09	(0.04)	2.07	(0.05)	2.00	(0.05)	0.07	(0.07)
	Netherlands	1.37	(0.05)	1.29	(0.04)	1.31	(0.04)	1.35	(0.04)	0.02	(0.06)
	New Zealand	1.42	(0.05)	1.58	(0.04)	1.54	(0.04)	1.78	(0.05)	-0.35	(0.07)
	Norway	1.32	(0.05)	1.45	(0.05)	1.43	(0.05)	1.59	(0.04)	-0.27	(0.06)
	Poland	2.19	(0.05)	2.19	(0.05)	2.23	(0.05)	2.29	(0.05)	-0.12	(0.07)
	Portugal	1.73	(0.06)	1.83	(0.05)	1.82	(0.04)	1.78	(0.05)	-0.05	(0.08)
	Slovak Republic	1.59	(0.06)	1.72	(0.05)	1.87	(0.05)	1.79	(0.06)	-0.20	(0.07)
	Spain	1.76	(0.05)	1.85	(0.05)	1.95	(0.05)	1.99	(0.04)	-0.24	(0.05)
Sweden	1.13	(0.04)	1.22	(0.04)	1.29	(0.03)	1.39	(0.05)	-0.27	(0.07)	
Switzerland	1.48	(0.03)	1.37	(0.03)	1.38	(0.03)	1.37	(0.03)	0.12	(0.04)	
Turkey	2.17	(0.06)	2.32	(0.06)	2.26	(0.06)	1.96	(0.09)	0.20	(0.10)	
United Kingdom	1.36	(0.03)	1.47	(0.04)	1.67	(0.04)	1.85	(0.04)	-0.49	(0.05)	
United States	1.59	(0.04)	1.64	(0.05)	1.91	(0.05)	2.31	(0.06)	-0.71	(0.07)	
OECD average	1.58	(0.01)	1.64	(0.01)	1.71	(0.01)	1.78	(0.01)	-0.19	(0.01)	
Partners	Argentina	1.58	(0.06)	1.61	(0.08)	1.76	(0.06)	1.61	(0.05)	-0.02	(0.08)
	Azerbaijan	2.80	(0.11)	2.97	(0.08)	3.26	(0.08)	3.39	(0.08)	-0.58	(0.14)
	Brazil	1.76	(0.05)	1.67	(0.05)	1.80	(0.05)	1.74	(0.04)	0.02	(0.07)
	Bulgaria	1.69	(0.08)	2.00	(0.08)	2.18	(0.08)	2.35	(0.08)	-0.68	(0.11)
	Chile	1.54	(0.04)	1.58	(0.05)	1.62	(0.06)	1.51	(0.05)	0.03	(0.06)
	Colombia	1.78	(0.07)	1.87	(0.08)	1.78	(0.06)	1.92	(0.07)	-0.14	(0.11)
	Croatia	1.58	(0.05)	1.59	(0.04)	1.60	(0.06)	1.55	(0.06)	0.03	(0.07)
	Estonia	1.60	(0.05)	1.62	(0.04)	1.64	(0.05)	1.62	(0.05)	-0.02	(0.07)
	Hong Kong-China	1.62	(0.06)	1.68	(0.05)	1.57	(0.06)	1.70	(0.07)	-0.08	(0.07)
	Indonesia	1.86	(0.08)	1.76	(0.04)	1.82	(0.05)	1.76	(0.06)	0.10	(0.11)
	Israel	1.75	(0.07)	1.63	(0.07)	1.59	(0.06)	1.67	(0.05)	0.09	(0.10)
	Jordan	2.66	(0.07)	2.55	(0.06)	2.59	(0.06)	2.56	(0.08)	0.11	(0.11)
	Kyrgyzstan	2.38	(0.08)	2.26	(0.06)	2.37	(0.06)	2.35	(0.06)	0.03	(0.09)
	Latvia	1.93	(0.07)	2.03	(0.06)	2.01	(0.05)	2.05	(0.06)	-0.12	(0.09)
	Liechtenstein	1.16	(0.12)	1.20	(0.09)	1.28	(0.11)	1.26	(0.15)	-0.10	(0.20)
	Lithuania	1.73	(0.05)	1.74	(0.05)	1.86	(0.06)	1.95	(0.05)	-0.21	(0.07)
	Macao-China	1.36	(0.05)	1.45	(0.05)	1.48	(0.05)	1.67	(0.06)	-0.30	(0.08)
	Montenegro	1.83	(0.06)	2.03	(0.07)	2.00	(0.07)	2.09	(0.06)	-0.26	(0.10)
	Qatar	1.98	(0.05)	2.06	(0.05)	2.13	(0.05)	1.98	(0.05)	0.00	(0.07)
	Romania	1.99	(0.10)	2.15	(0.06)	2.22	(0.06)	2.40	(0.08)	-0.42	(0.09)
	Russian Federation	1.55	(0.06)	1.58	(0.05)	1.55	(0.04)	1.52	(0.04)	0.02	(0.05)
	Serbia	1.64	(0.05)	1.61	(0.05)	1.74	(0.05)	1.81	(0.06)	-0.17	(0.08)
	Slovenia	1.46	(0.04)	1.50	(0.04)	1.49	(0.04)	1.46	(0.05)	-0.00	(0.06)
	Chinese Taipei	1.43	(0.04)	1.68	(0.05)	1.90	(0.05)	2.07	(0.04)	-0.64	(0.05)
	Thailand	1.78	(0.06)	1.81	(0.05)	1.67	(0.05)	1.56	(0.04)	0.22	(0.07)
Tunisia	2.31	(0.07)	2.25	(0.06)	2.07	(0.06)	1.84	(0.07)	0.46	(0.09)	
Uruguay	1.30	(0.05)	1.32	(0.06)	1.34	(0.05)	1.44	(0.04)	-0.14	(0.06)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 4/7]

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	6.09	(0.07)	6.33	(0.06)	6.52	(0.07)	6.81	(0.07)	-0.74	(0.10)
	Austria	4.89	(0.13)	4.77	(0.11)	4.53	(0.09)	4.43	(0.08)	0.46	(0.14)
	Belgium	5.04	(0.10)	5.16	(0.06)	5.48	(0.06)	5.51	(0.06)	-0.43	(0.12)
	Canada	6.50	(0.10)	6.84	(0.09)	7.42	(0.11)	7.48	(0.12)	-0.96	(0.14)
	Czech Republic	5.61	(0.09)	5.42	(0.09)	5.41	(0.10)	5.52	(0.10)	0.12	(0.13)
	Denmark	9.23	(0.15)	9.19	(0.11)	9.50	(0.11)	9.47	(0.11)	-0.23	(0.17)
	Finland	4.49	(0.10)	4.60	(0.09)	4.67	(0.09)	4.76	(0.08)	-0.27	(0.11)
	France	6.06	(0.10)	6.18	(0.08)	6.37	(0.07)	6.65	(0.09)	-0.58	(0.14)
	Germany	6.42	(0.13)	6.28	(0.10)	6.23	(0.08)	5.75	(0.11)	0.60	(0.18)
	Greece	6.13	(0.15)	6.66	(0.13)	7.12	(0.16)	7.08	(0.13)	-0.96	(0.18)
	Hungary	5.85	(0.13)	6.29	(0.13)	6.65	(0.14)	6.67	(0.15)	-0.83	(0.19)
	Iceland	6.45	(0.08)	6.57	(0.08)	6.48	(0.10)	6.63	(0.08)	-0.17	(0.12)
	Ireland	5.85	(0.13)	5.77	(0.11)	6.05	(0.10)	6.11	(0.11)	-0.25	(0.17)
	Italy	8.03	(0.09)	8.26	(0.10)	8.45	(0.10)	8.74	(0.13)	-0.71	(0.16)
	Japan	4.59	(0.09)	5.02	(0.09)	5.55	(0.10)	5.63	(0.11)	-1.03	(0.12)
	Korea	6.38	(0.14)	6.95	(0.11)	7.54	(0.11)	8.50	(0.17)	-2.12	(0.20)
	Luxembourg	5.69	(0.10)	5.51	(0.10)	5.35	(0.07)	5.38	(0.08)	0.31	(0.13)
	Mexico	6.85	(0.14)	6.83	(0.11)	6.82	(0.10)	6.99	(0.12)	-0.14	(0.16)
	Netherlands	5.05	(0.08)	4.99	(0.08)	4.85	(0.09)	4.67	(0.07)	0.40	(0.10)
	New Zealand	6.29	(0.10)	6.63	(0.09)	6.60	(0.09)	7.00	(0.10)	-0.70	(0.13)
	Norway	5.89	(0.11)	6.16	(0.10)	6.19	(0.11)	6.54	(0.11)	-0.66	(0.15)
	Poland	7.29	(0.09)	7.55	(0.10)	7.62	(0.09)	7.79	(0.08)	-0.50	(0.12)
	Portugal	5.46	(0.10)	5.68	(0.10)	5.70	(0.10)	5.65	(0.10)	-0.21	(0.14)
	Slovak Republic	5.48	(0.12)	5.61	(0.12)	5.96	(0.13)	5.95	(0.12)	-0.50	(0.15)
	Spain	5.98	(0.09)	6.11	(0.10)	6.10	(0.09)	6.22	(0.06)	-0.25	(0.11)
Sweden	4.89	(0.09)	4.98	(0.09)	5.03	(0.07)	5.30	(0.14)	-0.40	(0.18)	
Switzerland	5.69	(0.07)	5.47	(0.08)	5.51	(0.07)	5.49	(0.08)	0.20	(0.10)	
Turkey	7.62	(0.17)	8.04	(0.16)	8.20	(0.17)	7.97	(0.18)	-0.39	(0.22)	
United Kingdom	5.75	(0.10)	5.91	(0.08)	6.28	(0.09)	6.39	(0.09)	-0.64	(0.12)	
United States	5.87	(0.11)	6.26	(0.11)	6.84	(0.12)	7.65	(0.10)	-1.76	(0.15)	
	OECD average	6.05	(0.02)	6.20	(0.02)	6.37	(0.02)	6.49	(0.02)	-0.45	(0.03)
Partners	Argentina	4.27	(0.12)	4.33	(0.12)	4.50	(0.12)	4.70	(0.14)	-0.40	(0.18)
	Azerbaijan	7.93	(0.20)	8.32	(0.20)	9.01	(0.20)	9.36	(0.18)	-1.40	(0.26)
	Brazil	5.79	(0.12)	5.83	(0.13)	6.15	(0.12)	6.26	(0.10)	-0.43	(0.17)
	Bulgaria	5.42	(0.19)	5.95	(0.16)	6.24	(0.16)	6.70	(0.16)	-1.31	(0.27)
	Chile	5.60	(0.12)	5.87	(0.11)	6.20	(0.14)	6.45	(0.13)	-0.84	(0.15)
	Colombia	6.69	(0.13)	6.89	(0.17)	6.84	(0.12)	7.25	(0.14)	-0.57	(0.18)
	Croatia	5.25	(0.11)	5.32	(0.09)	5.29	(0.09)	5.42	(0.09)	-0.17	(0.13)
	Estonia	5.97	(0.09)	6.03	(0.10)	6.03	(0.11)	5.94	(0.10)	0.03	(0.12)
	Hong Kong-China	7.44	(0.12)	7.69	(0.12)	7.58	(0.11)	7.86	(0.16)	-0.41	(0.17)
	Indonesia	6.72	(0.19)	6.67	(0.13)	6.64	(0.14)	6.71	(0.12)	0.00	(0.22)
	Israel	6.14	(0.16)	5.92	(0.17)	5.87	(0.16)	6.27	(0.13)	-0.12	(0.21)
	Jordan	7.81	(0.18)	7.79	(0.15)	8.04	(0.11)	8.03	(0.13)	-0.21	(0.22)
	Kyrgyzstan	6.77	(0.18)	6.46	(0.15)	6.96	(0.16)	7.21	(0.13)	-0.42	(0.20)
	Latvia	6.40	(0.16)	6.71	(0.11)	6.55	(0.09)	6.66	(0.12)	-0.24	(0.22)
	Liechtenstein	5.18	(0.23)	5.16	(0.24)	5.29	(0.24)	5.15	(0.23)	0.05	(0.37)
	Lithuania	5.84	(0.11)	6.02	(0.12)	6.22	(0.12)	6.45	(0.11)	-0.62	(0.15)
	Macao-China	7.54	(0.11)	7.88	(0.11)	7.78	(0.11)	8.26	(0.12)	-0.73	(0.16)
	Montenegro	5.07	(0.13)	5.61	(0.14)	5.74	(0.14)	6.23	(0.14)	-1.16	(0.20)
	Qatar	6.16	(0.11)	6.52	(0.12)	6.77	(0.13)	6.58	(0.12)	-0.40	(0.16)
	Romania	6.29	(0.17)	6.89	(0.16)	7.25	(0.17)	7.64	(0.14)	-1.37	(0.20)
	Russian Federation	4.40	(0.10)	4.45	(0.11)	4.44	(0.10)	4.30	(0.10)	0.10	(0.11)
	Serbia	5.64	(0.10)	5.47	(0.10)	5.94	(0.10)	6.13	(0.14)	-0.51	(0.17)
	Slovenia	5.33	(0.09)	5.42	(0.09)	5.56	(0.10)	5.58	(0.09)	-0.28	(0.13)
	Chinese Taipei	5.95	(0.10)	6.56	(0.11)	7.23	(0.10)	7.75	(0.10)	-1.83	(0.13)
	Thailand	5.61	(0.12)	5.58	(0.08)	5.21	(0.09)	5.04	(0.09)	0.57	(0.16)
Tunisia	7.39	(0.14)	7.46	(0.15)	7.09	(0.12)	6.25	(0.18)	1.12	(0.21)	
Uruguay	4.63	(0.11)	4.82	(0.14)	4.78	(0.11)	4.78	(0.10)	-0.12	(0.16)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time on the language of instruction for									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.4	(0.5)	67.3	(0.4)	67.0	(0.4)	66.6	(0.4)	0.7	(0.7)
	Austria	62.9	(0.8)	64.7	(0.7)	67.1	(0.7)	67.4	(0.7)	-4.5	(0.9)
	Belgium	65.9	(0.6)	67.1	(0.6)	67.4	(0.6)	68.8	(0.5)	-2.8	(0.7)
	Canada	65.7	(0.7)	66.2	(0.5)	65.3	(0.6)	65.3	(0.5)	0.3	(0.7)
	Czech Republic	70.1	(1.0)	71.2	(0.9)	72.4	(0.6)	72.8	(0.7)	-2.7	(1.2)
	Denmark	61.6	(0.7)	62.9	(0.5)	62.1	(0.6)	62.1	(0.6)	-0.6	(0.8)
	Finland	70.7	(0.7)	71.0	(0.7)	69.9	(0.6)	71.1	(0.6)	-0.5	(0.9)
	France	65.2	(0.8)	66.9	(0.8)	67.2	(0.6)	68.7	(0.7)	-3.8	(1.1)
	Germany	59.4	(0.7)	61.9	(0.6)	63.0	(0.7)	65.0	(0.6)	-5.6	(0.9)
	Greece	51.8	(1.0)	49.7	(0.8)	49.9	(0.9)	52.5	(0.9)	-0.6	(1.3)
	Hungary	49.8	(0.9)	54.2	(0.7)	52.6	(0.7)	56.4	(0.7)	-6.7	(1.1)
	Iceland	72.1	(0.6)	71.9	(0.7)	71.3	(0.6)	71.8	(0.5)	0.2	(0.8)
	Ireland	65.3	(0.8)	64.3	(0.7)	63.3	(0.6)	64.2	(0.8)	1.0	(1.1)
	Italy	57.2	(0.5)	57.4	(0.5)	57.8	(0.4)	56.4	(0.5)	0.9	(0.7)
	Japan	78.8	(0.7)	78.8	(0.7)	77.5	(0.6)	77.5	(0.7)	1.3	(0.8)
	Korea	71.9	(0.7)	69.3	(0.8)	64.5	(0.7)	59.7	(0.9)	12.1	(1.2)
	Luxembourg	62.2	(0.9)	65.5	(0.7)	69.7	(0.6)	71.9	(0.6)	-10.0	(1.1)
	Mexico	51.6	(1.0)	54.7	(0.7)	54.5	(0.5)	59.5	(0.8)	-7.7	(1.3)
	Netherlands	60.7	(1.1)	63.0	(0.6)	63.9	(0.8)	64.6	(0.7)	-3.8	(1.4)
	New Zealand	69.4	(0.8)	69.9	(0.6)	71.3	(0.7)	70.0	(0.7)	-0.6	(1.0)
	Norway	62.1	(0.8)	62.6	(0.8)	62.1	(0.9)	62.1	(0.8)	0.2	(1.1)
	Poland	62.1	(0.5)	63.1	(0.6)	64.2	(0.7)	64.7	(0.6)	-2.7	(0.7)
	Portugal	58.5	(1.0)	59.6	(0.8)	61.8	(0.6)	64.3	(0.7)	-5.7	(1.2)
	Slovak Republic	60.2	(0.9)	58.6	(0.7)	58.0	(0.9)	59.0	(0.8)	1.3	(1.1)
	Spain	61.4	(0.7)	62.1	(0.6)	62.7	(0.5)	64.4	(0.5)	-3.1	(0.9)
	Sweden	67.7	(0.9)	66.3	(0.8)	66.9	(0.6)	66.3	(0.8)	1.4	(1.0)
Switzerland	64.5	(0.7)	67.4	(0.6)	68.2	(0.6)	70.0	(0.5)	-5.4	(0.8)	
Turkey	52.3	(1.0)	52.7	(0.7)	55.1	(0.8)	58.7	(1.3)	-6.5	(1.6)	
United Kingdom	69.0	(0.6)	68.6	(0.5)	66.7	(0.5)	66.0	(0.5)	3.0	(0.7)	
United States	52.6	(1.3)	55.8	(0.8)	57.1	(0.9)	58.1	(0.7)	-5.5	(1.5)	
OECD average	63.0	(0.1)	63.8	(0.1)	64.0	(0.1)	64.9	(0.1)	-1.9	(0.2)	
Partners	Argentina	53.6	(0.9)	53.8	(1.0)	52.9	(1.1)	60.7	(1.2)	-7.4	(1.6)
	Azerbaijan	44.6	(1.1)	44.6	(1.0)	45.3	(0.7)	44.9	(0.8)	-0.7	(1.3)
	Brazil	53.0	(1.1)	53.9	(1.0)	53.9	(0.9)	56.9	(0.8)	-3.9	(1.5)
	Bulgaria	51.3	(1.0)	50.8	(0.9)	51.8	(0.7)	53.1	(1.0)	-1.5	(1.6)
	Chile	51.9	(0.8)	55.9	(0.9)	57.7	(0.8)	64.0	(1.0)	-12.1	(1.3)
	Colombia	58.3	(1.4)	58.9	(1.1)	61.3	(0.8)	62.6	(0.9)	-4.0	(1.7)
	Croatia	65.3	(0.8)	66.1	(0.7)	66.9	(0.7)	68.9	(0.8)	-3.6	(1.0)
	Estonia	60.6	(0.9)	60.9	(0.8)	62.0	(0.8)	63.6	(0.7)	-3.0	(0.9)
	Hong Kong-China	70.1	(0.8)	69.9	(0.7)	72.2	(0.8)	71.5	(0.7)	-1.5	(1.0)
	Indonesia	55.6	(0.7)	56.1	(0.7)	55.3	(1.1)	58.0	(1.0)	-2.4	(1.1)
	Israel	48.6	(1.1)	52.2	(0.9)	56.3	(1.1)	58.8	(0.9)	-10.3	(1.6)
	Jordan	41.0	(0.8)	43.3	(0.9)	44.6	(1.0)	48.1	(1.0)	-7.2	(1.3)
	Kyrgyzstan	36.9	(1.0)	37.5	(0.8)	39.8	(0.8)	45.1	(0.8)	-8.1	(1.3)
	Latvia	58.6	(0.9)	58.4	(0.7)	59.6	(0.7)	60.4	(0.6)	-1.8	(1.1)
	Liechtenstein	67.1	(2.6)	69.8	(2.2)	70.1	(2.3)	72.8	(2.2)	-5.8	(3.5)
	Lithuania	60.8	(0.9)	63.2	(0.7)	62.6	(0.7)	62.8	(0.7)	-2.1	(1.1)
	Macao-China	72.1	(0.7)	72.2	(0.6)	72.0	(0.7)	69.3	(0.8)	2.6	(1.1)
	Montenegro	50.9	(0.9)	51.9	(0.8)	53.2	(0.8)	56.1	(0.8)	-5.4	(1.3)
	Qatar	41.6	(0.7)	43.5	(0.7)	46.1	(0.7)	47.6	(0.7)	-5.9	(1.0)
	Romania	49.7	(1.3)	49.8	(1.0)	50.4	(1.0)	52.8	(1.0)	-3.0	(1.4)
	Russian Federation	48.6	(1.0)	47.1	(0.8)	48.5	(0.9)	48.8	(0.8)	-0.3	(1.2)
	Serbia	59.5	(0.7)	59.6	(0.8)	59.6	(0.8)	62.0	(0.8)	-2.5	(1.1)
	Slovenia	57.2	(0.8)	59.2	(0.7)	62.4	(0.7)	64.7	(0.9)	-7.2	(1.3)
	Chinese Taipei	66.9	(0.6)	65.4	(0.7)	66.0	(0.6)	66.1	(0.6)	0.8	(0.8)
	Thailand	62.1	(0.8)	60.6	(0.6)	61.6	(0.6)	65.8	(0.7)	-3.8	(1.1)
	Tunisia	42.6	(0.9)	43.6	(0.9)	46.0	(1.0)	50.2	(1.4)	-7.6	(1.6)
Uruguay	59.8	(1.1)	60.6	(1.0)	60.6	(1.0)	62.5	(0.8)	-2.9	(1.3)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 6/7]

		Allocation of total learning time on the language of instruction for									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	9.6	(0.3)	8.5	(0.3)	7.9	(0.3)	7.1	(0.3)	2.6	(0.4)
	Austria	4.7	(0.4)	4.0	(0.4)	2.5	(0.3)	2.3	(0.3)	2.5	(0.5)
	Belgium	9.1	(0.3)	7.3	(0.4)	6.6	(0.4)	5.1	(0.3)	4.1	(0.5)
	Canada	11.9	(0.4)	10.9	(0.4)	10.7	(0.4)	9.6	(0.3)	2.3	(0.5)
	Czech Republic	10.2	(0.4)	8.8	(0.5)	8.8	(0.4)	8.1	(0.4)	2.3	(0.6)
	Denmark	17.2	(0.5)	15.6	(0.4)	15.6	(0.4)	15.4	(0.5)	1.9	(0.7)
	Finland	7.0	(0.5)	6.4	(0.4)	6.4	(0.3)	5.1	(0.3)	1.8	(0.6)
	France	13.8	(0.5)	11.2	(0.5)	10.2	(0.4)	7.5	(0.4)	6.3	(0.6)
	Germany	10.9	(0.6)	8.0	(0.4)	7.1	(0.5)	5.5	(0.4)	5.4	(0.8)
	Greece	20.4	(0.8)	22.4	(0.6)	22.6	(0.7)	20.8	(0.6)	-0.4	(1.0)
	Hungary	20.8	(0.7)	17.9	(0.6)	18.3	(0.5)	16.0	(0.6)	4.9	(0.9)
	Iceland	5.5	(0.4)	6.1	(0.5)	6.6	(0.5)	5.7	(0.4)	-0.3	(0.6)
	Ireland	9.3	(0.6)	8.8	(0.4)	7.9	(0.4)	6.5	(0.4)	2.9	(0.6)
	Italy	9.6	(0.4)	8.4	(0.3)	7.7	(0.3)	7.5	(0.3)	2.1	(0.5)
	Japan	7.3	(0.4)	5.7	(0.4)	6.1	(0.4)	6.0	(0.3)	1.3	(0.5)
	Korea	13.1	(0.6)	15.2	(0.6)	17.9	(0.6)	19.7	(0.7)	-6.5	(0.9)
	Luxembourg	12.4	(0.6)	9.9	(0.4)	7.1	(0.4)	5.7	(0.3)	6.9	(0.7)
	Mexico	17.2	(0.9)	14.2	(0.5)	15.1	(0.4)	11.9	(0.6)	5.3	(1.1)
	Netherlands	13.1	(0.7)	12.3	(0.4)	10.2	(0.5)	7.8	(0.4)	5.2	(0.8)
	New Zealand	9.8	(0.6)	8.2	(0.4)	7.2	(0.4)	6.6	(0.4)	3.2	(0.7)
	Norway	17.7	(0.5)	16.3	(0.5)	16.1	(0.6)	15.5	(0.5)	2.2	(0.7)
	Poland	9.5	(0.6)	8.9	(0.4)	8.1	(0.5)	7.4	(0.4)	2.1	(0.7)
	Portugal	11.2	(0.6)	9.8	(0.6)	7.9	(0.4)	6.0	(0.4)	5.2	(0.9)
	Slovak Republic	12.6	(0.7)	12.5	(0.5)	12.6	(0.5)	13.1	(0.5)	-0.6	(0.9)
	Spain	10.3	(0.5)	8.9	(0.4)	7.8	(0.4)	5.4	(0.4)	5.0	(0.7)
	Sweden	11.2	(0.5)	10.6	(0.5)	9.9	(0.4)	9.3	(0.4)	1.9	(0.6)
	Switzerland	9.2	(0.5)	7.3	(0.4)	6.4	(0.4)	5.3	(0.3)	4.0	(0.6)
Turkey	20.9	(0.9)	20.0	(0.5)	19.3	(0.5)	18.9	(0.8)	2.1	(1.2)	
United Kingdom	8.7	(0.4)	8.0	(0.3)	8.0	(0.3)	6.5	(0.4)	2.2	(0.5)	
United States	19.3	(1.1)	17.4	(0.5)	14.9	(0.6)	12.2	(0.4)	7.1	(1.3)	
	OECD average	12.1	(0.1)	11.0	(0.1)	10.4	(0.1)	9.3	(0.1)	2.8	(0.1)
Partners	Argentina	9.5	(0.7)	8.6	(0.7)	8.5	(0.9)	5.3	(0.6)	3.8	(1.0)
	Azerbaijan	20.1	(0.8)	19.1	(0.8)	18.3	(0.7)	19.7	(0.6)	0.4	(0.9)
	Brazil	17.7	(0.9)	18.8	(0.7)	18.1	(0.6)	16.4	(0.7)	1.3	(1.2)
	Bulgaria	17.8	(0.7)	16.6	(0.8)	14.2	(0.6)	13.3	(0.8)	4.4	(1.2)
	Chile	18.4	(0.7)	16.1	(0.6)	15.3	(0.6)	11.1	(0.7)	7.1	(1.0)
	Colombia	16.6	(0.7)	14.9	(0.8)	13.8	(0.5)	12.5	(0.6)	4.0	(0.8)
	Croatia	6.8	(0.5)	5.9	(0.5)	5.4	(0.4)	5.3	(0.4)	1.4	(0.6)
	Estonia	14.4	(0.8)	13.9	(0.7)	12.7	(0.6)	11.3	(0.6)	3.1	(0.7)
	Hong Kong-China	9.7	(0.4)	9.7	(0.5)	8.5	(0.5)	8.4	(0.5)	1.4	(0.7)
	Indonesia	16.6	(0.6)	17.0	(0.6)	17.0	(0.9)	16.1	(0.6)	0.4	(0.6)
	Israel	23.2	(0.9)	21.3	(0.8)	18.2	(0.7)	16.9	(0.7)	6.2	(1.2)
	Jordan	23.5	(0.7)	22.7	(0.7)	22.7	(0.7)	19.6	(0.7)	4.0	(1.0)
	Kyrgyzstan	27.2	(1.0)	28.2	(0.8)	26.6	(0.9)	22.3	(0.8)	4.8	(1.3)
	Latvia	12.6	(0.7)	12.0	(0.6)	10.8	(0.5)	10.2	(0.5)	2.4	(0.8)
	Liechtenstein	9.1	(1.6)	5.3	(1.2)	4.1	(1.3)	3.5	(1.0)	5.3	(1.9)
	Lithuania	11.6	(0.6)	9.8	(0.5)	9.5	(0.5)	8.5	(0.5)	3.1	(0.7)
	Macao-China	10.9	(0.5)	10.7	(0.4)	10.8	(0.4)	12.1	(0.6)	-1.1	(0.8)
	Montenegro	12.6	(0.7)	11.4	(0.6)	12.0	(0.6)	9.8	(0.5)	3.0	(0.9)
	Qatar	25.4	(0.6)	24.5	(0.6)	22.4	(0.6)	22.1	(0.6)	3.4	(0.9)
	Romania	20.3	(0.9)	20.2	(0.8)	20.4	(0.8)	18.0	(0.7)	2.1	(1.3)
	Russian Federation	17.0	(0.8)	17.1	(0.9)	16.1	(0.9)	15.3	(0.6)	1.7	(1.1)
	Serbia	13.9	(0.6)	13.2	(0.7)	13.1	(0.6)	11.2	(0.5)	2.7	(0.8)
	Slovenia	14.5	(0.5)	12.9	(0.5)	11.4	(0.5)	9.4	(0.5)	4.9	(0.7)
Chinese Taipei	9.3	(0.4)	9.3	(0.5)	8.7	(0.4)	8.2	(0.5)	1.0	(0.6)	
Thailand	7.8	(0.5)	8.3	(0.5)	7.6	(0.4)	5.7	(0.4)	2.2	(0.7)	
Tunisia	25.6	(0.7)	25.8	(0.8)	24.0	(0.7)	19.1	(0.8)	6.4	(1.1)	
Uruguay	11.8	(0.6)	12.3	(0.7)	12.8	(0.7)	8.2	(0.5)	3.4	(0.8)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7c Mean learning hours and allocation of total learning time on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 7/7]

		Allocation of total learning time on the language of instruction for									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	23.0	(0.3)	24.2	(0.3)	25.2	(0.3)	26.3	(0.3)	-3.3	(0.5)
	Austria	32.4	(0.8)	31.3	(0.7)	30.5	(0.7)	30.3	(0.6)	2.0	(0.9)
	Belgium	24.9	(0.5)	25.6	(0.5)	26.1	(0.4)	26.1	(0.4)	-1.3	(0.6)
	Canada	22.5	(0.4)	22.7	(0.4)	24.1	(0.4)	25.1	(0.4)	-2.5	(0.5)
	Czech Republic	19.7	(0.7)	20.0	(0.6)	18.8	(0.4)	19.2	(0.6)	0.5	(0.9)
	Denmark	21.3	(0.4)	21.4	(0.3)	22.4	(0.4)	22.5	(0.4)	-1.3	(0.6)
	Finland	22.4	(0.5)	22.5	(0.5)	23.8	(0.5)	23.7	(0.5)	-1.4	(0.6)
	France	21.2	(0.6)	21.8	(0.5)	22.6	(0.4)	23.8	(0.4)	-2.6	(0.8)
	Germany	29.7	(0.5)	30.1	(0.6)	30.0	(0.5)	29.4	(0.6)	0.3	(0.7)
	Greece	27.7	(0.7)	27.9	(0.6)	27.5	(0.5)	26.7	(0.6)	1.1	(0.8)
	Hungary	29.3	(0.6)	27.9	(0.4)	29.1	(0.6)	27.7	(0.4)	1.8	(0.7)
	Iceland	22.4	(0.5)	21.9	(0.5)	22.1	(0.4)	22.4	(0.4)	0.1	(0.6)
	Ireland	25.3	(0.7)	27.0	(0.6)	28.7	(0.5)	29.2	(0.7)	-3.9	(1.0)
	Italy	33.2	(0.3)	34.2	(0.4)	34.5	(0.4)	36.1	(0.4)	-3.0	(0.5)
	Japan	14.0	(0.5)	15.5	(0.6)	16.4	(0.5)	16.5	(0.6)	-2.6	(0.6)
	Korea	15.0	(0.4)	15.5	(0.4)	17.6	(0.4)	20.6	(0.4)	-5.6	(0.6)
	Luxembourg	25.4	(0.7)	24.6	(0.6)	23.2	(0.5)	22.4	(0.4)	3.1	(0.8)
	Mexico	31.2	(0.6)	31.2	(0.4)	30.5	(0.4)	28.6	(0.5)	2.5	(0.7)
	Netherlands	26.3	(0.6)	24.7	(0.5)	25.9	(0.6)	27.7	(0.6)	-1.4	(0.9)
	New Zealand	20.7	(0.6)	21.9	(0.5)	21.6	(0.4)	23.3	(0.5)	-2.6	(0.7)
	Norway	20.2	(0.5)	21.1	(0.5)	21.8	(0.5)	22.4	(0.5)	-2.3	(0.7)
	Poland	28.5	(0.6)	27.8	(0.5)	27.7	(0.5)	27.9	(0.4)	0.6	(0.7)
	Portugal	30.4	(0.7)	30.5	(0.5)	30.3	(0.5)	29.7	(0.6)	0.6	(0.9)
	Slovak Republic	27.2	(1.2)	29.0	(0.5)	29.4	(0.7)	27.8	(0.7)	-0.6	(1.3)
	Spain	28.3	(0.5)	29.0	(0.5)	29.4	(0.5)	30.2	(0.4)	-1.9	(0.6)
	Sweden	21.1	(0.6)	23.2	(0.7)	23.3	(0.5)	24.4	(0.7)	-3.2	(0.8)
	Switzerland	26.2	(0.5)	25.3	(0.4)	25.3	(0.5)	24.7	(0.4)	1.5	(0.6)
Turkey	26.8	(0.4)	27.2	(0.5)	25.5	(0.5)	22.4	(0.7)	4.4	(0.8)	
United Kingdom	22.3	(0.4)	23.4	(0.4)	25.2	(0.4)	27.5	(0.4)	-5.1	(0.5)	
United States	28.1	(0.5)	26.9	(0.5)	28.0	(0.5)	29.7	(0.6)	-1.5	(0.8)	
OECD average	24.9	(0.1)	25.2	(0.1)	25.6	(0.1)	25.8	(0.1)	-0.9	(0.1)	
Partners	Argentina	37.0	(0.9)	37.5	(0.9)	38.7	(0.9)	34.0	(0.9)	3.6	(1.4)
	Azerbaijan	35.3	(1.1)	36.3	(0.7)	36.3	(0.6)	35.5	(0.6)	0.3	(1.2)
	Brazil	29.2	(0.7)	27.5	(0.6)	28.0	(0.6)	26.8	(0.5)	2.5	(0.8)
	Bulgaria	30.9	(0.8)	32.6	(0.8)	34.1	(0.6)	33.6	(0.7)	-2.8	(1.0)
	Chile	29.8	(0.6)	28.0	(0.7)	27.0	(0.6)	24.9	(0.6)	5.0	(0.9)
	Colombia	25.1	(0.9)	26.2	(0.8)	24.9	(0.5)	24.9	(0.7)	0.1	(1.3)
	Croatia	28.0	(0.7)	28.0	(0.6)	27.6	(0.6)	25.9	(0.7)	2.2	(0.8)
	Estonia	24.9	(0.6)	25.2	(0.5)	25.3	(0.6)	25.1	(0.5)	-0.2	(0.7)
	Hong Kong-China	20.3	(0.6)	20.3	(0.5)	19.3	(0.5)	20.1	(0.5)	0.2	(0.7)
	Indonesia	27.9	(0.6)	26.9	(0.6)	27.7	(0.5)	25.8	(0.7)	2.0	(1.0)
	Israel	28.2	(0.9)	26.4	(0.8)	25.7	(0.9)	24.2	(0.6)	4.0	(1.1)
	Jordan	35.5	(0.7)	34.0	(0.7)	32.8	(0.7)	32.3	(0.6)	3.3	(0.9)
	Kyrgyzstan	35.8	(0.8)	34.4	(0.7)	33.5	(0.7)	32.6	(0.7)	3.4	(1.0)
	Latvia	28.8	(0.8)	29.6	(0.7)	29.6	(0.5)	29.3	(0.5)	-0.6	(1.0)
	Liechtenstein	23.8	(1.6)	24.7	(2.0)	25.8	(1.9)	23.8	(1.9)	0.4	(2.5)
	Lithuania	27.6	(0.7)	26.9	(0.6)	28.0	(0.6)	28.7	(0.5)	-1.0	(0.8)
	Macao-China	17.0	(0.5)	17.0	(0.4)	17.3	(0.4)	18.6	(0.5)	-1.6	(0.6)
	Montenegro	36.7	(0.9)	36.5	(0.7)	34.8	(0.7)	34.2	(0.7)	2.3	(1.1)
	Qatar	33.0	(0.6)	32.0	(0.6)	31.4	(0.5)	30.4	(0.6)	2.5	(0.9)
	Romania	30.1	(0.8)	29.9	(0.6)	29.3	(0.7)	29.1	(0.7)	0.8	(0.8)
	Russian Federation	34.4	(0.8)	35.9	(0.7)	35.4	(0.6)	35.9	(0.7)	-1.6	(0.8)
	Serbia	26.6	(0.6)	27.2	(0.6)	27.2	(0.6)	26.8	(0.6)	-0.3	(0.8)
	Slovenia	28.3	(0.7)	27.8	(0.6)	26.4	(0.6)	25.9	(0.6)	2.3	(1.0)
	Chinese Taipei	23.8	(0.4)	25.2	(0.5)	25.3	(0.5)	25.6	(0.4)	-1.9	(0.6)
	Thailand	30.1	(0.6)	31.1	(0.5)	30.7	(0.5)	28.5	(0.5)	1.7	(0.8)
	Tunisia	31.9	(0.8)	30.5	(0.7)	30.1	(0.7)	30.6	(1.1)	1.3	(1.3)
	Uruguay	28.5	(0.8)	27.1	(0.8)	26.7	(0.9)	29.3	(0.6)	-0.6	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 1/7]

		Mean learning hours per week									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	10.49	(0.11)	11.23	(0.09)	11.61	(0.10)	12.34	(0.11)	-1.86	(0.14)
	Austria	7.98	(0.12)	8.34	(0.13)	8.80	(0.13)	9.11	(0.13)	-1.12	(0.17)
	Belgium	8.25	(0.17)	9.27	(0.13)	10.22	(0.15)	11.15	(0.11)	-2.85	(0.20)
	Canada	11.67	(0.16)	12.73	(0.14)	13.45	(0.16)	13.89	(0.20)	-2.23	(0.20)
	Czech Republic	10.12	(0.15)	10.32	(0.14)	10.66	(0.17)	11.50	(0.14)	-1.36	(0.17)
	Denmark	12.70	(0.13)	13.15	(0.13)	13.26	(0.11)	13.53	(0.13)	-0.83	(0.18)
	Finland	9.27	(0.16)	9.52	(0.14)	9.74	(0.13)	10.30	(0.15)	-1.03	(0.17)
	France	9.36	(0.14)	10.25	(0.13)	10.95	(0.13)	12.40	(0.13)	-3.05	(0.18)
	Germany	9.88	(0.18)	10.61	(0.15)	10.99	(0.14)	11.00	(0.12)	-1.20	(0.22)
	Greece	8.57	(0.17)	9.47	(0.17)	10.03	(0.16)	11.23	(0.18)	-2.68	(0.24)
	Hungary	7.98	(0.16)	8.83	(0.16)	8.99	(0.16)	10.19	(0.21)	-2.21	(0.25)
	Iceland	11.96	(0.12)	12.19	(0.13)	12.17	(0.12)	12.64	(0.12)	-0.69	(0.15)
	Ireland	9.49	(0.17)	9.43	(0.14)	9.87	(0.14)	10.22	(0.13)	-0.74	(0.21)
	Italy	10.71	(0.14)	11.17	(0.10)	11.67	(0.11)	11.53	(0.14)	-0.84	(0.17)
	Japan	9.43	(0.17)	10.50	(0.16)	11.38	(0.15)	11.81	(0.17)	-2.39	(0.21)
	Korea	11.94	(0.18)	12.67	(0.14)	12.87	(0.14)	13.54	(0.19)	-1.61	(0.25)
	Luxembourg	8.94	(0.12)	9.48	(0.11)	9.98	(0.12)	10.50	(0.12)	-1.58	(0.16)
	Mexico	10.43	(0.24)	10.51	(0.18)	10.62	(0.15)	11.80	(0.16)	-1.30	(0.29)
	Netherlands	7.47	(0.13)	7.67	(0.11)	8.14	(0.12)	8.63	(0.14)	-1.14	(0.20)
	New Zealand	11.80	(0.17)	12.71	(0.16)	13.19	(0.14)	13.72	(0.12)	-1.89	(0.21)
	Norway	9.05	(0.15)	9.61	(0.11)	9.88	(0.14)	10.01	(0.13)	-0.98	(0.20)
	Poland	11.05	(0.13)	11.47	(0.13)	11.91	(0.14)	12.44	(0.12)	-1.41	(0.15)
	Portugal	8.81	(0.18)	9.79	(0.17)	10.31	(0.16)	11.42	(0.19)	-2.60	(0.27)
	Slovak Republic	7.98	(0.18)	8.45	(0.16)	9.05	(0.20)	10.03	(0.18)	-2.07	(0.22)
	Spain	9.26	(0.11)	9.84	(0.12)	10.26	(0.12)	11.23	(0.16)	-1.97	(0.18)
	Sweden	8.82	(0.11)	8.88	(0.12)	9.08	(0.09)	9.28	(0.12)	-0.47	(0.17)
Switzerland	9.28	(0.13)	9.59	(0.12)	10.01	(0.14)	10.64	(0.12)	-1.36	(0.15)	
Turkey	9.61	(0.22)	10.06	(0.18)	10.59	(0.20)	12.41	(0.28)	-2.81	(0.34)	
United Kingdom	11.27	(0.14)	11.73	(0.11)	12.20	(0.11)	12.60	(0.12)	-1.32	(0.16)	
United States	9.13	(0.27)	10.41	(0.18)	11.47	(0.16)	12.83	(0.18)	-3.68	(0.35)	
OECD average	9.76	(0.03)	10.33	(0.03)	10.78	(0.03)	11.46	(0.03)	-1.71	(0.04)	
Partners	Argentina	6.62	(0.17)	7.17	(0.17)	7.66	(0.21)	9.04	(0.26)	-2.45	(0.32)
	Azerbaijan	9.51	(0.18)	10.10	(0.21)	10.71	(0.19)	11.18	(0.20)	-1.66	(0.24)
	Brazil	7.73	(0.19)	7.84	(0.16)	8.51	(0.12)	9.76	(0.14)	-2.02	(0.25)
	Bulgaria	7.28	(0.26)	7.90	(0.20)	8.86	(0.19)	10.17	(0.23)	-2.91	(0.35)
	Chile	7.60	(0.19)	8.54	(0.17)	9.52	(0.20)	11.45	(0.25)	-3.82	(0.30)
	Colombia	11.10	(0.26)	11.30	(0.27)	11.42	(0.19)	12.84	(0.26)	-1.68	(0.31)
	Croatia	7.60	(0.15)	8.32	(0.11)	8.50	(0.13)	9.31	(0.11)	-1.70	(0.17)
	Estonia	10.48	(0.19)	10.77	(0.13)	10.98	(0.16)	11.57	(0.13)	-1.07	(0.20)
	Hong Kong-China	12.68	(0.18)	13.30	(0.16)	13.67	(0.17)	14.63	(0.20)	-1.96	(0.28)
	Indonesia	10.47	(0.24)	10.71	(0.21)	10.76	(0.23)	11.96	(0.19)	-1.48	(0.26)
	Israel	8.52	(0.16)	9.45	(0.19)	9.73	(0.19)	10.67	(0.17)	-2.10	(0.25)
	Jordan	9.25	(0.23)	9.92	(0.21)	10.61	(0.18)	11.69	(0.21)	-2.48	(0.31)
	Kyrgyzstan	7.13	(0.31)	7.07	(0.21)	7.88	(0.21)	9.11	(0.22)	-1.93	(0.36)
	Latvia	10.47	(0.19)	11.01	(0.17)	11.13	(0.14)	11.64	(0.14)	-1.18	(0.23)
	Liechtenstein	9.79	(0.39)	9.97	(0.42)	10.52	(0.43)	10.73	(0.33)	-0.95	(0.53)
	Lithuania	8.95	(0.19)	9.69	(0.16)	10.07	(0.15)	10.70	(0.18)	-1.77	(0.23)
	Macao-China	13.87	(0.16)	14.96	(0.16)	14.26	(0.16)	14.78	(0.16)	-0.92	(0.21)
	Montenegro	7.96	(0.18)	8.51	(0.15)	8.91	(0.20)	10.17	(0.17)	-2.25	(0.28)
	Qatar	7.41	(0.15)	8.31	(0.16)	9.36	(0.18)	9.64	(0.15)	-2.24	(0.23)
	Romania	7.32	(0.19)	8.18	(0.23)	8.71	(0.20)	10.10	(0.24)	-2.80	(0.26)
	Russian Federation	8.83	(0.21)	9.06	(0.18)	9.62	(0.16)	10.16	(0.12)	-1.35	(0.24)
	Serbia	8.55	(0.15)	8.77	(0.14)	9.47	(0.16)	10.49	(0.14)	-1.95	(0.19)
	Slovenia	8.24	(0.15)	9.08	(0.12)	9.54	(0.12)	10.72	(0.14)	-2.44	(0.22)
	Chinese Taipei	9.83	(0.21)	10.86	(0.19)	12.14	(0.18)	13.30	(0.16)	-3.49	(0.24)
	Thailand	10.41	(0.13)	10.46	(0.11)	10.16	(0.14)	11.75	(0.17)	-1.34	(0.22)
	Tunisia	8.49	(0.17)	8.96	(0.16)	9.18	(0.17)	10.04	(0.23)	-1.54	(0.29)
Uruguay	7.62	(0.16)	8.10	(0.17)	8.75	(0.14)	9.46	(0.16)	-1.81	(0.20)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

[Part 2/7]

		Mean learning hours per week									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.85	(0.07)	1.72	(0.06)	1.72	(0.06)	1.75	(0.06)	0.10	(0.10)
	Austria	1.14	(0.08)	0.99	(0.07)	0.83	(0.06)	0.82	(0.06)	0.31	(0.09)
	Belgium	1.40	(0.06)	1.34	(0.08)	1.27	(0.06)	1.22	(0.07)	0.22	(0.10)
	Canada	2.27	(0.08)	2.23	(0.08)	2.49	(0.09)	2.41	(0.08)	-0.14	(0.10)
	Czech Republic	1.97	(0.09)	1.80	(0.10)	1.89	(0.08)	1.90	(0.09)	0.07	(0.14)
	Denmark	3.95	(0.14)	3.65	(0.11)	3.89	(0.12)	3.83	(0.11)	0.12	(0.17)
	Finland	1.09	(0.07)	1.10	(0.07)	1.07	(0.06)	0.96	(0.06)	0.14	(0.09)
	France	2.44	(0.08)	2.28	(0.08)	2.27	(0.08)	1.96	(0.08)	0.50	(0.12)
	Germany	2.24	(0.12)	1.94	(0.08)	1.91	(0.11)	1.57	(0.08)	0.67	(0.15)
	Greece	4.69	(0.17)	5.68	(0.16)	6.33	(0.16)	6.68	(0.22)	-2.00	(0.28)
	Hungary	3.58	(0.11)	3.46	(0.11)	3.73	(0.12)	3.58	(0.13)	-0.00	(0.17)
	Iceland	1.28	(0.08)	1.38	(0.09)	1.65	(0.10)	1.52	(0.07)	-0.24	(0.11)
	Ireland	1.66	(0.09)	1.64	(0.07)	1.75	(0.09)	1.55	(0.09)	0.10	(0.12)
	Italy	2.19	(0.07)	2.23	(0.08)	2.25	(0.07)	2.33	(0.08)	-0.14	(0.11)
	Japan	1.25	(0.08)	1.21	(0.08)	1.46	(0.09)	1.62	(0.08)	-0.38	(0.10)
	Korea	3.34	(0.15)	4.10	(0.13)	5.14	(0.13)	6.40	(0.15)	-3.05	(0.22)
	Luxembourg	2.31	(0.10)	2.06	(0.08)	1.81	(0.07)	1.51	(0.06)	0.82	(0.13)
	Mexico	3.80	(0.19)	3.10	(0.09)	3.31	(0.10)	2.88	(0.16)	0.93	(0.26)
	Netherlands	2.12	(0.11)	2.03	(0.08)	1.83	(0.09)	1.54	(0.08)	0.58	(0.14)
	New Zealand	1.94	(0.11)	1.71	(0.09)	1.64	(0.10)	1.69	(0.10)	0.26	(0.15)
	Norway	3.16	(0.09)	3.14	(0.10)	3.00	(0.09)	3.23	(0.11)	-0.06	(0.14)
	Poland	2.12	(0.11)	2.09	(0.09)	2.04	(0.09)	2.16	(0.08)	-0.04	(0.14)
	Portugal	1.90	(0.10)	2.01	(0.10)	2.05	(0.09)	2.03	(0.09)	-0.13	(0.15)
	Slovak Republic	2.24	(0.10)	2.19	(0.10)	2.38	(0.10)	2.82	(0.11)	-0.60	(0.16)
	Spain	2.19	(0.09)	2.36	(0.10)	2.30	(0.09)	2.10	(0.12)	0.10	(0.16)
	Sweden	1.81	(0.08)	1.77	(0.09)	1.75	(0.07)	1.78	(0.10)	0.02	(0.14)
Switzerland	1.94	(0.09)	1.55	(0.08)	1.49	(0.06)	1.30	(0.06)	0.63	(0.11)	
Turkey	4.76	(0.15)	4.54	(0.14)	5.24	(0.15)	6.36	(0.13)	-1.61	(0.21)	
United Kingdom	1.65	(0.09)	1.71	(0.07)	1.81	(0.06)	1.61	(0.07)	0.05	(0.11)	
United States	3.16	(0.15)	3.06	(0.11)	3.14	(0.12)	2.77	(0.12)	0.39	(0.19)	
OECD average	2.38	(0.02)	2.34	(0.02)	2.45	(0.02)	2.46	(0.02)	-0.08	(0.03)	
Partners	Argentina	1.68	(0.12)	1.71	(0.10)	1.69	(0.12)	1.56	(0.12)	0.13	(0.17)
	Azerbaijan	4.63	(0.19)	4.67	(0.16)	4.78	(0.16)	5.36	(0.16)	-0.70	(0.22)
	Brazil	2.98	(0.12)	3.01	(0.12)	3.18	(0.14)	3.43	(0.14)	-0.43	(0.18)
	Bulgaria	3.12	(0.16)	3.26	(0.15)	3.07	(0.12)	3.35	(0.11)	-0.22	(0.20)
	Chile	2.91	(0.10)	2.78	(0.09)	2.83	(0.10)	2.70	(0.10)	0.21	(0.12)
	Colombia	3.35	(0.14)	3.47	(0.20)	3.07	(0.11)	3.37	(0.12)	0.01	(0.20)
	Croatia	1.53	(0.08)	1.48	(0.08)	1.54	(0.07)	1.76	(0.09)	-0.24	(0.12)
	Estonia	2.76	(0.11)	2.71	(0.11)	2.55	(0.12)	2.50	(0.11)	0.26	(0.13)
	Hong Kong-China	2.51	(0.12)	2.96	(0.13)	3.08	(0.10)	3.76	(0.12)	-1.25	(0.16)
	Indonesia	3.31	(0.15)	3.53	(0.12)	3.68	(0.17)	4.14	(0.18)	-0.84	(0.19)
	Israel	4.72	(0.13)	4.52	(0.16)	4.22	(0.15)	4.37	(0.12)	0.35	(0.18)
	Jordan	4.83	(0.16)	5.13	(0.14)	5.22	(0.14)	5.19	(0.18)	-0.36	(0.24)
	Kyrgyzstan	4.73	(0.15)	4.66	(0.14)	4.64	(0.14)	4.36	(0.13)	0.36	(0.19)
	Latvia	2.64	(0.14)	2.75	(0.12)	2.72	(0.11)	2.77	(0.11)	-0.12	(0.19)
	Liechtenstein	1.96	(0.27)	0.92	(0.17)	1.22	(0.22)	1.24	(0.25)	0.68	(0.39)
	Lithuania	2.04	(0.10)	1.93	(0.09)	1.90	(0.08)	1.86	(0.09)	0.19	(0.13)
	Macao-China	3.10	(0.13)	3.17	(0.10)	3.10	(0.13)	3.65	(0.18)	-0.54	(0.22)
	Montenegro	2.42	(0.11)	2.63	(0.11)	2.81	(0.12)	2.86	(0.13)	-0.43	(0.18)
	Qatar	4.81	(0.11)	4.92	(0.11)	4.92	(0.13)	4.96	(0.12)	-0.14	(0.16)
	Romania	3.71	(0.20)	3.94	(0.13)	4.16	(0.15)	4.35	(0.10)	-0.66	(0.24)
	Russian Federation	2.94	(0.11)	3.10	(0.09)	3.07	(0.13)	3.16	(0.10)	-0.22	(0.15)
	Serbia	2.58	(0.08)	2.62	(0.11)	2.76	(0.11)	2.68	(0.11)	-0.12	(0.14)
	Slovenia	2.73	(0.09)	2.61	(0.09)	2.40	(0.10)	2.12	(0.08)	0.62	(0.14)
	Chinese Taipei	2.19	(0.07)	2.76	(0.09)	3.21	(0.10)	3.85	(0.11)	-1.66	(0.13)
	Thailand	1.82	(0.13)	2.17	(0.12)	2.27	(0.11)	3.33	(0.13)	-1.52	(0.19)
	Tunisia	5.96	(0.11)	6.00	(0.14)	6.11	(0.13)	6.35	(0.15)	-0.39	(0.20)
Uruguay	1.90	(0.10)	2.08	(0.10)	2.31	(0.10)	2.03	(0.09)	-0.13	(0.14)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 3/7]

		Mean learning hours per week									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.97	(0.08)	4.43	(0.08)	4.78	(0.10)	5.54	(0.09)	-1.57	(0.12)
	Austria	5.19	(0.11)	4.98	(0.12)	4.83	(0.13)	4.78	(0.12)	0.37	(0.15)
	Belgium	3.64	(0.10)	4.10	(0.09)	4.67	(0.10)	5.15	(0.09)	-1.48	(0.13)
	Canada	4.46	(0.11)	4.84	(0.10)	5.70	(0.11)	6.05	(0.13)	-1.60	(0.15)
	Czech Republic	3.43	(0.11)	3.47	(0.14)	3.35	(0.10)	3.62	(0.10)	-0.19	(0.16)
	Denmark	4.75	(0.12)	4.82	(0.10)	5.17	(0.09)	5.23	(0.10)	-0.46	(0.14)
	Finland	3.19	(0.09)	3.32	(0.09)	3.50	(0.08)	3.62	(0.08)	-0.43	(0.11)
	France	3.89	(0.11)	4.23	(0.11)	4.72	(0.11)	5.45	(0.13)	-1.56	(0.16)
	Germany	5.77	(0.17)	5.92	(0.13)	6.02	(0.14)	5.78	(0.14)	-0.08	(0.21)
	Greece	5.14	(0.13)	5.40	(0.13)	5.99	(0.15)	6.63	(0.13)	-1.50	(0.17)
	Hungary	4.91	(0.12)	5.11	(0.13)	5.37	(0.13)	5.77	(0.15)	-0.85	(0.19)
	Iceland	4.28	(0.11)	4.34	(0.09)	4.42	(0.10)	4.64	(0.11)	-0.37	(0.15)
	Ireland	4.12	(0.14)	4.40	(0.11)	4.99	(0.12)	5.29	(0.13)	-1.15	(0.19)
	Italy	6.81	(0.08)	7.32	(0.11)	7.83	(0.12)	8.17	(0.12)	-1.37	(0.12)
	Japan	2.28	(0.09)	2.97	(0.11)	3.41	(0.13)	3.82	(0.15)	-1.53	(0.15)
	Korea	3.62	(0.12)	4.20	(0.12)	5.05	(0.13)	6.86	(0.24)	-3.23	(0.28)
	Luxembourg	4.35	(0.11)	4.49	(0.11)	4.29	(0.08)	4.22	(0.09)	0.12	(0.14)
	Mexico	6.51	(0.17)	6.40	(0.10)	6.49	(0.12)	6.27	(0.12)	0.23	(0.18)
	Netherlands	3.73	(0.09)	3.74	(0.11)	4.12	(0.12)	4.40	(0.09)	-0.64	(0.12)
	New Zealand	3.84	(0.10)	4.31	(0.12)	4.47	(0.10)	5.13	(0.13)	-1.30	(0.16)
	Norway	3.70	(0.10)	4.03	(0.10)	4.03	(0.12)	4.50	(0.10)	-0.79	(0.13)
	Poland	6.30	(0.14)	6.08	(0.12)	6.38	(0.12)	6.60	(0.11)	-0.31	(0.19)
	Portugal	5.26	(0.16)	5.82	(0.16)	5.96	(0.12)	6.29	(0.16)	-1.04	(0.24)
	Slovak Republic	4.29	(0.13)	4.58	(0.11)	5.06	(0.14)	5.31	(0.16)	-1.02	(0.18)
	Spain	4.94	(0.12)	5.39	(0.12)	5.81	(0.13)	6.20	(0.11)	-1.30	(0.15)
	Sweden	3.23	(0.10)	3.44	(0.08)	3.76	(0.09)	3.89	(0.11)	-0.67	(0.17)
Switzerland	4.31	(0.07)	4.07	(0.08)	4.18	(0.09)	4.23	(0.07)	0.07	(0.10)	
Turkey	5.76	(0.11)	5.99	(0.15)	6.18	(0.16)	6.52	(0.16)	-0.76	(0.21)	
United Kingdom	3.80	(0.08)	4.25	(0.08)	4.78	(0.09)	5.29	(0.11)	-1.51	(0.13)	
United States	4.73	(0.13)	4.95	(0.11)	5.87	(0.12)	6.78	(0.15)	-2.04	(0.21)	
OECD average	4.47	(0.02)	4.71	(0.02)	5.04	(0.02)	5.40	(0.02)	-0.93	(0.03)	
Partners	Argentina	4.61	(0.15)	5.01	(0.18)	5.28	(0.16)	5.26	(0.14)	-0.64	(0.19)
	Azerbaijan	7.98	(0.29)	8.42	(0.17)	9.04	(0.21)	9.40	(0.20)	-1.36	(0.32)
	Brazil	5.18	(0.13)	4.85	(0.12)	5.36	(0.15)	5.44	(0.12)	-0.23	(0.18)
	Bulgaria	5.02	(0.18)	5.70	(0.19)	6.57	(0.21)	7.33	(0.22)	-2.31	(0.28)
	Chile	4.43	(0.10)	4.50	(0.10)	4.97	(0.16)	4.84	(0.11)	-0.41	(0.13)
	Colombia	5.39	(0.18)	5.73	(0.16)	5.28	(0.15)	5.91	(0.17)	-0.52	(0.29)
	Croatia	4.51	(0.12)	4.84	(0.12)	4.91	(0.12)	5.15	(0.11)	-0.65	(0.15)
	Estonia	4.78	(0.12)	5.09	(0.12)	5.17	(0.12)	5.42	(0.13)	-0.63	(0.17)
	Hong Kong-China	4.69	(0.14)	5.20	(0.13)	5.21	(0.14)	6.22	(0.17)	-1.53	(0.18)
	Indonesia	5.55	(0.16)	5.38	(0.11)	5.63	(0.14)	5.75	(0.16)	-0.20	(0.24)
	Israel	5.49	(0.16)	5.43	(0.19)	5.09	(0.18)	5.39	(0.18)	0.12	(0.25)
	Jordan	7.52	(0.18)	7.79	(0.17)	7.99	(0.14)	8.35	(0.20)	-0.83	(0.26)
	Kyrgyzstan	6.89	(0.20)	6.47	(0.16)	6.66	(0.15)	6.78	(0.15)	0.09	(0.25)
	Latvia	5.82	(0.17)	6.33	(0.16)	6.32	(0.13)	6.52	(0.14)	-0.71	(0.21)
	Liechtenstein	3.79	(0.26)	3.46	(0.25)	4.00	(0.25)	4.37	(0.38)	-0.60	(0.49)
	Lithuania	4.90	(0.13)	4.99	(0.12)	5.36	(0.13)	5.86	(0.13)	-0.97	(0.17)
	Macao-China	4.38	(0.13)	4.76	(0.13)	4.94	(0.12)	5.63	(0.14)	-1.25	(0.18)
	Montenegro	5.77	(0.15)	6.21	(0.15)	6.35	(0.18)	6.48	(0.16)	-0.74	(0.24)
	Qatar	5.82	(0.10)	6.18	(0.12)	6.59	(0.12)	6.50	(0.11)	-0.70	(0.16)
	Romania	5.28	(0.24)	5.81	(0.16)	6.09	(0.14)	6.65	(0.14)	-1.41	(0.29)
	Russian Federation	6.13	(0.18)	6.59	(0.17)	6.79	(0.15)	7.09	(0.10)	-0.96	(0.18)
	Serbia	4.73	(0.12)	4.93	(0.11)	5.29	(0.14)	5.95	(0.15)	-1.23	(0.18)
	Slovenia	4.70	(0.10)	4.98	(0.12)	4.93	(0.13)	5.12	(0.12)	-0.43	(0.17)
	Chinese Taipei	3.59	(0.11)	4.54	(0.13)	5.21	(0.11)	6.20	(0.12)	-2.62	(0.16)
	Thailand	5.13	(0.18)	5.29	(0.12)	5.23	(0.15)	5.61	(0.12)	-0.49	(0.23)
	Tunisia	7.24	(0.17)	7.33	(0.15)	7.08	(0.13)	7.50	(0.13)	-0.24	(0.23)
Uruguay	3.85	(0.13)	4.11	(0.13)	4.35	(0.12)	4.62	(0.11)	-0.79	(0.16)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Mean learning hours per week									
		Total learning hours									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	16.36	(0.20)	17.40	(0.16)	18.15	(0.19)	19.57	(0.19)	-3.22	(0.26)
	Austria	14.36	(0.22)	14.43	(0.22)	14.46	(0.25)	14.71	(0.23)	-0.39	(0.29)
	Belgium	13.34	(0.28)	14.73	(0.22)	16.18	(0.22)	17.51	(0.17)	-4.05	(0.32)
	Canada	18.52	(0.25)	19.93	(0.25)	21.67	(0.26)	22.42	(0.33)	-3.89	(0.35)
	Czech Republic	15.42	(0.25)	15.55	(0.25)	15.95	(0.28)	17.02	(0.23)	-1.60	(0.31)
	Denmark	21.32	(0.31)	21.60	(0.23)	22.32	(0.22)	22.52	(0.24)	-1.20	(0.34)
	Finland	13.55	(0.26)	13.92	(0.22)	14.34	(0.20)	14.86	(0.19)	-1.32	(0.28)
	France	15.78	(0.24)	16.76	(0.21)	17.95	(0.23)	19.83	(0.24)	-4.05	(0.34)
	Germany	17.94	(0.35)	18.49	(0.22)	19.02	(0.24)	18.31	(0.24)	-0.57	(0.41)
	Greece	18.36	(0.37)	20.68	(0.35)	22.28	(0.35)	24.61	(0.34)	-6.23	(0.50)
	Hungary	16.46	(0.31)	17.44	(0.32)	18.16	(0.31)	19.51	(0.42)	-3.05	(0.51)
	Iceland	17.44	(0.20)	17.99	(0.19)	18.26	(0.22)	18.81	(0.20)	-1.37	(0.26)
	Ireland	15.22	(0.29)	15.41	(0.24)	16.65	(0.26)	17.03	(0.26)	-1.81	(0.39)
	Italy	19.77	(0.20)	20.81	(0.22)	21.71	(0.22)	21.99	(0.26)	-2.22	(0.25)
	Japan	12.97	(0.25)	14.66	(0.25)	16.24	(0.28)	17.24	(0.30)	-4.32	(0.33)
	Korea	19.06	(0.37)	21.02	(0.29)	23.15	(0.28)	26.75	(0.50)	-7.70	(0.65)
	Luxembourg	15.60	(0.21)	16.10	(0.22)	16.01	(0.18)	16.24	(0.18)	-0.64	(0.27)
	Mexico	20.56	(0.40)	19.85	(0.27)	20.35	(0.25)	20.87	(0.33)	-0.26	(0.50)
	Netherlands	13.24	(0.23)	13.53	(0.23)	14.04	(0.24)	14.48	(0.21)	-1.18	(0.29)
	New Zealand	17.58	(0.24)	18.77	(0.25)	19.31	(0.22)	20.56	(0.25)	-2.96	(0.34)
Norway	15.93	(0.25)	16.71	(0.21)	16.90	(0.24)	17.68	(0.26)	-1.80	(0.37)	
Poland	19.49	(0.25)	19.68	(0.23)	20.36	(0.22)	21.23	(0.22)	-1.74	(0.33)	
Portugal	16.09	(0.30)	17.64	(0.32)	18.35	(0.29)	19.65	(0.34)	-3.63	(0.48)	
Slovak Republic	14.52	(0.33)	15.23	(0.31)	16.52	(0.33)	18.20	(0.34)	-3.72	(0.42)	
Spain	16.60	(0.23)	17.77	(0.27)	18.37	(0.22)	19.59	(0.23)	-3.02	(0.27)	
Sweden	13.89	(0.22)	14.09	(0.19)	14.55	(0.18)	14.92	(0.25)	-1.03	(0.39)	
Switzerland	15.52	(0.16)	15.26	(0.19)	15.68	(0.19)	16.17	(0.18)	-0.65	(0.22)	
Turkey	19.89	(0.41)	20.54	(0.39)	21.88	(0.41)	25.25	(0.47)	-5.39	(0.65)	
United Kingdom	16.79	(0.25)	17.72	(0.19)	18.77	(0.21)	19.50	(0.22)	-2.71	(0.31)	
United States	17.16	(0.33)	18.58	(0.27)	20.58	(0.25)	22.43	(0.29)	-5.24	(0.48)	
OECD average	16.63	(0.05)	17.41	(0.05)	18.27	(0.05)	19.32	(0.05)	-2.70	(0.07)	
Partners	Argentina	12.89	(0.28)	14.01	(0.32)	14.59	(0.33)	15.80	(0.32)	-2.85	(0.41)
	Azerbaijan	22.29	(0.50)	23.39	(0.45)	24.80	(0.45)	25.92	(0.42)	-3.55	(0.63)
	Brazil	15.76	(0.29)	15.67	(0.29)	17.06	(0.32)	18.62	(0.28)	-2.72	(0.40)
	Bulgaria	15.58	(0.50)	16.93	(0.42)	18.65	(0.42)	20.76	(0.41)	-5.17	(0.66)
	Chile	15.05	(0.29)	15.86	(0.25)	17.47	(0.38)	19.07	(0.31)	-3.96	(0.38)
	Colombia	19.76	(0.31)	20.45	(0.46)	19.78	(0.35)	22.22	(0.44)	-2.43	(0.57)
	Croatia	13.74	(0.26)	14.70	(0.22)	15.00	(0.23)	16.33	(0.21)	-2.58	(0.30)
	Estonia	18.07	(0.22)	18.55	(0.24)	18.71	(0.30)	19.52	(0.23)	-1.43	(0.32)
	Hong Kong-China	19.95	(0.32)	21.46	(0.30)	21.89	(0.28)	24.60	(0.40)	-4.69	(0.49)
	Indonesia	19.30	(0.43)	19.55	(0.32)	19.98	(0.32)	21.85	(0.33)	-2.54	(0.47)
	Israel	18.94	(0.35)	19.46	(0.40)	19.05	(0.44)	20.47	(0.37)	-1.50	(0.52)
	Jordan	21.70	(0.44)	22.83	(0.38)	23.72	(0.26)	25.15	(0.34)	-3.49	(0.56)
	Kyrgyzstan	19.28	(0.48)	18.19	(0.40)	19.20	(0.37)	20.30	(0.35)	-0.97	(0.57)
	Latvia	18.86	(0.37)	20.16	(0.29)	20.19	(0.24)	20.94	(0.27)	-2.06	(0.49)
	Liechtenstein	15.40	(0.56)	14.39	(0.57)	15.52	(0.59)	16.57	(0.56)	-1.22	(0.92)
	Lithuania	15.79	(0.30)	16.70	(0.29)	17.30	(0.25)	18.40	(0.28)	-2.62	(0.38)
	Macao-China	21.38	(0.26)	22.83	(0.29)	22.36	(0.27)	23.98	(0.31)	-2.62	(0.39)
	Montenegro	16.18	(0.34)	17.38	(0.28)	18.02	(0.40)	19.36	(0.32)	-3.24	(0.51)
	Qatar	18.10	(0.27)	19.38	(0.31)	20.95	(0.31)	21.11	(0.31)	-3.02	(0.42)
	Romania	16.34	(0.44)	17.94	(0.42)	18.98	(0.38)	21.05	(0.38)	-4.80	(0.58)
Russian Federation	17.87	(0.34)	18.81	(0.34)	19.43	(0.33)	20.43	(0.21)	-2.54	(0.39)	
Serbia	15.81	(0.26)	16.30	(0.25)	17.56	(0.28)	19.08	(0.34)	-3.33	(0.41)	
Slovenia	15.71	(0.25)	16.76	(0.24)	16.91	(0.26)	17.96	(0.24)	-2.22	(0.36)	
Chinese Taipei	15.81	(0.35)	18.30	(0.34)	20.72	(0.31)	23.42	(0.30)	-7.67	(0.42)	
Thailand	17.32	(0.33)	17.92	(0.24)	17.65	(0.32)	20.66	(0.36)	-3.38	(0.54)	
Tunisia	21.66	(0.35)	22.23	(0.34)	22.58	(0.29)	23.96	(0.44)	-2.26	(0.56)	
Uruguay	13.54	(0.29)	14.33	(0.30)	15.38	(0.26)	16.10	(0.26)	-2.52	(0.36)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 5/7]

		Allocation of total learning time in science, mathematics and the language of instruction for									
		Regular school lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.2	(0.5)	67.2	(0.4)	66.4	(0.4)	65.5	(0.4)	1.7	(0.6)
	Austria	59.2	(0.7)	61.0	(0.6)	63.4	(0.6)	63.9	(0.6)	-4.6	(0.8)
	Belgium	63.7	(0.5)	64.7	(0.6)	64.1	(0.5)	65.0	(0.4)	-1.1	(0.7)
	Canada	64.3	(0.6)	64.7	(0.5)	63.5	(0.5)	63.5	(0.4)	0.7	(0.7)
	Czech Republic	68.2	(0.8)	69.4	(0.7)	70.2	(0.6)	70.4	(0.6)	-2.2	(1.0)
	Denmark	61.7	(0.6)	63.0	(0.5)	61.9	(0.6)	62.6	(0.5)	-1.0	(0.8)
	Finland	70.5	(0.6)	70.5	(0.6)	69.7	(0.5)	71.3	(0.5)	-0.8	(0.8)
	France	62.4	(0.6)	63.6	(0.7)	63.4	(0.5)	64.3	(0.5)	-2.0	(0.8)
	Germany	56.9	(0.6)	59.4	(0.6)	59.9	(0.7)	61.8	(0.5)	-4.9	(0.8)
	Greece	50.1	(0.8)	47.9	(0.6)	46.6	(0.7)	47.6	(0.8)	2.5	(1.0)
	Hungary	50.0	(0.7)	53.0	(0.6)	52.0	(0.7)	54.4	(0.6)	-4.4	(0.9)
	Iceland	70.4	(0.5)	70.2	(0.6)	68.9	(0.6)	69.4	(0.5)	1.0	(0.7)
	Ireland	65.0	(0.8)	63.4	(0.6)	62.4	(0.6)	63.1	(0.6)	1.9	(1.0)
	Italy	55.7	(0.4)	55.1	(0.4)	55.1	(0.3)	53.8	(0.4)	1.8	(0.6)
	Japan	76.5	(0.6)	75.4	(0.7)	73.9	(0.7)	72.3	(0.7)	4.3	(0.8)
	Korea	67.6	(0.8)	65.0	(0.6)	59.3	(0.6)	53.4	(0.6)	14.2	(1.0)
	Luxembourg	60.0	(0.7)	61.5	(0.6)	64.6	(0.5)	66.7	(0.5)	-7.0	(0.9)
	Mexico	51.0	(0.9)	53.2	(0.6)	53.0	(0.5)	57.7	(0.6)	-6.6	(1.1)
	Netherlands	59.0	(0.9)	59.5	(0.6)	59.7	(0.7)	61.8	(0.6)	-2.9	(1.2)
	New Zealand	69.2	(0.8)	69.8	(0.6)	70.5	(0.6)	69.1	(0.6)	0.1	(0.9)
Norway	60.5	(0.7)	60.8	(0.7)	61.0	(0.7)	59.5	(0.7)	0.9	(1.0)	
Poland	58.6	(0.5)	59.9	(0.5)	60.4	(0.6)	60.6	(0.4)	-2.0	(0.7)	
Portugal	57.3	(0.9)	57.4	(0.7)	58.5	(0.5)	59.9	(0.6)	-2.6	(1.1)	
Slovak Republic	59.6	(0.7)	59.3	(0.7)	58.1	(0.7)	58.7	(0.7)	0.9	(1.0)	
Spain	58.8	(0.6)	58.6	(0.5)	58.8	(0.5)	59.8	(0.5)	-0.9	(0.8)	
Sweden	67.0	(0.7)	66.0	(0.7)	65.8	(0.5)	66.0	(0.6)	1.0	(0.8)	
Switzerland	61.4	(0.7)	64.2	(0.5)	65.0	(0.5)	66.6	(0.4)	-5.2	(0.8)	
Turkey	51.0	(0.6)	51.7	(0.6)	51.6	(0.6)	51.5	(0.6)	-0.6	(0.9)	
United Kingdom	69.5	(0.6)	68.5	(0.4)	67.1	(0.4)	66.4	(0.4)	3.1	(0.7)	
United States	52.7	(1.1)	55.5	(0.7)	56.2	(0.6)	58.1	(0.6)	-5.4	(1.3)	
	OECD average	61.5	(0.1)	62.0	(0.1)	61.7	(0.1)	62.2	(0.1)	-0.7	(0.2)
Partners	Argentina	53.8	(0.9)	52.5	(0.9)	53.4	(0.8)	58.3	(0.9)	-5.0	(1.3)
	Azerbaijan	44.3	(0.8)	44.3	(0.8)	44.9	(0.6)	44.2	(0.6)	-0.1	(0.9)
	Brazil	51.8	(0.9)	52.7	(0.8)	52.5	(0.8)	54.9	(0.7)	-3.2	(1.3)
	Bulgaria	50.0	(1.0)	49.3	(0.9)	49.8	(0.6)	50.9	(0.6)	-1.1	(1.2)
	Chile	50.3	(0.7)	53.4	(0.7)	54.8	(0.6)	59.8	(0.8)	-9.5	(1.0)
	Colombia	58.7	(1.3)	58.5	(1.0)	59.9	(0.7)	61.0	(0.7)	-1.9	(1.5)
	Croatia	59.1	(0.6)	60.0	(0.6)	60.0	(0.6)	60.6	(0.6)	-1.5	(0.7)
	Estonia	60.5	(0.9)	60.1	(0.7)	60.8	(0.6)	62.1	(0.6)	-1.6	(0.9)
	Hong Kong-China	66.0	(0.7)	64.4	(0.7)	64.3	(0.6)	61.8	(0.5)	4.3	(0.7)
	Indonesia	55.8	(0.7)	56.0	(0.7)	55.4	(1.2)	56.7	(1.0)	-0.9	(1.1)
	Israel	48.5	(0.9)	51.3	(0.8)	53.9	(0.9)	55.1	(0.7)	-6.6	(1.1)
	Jordan	41.3	(0.8)	43.0	(0.7)	44.3	(0.7)	46.0	(0.8)	-4.8	(1.1)
	Kyrgyzstan	37.0	(0.9)	37.9	(0.7)	40.3	(0.7)	44.8	(0.8)	-7.8	(1.1)
	Latvia	57.4	(0.6)	57.0	(0.6)	57.3	(0.6)	57.6	(0.5)	-0.2	(0.8)
	Liechtenstein	62.0	(2.3)	69.1	(1.8)	67.9	(2.0)	66.8	(1.7)	-4.4	(3.0)
	Lithuania	58.1	(0.8)	60.3	(0.6)	60.1	(0.6)	59.5	(0.6)	-1.4	(0.9)
	Macao-China	67.8	(0.7)	68.0	(0.5)	66.6	(0.7)	64.3	(0.7)	3.4	(0.9)
	Montenegro	49.7	(0.6)	49.8	(0.7)	50.8	(0.7)	52.9	(0.6)	-3.2	(1.0)
	Qatar	40.9	(0.5)	42.2	(0.5)	44.4	(0.5)	45.2	(0.5)	-4.4	(0.8)
	Romania	47.8	(1.3)	48.4	(0.8)	48.5	(0.7)	50.1	(0.6)	-2.2	(1.4)
Russian Federation	51.1	(0.9)	49.8	(0.6)	51.1	(0.5)	51.6	(0.5)	-0.6	(1.0)	
Serbia	57.9	(0.6)	57.8	(0.7)	57.3	(0.7)	57.9	(0.6)	-0.0	(0.9)	
Slovenia	53.8	(0.6)	55.3	(0.5)	58.1	(0.6)	60.6	(0.6)	-6.5	(0.9)	
Chinese Taipei	64.9	(0.5)	61.4	(0.7)	60.8	(0.5)	58.6	(0.5)	6.4	(0.7)	
Thailand	64.2	(0.8)	62.1	(0.6)	62.0	(0.6)	60.7	(0.5)	3.4	(1.0)	
Tunisia	40.1	(0.5)	41.0	(0.6)	41.7	(0.7)	42.6	(0.6)	-2.3	(0.9)	
Uruguay	58.6	(0.9)	58.5	(0.7)	59.0	(0.6)	60.7	(0.6)	-2.1	(1.1)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Allocation of total learning time in science, mathematics and the language of instruction for									
		Out-of-school-time lessons									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	9.9	(0.3)	8.7	(0.3)	8.4	(0.2)	7.7	(0.3)	2.2	(0.4)
	Austria	6.3	(0.4)	5.8	(0.4)	4.7	(0.3)	4.7	(0.3)	1.6	(0.5)
	Belgium	9.6	(0.3)	8.0	(0.4)	7.3	(0.3)	6.0	(0.3)	3.5	(0.5)
	Canada	11.9	(0.4)	11.0	(0.3)	10.9	(0.3)	10.1	(0.3)	1.9	(0.5)
	Czech Republic	11.0	(0.4)	9.8	(0.4)	10.3	(0.4)	9.7	(0.4)	1.5	(0.6)
	Denmark	17.1	(0.4)	15.5	(0.4)	15.9	(0.4)	15.3	(0.4)	1.8	(0.6)
	Finland	7.2	(0.4)	6.7	(0.4)	6.5	(0.3)	5.4	(0.3)	1.8	(0.5)
	France	14.1	(0.4)	12.7	(0.4)	11.7	(0.4)	9.4	(0.4)	4.8	(0.5)
	Germany	11.4	(0.5)	9.2	(0.4)	9.0	(0.5)	7.6	(0.3)	3.9	(0.6)
	Greece	22.9	(0.6)	26.3	(0.6)	27.3	(0.5)	26.4	(0.7)	-3.5	(1.0)
	Hungary	20.6	(0.5)	18.5	(0.5)	18.8	(0.4)	17.0	(0.5)	3.6	(0.7)
	Iceland	6.7	(0.4)	6.9	(0.4)	7.9	(0.4)	7.2	(0.3)	-0.6	(0.5)
	Ireland	9.2	(0.5)	9.2	(0.3)	8.8	(0.4)	7.6	(0.3)	1.7	(0.6)
	Italy	10.3	(0.3)	10.0	(0.3)	9.5	(0.3)	9.8	(0.3)	0.5	(0.5)
	Japan	7.8	(0.4)	6.7	(0.4)	7.3	(0.4)	7.9	(0.4)	-0.1	(0.5)
	Korea	14.6	(0.5)	16.6	(0.5)	20.0	(0.5)	22.3	(0.4)	-7.7	(0.7)
	Luxembourg	13.3	(0.5)	11.6	(0.4)	9.6	(0.4)	8.1	(0.3)	5.4	(0.6)
	Mexico	16.7	(0.8)	14.3	(0.4)	15.2	(0.4)	12.6	(0.5)	4.1	(1.0)
	Netherlands	14.0	(0.7)	13.6	(0.4)	11.9	(0.6)	9.6	(0.4)	4.4	(0.8)
	New Zealand	9.9	(0.6)	8.3	(0.4)	7.6	(0.4)	7.1	(0.4)	2.9	(0.6)
Norway	18.0	(0.4)	16.9	(0.5)	16.3	(0.5)	16.6	(0.5)	1.4	(0.6)	
Poland	10.6	(0.5)	10.2	(0.4)	9.7	(0.4)	9.7	(0.3)	0.9	(0.6)	
Portugal	11.2	(0.6)	10.8	(0.5)	9.8	(0.4)	9.2	(0.3)	2.1	(0.7)	
Slovak Republic	12.6	(0.6)	12.3	(0.5)	12.7	(0.5)	13.3	(0.4)	-0.8	(0.7)	
Spain	12.0	(0.4)	11.7	(0.4)	11.4	(0.4)	9.8	(0.5)	2.3	(0.7)	
Sweden	11.0	(0.4)	10.3	(0.5)	10.1	(0.4)	9.5	(0.4)	1.5	(0.5)	
Switzerland	10.9	(0.5)	8.9	(0.3)	8.6	(0.3)	7.3	(0.3)	3.6	(0.6)	
Turkey	21.3	(0.5)	20.3	(0.5)	21.5	(0.5)	23.5	(0.4)	-2.1	(0.6)	
United Kingdom	8.6	(0.4)	8.4	(0.3)	8.3	(0.2)	7.3	(0.3)	1.3	(0.4)	
United States	18.2	(0.8)	16.5	(0.5)	14.6	(0.5)	11.8	(0.5)	6.4	(0.9)	
OECD average	12.6	(0.1)	11.9	(0.1)	11.7	(0.1)	11.0	(0.1)	1.7	(0.1)	
Partners	Argentina	11.3	(0.8)	11.2	(0.7)	10.8	(0.6)	8.9	(0.6)	2.5	(1.0)
	Azerbaijan	20.4	(0.7)	19.6	(0.7)	18.9	(0.5)	20.0	(0.5)	0.2	(0.8)
	Brazil	16.8	(0.7)	17.8	(0.6)	17.2	(0.6)	16.8	(0.5)	0.1	(0.9)
	Bulgaria	18.8	(0.6)	17.8	(0.7)	15.5	(0.6)	15.2	(0.6)	3.8	(0.9)
	Chile	19.0	(0.6)	17.1	(0.5)	15.8	(0.4)	13.5	(0.5)	5.5	(0.8)
	Colombia	15.3	(0.6)	14.7	(0.6)	14.3	(0.5)	13.7	(0.4)	1.5	(0.7)
	Croatia	9.9	(0.5)	9.1	(0.4)	9.5	(0.4)	9.8	(0.4)	0.0	(0.6)
	Estonia	14.3	(0.6)	14.0	(0.5)	12.9	(0.5)	11.8	(0.5)	2.6	(0.6)
	Hong Kong-China	11.6	(0.5)	12.9	(0.4)	13.1	(0.4)	14.1	(0.4)	-2.4	(0.6)
	Indonesia	15.7	(0.6)	16.4	(0.5)	16.6	(0.7)	17.5	(0.7)	-1.7	(0.6)
	Israel	23.7	(0.5)	22.3	(0.4)	20.6	(0.4)	20.1	(0.4)	3.6	(0.7)
	Jordan	22.8	(0.6)	22.2	(0.6)	21.8	(0.6)	20.6	(0.7)	2.2	(0.9)
	Kyrgyzstan	25.8	(0.8)	26.9	(0.6)	26.0	(0.7)	22.0	(0.6)	3.7	(1.0)
	Latvia	13.2	(0.6)	12.9	(0.6)	12.4	(0.5)	12.4	(0.5)	0.8	(0.8)
	Liechtenstein	12.4	(1.5)	6.4	(1.2)	6.9	(1.3)	7.3	(1.2)	5.0	(2.0)
	Lithuania	12.6	(0.6)	11.3	(0.5)	10.5	(0.4)	10.0	(0.5)	2.6	(0.7)
	Macao-China	12.8	(0.5)	12.4	(0.4)	12.6	(0.4)	13.5	(0.5)	-0.7	(0.7)
	Montenegro	14.5	(0.5)	14.9	(0.6)	14.9	(0.6)	13.8	(0.6)	0.8	(0.8)
	Qatar	26.1	(0.5)	25.4	(0.4)	23.5	(0.5)	23.6	(0.4)	2.6	(0.6)
	Romania	21.1	(0.8)	20.5	(0.8)	20.6	(0.6)	19.7	(0.5)	1.3	(1.1)
	Russian Federation	16.5	(0.9)	16.4	(0.6)	15.2	(0.6)	14.5	(0.4)	2.1	(0.9)
	Serbia	14.5	(0.4)	14.0	(0.5)	14.2	(0.5)	12.7	(0.4)	1.7	(0.7)
	Slovenia	16.3	(0.5)	14.7	(0.5)	13.4	(0.4)	11.2	(0.4)	5.0	(0.6)
	Chinese Taipei	12.4	(0.4)	13.7	(0.4)	14.4	(0.4)	15.4	(0.3)	-3.1	(0.5)
Thailand	8.1	(0.5)	9.5	(0.4)	10.2	(0.4)	13.3	(0.5)	-5.2	(0.7)	
Tunisia	26.4	(0.4)	26.1	(0.4)	27.0	(0.5)	26.3	(0.5)	-0.0	(0.7)	
Uruguay	12.6	(0.5)	13.1	(0.5)	13.6	(0.5)	11.1	(0.4)	1.4	(0.7)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.7d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 7/7]

		Allocation of total learning time in science, mathematics and the language of instruction for									
		Individual study									
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	23.0	(0.3)	24.2	(0.3)	25.2	(0.3)	26.9	(0.3)	-3.9	(0.4)
	Austria	34.6	(0.6)	33.2	(0.5)	31.9	(0.5)	31.3	(0.5)	3.1	(0.8)
	Belgium	26.7	(0.4)	27.3	(0.4)	28.6	(0.4)	29.0	(0.4)	-2.3	(0.6)
	Canada	23.9	(0.4)	24.2	(0.4)	25.7	(0.4)	26.4	(0.3)	-2.5	(0.4)
	Czech Republic	20.8	(0.6)	20.8	(0.5)	19.5	(0.5)	19.9	(0.5)	0.8	(0.8)
	Denmark	21.2	(0.4)	21.6	(0.3)	22.2	(0.3)	22.0	(0.3)	-0.9	(0.5)
	Finland	22.4	(0.4)	22.8	(0.4)	23.8	(0.4)	23.3	(0.4)	-1.0	(0.5)
	France	23.4	(0.5)	23.7	(0.5)	24.9	(0.4)	26.2	(0.4)	-2.8	(0.6)
	Germany	31.7	(0.4)	31.4	(0.5)	31.0	(0.5)	30.6	(0.5)	1.0	(0.6)
	Greece	27.0	(0.5)	25.8	(0.5)	26.1	(0.5)	26.0	(0.4)	1.0	(0.6)
	Hungary	29.3	(0.5)	28.5	(0.4)	29.2	(0.5)	28.6	(0.4)	0.8	(0.6)
	Iceland	23.0	(0.4)	22.8	(0.4)	23.3	(0.3)	23.3	(0.4)	-0.4	(0.5)
	Ireland	25.8	(0.6)	27.4	(0.5)	28.8	(0.4)	29.4	(0.6)	-3.7	(0.8)
	Italy	34.0	(0.3)	34.9	(0.3)	35.3	(0.3)	36.3	(0.3)	-2.4	(0.4)
	Japan	15.7	(0.4)	17.8	(0.5)	18.8	(0.5)	19.9	(0.5)	-4.2	(0.6)
	Korea	17.8	(0.4)	18.3	(0.4)	20.7	(0.5)	24.3	(0.5)	-6.6	(0.6)
	Luxembourg	26.6	(0.5)	27.0	(0.4)	25.7	(0.4)	25.2	(0.4)	1.5	(0.6)
	Mexico	32.2	(0.5)	32.5	(0.4)	31.8	(0.4)	29.7	(0.4)	2.4	(0.7)
	Netherlands	27.0	(0.5)	27.0	(0.5)	28.4	(0.4)	28.7	(0.5)	-1.6	(0.7)
	New Zealand	20.9	(0.4)	21.9	(0.4)	22.0	(0.4)	23.8	(0.5)	-3.0	(0.6)
	Norway	21.5	(0.4)	22.4	(0.5)	22.6	(0.4)	23.9	(0.4)	-2.4	(0.6)
	Poland	30.8	(0.5)	29.8	(0.4)	29.9	(0.4)	29.7	(0.3)	1.2	(0.7)
	Portugal	31.5	(0.6)	31.8	(0.5)	31.7	(0.4)	31.0	(0.5)	0.5	(0.8)
	Slovak Republic	27.7	(0.7)	28.5	(0.4)	29.1	(0.6)	28.0	(0.6)	-0.2	(0.9)
	Spain	29.2	(0.5)	29.6	(0.4)	29.8	(0.4)	30.4	(0.4)	-1.3	(0.6)
	Sweden	22.0	(0.5)	23.6	(0.6)	24.2	(0.4)	24.5	(0.5)	-2.5	(0.6)
	Switzerland	27.7	(0.4)	26.9	(0.4)	26.5	(0.4)	26.1	(0.3)	1.5	(0.5)
	Turkey	27.7	(0.4)	28.1	(0.5)	26.9	(0.4)	25.0	(0.4)	2.7	(0.6)
United Kingdom	21.9	(0.3)	23.1	(0.4)	24.6	(0.4)	26.3	(0.4)	-4.4	(0.4)	
United States	29.1	(0.5)	28.1	(0.5)	29.1	(0.4)	30.2	(0.4)	-1.1	(0.7)	
	OECD average	25.9	(0.1)	26.2	(0.1)	26.6	(0.1)	26.9	(0.1)	-1.0	(0.1)
Partners	Argentina	34.9	(0.7)	36.4	(0.8)	35.7	(0.6)	32.8	(0.6)	2.6	(1.0)
	Azerbaijan	35.3	(0.7)	36.2	(0.5)	36.2	(0.5)	35.8	(0.5)	-0.1	(0.8)
	Brazil	31.5	(0.7)	29.4	(0.5)	30.3	(0.5)	28.3	(0.5)	3.1	(0.8)
	Bulgaria	31.1	(0.7)	32.9	(0.6)	34.6	(0.5)	34.0	(0.5)	-2.8	(0.9)
	Chile	30.7	(0.5)	29.5	(0.5)	29.5	(0.5)	26.7	(0.5)	4.0	(0.6)
	Colombia	26.0	(0.8)	26.6	(0.7)	25.9	(0.4)	25.4	(0.5)	0.4	(1.0)
	Croatia	31.0	(0.5)	30.8	(0.5)	30.5	(0.6)	29.6	(0.5)	1.4	(0.7)
	Estonia	25.2	(0.5)	25.9	(0.5)	26.3	(0.4)	26.1	(0.4)	-0.9	(0.6)
	Hong Kong-China	22.3	(0.6)	22.7	(0.5)	22.6	(0.5)	24.2	(0.4)	-1.9	(0.6)
	Indonesia	28.5	(0.5)	27.6	(0.5)	27.9	(0.5)	25.8	(0.6)	2.6	(0.8)
	Israel	27.8	(0.6)	26.3	(0.6)	25.5	(0.6)	24.8	(0.6)	3.1	(0.9)
	Jordan	36.0	(0.5)	34.8	(0.5)	33.9	(0.5)	33.4	(0.5)	2.6	(0.7)
	Kyrgyzstan	37.2	(0.5)	35.2	(0.6)	33.8	(0.6)	33.2	(0.5)	4.1	(0.7)
	Latvia	29.4	(0.6)	30.2	(0.6)	30.2	(0.4)	30.0	(0.5)	-0.5	(0.8)
	Liechtenstein	25.6	(1.4)	24.6	(1.3)	25.0	(1.7)	26.1	(1.5)	-0.3	(1.9)
	Lithuania	29.3	(0.5)	28.4	(0.4)	29.3	(0.5)	30.5	(0.4)	-1.3	(0.6)
	Macao-China	19.4	(0.5)	19.6	(0.4)	20.7	(0.5)	22.1	(0.4)	-2.7	(0.6)
	Montenegro	35.7	(0.5)	35.3	(0.6)	34.4	(0.6)	33.3	(0.5)	2.4	(0.8)
	Qatar	33.1	(0.4)	32.5	(0.3)	32.1	(0.3)	31.2	(0.4)	1.9	(0.6)
	Romania	31.2	(0.7)	31.1	(0.5)	31.0	(0.6)	30.2	(0.4)	0.9	(0.7)
	Russian Federation	32.4	(0.8)	33.7	(0.5)	33.8	(0.4)	33.9	(0.4)	-1.5	(0.6)
	Serbia	27.6	(0.4)	28.2	(0.5)	28.5	(0.5)	29.3	(0.5)	-1.7	(0.6)
	Slovenia	29.9	(0.5)	29.9	(0.5)	28.4	(0.5)	28.3	(0.5)	1.6	(0.8)
Chinese Taipei	22.7	(0.3)	24.9	(0.4)	24.8	(0.4)	25.9	(0.3)	-3.3	(0.5)	
Thailand	27.7	(0.5)	28.3	(0.4)	27.9	(0.4)	26.0	(0.4)	1.8	(0.6)	
Tunisia	33.4	(0.5)	32.9	(0.5)	31.3	(0.5)	31.1	(0.5)	2.3	(0.7)	
Uruguay	28.7	(0.7)	28.4	(0.7)	27.5	(0.4)	28.1	(0.4)	0.7	(0.8)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/3]
Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	3.18	(0.04)	3.51	(0.06)	-0.33	(0.07)	0.31	(0.01)	0.53	(0.03)	-0.22	(0.03)
	Austria	2.51	(0.07)	2.15	(0.10)	0.36	(0.11)	0.19	(0.01)	0.35	(0.05)	-0.15	(0.05)
	Belgium	2.66	(0.04)	2.38	(0.10)	0.29	(0.09)	0.29	(0.01)	0.51	(0.05)	-0.22	(0.05)
	Canada	4.01	(0.04)	4.04	(0.09)	-0.02	(0.09)	0.49	(0.01)	0.76	(0.04)	-0.26	(0.04)
	Czech Republic	2.95	(0.07)	2.69	(0.22)	0.26	(0.23)	0.53	(0.02)	0.79	(0.15)	-0.25	(0.15)
	Denmark	3.23	(0.04)	2.96	(0.13)	0.27	(0.12)	0.75	(0.02)	1.05	(0.07)	-0.30	(0.07)
	Finland	3.14	(0.04)	2.83	(0.26)	0.31	(0.27)	0.32	(0.01)	0.52	(0.10)	-0.20	(0.10)
	France	2.91	(0.05)	2.55	(0.12)	0.36	(0.13)	0.53	(0.02)	0.74	(0.06)	-0.21	(0.06)
	Germany	3.16	(0.05)	2.53	(0.10)	0.62	(0.10)	0.49	(0.02)	0.60	(0.06)	-0.11	(0.06)
	Greece	3.24	(0.05)	2.61	(0.14)	0.63	(0.14)	2.04	(0.04)	1.40	(0.12)	0.63	(0.12)
	Hungary	2.51	(0.04)	2.35	(0.26)	0.16	(0.26)	1.00	(0.03)	0.92	(0.18)	0.08	(0.18)
	Iceland	2.97	(0.02)	2.86	(0.20)	0.11	(0.20)	0.28	(0.01)	0.57	(0.14)	-0.29	(0.14)
	Ireland	2.53	(0.04)	2.65	(0.14)	-0.12	(0.14)	0.31	(0.01)	0.47	(0.07)	-0.16	(0.07)
	Italy	2.94	(0.06)	2.73	(0.12)	0.20	(0.12)	0.57	(0.01)	0.72	(0.06)	-0.15	(0.07)
	Japan	2.70	(0.05)	c	c	c	c	0.26	(0.01)	c	c	c	c
	Korea	3.60	(0.06)	c	c	c	c	1.03	(0.04)	c	c	c	c
	Luxembourg	2.38	(0.03)	2.24	(0.05)	0.14	(0.06)	0.46	(0.02)	0.58	(0.03)	-0.12	(0.03)
	Mexico	3.18	(0.04)	2.95	(0.25)	0.23	(0.26)	0.98	(0.03)	1.63	(0.31)	-0.65	(0.31)
	Netherlands	2.22	(0.04)	1.83	(0.12)	0.39	(0.12)	0.51	(0.02)	0.76	(0.05)	-0.25	(0.05)
	New Zealand	4.05	(0.05)	4.09	(0.07)	-0.03	(0.09)	0.32	(0.02)	0.70	(0.04)	-0.38	(0.04)
	Norway	2.64	(0.03)	2.70	(0.10)	-0.06	(0.10)	0.91	(0.02)	1.30	(0.09)	-0.39	(0.09)
	Poland	2.72	(0.04)	c	c	c	c	0.62	(0.02)	c	c	c	c
	Portugal	3.25	(0.05)	2.71	(0.19)	0.54	(0.19)	0.63	(0.02)	0.67	(0.09)	-0.04	(0.10)
	Slovak Republic	2.46	(0.07)	c	c	c	c	0.65	(0.03)	c	c	c	c
	Spain	3.14	(0.04)	2.89	(0.14)	0.26	(0.14)	0.68	(0.03)	0.64	(0.05)	0.03	(0.06)
	Sweden	2.82	(0.03)	2.72	(0.09)	0.10	(0.09)	0.47	(0.01)	0.74	(0.06)	-0.27	(0.06)
Switzerland	2.46	(0.05)	2.08	(0.05)	0.38	(0.06)	0.36	(0.01)	0.50	(0.03)	-0.14	(0.04)	
Turkey	2.88	(0.09)	3.13	(0.33)	-0.25	(0.31)	1.36	(0.05)	1.11	(0.34)	0.24	(0.33)	
United Kingdom	4.26	(0.04)	4.33	(0.12)	-0.07	(0.12)	0.43	(0.01)	0.99	(0.07)	-0.56	(0.07)	
United States	3.58	(0.05)	3.25	(0.08)	0.33	(0.08)	0.75	(0.02)	0.90	(0.05)	-0.15	(0.05)	
OECD average	3.01	(0.01)	2.84	(0.03)	0.19	(0.03)	0.62	(0.00)	0.79	(0.02)	-0.17	(0.02)	
Partners	Argentina	2.27	(0.06)	2.05	(0.19)	0.23	(0.18)	0.49	(0.02)	0.40	(0.10)	0.09	(0.10)
	Azerbaijan	2.86	(0.06)	2.83	(0.21)	0.03	(0.21)	1.36	(0.03)	1.39	(0.13)	-0.03	(0.13)
	Brazil	2.23	(0.03)	1.61	(0.12)	0.62	(0.12)	0.78	(0.02)	0.81	(0.12)	-0.03	(0.11)
	Bulgaria	2.65	(0.08)	c	c	c	c	0.98	(0.03)	c	c	c	c
	Chile	2.34	(0.05)	c	c	c	c	0.82	(0.02)	c	c	c	c
	Colombia	3.53	(0.11)	c	c	c	c	0.95	(0.04)	c	c	c	c
	Croatia	2.03	(0.05)	1.90	(0.07)	0.13	(0.07)	0.43	(0.02)	0.44	(0.04)	-0.02	(0.04)
	Estonia	3.29	(0.04)	3.24	(0.11)	0.06	(0.11)	0.73	(0.02)	0.94	(0.07)	-0.20	(0.07)
	Hong Kong-China	3.14	(0.08)	3.16	(0.08)	-0.02	(0.11)	0.99	(0.04)	0.74	(0.04)	0.24	(0.05)
	Indonesia	3.24	(0.07)	1.85	(0.39)	1.39	(0.40)	1.04	(0.04)	1.06	(0.16)	-0.02	(0.16)
	Israel	2.41	(0.06)	2.57	(0.10)	-0.17	(0.10)	0.94	(0.03)	1.00	(0.05)	-0.06	(0.05)
	Jordan	3.25	(0.06)	3.43	(0.09)	-0.18	(0.10)	1.51	(0.04)	1.51	(0.07)	0.00	(0.08)
	Kyrgyzstan	2.09	(0.07)	2.36	(0.20)	-0.26	(0.20)	1.36	(0.03)	0.97	(0.13)	0.38	(0.13)
	Latvia	2.86	(0.06)	3.02	(0.14)	-0.16	(0.13)	0.63	(0.02)	0.90	(0.07)	-0.27	(0.07)
	Liechtenstein	2.58	(0.10)	2.60	(0.14)	-0.02	(0.18)	0.42	(0.06)	0.69	(0.12)	-0.27	(0.13)
	Lithuania	2.70	(0.04)	2.75	(0.22)	-0.05	(0.21)	0.56	(0.02)	0.50	(0.08)	0.06	(0.08)
	Macao-China	3.47	(0.07)	3.86	(0.04)	-0.40	(0.09)	0.99	(0.05)	0.99	(0.03)	-0.01	(0.05)
	Montenegro	2.85	(0.04)	2.63	(0.16)	0.23	(0.16)	1.06	(0.02)	0.87	(0.09)	0.19	(0.10)
	Qatar	2.33	(0.04)	3.20	(0.05)	-0.87	(0.07)	1.46	(0.03)	1.47	(0.04)	-0.00	(0.04)
	Romania	2.26	(0.07)	c	c	c	c	1.03	(0.02)	c	c	c	c
	Russian Federation	3.75	(0.09)	3.56	(0.16)	0.19	(0.16)	1.12	(0.03)	1.14	(0.08)	-0.02	(0.08)
	Serbia	2.87	(0.06)	2.76	(0.12)	0.11	(0.13)	0.78	(0.02)	0.76	(0.06)	0.02	(0.06)
	Slovenia	2.86	(0.03)	2.45	(0.11)	0.41	(0.12)	0.72	(0.02)	0.68	(0.05)	0.04	(0.05)
	Chinese Taipei	2.91	(0.05)	2.15	(0.32)	0.76	(0.31)	0.78	(0.02)	0.80	(0.23)	-0.02	(0.23)
	Thailand	3.83	(0.04)	c	c	c	c	0.91	(0.03)	c	c	c	c
	Tunisia	2.63	(0.05)	2.20	(0.33)	0.43	(0.34)	1.92	(0.03)	2.36	(0.40)	-0.44	(0.40)
Uruguay	2.42	(0.05)	c	c	c	c	0.60	(0.02)	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 2/3]
Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status

	Mean learning hours per week												
	Individual study						Total learning hours						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.08	(0.02)	1.53	(0.05)	-0.45	(0.04)	4.56	(0.05)	5.56	(0.11)	-0.99	(0.11)
	Austria	1.24	(0.04)	1.49	(0.07)	-0.25	(0.07)	3.95	(0.10)	4.02	(0.15)	-0.07	(0.17)
	Belgium	1.25	(0.02)	1.26	(0.06)	-0.00	(0.06)	4.22	(0.06)	4.10	(0.16)	0.12	(0.15)
	Canada	1.42	(0.02)	2.05	(0.06)	-0.63	(0.06)	5.95	(0.06)	6.83	(0.13)	-0.88	(0.14)
	Czech Republic	1.00	(0.03)	1.19	(0.18)	-0.19	(0.18)	4.47	(0.10)	4.67	(0.41)	-0.20	(0.42)
	Denmark	1.06	(0.02)	1.46	(0.08)	-0.41	(0.08)	5.03	(0.07)	5.40	(0.18)	-0.37	(0.17)
	Finland	1.07	(0.02)	1.12	(0.11)	-0.05	(0.11)	4.53	(0.06)	4.49	(0.34)	0.04	(0.34)
	France	1.30	(0.03)	1.38	(0.08)	-0.08	(0.08)	4.75	(0.09)	4.69	(0.19)	0.06	(0.21)
	Germany	1.70	(0.03)	1.70	(0.07)	-0.00	(0.07)	5.36	(0.07)	4.77	(0.15)	0.59	(0.16)
	Greece	1.87	(0.04)	1.54	(0.11)	0.33	(0.11)	7.15	(0.10)	5.53	(0.29)	1.61	(0.27)
	Hungary	1.59	(0.03)	1.66	(0.18)	-0.07	(0.17)	5.11	(0.09)	4.97	(0.54)	0.14	(0.53)
	Iceland	1.16	(0.02)	1.37	(0.18)	-0.21	(0.18)	4.42	(0.04)	4.84	(0.37)	-0.42	(0.36)
	Ireland	1.19	(0.03)	1.40	(0.11)	-0.21	(0.11)	4.02	(0.07)	4.50	(0.25)	-0.47	(0.25)
	Italy	2.11	(0.04)	1.99	(0.11)	0.12	(0.11)	5.60	(0.10)	5.43	(0.20)	0.17	(0.20)
	Japan	0.69	(0.02)	c	c	c	c	3.65	(0.07)	c	c	c	c
	Korea	1.22	(0.06)	c	c	c	c	5.86	(0.14)	c	c	c	c
	Luxembourg	1.25	(0.02)	1.24	(0.04)	0.01	(0.04)	4.10	(0.06)	4.05	(0.08)	0.05	(0.10)
	Mexico	2.13	(0.03)	2.21	(0.13)	-0.08	(0.12)	6.25	(0.07)	6.67	(0.47)	-0.42	(0.48)
	Netherlands	1.19	(0.03)	1.32	(0.07)	-0.12	(0.07)	3.90	(0.06)	3.90	(0.17)	0.01	(0.17)
	New Zealand	1.14	(0.03)	1.80	(0.05)	-0.66	(0.06)	5.52	(0.07)	6.58	(0.10)	-1.06	(0.12)
	Norway	1.20	(0.02)	1.60	(0.09)	-0.40	(0.09)	4.75	(0.05)	5.63	(0.20)	-0.88	(0.20)
	Poland	2.02	(0.03)	c	c	c	c	5.37	(0.07)	c	c	c	c
	Portugal	2.08	(0.04)	2.15	(0.15)	-0.07	(0.15)	5.97	(0.08)	5.43	(0.36)	0.53	(0.37)
	Slovak Republic	1.39	(0.04)	c	c	c	c	4.52	(0.12)	c	c	c	c
	Spain	1.73	(0.03)	1.76	(0.09)	-0.03	(0.09)	5.58	(0.08)	5.29	(0.17)	0.29	(0.19)
	Sweden	1.12	(0.02)	1.42	(0.06)	-0.30	(0.06)	4.41	(0.04)	4.89	(0.13)	-0.48	(0.13)
Switzerland	1.09	(0.02)	1.22	(0.04)	-0.13	(0.04)	3.90	(0.06)	3.80	(0.10)	0.10	(0.11)	
Turkey	1.66	(0.05)	1.36	(0.25)	0.30	(0.24)	5.85	(0.18)	5.52	(0.89)	0.33	(0.85)	
United Kingdom	1.40	(0.02)	1.95	(0.07)	-0.55	(0.07)	6.09	(0.05)	7.23	(0.18)	-1.13	(0.18)	
United States	1.66	(0.03)	1.81	(0.06)	-0.15	(0.06)	6.02	(0.07)	5.98	(0.14)	0.04	(0.15)	
OECD average	1.40	(0.01)	1.58	(0.02)	-0.16	(0.02)	5.03	(0.02)	5.18	(0.06)	-0.13	(0.06)	
Partners	Argentina	1.59	(0.04)	1.54	(0.14)	0.05	(0.13)	4.33	(0.09)	4.02	(0.25)	0.31	(0.26)
	Azerbaijan	2.65	(0.05)	2.63	(0.27)	0.03	(0.28)	6.87	(0.11)	6.76	(0.41)	0.11	(0.41)
	Brazil	1.70	(0.02)	1.59	(0.15)	0.11	(0.15)	4.71	(0.06)	4.01	(0.31)	0.70	(0.31)
	Bulgaria	2.01	(0.06)	c	c	c	c	5.65	(0.13)	c	c	c	c
	Chile	1.52	(0.03)	c	c	c	c	4.70	(0.07)	c	c	c	c
	Colombia	1.83	(0.04)	c	c	c	c	6.31	(0.17)	c	c	c	c
	Croatia	1.47	(0.04)	1.43	(0.07)	0.04	(0.07)	3.94	(0.09)	3.81	(0.14)	0.14	(0.13)
	Estonia	1.52	(0.03)	1.74	(0.08)	-0.22	(0.09)	5.54	(0.06)	5.92	(0.18)	-0.38	(0.18)
	Hong Kong-China	1.45	(0.05)	1.44	(0.05)	0.01	(0.08)	5.56	(0.15)	5.34	(0.13)	0.22	(0.22)
	Indonesia	1.78	(0.03)	2.18	(0.24)	-0.40	(0.24)	6.04	(0.11)	5.18	(0.50)	0.86	(0.51)
	Israel	1.34	(0.04)	1.30	(0.07)	0.04	(0.07)	4.67	(0.10)	4.88	(0.18)	-0.20	(0.19)
	Jordan	2.62	(0.05)	2.82	(0.10)	-0.21	(0.10)	7.38	(0.10)	7.67	(0.18)	-0.28	(0.20)
	Kyrgyzstan	2.15	(0.04)	1.89	(0.16)	0.25	(0.17)	5.63	(0.09)	5.27	(0.33)	0.36	(0.33)
	Latvia	1.79	(0.03)	2.01	(0.10)	-0.23	(0.10)	5.26	(0.09)	5.94	(0.24)	-0.68	(0.24)
	Liechtenstein	1.23	(0.08)	1.14	(0.11)	0.09	(0.15)	4.26	(0.14)	4.38	(0.22)	-0.12	(0.30)
	Lithuania	1.69	(0.03)	1.58	(0.15)	0.11	(0.14)	4.94	(0.06)	4.85	(0.32)	0.09	(0.32)
	Macao-China	1.38	(0.05)	1.37	(0.03)	0.01	(0.06)	5.84	(0.13)	6.22	(0.07)	-0.38	(0.16)
	Montenegro	2.19	(0.03)	2.32	(0.13)	-0.13	(0.13)	6.09	(0.07)	5.82	(0.28)	0.27	(0.29)
	Qatar	1.86	(0.03)	2.28	(0.04)	-0.42	(0.05)	5.67	(0.08)	6.99	(0.09)	-1.32	(0.11)
	Romania	1.61	(0.05)	c	c	c	c	4.87	(0.11)	c	c	c	c
	Russian Federation	2.88	(0.06)	2.79	(0.12)	0.09	(0.13)	7.75	(0.14)	7.51	(0.29)	0.25	(0.30)
	Serbia	1.71	(0.04)	1.66	(0.10)	0.06	(0.10)	5.37	(0.10)	5.17	(0.22)	0.21	(0.22)
	Slovenia	1.56	(0.02)	1.32	(0.06)	0.24	(0.07)	5.15	(0.05)	4.47	(0.17)	0.68	(0.18)
	Chinese Taipei	1.25	(0.03)	0.88	(0.18)	0.37	(0.18)	4.97	(0.09)	3.86	(0.56)	1.10	(0.55)
	Thailand	1.82	(0.03)	c	c	c	c	6.55	(0.07)	c	c	c	c
	Tunisia	2.61	(0.04)	3.13	(0.44)	-0.53	(0.45)	7.14	(0.10)	7.73	(0.80)	-0.59	(0.80)
Uruguay	1.33	(0.03)	c	c	c	c	4.37	(0.08)	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8a Mean learning hours and allocation of total learning time in science, by immigrant status

	Allocation of total learning time in science for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	72.5	(0.3)	66.3	(0.6)	6.2	(0.6)	5.6	(0.2)	8.1	(0.3)	-2.5	(0.3)	21.9	(0.2)	25.6	(0.5)	-3.7	(0.5)
	Austria	65.2	(0.6)	57.1	(1.3)	8.1	(1.3)	3.8	(0.2)	7.0	(0.9)	-3.2	(0.9)	31.0	(0.6)	35.9	(1.3)	-4.9	(1.3)
	Belgium	64.2	(0.4)	59.2	(1.2)	4.9	(1.2)	6.0	(0.2)	10.5	(0.8)	-4.5	(0.9)	29.9	(0.3)	30.3	(0.9)	-0.4	(0.9)
	Canada	68.3	(0.3)	59.8	(0.8)	8.5	(0.8)	7.9	(0.2)	10.2	(0.5)	-2.3	(0.5)	23.8	(0.2)	30.0	(0.7)	-6.2	(0.7)
	Czech Republic	68.9	(0.6)	63.2	(3.4)	5.7	(3.5)	9.8	(0.3)	13.2	(2.2)	-3.4	(2.2)	21.3	(0.4)	23.6	(3.4)	-2.3	(3.5)
	Denmark	67.4	(0.5)	56.9	(1.8)	10.5	(1.8)	12.7	(0.3)	17.1	(1.0)	-4.4	(1.0)	19.8	(0.3)	26.0	(1.3)	-6.2	(1.3)
	Finland	71.1	(0.4)	65.2	(3.3)	5.9	(3.2)	5.8	(0.2)	9.4	(2.0)	-3.6	(1.9)	23.1	(0.3)	25.3	(2.7)	-2.3	(2.7)
	France	63.6	(0.5)	58.7	(1.1)	4.9	(1.1)	10.4	(0.3)	13.5	(0.9)	-3.1	(0.9)	26.1	(0.4)	27.8	(0.8)	-1.7	(0.8)
	Germany	58.9	(0.5)	53.3	(1.2)	5.6	(1.2)	8.0	(0.3)	11.4	(1.0)	-3.5	(1.0)	33.2	(0.4)	35.3	(0.9)	-2.1	(0.9)
	Greece	48.4	(0.6)	50.3	(2.1)	-1.9	(2.1)	26.3	(0.5)	23.6	(1.8)	2.7	(1.9)	25.3	(0.4)	26.1	(1.7)	-0.8	(1.7)
	Hungary	51.6	(0.5)	50.6	(2.8)	1.1	(2.7)	17.9	(0.5)	13.9	(2.1)	3.9	(2.1)	30.5	(0.4)	35.5	(2.7)	-5.0	(2.7)
	Iceland	70.3	(0.3)	60.2	(3.2)	10.1	(3.1)	4.9	(0.2)	12.2	(2.6)	-7.3	(2.6)	24.8	(0.3)	27.6	(2.5)	-2.8	(2.5)
	Ireland	66.5	(0.4)	61.7	(1.6)	4.8	(1.5)	6.0	(0.3)	7.6	(0.9)	-1.6	(1.0)	27.4	(0.3)	30.6	(1.3)	-3.2	(1.3)
	Italy	54.2	(0.3)	53.1	(1.4)	1.1	(1.3)	8.9	(0.2)	12.3	(1.5)	-3.4	(1.5)	36.9	(0.2)	34.6	(1.2)	2.3	(1.2)
	Japan	78.4	(0.4)	c	c	c	c	5.2	(0.2)	c	c	c	c	16.5	(0.4)	c	c	c	c
	Korea	67.5	(0.6)	c	c	c	c	13.8	(0.4)	c	c	c	c	18.7	(0.4)	c	c	c	c
	Luxembourg	61.5	(0.5)	57.1	(0.8)	4.4	(1.1)	8.6	(0.3)	12.4	(0.6)	-3.8	(0.6)	29.9	(0.5)	30.5	(0.6)	-0.6	(0.8)
	Mexico	48.9	(0.4)	41.2	(2.4)	7.8	(2.4)	14.6	(0.3)	21.8	(3.1)	-7.3	(3.0)	36.5	(0.4)	37.0	(2.4)	-0.5	(2.4)
	Netherlands	57.7	(0.6)	47.0	(1.5)	10.7	(1.6)	11.9	(0.4)	18.2	(1.1)	-6.3	(1.3)	30.4	(0.4)	34.8	(1.5)	-4.4	(1.6)
	New Zealand	75.4	(0.4)	64.9	(0.8)	10.5	(0.9)	5.1	(0.2)	9.7	(0.6)	-4.6	(0.7)	19.5	(0.3)	25.4	(0.5)	-5.9	(0.6)
	Norway	60.1	(0.5)	52.7	(1.5)	7.5	(1.5)	16.6	(0.3)	20.3	(1.0)	-3.8	(1.0)	23.3	(0.3)	27.0	(1.0)	-3.7	(1.1)
	Poland	53.2	(0.4)	c	c	c	c	10.2	(0.3)	c	c	c	c	36.5	(0.4)	c	c	c	c
	Portugal	54.9	(0.5)	50.5	(2.2)	4.4	(2.3)	9.3	(0.3)	9.5	(1.0)	-0.3	(1.0)	35.8	(0.4)	40.0	(2.0)	-4.2	(2.1)
	Slovak Republic	58.8	(0.6)	c	c	c	c	11.7	(0.4)	c	c	c	c	29.5	(0.4)	c	c	c	c
	Spain	59.3	(0.4)	56.5	(1.6)	2.8	(1.6)	10.6	(0.3)	10.7	(0.8)	-0.0	(0.9)	30.1	(0.3)	32.8	(1.4)	-2.7	(1.3)
	Sweden	67.6	(0.6)	59.4	(1.1)	8.2	(1.2)	8.7	(0.2)	12.4	(0.7)	-3.7	(0.8)	23.6	(0.5)	28.1	(0.8)	-4.5	(0.9)
	Switzerland	63.5	(0.4)	57.4	(0.8)	6.1	(0.8)	7.6	(0.2)	10.6	(0.5)	-3.1	(0.6)	28.9	(0.3)	31.9	(0.8)	-3.0	(0.8)
	Turkey	51.1	(0.6)	56.9	(4.6)	-5.7	(4.5)	21.0	(0.4)	16.7	(3.6)	4.3	(3.6)	27.9	(0.5)	26.4	(2.9)	1.5	(3.0)
	United Kingdom	71.8	(0.3)	61.4	(1.0)	10.4	(1.0)	6.1	(0.2)	12.5	(0.9)	-6.4	(0.9)	22.1	(0.3)	26.1	(0.7)	-4.0	(0.7)
	United States	59.4	(0.5)	54.9	(0.9)	4.5	(1.0)	12.0	(0.4)	14.4	(0.7)	-2.5	(0.8)	28.6	(0.3)	30.7	(0.6)	-2.1	(0.6)
	OECD average	62.7	(0.1)	56.8	(0.4)	5.6	(0.4)	10.2	(0.1)	13.1	(0.3)	-2.8	(0.3)	27.1	(0.1)	30.2	(0.3)	-2.8	(0.3)
PARTNERS	Argentina	53.2	(0.8)	51.8	(3.3)	1.4	(3.3)	9.6	(0.4)	11.0	(3.2)	-1.4	(3.1)	37.3	(0.7)	37.2	(2.3)	0.0	(2.4)
	Azerbaijan	43.1	(0.6)	43.9	(3.9)	-0.8	(3.9)	19.3	(0.4)	20.3	(2.2)	-1.0	(2.1)	37.6	(0.4)	35.8	(3.1)	1.8	(3.2)
	Brazil	50.5	(0.4)	46.5	(3.0)	4.0	(2.9)	13.9	(0.3)	19.0	(2.3)	-5.0	(2.3)	35.5	(0.4)	34.5	(2.9)	1.0	(2.9)
	Bulgaria	49.1	(0.7)	c	c	c	c	16.1	(0.6)	c	c	c	c	34.8	(0.4)	c	c	c	c
	Chile	49.2	(0.6)	c	c	c	c	16.2	(0.4)	c	c	c	c	34.6	(0.4)	c	c	c	c
	Colombia	59.1	(0.6)	c	c	c	c	13.0	(0.3)	c	c	c	c	28.0	(0.4)	c	c	c	c
	Croatia	54.8	(0.5)	52.6	(1.4)	2.3	(1.4)	9.6	(0.4)	11.1	(0.9)	-1.5	(0.9)	35.6	(0.5)	36.3	(1.2)	-0.8	(1.2)
	Estonia	62.2	(0.5)	57.3	(1.2)	5.0	(1.2)	12.1	(0.3)	15.1	(1.1)	-3.0	(1.1)	25.7	(0.3)	27.6	(0.9)	-2.0	(1.0)
	Hong Kong-China	59.5	(0.6)	62.8	(0.9)	-3.4	(1.1)	15.7	(0.4)	11.7	(0.6)	4.0	(0.6)	24.8	(0.5)	25.4	(0.6)	-0.6	(0.7)
	Indonesia	54.8	(0.9)	38.5	(7.8)	16.3	(7.8)	15.4	(0.6)	18.8	(2.5)	-3.4	(2.6)	29.8	(0.4)	42.7	(6.4)	-12.9	(6.4)
	Israel	54.9	(0.8)	55.6	(1.2)	-0.7	(1.4)	17.9	(0.5)	18.0	(0.7)	-0.1	(0.9)	27.2	(0.6)	26.4	(1.0)	0.8	(1.0)
	Jordan	43.4	(0.6)	42.5	(1.0)	0.8	(1.2)	20.1	(0.4)	19.7	(0.9)	0.4	(1.0)	36.5	(0.4)	37.8	(0.8)	-1.2	(0.9)
	Kyrgyzstan	35.5	(0.6)	45.6	(3.7)	-10.1	(3.7)	25.7	(0.6)	19.2	(2.6)	6.5	(2.6)	38.8	(0.4)	35.2	(2.9)	3.6	(3.0)
	Latvia	56.3	(0.5)	53.1	(1.2)	3.2	(1.2)	10.2	(0.3)	13.3	(0.9)	-3.1	(0.9)	33.4	(0.4)	33.5	(1.2)	-0.1	(1.2)
	Liechtenstein	62.5	(1.6)	60.9	(2.8)	1.6	(3.2)	8.7	(1.0)	12.6	(2.0)	-3.9	(2.2)	28.8	(1.5)	26.5	(2.0)	2.3	(2.3)
	Lithuania	57.2	(0.5)	58.2	(2.7)	-1.0	(2.6)	9.9	(0.3)	9.7	(1.5)	0.2	(1.6)	32.8	(0.3)	32.1	(2.2)	0.7	(2.2)
	Macao-China	63.3	(0.8)	65.4	(0.5)	-2.1	(0.9)	15.1	(0.6)	14.1	(0.4)	1.0	(0.7)	21.5	(0.6)	20.4	(0.4)	1.1	(0.6)
	Montenegro	47.1	(0.4)	45.4	(2.0)	1.7	(2.0)	16.1	(0.3)	13.2	(1.4)	2.9	(1.4)	36.8	(0.5)	41.4	(1.7)	-4.6	(1.7)
	Qatar	38.7	(0.5)	44.6	(0.5)	-5.9	(0.7)	26.6	(0.4)	21.5	(0.5)	5.1	(0.7)	34.7	(0.4)	33.8	(0.5)	0.9	(0.6)
	Romania	48.1	(0.6)	c	c	c	c	19.5	(0.5)	c	c	c	c	32.4	(0.5)	c	c	c	c
	Russian Federation	48.6	(0.5)	48.9	(1.1)	-0.3	(1.2)	14.9	(0.5)	14.9	(1.0)	0.1	(1.0)	36.4	(0.5)	36.2	(1.0)	0.2	(1.0)
	Serbia	56.9	(0.6)	57.2	(1.3)	-0.3	(1.5)	13.3	(0.4)	13.4	(1.0)	-0.1	(1.0)	29.8	(0.5)	29.4	(1.2)	0.4	(1.3)
	Slovenia	55.7	(0.4)	56.1	(1.3)	-0.4	(1.4)	13.0	(0.3)	14.0	(0.9)	-0.9	(1.0)	31.3	(0.4)	30.0	(1.0)	1.3	(1.1)
	Chinese Taipei	63.7	(0.3)	61.4	(5.1)	2.3	(5.1)	12.2	(0.2)	18.3	(3.5)	-6.1	(3.5)	24.1	(0.3)	20.3	(3.3)	3.8	(3.3)
	Thailand	63.9	(0.4)	c	c	c	c	9.9	(0.3)	c	c	c	c	26.2	(0.3)	c	c	c	c
	Tunisia	37.5	(0.4)	28.9	(4.3)	8.6	(4.2)	25.8	(0.4)	27.6	(3.4)	-1.8	(3.4)	36.8	(0.4)	43.5	(4.1)	-6.8	(4.1)
	Uruguay	56.4	(0.5)	c	c	c	c	11.7	(0.3)	c	c	c	c	31.9	(0.4)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 1/3]
Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	4.04	(0.03)	4.31	(0.05)	-0.27	(0.05)	0.63	(0.01)	1.13	(0.05)	-0.50	(0.05)
	Austria	3.21	(0.05)	3.31	(0.10)	-0.10	(0.10)	0.47	(0.02)	0.77	(0.07)	-0.30	(0.08)
	Belgium	3.61	(0.04)	3.38	(0.10)	0.23	(0.11)	0.52	(0.01)	0.79	(0.06)	-0.27	(0.06)
	Canada	4.52	(0.04)	4.50	(0.07)	0.02	(0.07)	0.83	(0.02)	1.30	(0.05)	-0.47	(0.05)
	Czech Republic	4.00	(0.05)	3.98	(0.19)	0.02	(0.20)	0.75	(0.02)	0.82	(0.17)	-0.06	(0.18)
	Denmark	4.44	(0.03)	4.39	(0.10)	0.05	(0.10)	1.32	(0.03)	1.84	(0.10)	-0.52	(0.10)
	Finland	3.46	(0.04)	3.11	(0.17)	0.35	(0.17)	0.36	(0.02)	0.76	(0.17)	-0.40	(0.17)
	France	3.87	(0.03)	3.66	(0.09)	0.21	(0.09)	0.89	(0.02)	1.19	(0.06)	-0.30	(0.07)
	Germany	3.86	(0.04)	4.02	(0.08)	-0.16	(0.08)	0.74	(0.02)	1.19	(0.09)	-0.45	(0.09)
	Greece	3.48	(0.05)	3.20	(0.14)	0.28	(0.14)	2.31	(0.06)	1.31	(0.10)	1.00	(0.12)
	Hungary	3.29	(0.04)	3.44	(0.26)	-0.15	(0.26)	1.28	(0.03)	1.38	(0.25)	-0.10	(0.26)
	Iceland	4.74	(0.02)	4.66	(0.25)	0.08	(0.25)	0.71	(0.02)	1.09	(0.17)	-0.38	(0.17)
	Ireland	3.64	(0.03)	3.80	(0.11)	-0.15	(0.11)	0.70	(0.02)	0.93	(0.12)	-0.23	(0.12)
	Italy	3.76	(0.03)	3.63	(0.11)	0.13	(0.11)	0.88	(0.02)	1.02	(0.07)	-0.14	(0.07)
	Japan	4.24	(0.07)	c	c	c	c	0.71	(0.03)	c	c	c	c
	Korea	4.71	(0.04)	c	c	c	c	2.28	(0.04)	c	c	c	c
	Luxembourg	3.90	(0.03)	3.78	(0.05)	0.12	(0.05)	0.77	(0.02)	0.94	(0.04)	-0.18	(0.04)
	Mexico	4.01	(0.03)	2.89	(0.33)	1.12	(0.33)	1.16	(0.03)	1.43	(0.18)	-0.26	(0.18)
	Netherlands	2.87	(0.03)	2.90	(0.10)	-0.02	(0.10)	0.64	(0.02)	1.04	(0.06)	-0.40	(0.06)
	New Zealand	4.40	(0.03)	4.34	(0.07)	0.06	(0.07)	0.55	(0.02)	1.15	(0.05)	-0.60	(0.06)
	Norway	3.39	(0.03)	3.44	(0.09)	-0.05	(0.09)	1.02	(0.02)	1.42	(0.09)	-0.40	(0.09)
	Poland	4.36	(0.04)	c	c	c	c	0.77	(0.02)	c	c	c	c
	Portugal	3.64	(0.04)	3.37	(0.11)	0.26	(0.12)	0.81	(0.02)	0.87	(0.08)	-0.06	(0.08)
	Slovak Republic	3.28	(0.05)	c	c	c	c	0.88	(0.03)	c	c	c	c
	Spain	3.44	(0.03)	3.23	(0.10)	0.21	(0.10)	1.00	(0.02)	0.89	(0.08)	0.10	(0.09)
	Sweden	3.09	(0.02)	3.16	(0.08)	-0.08	(0.07)	0.56	(0.01)	1.00	(0.07)	-0.44	(0.07)
Switzerland	3.85	(0.04)	3.88	(0.05)	-0.03	(0.06)	0.62	(0.02)	0.96	(0.05)	-0.34	(0.05)	
Turkey	3.84	(0.06)	3.42	(0.36)	0.42	(0.36)	2.09	(0.05)	1.67	(0.49)	0.42	(0.50)	
United Kingdom	3.77	(0.03)	3.88	(0.10)	-0.10	(0.10)	0.57	(0.01)	1.24	(0.07)	-0.67	(0.07)	
United States	3.84	(0.05)	3.49	(0.07)	0.35	(0.08)	1.10	(0.03)	1.35	(0.06)	-0.25	(0.07)	
OECD average	3.82	(0.01)	3.66	(0.03)	0.11	(0.03)	0.93	(0.00)	1.13	(0.03)	-0.24	(0.03)	
Partners	Argentina	2.96	(0.06)	2.80	(0.25)	0.16	(0.25)	0.78	(0.04)	0.48	(0.08)	0.30	(0.09)
	Azerbaijan	3.81	(0.06)	3.76	(0.27)	0.05	(0.27)	1.69	(0.05)	1.85	(0.24)	-0.16	(0.23)
	Brazil	3.18	(0.04)	2.50	(0.20)	0.67	(0.20)	1.20	(0.03)	1.20	(0.16)	0.01	(0.16)
	Bulgaria	2.99	(0.07)	c	c	c	c	1.12	(0.04)	c	c	c	c
	Chile	3.50	(0.06)	c	c	c	c	0.99	(0.03)	c	c	c	c
	Colombia	4.24	(0.06)	c	c	c	c	1.22	(0.03)	c	c	c	c
	Croatia	3.04	(0.04)	3.10	(0.07)	-0.05	(0.08)	0.75	(0.02)	0.80	(0.06)	-0.05	(0.06)
	Estonia	4.21	(0.04)	4.21	(0.10)	-0.01	(0.10)	0.98	(0.03)	1.08	(0.05)	-0.10	(0.06)
	Hong Kong-China	5.22	(0.05)	5.25	(0.05)	-0.02	(0.05)	1.56	(0.04)	1.18	(0.05)	0.37	(0.06)
	Indonesia	4.10	(0.07)	3.09	(0.54)	1.01	(0.54)	1.36	(0.05)	1.31	(0.33)	0.05	(0.33)
	Israel	4.09	(0.04)	4.36	(0.07)	-0.27	(0.08)	2.11	(0.05)	2.29	(0.07)	-0.18	(0.08)
	Jordan	3.48	(0.05)	3.62	(0.09)	-0.14	(0.11)	1.81	(0.04)	1.84	(0.07)	-0.03	(0.08)
	Kyrgyzstan	2.88	(0.05)	3.42	(0.20)	-0.53	(0.19)	1.55	(0.04)	1.56	(0.26)	-0.01	(0.25)
	Latvia	4.51	(0.04)	4.39	(0.10)	0.12	(0.10)	1.19	(0.04)	1.30	(0.07)	-0.10	(0.08)
	Liechtenstein	4.05	(0.10)	3.81	(0.14)	0.25	(0.16)	0.51	(0.06)	0.70	(0.10)	-0.19	(0.13)
	Lithuania	3.51	(0.04)	3.72	(0.18)	-0.21	(0.18)	0.74	(0.02)	0.71	(0.12)	0.03	(0.13)
	Macao-China	5.39	(0.06)	5.44	(0.03)	-0.05	(0.07)	1.27	(0.05)	1.18	(0.03)	0.09	(0.06)
	Montenegro	3.10	(0.04)	2.99	(0.14)	0.11	(0.15)	0.92	(0.02)	0.86	(0.12)	0.06	(0.12)
	Qatar	2.84	(0.04)	3.51	(0.04)	-0.66	(0.06)	1.90	(0.04)	1.73	(0.04)	0.17	(0.06)
	Romania	3.01	(0.07)	c	c	c	c	1.50	(0.03)	c	c	c	c
	Russian Federation	3.65	(0.06)	3.56	(0.10)	0.09	(0.11)	1.14	(0.03)	1.06	(0.07)	0.08	(0.07)
	Serbia	3.27	(0.04)	3.35	(0.09)	-0.08	(0.09)	0.97	(0.03)	1.02	(0.08)	-0.06	(0.09)
	Slovenia	3.34	(0.03)	3.18	(0.08)	0.17	(0.09)	1.01	(0.02)	1.11	(0.07)	-0.10	(0.08)
Chinese Taipei	4.28	(0.05)	3.29	(0.41)	0.99	(0.40)	1.54	(0.03)	1.51	(0.29)	0.02	(0.29)	
Thailand	3.79	(0.03)	c	c	c	c	0.92	(0.03)	c	c	c	c	
Tunisia	3.41	(0.04)	3.18	(0.31)	0.22	(0.32)	2.42	(0.04)	2.44	(0.22)	-0.02	(0.23)	
Uruguay	3.33	(0.03)	c	c	c	c	0.83	(0.03)	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status

	Mean learning hours per week												
	Individual study						Total learning hours						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.64	(0.02)	2.33	(0.05)	-0.69	(0.05)	6.32	(0.04)	7.79	(0.12)	-1.47	(0.13)
	Austria	2.08	(0.04)	2.44	(0.09)	-0.36	(0.10)	5.77	(0.09)	6.57	(0.20)	-0.80	(0.21)
	Belgium	1.81	(0.03)	1.71	(0.07)	0.09	(0.07)	5.96	(0.06)	5.86	(0.18)	0.10	(0.18)
	Canada	1.84	(0.02)	2.47	(0.08)	-0.63	(0.08)	7.23	(0.06)	8.27	(0.17)	-1.03	(0.17)
	Czech Republic	1.31	(0.03)	1.58	(0.20)	-0.28	(0.20)	6.05	(0.08)	6.38	(0.41)	-0.33	(0.42)
	Denmark	1.72	(0.03)	2.05	(0.09)	-0.33	(0.10)	7.47	(0.06)	8.18	(0.21)	-0.71	(0.21)
	Finland	1.20	(0.02)	1.40	(0.13)	-0.21	(0.12)	5.02	(0.06)	5.27	(0.26)	-0.26	(0.26)
	France	1.73	(0.03)	1.85	(0.09)	-0.12	(0.10)	6.49	(0.06)	6.68	(0.18)	-0.19	(0.18)
	Germany	2.23	(0.04)	2.52	(0.08)	-0.29	(0.09)	6.86	(0.07)	7.71	(0.19)	-0.86	(0.19)
	Greece	2.02	(0.04)	1.75	(0.10)	0.27	(0.11)	7.83	(0.10)	6.25	(0.27)	1.58	(0.29)
	Hungary	1.84	(0.03)	1.74	(0.18)	0.10	(0.19)	6.41	(0.09)	6.60	(0.51)	-0.18	(0.51)
	Iceland	1.71	(0.02)	1.85	(0.23)	-0.14	(0.23)	7.16	(0.05)	7.63	(0.41)	-0.47	(0.41)
	Ireland	1.74	(0.03)	2.06	(0.12)	-0.31	(0.12)	6.09	(0.07)	6.78	(0.26)	-0.69	(0.26)
	Italy	2.49	(0.04)	2.49	(0.11)	0.00	(0.12)	7.14	(0.07)	7.14	(0.19)	0.00	(0.20)
	Japan	1.48	(0.06)	c	c	c	c	6.43	(0.13)	c	c	c	c
	Korea	2.32	(0.07)	c	c	c	c	9.34	(0.13)	c	c	c	c
	Luxembourg	1.72	(0.03)	1.68	(0.04)	0.04	(0.05)	6.41	(0.06)	6.44	(0.08)	-0.03	(0.10)
	Mexico	2.25	(0.03)	2.40	(0.24)	-0.14	(0.24)	7.39	(0.06)	6.59	(0.52)	0.80	(0.51)
	Netherlands	1.43	(0.03)	1.77	(0.08)	-0.33	(0.08)	4.94	(0.07)	5.64	(0.20)	-0.70	(0.20)
	New Zealand	1.45	(0.03)	2.12	(0.06)	-0.68	(0.07)	6.41	(0.05)	7.61	(0.12)	-1.21	(0.14)
	Norway	1.37	(0.03)	1.82	(0.11)	-0.44	(0.11)	5.78	(0.06)	6.70	(0.21)	-0.92	(0.20)
	Poland	2.10	(0.03)	c	c	c	c	7.24	(0.06)	c	c	c	c
	Portugal	1.95	(0.03)	2.11	(0.12)	-0.16	(0.12)	6.39	(0.07)	6.32	(0.24)	0.07	(0.24)
	Slovak Republic	1.69	(0.03)	c	c	c	c	5.87	(0.10)	c	c	c	c
	Spain	1.96	(0.03)	2.00	(0.12)	-0.04	(0.12)	6.44	(0.06)	6.12	(0.18)	0.31	(0.18)
	Sweden	1.12	(0.02)	1.65	(0.08)	-0.53	(0.09)	4.77	(0.04)	5.86	(0.15)	-1.10	(0.15)
Switzerland	1.64	(0.03)	1.85	(0.04)	-0.22	(0.05)	6.13	(0.07)	6.71	(0.09)	-0.58	(0.12)	
Turkey	2.32	(0.05)	1.85	(0.37)	0.47	(0.38)	8.21	(0.14)	6.88	(1.23)	1.33	(1.25)	
United Kingdom	1.44	(0.02)	1.97	(0.05)	-0.52	(0.06)	5.79	(0.05)	7.07	(0.12)	-1.29	(0.13)	
United States	2.04	(0.03)	2.09	(0.07)	-0.05	(0.09)	7.03	(0.07)	6.95	(0.16)	0.08	(0.18)	
OECD average	1.79	(0.01)	1.98	(0.03)	-0.21	(0.03)	6.55	(0.01)	6.77	(0.07)	-0.33	(0.07)	
Partners	Argentina	1.83	(0.04)	1.55	(0.13)	0.28	(0.14)	5.58	(0.11)	4.89	(0.38)	0.69	(0.40)
	Azerbaijan	2.96	(0.07)	3.08	(0.19)	-0.12	(0.19)	8.51	(0.14)	8.75	(0.52)	-0.23	(0.50)
	Brazil	1.80	(0.03)	1.81	(0.17)	-0.02	(0.17)	6.16	(0.07)	5.59	(0.35)	0.57	(0.35)
	Bulgaria	2.08	(0.07)	c	c	c	c	6.23	(0.15)	c	c	c	c
	Chile	1.60	(0.03)	c	c	c	c	6.13	(0.10)	c	c	c	c
	Colombia	1.93	(0.03)	c	c	c	c	7.39	(0.08)	c	c	c	c
	Croatia	1.79	(0.03)	1.88	(0.08)	-0.09	(0.09)	5.62	(0.06)	5.82	(0.16)	-0.20	(0.17)
	Estonia	1.94	(0.03)	2.11	(0.10)	-0.17	(0.10)	7.13	(0.07)	7.42	(0.16)	-0.30	(0.18)
	Hong Kong-China	2.28	(0.05)	2.19	(0.05)	0.09	(0.06)	9.06	(0.09)	8.63	(0.11)	0.43	(0.11)
	Indonesia	1.99	(0.03)	1.81	(0.23)	0.19	(0.23)	7.45	(0.10)	6.30	(0.55)	1.15	(0.56)
	Israel	2.32	(0.06)	2.36	(0.08)	-0.05	(0.09)	8.60	(0.13)	9.10	(0.18)	-0.50	(0.20)
	Jordan	2.68	(0.04)	2.79	(0.10)	-0.11	(0.11)	7.96	(0.09)	8.17	(0.18)	-0.21	(0.21)
	Kyrgyzstan	2.22	(0.03)	2.35	(0.21)	-0.13	(0.21)	6.71	(0.09)	7.32	(0.59)	-0.61	(0.57)
	Latvia	2.45	(0.04)	2.35	(0.10)	0.10	(0.10)	8.16	(0.09)	8.04	(0.17)	0.12	(0.21)
	Liechtenstein	1.45	(0.07)	1.54	(0.10)	-0.08	(0.12)	6.01	(0.15)	6.02	(0.22)	-0.00	(0.27)
	Lithuania	1.78	(0.03)	1.91	(0.16)	-0.13	(0.16)	6.02	(0.05)	6.35	(0.28)	-0.32	(0.28)
	Macao-China	2.16	(0.06)	2.04	(0.03)	0.12	(0.07)	8.83	(0.13)	8.65	(0.06)	0.17	(0.14)
	Montenegro	2.02	(0.03)	2.21	(0.14)	-0.19	(0.14)	6.02	(0.07)	6.03	(0.28)	-0.01	(0.28)
	Qatar	2.05	(0.03)	2.46	(0.04)	-0.41	(0.06)	6.82	(0.08)	7.74	(0.10)	-0.92	(0.14)
	Romania	2.16	(0.04)	c	c	c	c	6.67	(0.11)	c	c	c	c
	Russian Federation	2.22	(0.05)	2.23	(0.11)	-0.01	(0.11)	7.01	(0.10)	6.84	(0.23)	0.17	(0.24)
	Serbia	1.81	(0.03)	1.85	(0.10)	-0.04	(0.11)	6.05	(0.08)	6.24	(0.18)	-0.20	(0.20)
	Slovenia	1.93	(0.02)	1.87	(0.09)	0.06	(0.10)	6.30	(0.05)	6.18	(0.19)	0.12	(0.20)
	Chinese Taipei	1.89	(0.04)	1.73	(0.22)	0.16	(0.22)	7.76	(0.11)	6.58	(0.75)	1.18	(0.74)
	Thailand	1.82	(0.03)	c	c	c	c	6.52	(0.07)	c	c	c	c
	Tunisia	2.56	(0.04)	2.13	(0.42)	0.43	(0.43)	8.39	(0.10)	7.73	(0.63)	0.66	(0.64)
Uruguay	1.57	(0.03)	c	c	c	c	5.75	(0.07)	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 3/3]
Table 3.8b Mean learning hours and allocation of total learning time in mathematics, by immigrant status

	Allocation of total learning time in mathematics for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	67.6	(0.3)	59.7	(0.5)	7.9	(0.5)	8.4	(0.2)	12.2	(0.4)	-3.8	(0.4)	24.0	(0.2)	28.2	(0.4)	-4.1	(0.4)
	Austria	59.2	(0.5)	54.4	(0.9)	4.8	(1.0)	6.2	(0.3)	9.3	(0.7)	-3.1	(0.8)	34.6	(0.4)	36.3	(0.9)	-1.6	(0.9)
	Belgium	63.5	(0.3)	60.3	(0.8)	3.2	(0.9)	7.4	(0.2)	11.7	(0.9)	-4.3	(0.9)	29.1	(0.3)	27.9	(0.6)	1.2	(0.5)
	Canada	65.2	(0.3)	57.2	(0.7)	8.0	(0.7)	10.5	(0.2)	14.3	(0.4)	-3.9	(0.4)	24.3	(0.2)	28.5	(0.5)	-4.2	(0.6)
	Czech Republic	70.5	(0.4)	67.1	(2.6)	3.4	(2.6)	9.8	(0.2)	9.8	(1.6)	-0.0	(1.7)	19.8	(0.3)	23.1	(2.4)	-3.4	(2.3)
	Denmark	62.8	(0.3)	56.7	(1.2)	6.1	(1.2)	15.7	(0.3)	20.0	(0.8)	-4.4	(0.8)	21.5	(0.2)	23.3	(0.7)	-1.7	(0.8)
	Finland	71.4	(0.3)	61.8	(2.5)	9.6	(2.4)	5.8	(0.2)	11.6	(2.4)	-5.8	(2.4)	22.9	(0.2)	26.6	(2.2)	-3.8	(2.1)
	France	63.2	(0.4)	58.2	(0.9)	5.0	(1.0)	12.1	(0.3)	16.3	(0.8)	-4.2	(0.9)	24.7	(0.3)	25.5	(0.8)	-0.8	(0.8)
	Germany	59.1	(0.3)	55.0	(1.0)	4.1	(1.1)	9.0	(0.3)	13.4	(0.9)	-4.4	(0.9)	31.9	(0.3)	31.6	(0.6)	0.3	(0.7)
	Greece	49.0	(0.5)	55.0	(1.5)	-6.0	(1.5)	26.6	(0.5)	18.0	(1.2)	8.6	(1.3)	24.4	(0.4)	27.0	(1.1)	-2.6	(1.2)
	Hungary	54.4	(0.4)	54.5	(2.9)	-0.2	(3.0)	17.7	(0.3)	18.7	(2.6)	-1.1	(2.6)	28.0	(0.3)	26.7	(2.1)	1.2	(2.2)
	Iceland	69.6	(0.3)	63.5	(2.7)	6.1	(2.7)	8.3	(0.2)	14.2	(2.1)	-5.9	(2.1)	22.1	(0.2)	22.3	(2.0)	-0.2	(2.0)
	Ireland	63.8	(0.4)	60.5	(1.6)	3.3	(1.6)	9.4	(0.3)	10.5	(1.3)	-1.2	(1.4)	26.8	(0.3)	28.9	(1.2)	-2.1	(1.2)
	Italy	55.1	(0.2)	52.2	(1.3)	2.9	(1.3)	10.6	(0.2)	13.8	(1.3)	-3.2	(1.3)	34.3	(0.2)	34.0	(1.1)	0.3	(1.2)
	Japan	71.7	(0.5)	c	c	c	c	8.7	(0.3)	c	c	c	c	19.6	(0.4)	c	c	c	c
	Korea	56.9	(0.5)	c	c	c	c	20.9	(0.3)	c	c	c	c	22.2	(0.4)	c	c	c	c
	Luxembourg	64.4	(0.4)	61.5	(0.6)	2.9	(0.7)	10.0	(0.3)	12.9	(0.4)	-2.9	(0.5)	25.6	(0.3)	25.6	(0.4)	-0.0	(0.5)
	Mexico	55.2	(0.4)	41.6	(3.5)	13.6	(3.5)	14.1	(0.3)	19.8	(2.5)	-5.7	(2.4)	30.7	(0.3)	38.7	(2.9)	-7.9	(3.0)
	Netherlands	60.9	(0.4)	53.4	(1.1)	7.5	(1.2)	11.5	(0.3)	16.3	(1.0)	-4.9	(1.0)	27.6	(0.4)	30.2	(1.1)	-2.6	(1.1)
	New Zealand	72.0	(0.4)	60.9	(0.8)	11.0	(0.9)	7.2	(0.2)	13.1	(0.6)	-5.9	(0.6)	20.8	(0.3)	26.0	(0.5)	-5.1	(0.6)
	Norway	62.7	(0.4)	54.8	(1.4)	7.9	(1.5)	15.6	(0.3)	19.8	(0.9)	-4.1	(1.0)	21.7	(0.3)	25.4	(1.0)	-3.7	(1.0)
	Poland	62.5	(0.3)	c	c	c	c	10.0	(0.3)	c	c	c	c	27.5	(0.3)	c	c	c	c
	Portugal	59.1	(0.4)	57.5	(1.6)	1.6	(1.7)	11.5	(0.3)	12.3	(1.1)	-0.9	(1.1)	29.5	(0.4)	30.2	(1.3)	-0.7	(1.4)
	Slovak Republic	60.6	(0.5)	c	c	c	c	12.5	(0.3)	c	c	c	c	26.9	(0.3)	c	c	c	c
	Spain	57.9	(0.3)	56.1	(1.1)	1.7	(1.1)	13.0	(0.3)	12.6	(0.9)	0.4	(1.0)	29.1	(0.3)	31.3	(1.0)	-2.2	(1.1)
	Sweden	69.3	(0.5)	58.9	(1.1)	10.4	(1.2)	9.2	(0.2)	14.8	(0.9)	-5.6	(0.9)	21.5	(0.4)	26.3	(0.9)	-4.8	(1.0)
	Switzerland	64.5	(0.4)	60.5	(0.7)	4.0	(0.7)	8.8	(0.3)	12.1	(0.5)	-3.3	(0.5)	26.6	(0.2)	27.4	(0.5)	-0.7	(0.5)
	Turkey	50.6	(0.4)	53.8	(4.0)	-3.2	(4.0)	22.7	(0.4)	19.5	(3.9)	3.2	(3.9)	26.6	(0.3)	26.7	(1.5)	-0.1	(1.6)
United Kingdom	68.1	(0.3)	58.0	(1.0)	10.1	(1.1)	8.2	(0.2)	15.0	(1.0)	-6.8	(1.0)	23.7	(0.2)	27.0	(0.6)	-3.3	(0.7)	
United States	56.2	(0.5)	52.0	(1.0)	4.2	(1.1)	14.7	(0.4)	18.1	(0.7)	-3.4	(0.7)	29.1	(0.3)	29.0	(0.8)	-0.8	(0.9)	
OECD average	62.2	(0.1)	57.1	(0.3)	5.0	(0.3)	11.9	(0.1)	14.6	(0.3)	-2.9	(0.3)	25.9	(0.1)	28.2	(0.3)	-2.1	(0.3)	
Partners	Argentina	55.0	(0.6)	56.6	(2.3)	-1.7	(2.4)	12.4	(0.5)	9.3	(1.4)	3.2	(1.4)	32.6	(0.4)	34.1	(2.3)	-1.5	(2.3)
	Azerbaijan	47.2	(0.6)	46.7	(2.6)	0.6	(2.6)	18.6	(0.4)	19.4	(2.0)	-0.8	(2.0)	34.2	(0.5)	34.0	(1.7)	0.3	(1.7)
	Brazil	54.7	(0.5)	48.5	(2.7)	6.2	(2.8)	17.2	(0.4)	18.2	(2.3)	-1.1	(2.3)	28.1	(0.4)	33.3	(2.8)	-5.2	(2.8)
	Bulgaria	51.4	(0.5)	c	c	c	c	16.2	(0.5)	c	c	c	c	32.3	(0.5)	c	c	c	c
	Chile	57.0	(0.5)	c	c	c	c	15.1	(0.3)	c	c	c	c	27.9	(0.4)	c	c	c	c
	Colombia	61.0	(0.6)	c	c	c	c	14.1	(0.3)	c	c	c	c	25.0	(0.4)	c	c	c	c
	Croatia	58.5	(0.5)	58.4	(1.1)	0.1	(1.0)	11.4	(0.3)	11.1	(0.7)	0.2	(0.8)	30.2	(0.4)	30.5	(0.9)	-0.3	(1.0)
	Estonia	62.5	(0.4)	60.4	(1.0)	2.1	(1.0)	12.2	(0.3)	13.3	(0.7)	-1.1	(0.7)	25.3	(0.3)	26.4	(0.9)	-1.0	(1.0)
	Hong Kong-China	61.1	(0.5)	64.6	(0.6)	-3.5	(0.8)	15.5	(0.4)	12.2	(0.5)	3.3	(0.6)	23.4	(0.3)	23.3	(0.4)	0.2	(0.5)
	Indonesia	57.3	(0.6)	47.1	(8.7)	10.2	(8.7)	16.3	(0.5)	19.9	(5.1)	-3.6	(5.2)	26.5	(0.3)	33.0	(5.0)	-6.5	(5.0)
	Israel	51.8	(0.7)	51.7	(0.9)	0.1	(0.9)	22.8	(0.4)	23.5	(0.5)	-0.8	(0.6)	25.5	(0.5)	24.7	(0.6)	0.7	(0.6)
	Jordan	43.4	(0.6)	43.3	(1.2)	0.2	(1.3)	22.0	(0.5)	22.4	(0.9)	-0.3	(1.0)	34.5	(0.4)	34.4	(0.7)	0.1	(0.8)
	Kyrgyzstan	42.1	(0.5)	48.7	(3.0)	-6.6	(3.0)	24.1	(0.5)	19.6	(2.2)	4.5	(2.1)	33.9	(0.4)	31.7	(1.7)	2.2	(1.8)
	Latvia	58.4	(0.4)	56.9	(1.0)	1.5	(1.1)	13.2	(0.4)	15.6	(0.8)	-2.3	(0.9)	28.4	(0.3)	27.6	(0.9)	0.8	(0.9)
	Liechtenstein	67.9	(1.3)	64.7	(2.0)	3.3	(2.3)	7.3	(0.7)	10.5	(1.3)	-3.2	(1.6)	24.8	(1.1)	24.9	(1.3)	-0.1	(1.5)
	Lithuania	60.8	(0.4)	61.4	(2.1)	-0.6	(2.1)	11.4	(0.3)	10.3	(1.6)	1.2	(1.7)	27.8	(0.3)	28.3	(1.9)	-0.5	(1.9)
	Macao-China	65.4	(0.7)	66.7	(0.4)	-1.3	(0.8)	12.2	(0.4)	11.7	(0.3)	0.5	(0.4)	22.5	(0.6)	21.6	(0.3)	0.8	(0.6)
	Montenegro	52.8	(0.4)	49.7	(1.9)	3.1	(2.0)	13.3	(0.3)	13.4	(1.5)	-0.0	(1.5)	33.9	(0.4)	36.9	(1.7)	-3.0	(1.7)
	Qatar	41.5	(0.4)	46.1	(0.5)	-4.7	(0.7)	27.5	(0.4)	21.4	(0.4)	6.1	(0.7)	31.0	(0.4)	32.4	(0.4)	-1.4	(0.5)
	Romania	49.5	(0.6)	c	c	c	c	19.7	(0.4)	c	c	c	c	30.7	(0.4)	c	c	c	c
	Russian Federation	54.1	(0.5)	53.2	(1.3)	0.8	(1.2)	15.7	(0.6)	15.2	(0.9)	0.5	(0.8)	30.2	(0.4)	31.5	(0.9)	-1.3	(0.9)
	Serbia	59.3	(0.5)	59.2	(1.2)	0.2	(1.3)	13.0	(0.3)	12.8	(1.0)	0.2	(1.0)	27.7	(0.4)	28.0	(1.1)	-0.3	(1.1)
	Slovenia	55.9	(0.3)	53.0	(0.8)	2.9	(0.9)	14.0	(0.2)	16.7	(0.7)	-2.7	(0.8)	30.0	(0.3)	30.3	(0.8)	-0.2	(0.9)
	Chinese Taipei	59.8	(0.4)	53.4	(4.9)	6.4	(4.9)	16.9	(0.2)	18.5	(2.7)	-1.6	(2.7)	23.3	(0.2)	28.1	(4.1)	-4.8	(4.1)
	Thailand	63.4	(0.4)	c	c	c	c	10.6	(0.3)	c	c	c	c	26.0	(0.3)	c	c	c	c
	Tunisia	41.8	(0.4)	39.0	(4.2)	2.8	(4.3)	27.0	(0.3)	33.1	(2.4)	-6.1	(2.5)	31.1	(0.3)	27.9	(3.5)	3.2	(3.6)
	Uruguay	61.0	(0.4)	c	c	c	c	12.3	(0.3)	c	c	c	c	26.7	(0.3)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8c Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	4.02	(0.03)	4.22	(0.05)	-0.19	(0.06)	0.59	(0.01)	0.90	(0.04)	-0.31	(0.04)
	Austria	2.81	(0.03)	3.25	(0.12)	-0.44	(0.12)	0.20	(0.02)	0.49	(0.05)	-0.30	(0.04)
	Belgium	3.48	(0.03)	3.58	(0.10)	-0.11	(0.10)	0.41	(0.01)	0.77	(0.04)	-0.37	(0.05)
	Canada	4.47	(0.04)	4.34	(0.08)	0.13	(0.08)	0.79	(0.02)	1.12	(0.05)	-0.33	(0.05)
	Czech Republic	3.72	(0.03)	3.72	(0.17)	0.01	(0.16)	0.60	(0.01)	0.88	(0.18)	-0.28	(0.18)
	Denmark	5.52	(0.04)	5.33	(0.09)	0.19	(0.09)	1.65	(0.03)	2.14	(0.11)	-0.50	(0.11)
	Finland	3.14	(0.05)	2.90	(0.26)	0.24	(0.26)	0.36	(0.01)	0.75	(0.12)	-0.40	(0.12)
	France	4.04	(0.03)	3.86	(0.10)	0.18	(0.10)	0.73	(0.02)	1.05	(0.06)	-0.33	(0.06)
	Germany	3.63	(0.03)	3.83	(0.08)	-0.19	(0.08)	0.55	(0.02)	0.94	(0.07)	-0.39	(0.08)
	Greece	3.23	(0.04)	2.69	(0.14)	0.54	(0.13)	1.66	(0.04)	1.23	(0.11)	0.43	(0.11)
	Hungary	3.19	(0.04)	3.13	(0.23)	0.06	(0.23)	1.30	(0.03)	1.38	(0.24)	-0.07	(0.23)
	Iceland	4.52	(0.02)	4.29	(0.23)	0.23	(0.23)	0.45	(0.02)	0.85	(0.18)	-0.39	(0.18)
	Ireland	3.54	(0.03)	3.74	(0.11)	-0.20	(0.11)	0.61	(0.02)	0.98	(0.13)	-0.38	(0.13)
	Italy	4.64	(0.03)	4.33	(0.12)	0.32	(0.12)	0.77	(0.02)	1.15	(0.08)	-0.38	(0.09)
	Japan	3.82	(0.04)	c	c	c	c	0.43	(0.02)	c	c	c	c
	Korea	4.49	(0.04)	c	c	c	c	1.45	(0.04)	c	c	c	c
	Luxembourg	3.46	(0.03)	3.60	(0.04)	-0.14	(0.05)	0.48	(0.02)	0.80	(0.03)	-0.32	(0.04)
	Mexico	3.80	(0.04)	2.78	(0.28)	1.02	(0.29)	1.09	(0.03)	1.36	(0.21)	-0.27	(0.22)
	Netherlands	2.91	(0.03)	2.97	(0.09)	-0.05	(0.09)	0.58	(0.02)	1.12	(0.06)	-0.54	(0.07)
	New Zealand	4.42	(0.03)	4.29	(0.06)	0.13	(0.07)	0.55	(0.03)	1.00	(0.05)	-0.45	(0.06)
	Norway	3.60	(0.04)	3.60	(0.13)	0.01	(0.14)	1.12	(0.02)	1.59	(0.12)	-0.46	(0.12)
	Poland	4.65	(0.03)	c	c	c	c	0.70	(0.03)	c	c	c	c
	Portugal	3.29	(0.03)	3.10	(0.13)	0.20	(0.13)	0.55	(0.02)	0.79	(0.10)	-0.24	(0.10)
	Slovak Republic	3.12	(0.05)	c	c	c	c	0.88	(0.03)	c	c	c	c
	Spain	3.64	(0.03)	3.23	(0.11)	0.41	(0.11)	0.56	(0.02)	0.83	(0.09)	-0.27	(0.09)
	Sweden	3.12	(0.03)	3.13	(0.08)	-0.01	(0.08)	0.63	(0.02)	1.03	(0.07)	-0.40	(0.07)
Switzerland	3.64	(0.04)	3.70	(0.05)	-0.06	(0.05)	0.39	(0.02)	0.79	(0.05)	-0.40	(0.05)	
Turkey	3.99	(0.05)	4.29	(0.24)	-0.30	(0.23)	1.82	(0.05)	1.62	(0.24)	0.20	(0.25)	
United Kingdom	3.89	(0.03)	3.95	(0.11)	-0.06	(0.11)	0.53	(0.01)	1.13	(0.10)	-0.59	(0.10)	
United States	3.71	(0.04)	3.37	(0.07)	0.34	(0.08)	1.07	(0.03)	1.26	(0.06)	-0.19	(0.07)	
OECD average	3.78	(0.01)	3.66	(0.03)	0.09	(0.03)	0.78	(0.00)	1.08	(0.02)	-0.31	(0.02)	
Partners	Argentina	2.39	(0.05)	2.49	(0.21)	-0.11	(0.19)	0.42	(0.03)	0.43	(0.10)	-0.01	(0.10)
	Azerbaijan	3.70	(0.05)	4.06	(0.37)	-0.36	(0.37)	1.80	(0.05)	1.91	(0.18)	-0.12	(0.18)
	Brazil	3.13	(0.04)	2.64	(0.23)	0.49	(0.24)	1.18	(0.03)	1.15	(0.13)	0.02	(0.13)
	Bulgaria	2.93	(0.05)	c	c	c	c	1.08	(0.04)	c	c	c	c
	Chile	3.46	(0.06)	c	c	c	c	0.99	(0.03)	c	c	c	c
	Colombia	3.95	(0.05)	c	c	c	c	1.15	(0.03)	c	c	c	c
	Croatia	3.32	(0.04)	3.38	(0.07)	-0.05	(0.07)	0.38	(0.02)	0.38	(0.04)	-0.00	(0.05)
	Estonia	3.48	(0.04)	3.61	(0.09)	-0.13	(0.10)	0.86	(0.03)	0.99	(0.06)	-0.12	(0.06)
	Hong Kong-China	5.15	(0.05)	5.25	(0.05)	-0.10	(0.06)	0.82	(0.04)	0.79	(0.04)	0.03	(0.05)
	Indonesia	3.65	(0.05)	2.27	(0.32)	1.37	(0.31)	1.25	(0.04)	1.11	(0.25)	0.14	(0.24)
	Israel	3.07	(0.05)	2.91	(0.09)	0.16	(0.09)	1.32	(0.03)	1.27	(0.07)	0.05	(0.08)
	Jordan	3.59	(0.06)	3.66	(0.09)	-0.07	(0.11)	1.79	(0.04)	1.67	(0.08)	0.12	(0.08)
	Kyrgyzstan	2.76	(0.06)	2.99	(0.16)	-0.22	(0.17)	1.72	(0.03)	1.18	(0.14)	0.54	(0.15)
	Latvia	3.73	(0.04)	3.29	(0.10)	0.45	(0.11)	0.87	(0.04)	0.90	(0.06)	-0.02	(0.07)
	Liechtenstein	3.76	(0.10)	3.51	(0.16)	0.25	(0.19)	0.25	(0.04)	0.44	(0.07)	-0.19	(0.08)
	Lithuania	3.67	(0.04)	3.77	(0.16)	-0.10	(0.16)	0.65	(0.02)	0.80	(0.10)	-0.15	(0.10)
	Macao-China	5.28	(0.06)	5.35	(0.04)	-0.07	(0.07)	1.10	(0.05)	1.03	(0.03)	0.07	(0.06)
	Montenegro	2.95	(0.04)	2.80	(0.15)	0.15	(0.15)	0.74	(0.02)	0.72	(0.09)	0.02	(0.10)
	Qatar	2.68	(0.04)	3.22	(0.04)	-0.54	(0.06)	1.60	(0.03)	1.51	(0.04)	0.09	(0.05)
	Romania	3.30	(0.06)	c	c	c	c	1.52	(0.03)	c	c	c	c
Russian Federation	2.02	(0.03)	2.26	(0.09)	-0.24	(0.09)	0.82	(0.03)	0.83	(0.06)	-0.02	(0.06)	
Serbia	3.18	(0.04)	3.13	(0.10)	0.06	(0.10)	0.93	(0.03)	0.82	(0.08)	0.11	(0.08)	
Slovenia	3.26	(0.03)	3.12	(0.09)	0.14	(0.10)	0.73	(0.02)	0.74	(0.05)	-0.01	(0.05)	
Chinese Taipei	4.39	(0.05)	3.48	(0.34)	0.91	(0.34)	0.69	(0.02)	0.77	(0.19)	-0.08	(0.19)	
Thailand	3.11	(0.02)	c	c	c	c	0.55	(0.02)	c	c	c	c	
Tunisia	3.15	(0.05)	2.91	(0.37)	0.24	(0.37)	1.78	(0.04)	1.98	(0.35)	-0.20	(0.36)	
Uruguay	2.76	(0.04)	c	c	c	c	0.64	(0.03)	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.8c Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status
[Part 2/3]

	Mean learning hours per week												
	Individual study						Total learning hours						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.63	(0.02)	1.99	(0.05)	-0.36	(0.05)	6.24	(0.04)	7.09	(0.10)	-0.85	(0.11)
	Austria	1.45	(0.03)	2.12	(0.09)	-0.67	(0.09)	4.47	(0.06)	5.83	(0.21)	-1.36	(0.22)
	Belgium	1.33	(0.02)	1.47	(0.05)	-0.14	(0.05)	5.23	(0.04)	5.84	(0.14)	-0.61	(0.14)
	Canada	1.63	(0.02)	2.14	(0.07)	-0.50	(0.08)	6.93	(0.06)	7.58	(0.15)	-0.65	(0.15)
	Czech Republic	1.16	(0.02)	1.27	(0.16)	-0.11	(0.15)	5.48	(0.05)	5.87	(0.37)	-0.39	(0.37)
	Denmark	2.14	(0.03)	2.45	(0.09)	-0.32	(0.10)	9.30	(0.07)	9.85	(0.22)	-0.55	(0.21)
	Finland	1.13	(0.02)	1.22	(0.13)	-0.09	(0.13)	4.63	(0.07)	4.88	(0.35)	-0.25	(0.35)
	France	1.50	(0.02)	1.66	(0.07)	-0.16	(0.07)	6.28	(0.05)	6.58	(0.13)	-0.30	(0.13)
	Germany	1.86	(0.03)	2.09	(0.08)	-0.23	(0.08)	6.06	(0.05)	6.80	(0.17)	-0.74	(0.17)
	Greece	1.95	(0.03)	1.65	(0.10)	0.31	(0.10)	6.85	(0.08)	5.55	(0.28)	1.30	(0.29)
	Hungary	1.86	(0.03)	1.76	(0.18)	0.11	(0.18)	6.37	(0.08)	6.31	(0.52)	0.06	(0.51)
	Iceland	1.54	(0.02)	1.63	(0.20)	-0.08	(0.20)	6.52	(0.04)	6.81	(0.35)	-0.30	(0.35)
	Ireland	1.73	(0.03)	2.11	(0.12)	-0.38	(0.12)	5.88	(0.07)	6.84	(0.27)	-0.96	(0.29)
	Italy	2.96	(0.04)	2.78	(0.11)	0.17	(0.11)	8.38	(0.07)	8.23	(0.20)	0.15	(0.21)
	Japan	0.94	(0.03)	c	c	c	c	5.19	(0.07)	c	c	c	c
	Korea	1.41	(0.03)	c	c	c	c	7.36	(0.09)	c	c	c	c
	Luxembourg	1.31	(0.02)	1.51	(0.04)	-0.21	(0.05)	5.24	(0.05)	5.90	(0.07)	-0.66	(0.09)
	Mexico	2.06	(0.03)	2.19	(0.21)	-0.13	(0.21)	6.91	(0.07)	6.37	(0.30)	0.55	(0.31)
	Netherlands	1.29	(0.02)	1.63	(0.07)	-0.34	(0.07)	4.78	(0.04)	5.71	(0.18)	-0.93	(0.18)
	New Zealand	1.46	(0.03)	1.97	(0.05)	-0.51	(0.06)	6.44	(0.07)	7.25	(0.10)	-0.80	(0.13)
	Norway	1.42	(0.03)	1.90	(0.10)	-0.48	(0.10)	6.14	(0.06)	7.06	(0.25)	-0.92	(0.24)
	Poland	2.23	(0.03)	c	c	c	c	7.58	(0.05)	c	c	c	c
	Portugal	1.77	(0.03)	2.03	(0.13)	-0.26	(0.14)	5.61	(0.05)	5.95	(0.30)	-0.34	(0.31)
	Slovak Republic	1.74	(0.03)	c	c	c	c	5.75	(0.08)	c	c	c	c
	Spain	1.89	(0.03)	1.89	(0.09)	-0.01	(0.08)	6.11	(0.06)	5.95	(0.13)	0.17	(0.14)
	Sweden	1.23	(0.02)	1.47	(0.06)	-0.23	(0.06)	4.99	(0.05)	5.65	(0.15)	-0.66	(0.14)
	Switzerland	1.35	(0.02)	1.57	(0.04)	-0.22	(0.04)	5.38	(0.06)	6.09	(0.09)	-0.71	(0.10)
Turkey	2.18	(0.05)	2.19	(0.25)	-0.01	(0.26)	7.97	(0.12)	8.16	(0.51)	-0.19	(0.54)	
United Kingdom	1.55	(0.02)	1.95	(0.09)	-0.40	(0.08)	5.99	(0.06)	7.01	(0.20)	-1.03	(0.19)	
United States	1.87	(0.04)	1.90	(0.08)	-0.04	(0.09)	6.69	(0.07)	6.54	(0.16)	0.15	(0.18)	
OECD average	1.65	(0.01)	1.87	(0.02)	-0.20	(0.02)	6.23	(0.01)	6.60	(0.05)	-0.42	(0.05)	
Partners	Argentina	1.64	(0.04)	1.48	(0.12)	0.16	(0.13)	4.44	(0.08)	4.43	(0.33)	0.00	(0.31)
	Azerbaijan	3.11	(0.05)	3.28	(0.25)	-0.17	(0.26)	8.65	(0.11)	9.35	(0.69)	-0.70	(0.71)
	Brazil	1.75	(0.03)	1.49	(0.16)	0.26	(0.16)	6.04	(0.06)	5.34	(0.34)	0.69	(0.33)
	Bulgaria	2.05	(0.05)	c	c	c	c	6.09	(0.11)	c	c	c	c
	Chile	1.57	(0.03)	c	c	c	c	6.04	(0.08)	c	c	c	c
	Colombia	1.83	(0.04)	c	c	c	c	6.94	(0.08)	c	c	c	c
	Croatia	1.57	(0.03)	1.64	(0.07)	-0.07	(0.07)	5.30	(0.06)	5.43	(0.12)	-0.14	(0.12)
	Estonia	1.61	(0.03)	1.68	(0.09)	-0.07	(0.10)	5.95	(0.06)	6.29	(0.19)	-0.33	(0.20)
	Hong Kong-China	1.58	(0.04)	1.72	(0.05)	-0.14	(0.05)	7.55	(0.09)	7.77	(0.10)	-0.21	(0.10)
	Indonesia	1.80	(0.03)	1.88	(0.39)	-0.08	(0.39)	6.68	(0.10)	5.24	(0.76)	1.44	(0.74)
	Israel	1.67	(0.04)	1.61	(0.07)	0.06	(0.08)	6.08	(0.10)	5.80	(0.17)	0.28	(0.19)
	Jordan	2.60	(0.05)	2.53	(0.08)	0.07	(0.08)	7.98	(0.10)	7.79	(0.20)	0.19	(0.22)
	Kyrgyzstan	2.35	(0.04)	2.35	(0.18)	0.00	(0.18)	6.89	(0.10)	6.62	(0.30)	0.27	(0.31)
	Latvia	2.02	(0.03)	1.96	(0.08)	0.06	(0.09)	6.63	(0.08)	6.17	(0.18)	0.45	(0.21)
	Liechtenstein	1.16	(0.06)	1.35	(0.12)	-0.19	(0.14)	5.16	(0.12)	5.29	(0.22)	-0.13	(0.26)
	Lithuania	1.82	(0.03)	1.79	(0.17)	0.04	(0.16)	6.14	(0.06)	6.37	(0.31)	-0.24	(0.31)
	Macao-China	1.55	(0.05)	1.46	(0.03)	0.09	(0.06)	7.94	(0.12)	7.84	(0.07)	0.10	(0.14)
	Montenegro	1.98	(0.03)	2.03	(0.14)	-0.05	(0.15)	5.66	(0.07)	5.56	(0.29)	0.11	(0.30)
	Qatar	1.92	(0.04)	2.18	(0.04)	-0.26	(0.06)	6.21	(0.07)	6.89	(0.09)	-0.68	(0.11)
	Romania	2.19	(0.04)	c	c	c	c	7.02	(0.10)	c	c	c	c
	Russian Federation	1.54	(0.03)	1.71	(0.09)	-0.17	(0.08)	4.35	(0.07)	4.76	(0.18)	-0.41	(0.17)
	Serbia	1.70	(0.03)	1.73	(0.10)	-0.04	(0.10)	5.81	(0.07)	5.63	(0.18)	0.18	(0.19)
	Slovenia	1.48	(0.02)	1.45	(0.05)	0.04	(0.06)	5.49	(0.04)	5.34	(0.14)	0.16	(0.14)
Chinese Taipei	1.78	(0.03)	1.38	(0.22)	0.40	(0.21)	6.89	(0.08)	5.64	(0.59)	1.25	(0.58)	
Thailand	1.71	(0.03)	c	c	c	c	5.37	(0.05)	c	c	c	c	
Tunisia	2.11	(0.04)	1.83	(0.26)	0.29	(0.27)	7.05	(0.11)	6.91	(0.78)	0.14	(0.80)	
Uruguay	1.36	(0.02)	c	c	c	c	4.77	(0.06)	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8c Mean learning hours and allocation of total learning time on the language of instruction, by immigrant status

	Allocation of total learning time on the language of instruction for																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Regular school lessons						Out-of-school-time lessons						Individual study																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
OECD																				Australia	68.2	(0.3)	63.4	(0.5)	4.8	(0.6)	7.6	(0.2)	10.5	(0.3)	-2.9	(0.4)	24.2	(0.2)	26.1	(0.4)	-1.9	(0.4)	Austria	66.4	(0.5)	60.1	(0.9)	6.3	(0.9)	2.9	(0.2)	6.4	(0.7)	-3.6	(0.6)	30.7	(0.4)	33.5	(0.7)	-2.7	(0.8)	Belgium	67.8	(0.3)	64.0	(1.0)	3.8	(1.1)	6.4	(0.2)	11.8	(0.7)	-5.4	(0.7)	25.8	(0.2)	24.2	(0.6)	1.6	(0.6)	Canada	67.5	(0.3)	59.3	(0.8)	8.2	(1.0)	10.0	(0.2)	13.1	(0.5)	-3.1	(0.5)	22.5	(0.2)	27.6	(0.6)	-5.1	(0.7)	Czech Republic	71.7	(0.4)	68.3	(2.8)	3.4	(2.8)	8.9	(0.2)	11.6	(1.8)	-2.7	(1.9)	19.4	(0.4)	20.0	(1.9)	-0.7	(1.8)	Denmark	62.6	(0.3)	56.5	(1.2)	6.1	(1.2)	15.6	(0.2)	20.2	(0.9)	-4.6	(0.9)	21.8	(0.2)	23.3	(0.7)	-1.5	(0.7)	Finland	70.9	(0.4)	61.9	(3.0)	9.0	(2.9)	6.0	(0.2)	12.9	(1.7)	-6.9	(1.7)	23.0	(0.3)	25.2	(2.6)	-2.1	(2.6)	France	67.7	(0.4)	61.7	(1.1)	6.0	(1.2)	10.1	(0.3)	14.8	(0.8)	-4.7	(0.9)	22.2	(0.3)	23.5	(0.7)	-1.3	(0.7)	Germany	63.0	(0.4)	57.8	(1.3)	5.3	(1.3)	7.2	(0.3)	12.0	(0.9)	-4.9	(1.0)	29.8	(0.3)	30.2	(0.7)	-0.4	(0.7)	Greece	51.1	(0.6)	52.3	(1.4)	-1.2	(1.5)	21.8	(0.4)	18.8	(1.4)	3.0	(1.4)	27.2	(0.4)	28.9	(1.1)	-1.7	(1.1)	Hungary	53.3	(0.4)	53.6	(3.2)	-0.3	(3.3)	18.2	(0.3)	18.0	(2.0)	0.2	(2.0)	28.5	(0.3)	28.4	(2.7)	0.1	(2.8)	Iceland	71.9	(0.3)	63.7	(3.2)	8.3	(3.2)	5.8	(0.2)	13.3	(2.4)	-7.5	(2.4)	22.2	(0.2)	23.1	(2.2)	-0.8	(2.2)	Ireland	64.6	(0.5)	61.0	(1.5)	3.6	(1.5)	8.0	(0.3)	9.7	(1.1)	-1.7	(1.1)	27.5	(0.4)	29.3	(1.1)	-1.8	(1.1)	Italy	57.5	(0.3)	53.6	(1.1)	3.9	(1.1)	8.0	(0.2)	13.2	(0.8)	-5.2	(0.9)	34.5	(0.2)	33.2	(0.8)	1.3	(0.9)	Japan	78.1	(0.5)	c	c	c	c	6.3	(0.3)	c	c	c	c	15.6	(0.4)	c	c	c	c	Korea	66.4	(0.5)	c	c	c	c	16.5	(0.4)	c	c	c	c	17.2	(0.2)	c	c	c	c	Luxembourg	69.2	(0.4)	64.4	(0.7)	4.7	(0.8)	7.2	(0.3)	11.4	(0.4)	-4.2	(0.5)	23.6	(0.3)	24.2	(0.5)	-0.6	(0.6)	Mexico	55.8	(0.4)	43.2	(3.3)	12.5	(3.3)	14.2	(0.3)	21.5	(2.8)	-7.3	(2.8)	30.0	(0.3)	35.3	(2.5)	-5.2	(2.6)	Netherlands	64.0	(0.4)	55.0	(1.1)	9.0	(1.1)	10.1	(0.3)	17.0	(0.6)	-7.0	(0.7)	25.9	(0.3)	28.0	(0.9)	-2.1	(0.9)	New Zealand	72.1	(0.5)	63.1	(0.9)	9.0	(1.0)	6.9	(0.3)	11.8	(0.6)	-4.9	(0.7)	21.0	(0.3)	25.1	(0.5)	-4.1	(0.6)	Norway	62.8	(0.4)	54.0	(1.7)	8.8	(1.7)	16.1	(0.3)	21.1	(1.2)	-5.0	(1.2)	21.2	(0.3)	24.9	(1.1)	-3.8	(1.1)	Poland	63.6	(0.3)	c	c	c	c	8.4	(0.3)	c	c	c	c	27.9	(0.3)	c	c	c	c	Portugal	61.4	(0.4)	57.3	(2.0)	4.1	(2.2)	8.5	(0.3)	11.2	(1.3)	-2.7	(1.3)	30.1	(0.3)	31.5	(1.4)	-1.4	(1.5)	Slovak Republic	58.9	(0.5)	c	c	c	c	12.7	(0.3)	c	c	c	c	28.4	(0.5)	c	c	c	c	Spain	63.2	(0.3)	56.8	(1.6)	6.4	(1.5)	7.7	(0.2)	13.3	(1.5)	-5.6	(1.5)	29.2	(0.3)	29.9	(1.1)	-0.8	(1.1)	Sweden	67.6	(0.6)	60.3	(1.2)	7.3	(1.4)	9.7	(0.2)	14.8	(0.9)	-5.1	(1.0)	22.7	(0.5)	24.9	(0.7)	-2.1	(0.9)	Switzerland	68.7	(0.4)	63.8	(0.7)	4.9	(0.7)	5.9	(0.3)	10.8	(0.5)	-4.9	(0.6)	25.4	(0.3)	25.4	(0.4)	-0.0	(0.4)	Turkey	54.7	(0.7)	56.2	(3.5)	-1.5	(3.5)	19.9	(0.4)	18.1	(1.9)	1.7	(1.9)	25.5	(0.3)	25.7	(2.2)	-0.2	(2.2)	United Kingdom	68.5	(0.3)	59.1	(1.2)	9.4	(1.3)	7.1	(0.2)	13.8	(1.2)	-6.7	(1.2)	24.3	(0.3)	27.1	(0.8)	-2.7	(0.9)	United States	56.8	(0.6)	52.3	(0.9)	4.5	(1.0)	15.3	(0.4)	18.3	(0.7)	-3.1	(0.6)	28.0	(0.4)	29.4	(0.7)	-1.4	(0.9)	OECD average	64.5	(0.1)	58.6	(0.4)	5.6	(0.4)	10.3	(0.1)	14.2	(0.3)	-4.0	(0.3)	25.2	(0.1)	27.2	(0.3)	-1.6	(0.3)	Partners																				Argentina	55.1	(0.7)	59.7	(3.1)	-4.6	(3.1)	8.0	(0.5)	6.9	(1.5)	1.1	(1.5)	36.9	(0.5)	33.4	(2.7)	3.5	(2.8)	Azerbaijan	45.0	(0.6)	46.4	(2.2)	-1.4	(2.2)	19.4	(0.5)	18.2	(1.9)	1.1	(1.8)	35.6	(0.5)	35.4	(1.5)	0.2	(1.6)	Brazil	54.7	(0.5)	53.5	(2.8)	1.2	(2.9)	17.5	(0.3)	19.6	(2.1)	-2.1	(2.0)	27.8	(0.3)	27.0	(2.5)	0.9	(2.6)	Bulgaria	52.0	(0.5)	c	c	c	c	15.3	(0.4)	c	c	c	c	32.7	(0.4)	c	c	c	c	Chile	57.5	(0.6)	c	c	c	c	15.1	(0.5)	c	c	c	c	27.4	(0.4)	c	c	c	c	Colombia	60.5	(0.6)	c	c	c	c	14.3	(0.4)	c	c	c	c	25.2	(0.4)	c	c	c	c	Croatia	67.0	(0.4)	65.8	(1.0)	1.2	(1.1)	5.8	(0.3)	5.5	(0.5)	0.3	(0.6)	27.2	(0.4)	28.7	(0.9)	-1.5	(1.0)	Estonia	62.0	(0.5)	61.5	(1.0)	0.5	(1.1)	12.8	(0.4)	14.1	(0.8)	-1.3	(0.8)	25.2	(0.3)	24.4	(0.7)	0.8	(0.8)	Hong Kong-China	71.0	(0.5)	71.0	(0.6)	0.0	(0.8)	9.3	(0.4)	8.7	(0.4)	0.6	(0.5)	19.7	(0.4)	20.3	(0.4)	-0.7	(0.5)	Indonesia	56.4	(0.7)	51.7	(8.8)	4.7	(8.8)	16.7	(0.6)	14.4	(3.1)	2.3	(3.1)	27.0	(0.3)	34.0	(6.7)	-7.0	(6.7)	Israel	54.8	(0.6)	53.2	(1.0)	1.6	(1.1)	19.4	(0.5)	19.6	(0.7)	-0.2	(0.9)	25.8	(0.5)	27.2	(0.9)	-1.4	(0.9)	Jordan	44.4	(0.7)	45.1	(0.9)	-0.6	(0.9)	22.2	(0.5)	21.1	(0.8)	1.1	(0.9)	33.4	(0.4)	33.9	(0.7)	-0.5	(0.8)	Kyrgyzstan	39.9	(0.5)	47.4	(2.0)	-7.5	(2.1)	26.1	(0.4)	17.5	(2.1)	8.6	(2.1)	34.1	(0.4)	35.1	(1.9)	-1.1	(2.0)	Latvia	59.5	(0.4)	56.4	(1.0)	3.0	(1.0)	11.3	(0.4)	12.7	(0.8)	-1.4	(0.8)	29.3	(0.4)	30.9	(0.8)	-1.6	(0.8)	Liechtenstein	71.8	(1.3)	66.6	(2.3)	5.1	(2.6)	4.4	(0.7)	7.6	(1.1)	-3.2	(1.2)	23.9	(1.1)	25.8	(1.8)	-1.9	(2.1)	Lithuania	62.4	(0.4)	62.4	(2.0)	-0.0	(2.0)	9.7	(0.3)	10.9	(1.1)	-1.2	(1.2)	27.9	(0.3)	26.6	(1.7)	1.2	(1.6)	Macao-China	70.6	(0.7)	71.9	(0.4)	-1.3	(0.8)	11.7	(0.4)	10.8	(0.3)	0.8	(0.5)	17.7	(0.5)	17.2	(0.3)	0.5	(0.5)	Montenegro	53.3	(0.4)	51.8	(1.9)	1.5	(2.0)	11.3	(0.3)	11.3	(1.6)	0.0	(1.5)	35.4	(0.4)	36.9	(1.7)	-1.5	(1.7)	Qatar	43.5	(0.5)	47.0	(0.5)	-3.5	(0.7)	25.0	(0.4)	21.2	(0.4)	3.7	(0.6)	31.6	(0.4)	31.8	(0.4)	-0.2	(0.6)	Romania	50.6	(0.6)	c	c	c	c	19.7	(0.4)	c	c	c	c	29.6	(0.3)	c	c	c	c	Russian Federation	48.2	(0.6)	49.0	(1.1)	-0.8	(0.9)	16.5	(0.6)	14.9	(1.0)	1.6	(0.9)	35.3	(0.5)	36.2	(1.0)	-0.9	(0.8)	Serbia	60.3	(0.5)	60.1	(1.6)	0.2	(1.7)	12.9	(0.4)	11.4	(1.0)	1.5	(1.0)	26.8	(0.3)	28.5	(1.3)	-1.7	(1.3)	Slovenia	61.0	(0.4)	59.4	(1.0)	1.7	(1.1)	11.9	(0.3)	12.7	(0.8)	-0.7	(0.9)	27.0	(0.3)	28.0	(0.9)	-0.9	(1.0)	Chinese Taipei	66.2	(0.3)	64.2	(4.9)	2.0	(4.9)	8.8	(0.2)	12.1	(2.4)	-3.3	(2.4)	25.0	(0.2)	23.6	(3.4)	1.4	(3.4)	Thailand	62.6	(0.4)	c	c	c	c	7.2	(0.3)	c	c	c	c	30.2	(0.3)	c	c	c	c	Tunisia	45.8	(0.7)	38.7	(3.8)	7.1	(3.8)	23.6	(0.5)	31.4	(3.9)	-7.9	(3.8)	30.6	(0.5)	29.9	(3.3)	0.8	(3.3)	Uruguay	61.2	(0.5)	c	c	c	c	11.0	(0.4)	c	c	c	c	27.8	(0.4)	c	c	c	c
Australia	68.2	(0.3)	63.4	(0.5)	4.8	(0.6)	7.6	(0.2)	10.5	(0.3)	-2.9	(0.4)	24.2	(0.2)	26.1	(0.4)	-1.9	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Austria	66.4	(0.5)	60.1	(0.9)	6.3	(0.9)	2.9	(0.2)	6.4	(0.7)	-3.6	(0.6)	30.7	(0.4)	33.5	(0.7)	-2.7	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Belgium	67.8	(0.3)	64.0	(1.0)	3.8	(1.1)	6.4	(0.2)	11.8	(0.7)	-5.4	(0.7)	25.8	(0.2)	24.2	(0.6)	1.6	(0.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Canada	67.5	(0.3)	59.3	(0.8)	8.2	(1.0)	10.0	(0.2)	13.1	(0.5)	-3.1	(0.5)	22.5	(0.2)	27.6	(0.6)	-5.1	(0.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Czech Republic	71.7	(0.4)	68.3	(2.8)	3.4	(2.8)	8.9	(0.2)	11.6	(1.8)	-2.7	(1.9)	19.4	(0.4)	20.0	(1.9)	-0.7	(1.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Denmark	62.6	(0.3)	56.5	(1.2)	6.1	(1.2)	15.6	(0.2)	20.2	(0.9)	-4.6	(0.9)	21.8	(0.2)	23.3	(0.7)	-1.5	(0.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Finland	70.9	(0.4)	61.9	(3.0)	9.0	(2.9)	6.0	(0.2)	12.9	(1.7)	-6.9	(1.7)	23.0	(0.3)	25.2	(2.6)	-2.1	(2.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
France	67.7	(0.4)	61.7	(1.1)	6.0	(1.2)	10.1	(0.3)	14.8	(0.8)	-4.7	(0.9)	22.2	(0.3)	23.5	(0.7)	-1.3	(0.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Germany	63.0	(0.4)	57.8	(1.3)	5.3	(1.3)	7.2	(0.3)	12.0	(0.9)	-4.9	(1.0)	29.8	(0.3)	30.2	(0.7)	-0.4	(0.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Greece	51.1	(0.6)	52.3	(1.4)	-1.2	(1.5)	21.8	(0.4)	18.8	(1.4)	3.0	(1.4)	27.2	(0.4)	28.9	(1.1)	-1.7	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Hungary	53.3	(0.4)	53.6	(3.2)	-0.3	(3.3)	18.2	(0.3)	18.0	(2.0)	0.2	(2.0)	28.5	(0.3)	28.4	(2.7)	0.1	(2.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Iceland	71.9	(0.3)	63.7	(3.2)	8.3	(3.2)	5.8	(0.2)	13.3	(2.4)	-7.5	(2.4)	22.2	(0.2)	23.1	(2.2)	-0.8	(2.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Ireland	64.6	(0.5)	61.0	(1.5)	3.6	(1.5)	8.0	(0.3)	9.7	(1.1)	-1.7	(1.1)	27.5	(0.4)	29.3	(1.1)	-1.8	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Italy	57.5	(0.3)	53.6	(1.1)	3.9	(1.1)	8.0	(0.2)	13.2	(0.8)	-5.2	(0.9)	34.5	(0.2)	33.2	(0.8)	1.3	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Japan	78.1	(0.5)	c	c	c	c	6.3	(0.3)	c	c	c	c	15.6	(0.4)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Korea	66.4	(0.5)	c	c	c	c	16.5	(0.4)	c	c	c	c	17.2	(0.2)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Luxembourg	69.2	(0.4)	64.4	(0.7)	4.7	(0.8)	7.2	(0.3)	11.4	(0.4)	-4.2	(0.5)	23.6	(0.3)	24.2	(0.5)	-0.6	(0.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mexico	55.8	(0.4)	43.2	(3.3)	12.5	(3.3)	14.2	(0.3)	21.5	(2.8)	-7.3	(2.8)	30.0	(0.3)	35.3	(2.5)	-5.2	(2.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Netherlands	64.0	(0.4)	55.0	(1.1)	9.0	(1.1)	10.1	(0.3)	17.0	(0.6)	-7.0	(0.7)	25.9	(0.3)	28.0	(0.9)	-2.1	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
New Zealand	72.1	(0.5)	63.1	(0.9)	9.0	(1.0)	6.9	(0.3)	11.8	(0.6)	-4.9	(0.7)	21.0	(0.3)	25.1	(0.5)	-4.1	(0.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Norway	62.8	(0.4)	54.0	(1.7)	8.8	(1.7)	16.1	(0.3)	21.1	(1.2)	-5.0	(1.2)	21.2	(0.3)	24.9	(1.1)	-3.8	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Poland	63.6	(0.3)	c	c	c	c	8.4	(0.3)	c	c	c	c	27.9	(0.3)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Portugal	61.4	(0.4)	57.3	(2.0)	4.1	(2.2)	8.5	(0.3)	11.2	(1.3)	-2.7	(1.3)	30.1	(0.3)	31.5	(1.4)	-1.4	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Slovak Republic	58.9	(0.5)	c	c	c	c	12.7	(0.3)	c	c	c	c	28.4	(0.5)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Spain	63.2	(0.3)	56.8	(1.6)	6.4	(1.5)	7.7	(0.2)	13.3	(1.5)	-5.6	(1.5)	29.2	(0.3)	29.9	(1.1)	-0.8	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Sweden	67.6	(0.6)	60.3	(1.2)	7.3	(1.4)	9.7	(0.2)	14.8	(0.9)	-5.1	(1.0)	22.7	(0.5)	24.9	(0.7)	-2.1	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Switzerland	68.7	(0.4)	63.8	(0.7)	4.9	(0.7)	5.9	(0.3)	10.8	(0.5)	-4.9	(0.6)	25.4	(0.3)	25.4	(0.4)	-0.0	(0.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Turkey	54.7	(0.7)	56.2	(3.5)	-1.5	(3.5)	19.9	(0.4)	18.1	(1.9)	1.7	(1.9)	25.5	(0.3)	25.7	(2.2)	-0.2	(2.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
United Kingdom	68.5	(0.3)	59.1	(1.2)	9.4	(1.3)	7.1	(0.2)	13.8	(1.2)	-6.7	(1.2)	24.3	(0.3)	27.1	(0.8)	-2.7	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
United States	56.8	(0.6)	52.3	(0.9)	4.5	(1.0)	15.3	(0.4)	18.3	(0.7)	-3.1	(0.6)	28.0	(0.4)	29.4	(0.7)	-1.4	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
OECD average	64.5	(0.1)	58.6	(0.4)	5.6	(0.4)	10.3	(0.1)	14.2	(0.3)	-4.0	(0.3)	25.2	(0.1)	27.2	(0.3)	-1.6	(0.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Partners																				Argentina	55.1	(0.7)	59.7	(3.1)	-4.6	(3.1)	8.0	(0.5)	6.9	(1.5)	1.1	(1.5)	36.9	(0.5)	33.4	(2.7)	3.5	(2.8)	Azerbaijan	45.0	(0.6)	46.4	(2.2)	-1.4	(2.2)	19.4	(0.5)	18.2	(1.9)	1.1	(1.8)	35.6	(0.5)	35.4	(1.5)	0.2	(1.6)	Brazil	54.7	(0.5)	53.5	(2.8)	1.2	(2.9)	17.5	(0.3)	19.6	(2.1)	-2.1	(2.0)	27.8	(0.3)	27.0	(2.5)	0.9	(2.6)	Bulgaria	52.0	(0.5)	c	c	c	c	15.3	(0.4)	c	c	c	c	32.7	(0.4)	c	c	c	c	Chile	57.5	(0.6)	c	c	c	c	15.1	(0.5)	c	c	c	c	27.4	(0.4)	c	c	c	c	Colombia	60.5	(0.6)	c	c	c	c	14.3	(0.4)	c	c	c	c	25.2	(0.4)	c	c	c	c	Croatia	67.0	(0.4)	65.8	(1.0)	1.2	(1.1)	5.8	(0.3)	5.5	(0.5)	0.3	(0.6)	27.2	(0.4)	28.7	(0.9)	-1.5	(1.0)	Estonia	62.0	(0.5)	61.5	(1.0)	0.5	(1.1)	12.8	(0.4)	14.1	(0.8)	-1.3	(0.8)	25.2	(0.3)	24.4	(0.7)	0.8	(0.8)	Hong Kong-China	71.0	(0.5)	71.0	(0.6)	0.0	(0.8)	9.3	(0.4)	8.7	(0.4)	0.6	(0.5)	19.7	(0.4)	20.3	(0.4)	-0.7	(0.5)	Indonesia	56.4	(0.7)	51.7	(8.8)	4.7	(8.8)	16.7	(0.6)	14.4	(3.1)	2.3	(3.1)	27.0	(0.3)	34.0	(6.7)	-7.0	(6.7)	Israel	54.8	(0.6)	53.2	(1.0)	1.6	(1.1)	19.4	(0.5)	19.6	(0.7)	-0.2	(0.9)	25.8	(0.5)	27.2	(0.9)	-1.4	(0.9)	Jordan	44.4	(0.7)	45.1	(0.9)	-0.6	(0.9)	22.2	(0.5)	21.1	(0.8)	1.1	(0.9)	33.4	(0.4)	33.9	(0.7)	-0.5	(0.8)	Kyrgyzstan	39.9	(0.5)	47.4	(2.0)	-7.5	(2.1)	26.1	(0.4)	17.5	(2.1)	8.6	(2.1)	34.1	(0.4)	35.1	(1.9)	-1.1	(2.0)	Latvia	59.5	(0.4)	56.4	(1.0)	3.0	(1.0)	11.3	(0.4)	12.7	(0.8)	-1.4	(0.8)	29.3	(0.4)	30.9	(0.8)	-1.6	(0.8)	Liechtenstein	71.8	(1.3)	66.6	(2.3)	5.1	(2.6)	4.4	(0.7)	7.6	(1.1)	-3.2	(1.2)	23.9	(1.1)	25.8	(1.8)	-1.9	(2.1)	Lithuania	62.4	(0.4)	62.4	(2.0)	-0.0	(2.0)	9.7	(0.3)	10.9	(1.1)	-1.2	(1.2)	27.9	(0.3)	26.6	(1.7)	1.2	(1.6)	Macao-China	70.6	(0.7)	71.9	(0.4)	-1.3	(0.8)	11.7	(0.4)	10.8	(0.3)	0.8	(0.5)	17.7	(0.5)	17.2	(0.3)	0.5	(0.5)	Montenegro	53.3	(0.4)	51.8	(1.9)	1.5	(2.0)	11.3	(0.3)	11.3	(1.6)	0.0	(1.5)	35.4	(0.4)	36.9	(1.7)	-1.5	(1.7)	Qatar	43.5	(0.5)	47.0	(0.5)	-3.5	(0.7)	25.0	(0.4)	21.2	(0.4)	3.7	(0.6)	31.6	(0.4)	31.8	(0.4)	-0.2	(0.6)	Romania	50.6	(0.6)	c	c	c	c	19.7	(0.4)	c	c	c	c	29.6	(0.3)	c	c	c	c	Russian Federation	48.2	(0.6)	49.0	(1.1)	-0.8	(0.9)	16.5	(0.6)	14.9	(1.0)	1.6	(0.9)	35.3	(0.5)	36.2	(1.0)	-0.9	(0.8)	Serbia	60.3	(0.5)	60.1	(1.6)	0.2	(1.7)	12.9	(0.4)	11.4	(1.0)	1.5	(1.0)	26.8	(0.3)	28.5	(1.3)	-1.7	(1.3)	Slovenia	61.0	(0.4)	59.4	(1.0)	1.7	(1.1)	11.9	(0.3)	12.7	(0.8)	-0.7	(0.9)	27.0	(0.3)	28.0	(0.9)	-0.9	(1.0)	Chinese Taipei	66.2	(0.3)	64.2	(4.9)	2.0	(4.9)	8.8	(0.2)	12.1	(2.4)	-3.3	(2.4)	25.0	(0.2)	23.6	(3.4)	1.4	(3.4)	Thailand	62.6	(0.4)	c	c	c	c	7.2	(0.3)	c	c	c	c	30.2	(0.3)	c	c	c	c	Tunisia	45.8	(0.7)	38.7	(3.8)	7.1	(3.8)	23.6	(0.5)	31.4	(3.9)	-7.9	(3.8)	30.6	(0.5)	29.9	(3.3)	0.8	(3.3)	Uruguay	61.2	(0.5)	c	c	c	c	11.0	(0.4)	c	c	c	c	27.8	(0.4)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Argentina	55.1	(0.7)	59.7	(3.1)	-4.6	(3.1)	8.0	(0.5)	6.9	(1.5)	1.1	(1.5)	36.9	(0.5)	33.4	(2.7)	3.5	(2.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Azerbaijan	45.0	(0.6)	46.4	(2.2)	-1.4	(2.2)	19.4	(0.5)	18.2	(1.9)	1.1	(1.8)	35.6	(0.5)	35.4	(1.5)	0.2	(1.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Brazil	54.7	(0.5)	53.5	(2.8)	1.2	(2.9)	17.5	(0.3)	19.6	(2.1)	-2.1	(2.0)	27.8	(0.3)	27.0	(2.5)	0.9	(2.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Bulgaria	52.0	(0.5)	c	c	c	c	15.3	(0.4)	c	c	c	c	32.7	(0.4)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Chile	57.5	(0.6)	c	c	c	c	15.1	(0.5)	c	c	c	c	27.4	(0.4)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Colombia	60.5	(0.6)	c	c	c	c	14.3	(0.4)	c	c	c	c	25.2	(0.4)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Croatia	67.0	(0.4)	65.8	(1.0)	1.2	(1.1)	5.8	(0.3)	5.5	(0.5)	0.3	(0.6)	27.2	(0.4)	28.7	(0.9)	-1.5	(1.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Estonia	62.0	(0.5)	61.5	(1.0)	0.5	(1.1)	12.8	(0.4)	14.1	(0.8)	-1.3	(0.8)	25.2	(0.3)	24.4	(0.7)	0.8	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Hong Kong-China	71.0	(0.5)	71.0	(0.6)	0.0	(0.8)	9.3	(0.4)	8.7	(0.4)	0.6	(0.5)	19.7	(0.4)	20.3	(0.4)	-0.7	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Indonesia	56.4	(0.7)	51.7	(8.8)	4.7	(8.8)	16.7	(0.6)	14.4	(3.1)	2.3	(3.1)	27.0	(0.3)	34.0	(6.7)	-7.0	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Israel	54.8	(0.6)	53.2	(1.0)	1.6	(1.1)	19.4	(0.5)	19.6	(0.7)	-0.2	(0.9)	25.8	(0.5)	27.2	(0.9)	-1.4	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Jordan	44.4	(0.7)	45.1	(0.9)	-0.6	(0.9)	22.2	(0.5)	21.1	(0.8)	1.1	(0.9)	33.4	(0.4)	33.9	(0.7)	-0.5	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Kyrgyzstan	39.9	(0.5)	47.4	(2.0)	-7.5	(2.1)	26.1	(0.4)	17.5	(2.1)	8.6	(2.1)	34.1	(0.4)	35.1	(1.9)	-1.1	(2.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Latvia	59.5	(0.4)	56.4	(1.0)	3.0	(1.0)	11.3	(0.4)	12.7	(0.8)	-1.4	(0.8)	29.3	(0.4)	30.9	(0.8)	-1.6	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Liechtenstein	71.8	(1.3)	66.6	(2.3)	5.1	(2.6)	4.4	(0.7)	7.6	(1.1)	-3.2	(1.2)	23.9	(1.1)	25.8	(1.8)	-1.9	(2.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Lithuania	62.4	(0.4)	62.4	(2.0)	-0.0	(2.0)	9.7	(0.3)	10.9	(1.1)	-1.2	(1.2)	27.9	(0.3)	26.6	(1.7)	1.2	(1.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Macao-China	70.6	(0.7)	71.9	(0.4)	-1.3	(0.8)	11.7	(0.4)	10.8	(0.3)	0.8	(0.5)	17.7	(0.5)	17.2	(0.3)	0.5	(0.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Montenegro	53.3	(0.4)	51.8	(1.9)	1.5	(2.0)	11.3	(0.3)	11.3	(1.6)	0.0	(1.5)	35.4	(0.4)	36.9	(1.7)	-1.5	(1.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Qatar	43.5	(0.5)	47.0	(0.5)	-3.5	(0.7)	25.0	(0.4)	21.2	(0.4)	3.7	(0.6)	31.6	(0.4)	31.8	(0.4)	-0.2	(0.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Romania	50.6	(0.6)	c	c	c	c	19.7	(0.4)	c	c	c	c	29.6	(0.3)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Russian Federation	48.2	(0.6)	49.0	(1.1)	-0.8	(0.9)	16.5	(0.6)	14.9	(1.0)	1.6	(0.9)	35.3	(0.5)	36.2	(1.0)	-0.9	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Serbia	60.3	(0.5)	60.1	(1.6)	0.2	(1.7)	12.9	(0.4)	11.4	(1.0)	1.5	(1.0)	26.8	(0.3)	28.5	(1.3)	-1.7	(1.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Slovenia	61.0	(0.4)	59.4	(1.0)	1.7	(1.1)	11.9	(0.3)	12.7	(0.8)	-0.7	(0.9)	27.0	(0.3)	28.0	(0.9)	-0.9	(1.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Chinese Taipei	66.2	(0.3)	64.2	(4.9)	2.0	(4.9)	8.8	(0.2)	12.1	(2.4)	-3.3	(2.4)	25.0	(0.2)	23.6	(3.4)	1.4	(3.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Thailand	62.6	(0.4)	c	c	c	c	7.2	(0.3)	c	c	c	c	30.2	(0.3)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Tunisia	45.8	(0.7)	38.7	(3.8)	7.1	(3.8)	23.6	(0.5)	31.4	(3.9)	-7.9	(3.8)	30.6	(0.5)	29.9	(3.3)	0.8	(3.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Uruguay	61.2	(0.5)	c	c	c	c	11.0	(0.4)	c	c	c	c	27.8	(0.4)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.8d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status

[Part 1/3]

		Mean learning hours per week															
		Regular school lessons								Out-of-school-time lessons							
		Native students		Students with an immigrant background		Difference (native-immigrant)		Difference after accounting for ESCS and school average ESCS (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Difference after accounting for ESCS and school average ESCS (native-immigrant)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	11.25	(0.08)	12.04	(0.14)	-0.79	(0.16)	-0.71	(0.15)	1.52	(0.03)	2.54	(0.10)	-1.01	(0.10)	-1.05	(0.10)
	Austria	8.53	(0.10)	8.70	(0.16)	-0.16	(0.18)	-0.65	(0.22)	0.85	(0.04)	1.58	(0.13)	-0.74	(0.13)	-0.65	(0.14)
	Belgium	9.77	(0.09)	9.34	(0.27)	0.42	(0.27)	-1.00	(0.29)	1.21	(0.03)	2.04	(0.12)	-0.83	(0.13)	-0.71	(0.13)
	Canada	13.00	(0.11)	12.87	(0.22)	0.13	(0.22)	0.17	(0.21)	2.11	(0.04)	3.17	(0.11)	-1.07	(0.11)	-1.11	(0.11)
	Czech Republic	10.67	(0.11)	10.38	(0.38)	0.29	(0.38)	0.13	(0.38)	1.87	(0.04)	2.51	(0.37)	-0.64	(0.39)	-0.63	(0.38)
	Denmark	13.20	(0.08)	12.69	(0.25)	0.51	(0.25)	0.15	(0.25)	3.74	(0.06)	5.01	(0.23)	-1.27	(0.23)	-1.28	(0.23)
	Finland	9.74	(0.11)	8.84	(0.62)	0.90	(0.62)	0.73	(0.62)	1.03	(0.04)	2.03	(0.35)	-0.99	(0.34)	-1.01	(0.35)
	France	10.83	(0.10)	10.09	(0.27)	0.74	(0.26)	0.10	(0.22)	2.13	(0.04)	2.99	(0.15)	-0.86	(0.16)	-0.83	(0.16)
	Germany	10.66	(0.09)	10.40	(0.20)	0.26	(0.21)	-0.17	(0.21)	1.77	(0.05)	2.72	(0.19)	-0.95	(0.19)	-0.70	(0.19)
	Greece	9.96	(0.12)	8.55	(0.34)	1.40	(0.32)	0.66	(0.33)	6.00	(0.11)	3.95	(0.27)	2.04	(0.28)	1.62	(0.29)
	Hungary	9.01	(0.10)	8.97	(0.62)	0.03	(0.62)	0.35	(0.62)	3.58	(0.06)	3.57	(0.48)	0.02	(0.48)	-0.08	(0.47)
	Iceland	12.24	(0.06)	11.83	(0.58)	0.41	(0.57)	0.25	(0.56)	1.43	(0.04)	2.51	(0.42)	-1.08	(0.42)	-1.12	(0.42)
	Ireland	9.71	(0.09)	10.24	(0.29)	-0.53	(0.30)	-0.49	(0.29)	1.60	(0.05)	2.39	(0.27)	-0.78	(0.28)	-0.74	(0.27)
	Italy	11.33	(0.09)	10.72	(0.28)	0.61	(0.29)	0.49	(0.27)	2.21	(0.04)	2.81	(0.17)	-0.60	(0.18)	-0.64	(0.17)
	Japan	10.76	(0.13)	c	c	c	c	c	c	1.39	(0.05)	c	c	c	c	c	c
	Korea	12.79	(0.11)	c	c	c	c	c	c	4.76	(0.08)	c	c	c	c	c	c
	Luxembourg	9.77	(0.07)	9.64	(0.10)	0.13	(0.12)	-0.39	(0.13)	1.70	(0.04)	2.31	(0.08)	-0.61	(0.09)	-0.47	(0.10)
	Mexico	10.99	(0.10)	8.61	(0.82)	2.38	(0.82)	1.81	(0.84)	3.23	(0.08)	4.35	(0.61)	-1.13	(0.61)	-0.70	(0.62)
	Netherlands	8.01	(0.07)	7.74	(0.24)	0.26	(0.26)	-0.38	(0.22)	1.74	(0.05)	2.95	(0.14)	-1.20	(0.15)	-1.01	(0.18)
	New Zealand	12.88	(0.10)	12.73	(0.18)	0.16	(0.21)	0.24	(0.17)	1.43	(0.06)	2.84	(0.13)	-1.42	(0.14)	-1.43	(0.14)
	Norway	9.63	(0.08)	9.75	(0.28)	-0.12	(0.28)	-0.25	(0.30)	3.05	(0.05)	4.30	(0.25)	-1.25	(0.24)	-1.35	(0.24)
	Poland	11.74	(0.09)	c	c	c	c	c	c	2.10	(0.06)	c	c	c	c	c	c
	Portugal	10.17	(0.10)	9.20	(0.34)	0.97	(0.35)	1.03	(0.28)	1.97	(0.05)	2.33	(0.22)	-0.36	(0.23)	-0.38	(0.22)
	Slovak Republic	8.88	(0.14)	c	c	c	c	c	c	2.40	(0.07)	c	c	c	c	c	c
	Spain	10.23	(0.09)	9.31	(0.25)	0.92	(0.26)	0.70	(0.23)	2.22	(0.06)	2.30	(0.16)	-0.08	(0.18)	-0.06	(0.17)
	Sweden	9.03	(0.07)	9.03	(0.20)	-0.00	(0.19)	-0.05	(0.19)	1.66	(0.03)	2.77	(0.18)	-1.11	(0.18)	-1.03	(0.16)
	Switzerland	9.96	(0.10)	9.65	(0.11)	0.30	(0.12)	0.05	(0.13)	1.37	(0.05)	2.23	(0.11)	-0.86	(0.12)	-0.81	(0.12)
	Turkey	10.71	(0.16)	10.83	(0.62)	-0.12	(0.59)	0.54	(0.59)	5.25	(0.09)	4.26	(0.91)	0.99	(0.91)	1.31	(0.91)
United Kingdom	11.93	(0.09)	12.17	(0.29)	-0.24	(0.29)	-0.49	(0.29)	1.53	(0.03)	3.36	(0.22)	-1.83	(0.22)	-1.85	(0.20)	
United States	11.15	(0.13)	10.11	(0.21)	1.04	(0.22)	-0.02	(0.25)	2.91	(0.07)	3.54	(0.14)	-0.63	(0.15)	-0.46	(0.16)	
OECD average	10.62	(0.02)	10.17	(0.07)	0.38	(0.07)	0.11	(0.07)	2.33	(0.01)	2.98	(0.06)	-0.70	(0.06)	-0.66	(0.06)	
Partners	Argentina	7.63	(0.16)	7.34	(0.56)	0.29	(0.54)	-0.01	(0.52)	1.66	(0.07)	1.28	(0.20)	0.38	(0.21)	0.38	(0.22)
	Azerbaijan	10.42	(0.12)	10.81	(0.76)	-0.39	(0.75)	-0.17	(0.67)	4.86	(0.10)	5.15	(0.35)	-0.30	(0.34)	-0.32	(0.33)
	Brazil	8.54	(0.09)	6.83	(0.45)	1.71	(0.46)	1.44	(0.44)	3.14	(0.07)	2.88	(0.29)	0.26	(0.28)	0.21	(0.28)
	Bulgaria	8.59	(0.16)	c	c	c	c	c	c	3.17	(0.08)	c	c	c	c	c	c
	Chile	9.30	(0.17)	c	c	c	c	c	c	2.80	(0.06)	c	c	c	c	c	c
	Colombia	11.74	(0.20)	c	c	c	c	c	c	3.32	(0.07)	c	c	c	c	c	c
	Croatia	8.44	(0.09)	8.42	(0.16)	0.02	(0.17)	-0.17	(0.16)	1.55	(0.05)	1.63	(0.11)	-0.07	(0.11)	-0.12	(0.11)
	Estonia	10.97	(0.10)	11.05	(0.22)	-0.08	(0.23)	-0.13	(0.24)	2.56	(0.07)	3.01	(0.13)	-0.45	(0.13)	-0.42	(0.13)
	Hong Kong-China	13.52	(0.13)	13.67	(0.15)	-0.16	(0.17)	-0.73	(0.16)	3.36	(0.10)	2.72	(0.11)	0.65	(0.13)	0.40	(0.15)
	Indonesia	11.00	(0.17)	7.14	(0.83)	3.86	(0.84)	3.26	(0.79)	3.65	(0.11)	3.48	(0.68)	0.17	(0.69)	0.10	(0.68)
	Israel	9.56	(0.11)	9.84	(0.21)	-0.28	(0.21)	-0.54	(0.21)	4.35	(0.09)	4.55	(0.14)	-0.20	(0.17)	-0.15	(0.16)
	Jordan	10.39	(0.15)	10.75	(0.24)	-0.36	(0.28)	0.04	(0.30)	5.09	(0.11)	5.01	(0.19)	0.08	(0.20)	0.04	(0.20)
	Kyrgyzstan	7.81	(0.15)	8.77	(0.49)	-0.96	(0.48)	-0.42	(0.44)	4.60	(0.09)	3.77	(0.46)	0.83	(0.44)	0.58	(0.42)
	Latvia	11.11	(0.11)	10.72	(0.26)	0.40	(0.26)	0.50	(0.25)	2.70	(0.08)	3.09	(0.15)	-0.39	(0.18)	-0.43	(0.17)
	Liechtenstein	10.43	(0.24)	9.91	(0.35)	0.52	(0.43)	0.21	(0.42)	1.13	(0.12)	1.77	(0.19)	-0.64	(0.22)	-0.34	(0.20)
	Lithuania	9.88	(0.10)	10.24	(0.47)	-0.36	(0.46)	-0.22	(0.44)	1.92	(0.05)	2.01	(0.22)	-0.10	(0.24)	-0.18	(0.24)
	Macao-China	14.14	(0.16)	14.64	(0.09)	-0.50	(0.19)	-0.76	(0.21)	3.35	(0.13)	3.20	(0.08)	0.16	(0.14)	0.10	(0.14)
	Montenegro	8.95	(0.09)	8.36	(0.34)	0.59	(0.35)	0.83	(0.32)	2.68	(0.05)	2.38	(0.21)	0.29	(0.22)	0.27	(0.22)
	Qatar	7.85	(0.10)	9.95	(0.11)	-2.10	(0.15)	-1.98	(0.15)	4.94	(0.08)	4.71	(0.10)	0.24	(0.13)	0.16	(0.13)
	Romania	8.57	(0.15)	c	c	c	c	c	c	4.04	(0.07)	c	c	c	c	c	c
	Russian Federation	9.43	(0.14)	9.41	(0.24)	0.02	(0.24)	0.08	(0.25)	3.07	(0.07)	2.95	(0.16)	0.12	(0.15)	0.08	(0.15)
	Serbia	9.34	(0.11)	9.21	(0.24)	0.13	(0.25)	0.40	(0.23)	2.65	(0.06)	2.61	(0.18)	0.04	(0.18)	-0.01	(0.18)
	Slovenia	9.47	(0.07)	8.77	(0.25)	0.70	(0.26)	0.27	(0.26)	2.45	(0.05)	2.51	(0.12)	-0.06	(0.13)	0.10	(0.14)
	Chinese Taipei	11.59	(0.14)	8.84	(0.98)	2.75	(0.96)	2.65	(0.82)	3.01	(0.06)	3.08	(0.58)	-0.07	(0.57)	-0.16	(0.54)
	Thailand	10.73	(0.08)	c	c	c	c	c	c	2.39	(0.07)	c	c	c	c	c	c
	Tunisia	9.21	(0.12)	8.33	(0.81)	0.88	(0.83)	0.58	(0.87)	6.09	(0.06)	6.69	(0.76)	-0.60	(0.77)	-0.49	(0.76)
	Uruguay	8.53	(0.09)	c	c	c	c	c	c	2.06	(0.06)	c	c	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.8d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status

[Part 2/3]

	Mean learning hours per week														
	Individual study								Total learning hours						
	Native students		Students with an immigrant background		Difference (native-immigrant)		Difference after accounting for ESCS and school average ESCS (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	4.34	(0.05)	5.85	(0.12)	-1.51	(0.12)	-1.46	(0.13)	17.13	(0.11)	20.40	(0.27)	-3.27	(0.29)
	Austria	4.77	(0.08)	6.04	(0.18)	-1.27	(0.20)	-1.21	(0.20)	14.19	(0.17)	16.39	(0.33)	-2.20	(0.37)
	Belgium	4.39	(0.05)	4.44	(0.16)	-0.05	(0.15)	-0.74	(0.17)	15.41	(0.13)	15.71	(0.44)	-0.30	(0.44)
	Canada	4.90	(0.06)	6.64	(0.20)	-1.74	(0.20)	-1.69	(0.20)	20.12	(0.16)	22.60	(0.41)	-2.49	(0.41)
	Czech Republic	3.45	(0.05)	3.94	(0.43)	-0.49	(0.42)	-0.50	(0.42)	15.97	(0.16)	16.79	(0.84)	-0.82	(0.86)
	Denmark	4.92	(0.06)	5.93	(0.21)	-1.01	(0.21)	-1.32	(0.21)	21.83	(0.15)	23.32	(0.48)	-1.49	(0.47)
	Finland	3.40	(0.05)	3.76	(0.31)	-0.36	(0.30)	-0.51	(0.30)	14.16	(0.16)	14.65	(0.82)	-0.49	(0.82)
	France	4.53	(0.08)	4.91	(0.20)	-0.39	(0.20)	-0.76	(0.20)	17.53	(0.15)	18.03	(0.41)	-0.51	(0.41)
	Germany	5.79	(0.08)	6.32	(0.19)	-0.52	(0.20)	-0.53	(0.20)	18.28	(0.16)	19.26	(0.37)	-0.98	(0.39)
	Greece	5.84	(0.09)	4.93	(0.25)	0.91	(0.25)	0.56	(0.26)	21.82	(0.24)	17.43	(0.74)	4.39	(0.73)
	Hungary	5.29	(0.08)	5.16	(0.38)	0.13	(0.38)	0.20	(0.39)	17.89	(0.20)	17.83	(1.20)	0.06	(1.19)
	Iceland	4.42	(0.05)	4.92	(0.51)	-0.50	(0.51)	-0.60	(0.52)	18.10	(0.09)	19.35	(0.85)	-1.25	(0.84)
	Ireland	4.65	(0.08)	5.50	(0.27)	-0.85	(0.27)	-0.74	(0.27)	15.95	(0.16)	18.01	(0.58)	-2.06	(0.61)
	Italy	7.56	(0.08)	7.31	(0.26)	0.25	(0.27)	0.04	(0.25)	21.11	(0.17)	20.88	(0.48)	0.23	(0.49)
	Japan	3.11	(0.09)	c	c	c	c	c	c	15.26	(0.22)	c	c	c	c
	Korea	4.95	(0.12)	c	c	c	c	c	c	22.55	(0.25)	c	c	c	c
	Luxembourg	4.26	(0.06)	4.42	(0.09)	-0.16	(0.11)	-0.12	(0.12)	15.74	(0.12)	16.35	(0.18)	-0.62	(0.22)
	Mexico	6.41	(0.08)	6.71	(0.56)	-0.30	(0.55)	-0.23	(0.54)	20.50	(0.19)	19.53	(1.21)	0.97	(1.21)
	Netherlands	3.91	(0.06)	4.62	(0.15)	-0.72	(0.15)	-1.09	(0.17)	13.63	(0.13)	15.24	(0.44)	-1.61	(0.46)
	New Zealand	4.04	(0.08)	5.87	(0.13)	-1.84	(0.16)	-1.76	(0.16)	18.37	(0.16)	21.43	(0.27)	-3.06	(0.33)
	Norway	3.99	(0.06)	5.27	(0.25)	-1.28	(0.25)	-1.56	(0.24)	16.65	(0.12)	19.32	(0.50)	-2.67	(0.50)
	Poland	6.36	(0.07)	c	c	c	c	c	c	20.23	(0.14)	c	c	c	c
	Portugal	5.80	(0.08)	6.22	(0.37)	-0.42	(0.38)	-0.39	(0.37)	17.97	(0.17)	17.81	(0.76)	0.16	(0.78)
	Slovak Republic	4.81	(0.09)	c	c	c	c	c	c	16.13	(0.25)	c	c	c	c
	Spain	5.58	(0.08)	5.59	(0.23)	-0.01	(0.23)	-0.15	(0.24)	18.15	(0.17)	17.21	(0.33)	0.94	(0.37)
	Sweden	3.47	(0.05)	4.55	(0.16)	-1.08	(0.17)	-1.22	(0.19)	14.14	(0.10)	16.42	(0.36)	-2.28	(0.33)
	Switzerland	4.08	(0.05)	4.61	(0.10)	-0.53	(0.11)	-0.55	(0.12)	15.40	(0.15)	16.53	(0.21)	-1.13	(0.26)
	Turkey	6.14	(0.09)	5.37	(0.72)	0.77	(0.73)	0.94	(0.72)	21.99	(0.29)	20.38	(2.16)	1.60	(2.17)
	United Kingdom	4.39	(0.06)	5.89	(0.16)	-1.50	(0.16)	-1.81	(0.16)	17.87	(0.13)	21.43	(0.39)	-3.56	(0.38)
	United States	5.56	(0.08)	5.79	(0.18)	-0.23	(0.21)	-0.90	(0.21)	19.76	(0.16)	19.43	(0.40)	0.33	(0.43)
	OECD average	4.84	(0.01)	5.41	(0.06)	-0.56	(0.06)	-0.70	(0.06)	17.79	(0.03)	18.53	(0.14)	-0.85	(0.14)
Partners	Argentina	5.04	(0.10)	4.52	(0.32)	0.52	(0.33)	0.42	(0.34)	14.34	(0.24)	13.30	(0.81)	1.04	(0.81)
	Azerbaijan	8.74	(0.14)	9.10	(0.39)	-0.36	(0.40)	-0.35	(0.42)	24.16	(0.27)	25.09	(1.11)	-0.93	(1.11)
	Brazil	5.21	(0.07)	4.93	(0.42)	0.27	(0.42)	0.23	(0.42)	16.84	(0.17)	14.68	(0.95)	2.16	(0.94)
	Bulgaria	6.15	(0.16)	c	c	c	c	c	c	17.99	(0.33)	c	c	c	c
	Chile	4.68	(0.08)	c	c	c	c	c	c	16.88	(0.23)	c	c	c	c
	Colombia	5.57	(0.10)	c	c	c	c	c	c	20.62	(0.27)	c	c	c	c
	Croatia	4.83	(0.07)	4.96	(0.19)	-0.13	(0.20)	-0.19	(0.20)	14.91	(0.15)	15.09	(0.34)	-0.18	(0.34)
	Estonia	5.07	(0.07)	5.51	(0.22)	-0.43	(0.24)	-0.46	(0.24)	18.62	(0.16)	19.66	(0.40)	-1.05	(0.45)
	Hong Kong-China	5.33	(0.10)	5.35	(0.13)	-0.02	(0.15)	-0.46	(0.16)	22.19	(0.24)	21.75	(0.29)	0.44	(0.33)
	Indonesia	5.56	(0.08)	5.94	(0.66)	-0.38	(0.66)	-0.39	(0.66)	20.17	(0.25)	16.42	(1.23)	3.74	(1.23)
	Israel	5.34	(0.12)	5.24	(0.17)	0.10	(0.18)	0.16	(0.18)	19.32	(0.27)	19.71	(0.42)	-0.39	(0.43)
	Jordan	7.89	(0.12)	8.11	(0.23)	-0.21	(0.24)	-0.23	(0.23)	23.39	(0.24)	23.65	(0.51)	-0.26	(0.56)
	Kyrgyzstan	6.73	(0.09)	6.56	(0.42)	0.17	(0.42)	0.08	(0.43)	19.26	(0.25)	19.16	(0.98)	0.10	(0.94)
	Latvia	6.25	(0.09)	6.32	(0.21)	-0.07	(0.23)	-0.07	(0.22)	20.06	(0.20)	20.16	(0.46)	-0.11	(0.53)
	Liechtenstein	3.87	(0.18)	4.00	(0.30)	-0.14	(0.36)	-0.11	(0.37)	15.50	(0.33)	15.48	(0.45)	0.02	(0.62)
	Lithuania	5.28	(0.07)	5.27	(0.42)	0.01	(0.41)	0.06	(0.40)	17.06	(0.14)	17.55	(0.74)	-0.49	(0.72)
	Macao-China	5.09	(0.14)	4.87	(0.08)	0.22	(0.16)	-0.30	(0.16)	22.60	(0.31)	22.69	(0.17)	-0.10	(0.34)
	Montenegro	6.17	(0.08)	6.50	(0.32)	-0.33	(0.32)	-0.25	(0.32)	17.75	(0.17)	17.15	(0.68)	0.61	(0.70)
	Qatar	5.80	(0.08)	6.92	(0.10)	-1.12	(0.14)	-1.15	(0.14)	18.60	(0.20)	21.65	(0.24)	-3.05	(0.31)
	Romania	5.96	(0.10)	c	c	c	c	c	c	18.57	(0.26)	c	c	c	c
	Russian Federation	6.65	(0.12)	6.71	(0.26)	-0.06	(0.23)	-0.03	(0.24)	19.15	(0.24)	18.99	(0.53)	0.16	(0.53)
	Serbia	5.23	(0.08)	5.20	(0.20)	0.03	(0.21)	0.13	(0.21)	17.22	(0.20)	16.94	(0.40)	0.28	(0.44)
	Slovenia	4.98	(0.06)	4.62	(0.18)	0.36	(0.19)	0.30	(0.18)	16.94	(0.12)	15.96	(0.41)	0.98	(0.42)
	Chinese Taipei	4.91	(0.09)	3.91	(0.48)	1.00	(0.48)	0.83	(0.44)	19.63	(0.26)	15.76	(1.69)	3.87	(1.66)
	Thailand	5.34	(0.08)	c	c	c	c	c	c	18.44	(0.16)	c	c	c	c
	Tunisia	7.28	(0.08)	7.08	(0.70)	0.20	(0.70)	0.31	(0.71)	22.61	(0.21)	22.57	(1.76)	0.05	(1.77)
	Uruguay	4.25	(0.06)	c	c	c	c	c	c	14.87	(0.15)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.8d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by immigrant status

		Allocation of total learning time in science, mathematics and the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	68.1	(0.2)	61.7	(0.4)	6.4	(0.5)	7.9	(0.2)	11.0	(0.3)	-3.1	(0.3)	24.0	(0.2)	27.3	(0.3)	-3.3	(0.3)
	Austria	62.7	(0.4)	56.7	(0.8)	6.0	(0.9)	4.9	(0.2)	8.3	(0.6)	-3.4	(0.6)	32.4	(0.3)	35.0	(0.8)	-2.6	(0.8)
	Belgium	64.8	(0.2)	61.2	(0.8)	3.5	(0.8)	7.2	(0.2)	11.9	(0.7)	-4.8	(0.7)	28.1	(0.2)	26.8	(0.5)	1.2	(0.5)
	Canada	65.8	(0.3)	57.8	(0.7)	8.0	(0.7)	10.2	(0.2)	13.3	(0.4)	-3.1	(0.4)	24.0	(0.2)	28.9	(0.6)	-4.9	(0.6)
	Czech Republic	69.7	(0.4)	66.1	(2.5)	3.6	(2.5)	10.1	(0.2)	12.5	(1.5)	-2.4	(1.5)	20.2	(0.3)	21.4	(1.8)	-1.2	(1.8)
	Denmark	62.8	(0.3)	55.5	(1.2)	7.3	(1.2)	15.6	(0.2)	20.2	(0.9)	-4.6	(0.9)	21.6	(0.2)	24.3	(0.6)	-2.7	(0.7)
	Finland	70.7	(0.3)	62.5	(2.6)	8.2	(2.5)	6.3	(0.2)	12.0	(1.8)	-5.8	(1.8)	23.0	(0.2)	25.5	(2.2)	-2.5	(2.1)
	France	64.1	(0.3)	58.4	(0.8)	5.7	(0.9)	11.5	(0.2)	15.9	(0.7)	-4.4	(0.8)	24.4	(0.3)	25.7	(0.5)	-1.3	(0.6)
	Germany	60.2	(0.3)	55.3	(1.0)	4.9	(1.1)	8.6	(0.3)	13.0	(0.9)	-4.4	(0.9)	31.2	(0.3)	31.7	(0.5)	-0.5	(0.5)
	Greece	48.0	(0.5)	51.4	(1.3)	-3.5	(1.2)	26.0	(0.3)	20.9	(1.2)	5.2	(1.2)	26.0	(0.3)	27.7	(1.0)	-1.7	(1.0)
	Hungary	52.5	(0.4)	52.0	(2.1)	0.4	(2.1)	18.7	(0.3)	18.5	(1.8)	0.2	(1.9)	28.8	(0.3)	29.5	(1.5)	-0.7	(1.6)
	Iceland	69.9	(0.3)	62.2	(2.7)	7.6	(2.6)	7.0	(0.2)	13.2	(2.0)	-6.1	(2.0)	23.1	(0.2)	24.6	(1.9)	-1.5	(1.9)
	Ireland	63.7	(0.4)	60.2	(1.2)	3.5	(1.2)	8.6	(0.3)	10.1	(1.0)	-1.5	(1.1)	27.7	(0.3)	29.7	(0.9)	-1.9	(0.9)
	Italy	55.1	(0.2)	52.2	(1.0)	2.9	(1.0)	9.7	(0.2)	13.6	(1.0)	-3.9	(1.0)	35.2	(0.2)	34.2	(0.7)	1.0	(0.7)
	Japan	74.5	(0.5)	c	c	c	c	7.5	(0.3)	c	c	c	c	18.0	(0.4)	c	c	c	c
	Korea	61.3	(0.4)	c	c	c	c	18.4	(0.2)	c	c	c	c	20.3	(0.3)	c	c	c	c
	Luxembourg	64.6	(0.3)	61.1	(0.6)	3.5	(0.7)	9.4	(0.2)	12.9	(0.4)	-3.5	(0.4)	26.0	(0.2)	26.0	(0.4)	-0.1	(0.5)
	Mexico	54.3	(0.3)	43.5	(2.7)	10.8	(2.7)	14.4	(0.3)	19.6	(2.4)	-5.2	(2.3)	31.3	(0.3)	36.9	(2.4)	-5.6	(2.4)
	Netherlands	60.9	(0.4)	53.2	(1.0)	7.7	(1.0)	11.6	(0.3)	17.3	(0.6)	-5.7	(0.6)	27.5	(0.3)	29.5	(0.7)	-2.0	(0.8)
	New Zealand	71.9	(0.4)	61.6	(0.7)	10.4	(0.9)	7.0	(0.2)	12.3	(0.6)	-5.2	(0.6)	21.0	(0.3)	26.2	(0.4)	-5.1	(0.5)
	Norway	60.9	(0.4)	52.9	(1.3)	8.0	(1.3)	16.7	(0.3)	20.9	(0.9)	-4.2	(0.9)	22.4	(0.3)	26.2	(0.8)	-3.8	(0.9)
	Poland	59.9	(0.3)	c	c	c	c	10.0	(0.3)	c	c	c	c	30.0	(0.3)	c	c	c	c
	Portugal	58.5	(0.4)	55.6	(1.6)	3.0	(1.7)	10.1	(0.2)	11.7	(0.8)	-1.6	(0.9)	31.4	(0.3)	32.8	(1.3)	-1.4	(1.4)
	Slovak Republic	58.9	(0.5)	c	c	c	c	12.7	(0.3)	c	c	c	c	28.4	(0.3)	c	c	c	c
	Spain	59.3	(0.3)	56.1	(1.1)	3.3	(1.1)	11.1	(0.2)	12.5	(0.9)	-1.4	(0.9)	29.6	(0.3)	31.5	(1.1)	-1.9	(1.1)
	Sweden	67.2	(0.5)	58.4	(1.0)	8.8	(1.1)	9.7	(0.2)	14.7	(0.8)	-5.0	(0.8)	23.2	(0.4)	26.9	(0.6)	-3.8	(0.7)
	Switzerland	65.3	(0.3)	60.8	(0.6)	4.6	(0.6)	8.0	(0.2)	11.9	(0.5)	-3.9	(0.5)	26.6	(0.2)	27.4	(0.4)	-0.7	(0.4)
	Turkey	51.3	(0.3)	55.8	(3.9)	-4.5	(3.9)	21.7	(0.3)	18.7	(3.0)	3.0	(3.0)	27.0	(0.3)	25.5	(1.3)	1.4	(1.3)
United Kingdom	68.8	(0.3)	58.8	(0.9)	10.0	(1.0)	7.5	(0.1)	14.2	(0.9)	-6.7	(0.9)	23.6	(0.2)	27.0	(0.5)	-3.4	(0.6)	
United States	56.5	(0.5)	51.8	(0.8)	4.7	(0.9)	14.6	(0.4)	17.9	(0.6)	-3.3	(0.6)	28.9	(0.3)	30.3	(0.6)	-1.4	(0.7)	
OECD average	62.4	(0.1)	57.0	(0.3)	5.2	(0.3)	11.4	(0.0)	14.6	(0.2)	-3.3	(0.2)	26.2	(0.0)	28.4	(0.2)	-1.9	(0.2)	
Partners	Argentina	54.5	(0.6)	55.9	(1.8)	-1.5	(1.8)	10.5	(0.4)	9.1	(1.3)	1.5	(1.3)	35.0	(0.4)	35.0	(1.5)	0.0	(1.5)
	Azerbaijan	44.5	(0.5)	44.1	(2.3)	0.4	(2.3)	19.7	(0.4)	20.4	(1.5)	-0.7	(1.4)	35.8	(0.3)	35.5	(1.4)	0.3	(1.5)
	Brazil	53.2	(0.4)	51.6	(2.3)	1.6	(2.3)	17.0	(0.3)	17.7	(1.8)	-0.7	(1.7)	29.8	(0.3)	30.7	(1.9)	-0.9	(2.0)
	Bulgaria	50.3	(0.5)	c	c	c	c	16.7	(0.4)	c	c	c	c	33.1	(0.4)	c	c	c	c
	Chile	54.7	(0.5)	c	c	c	c	16.3	(0.3)	c	c	c	c	29.1	(0.3)	c	c	c	c
	Colombia	59.7	(0.6)	c	c	c	c	14.4	(0.3)	c	c	c	c	25.9	(0.4)	c	c	c	c
	Croatia	60.1	(0.4)	59.2	(0.9)	0.9	(0.9)	9.5	(0.3)	9.5	(0.5)	0.1	(0.6)	30.4	(0.3)	31.3	(0.8)	-1.0	(0.8)
	Estonia	61.3	(0.4)	58.5	(0.9)	2.8	(0.9)	12.9	(0.3)	14.7	(0.7)	-1.8	(0.7)	25.8	(0.2)	26.8	(0.7)	-1.0	(0.8)
	Hong Kong-China	63.1	(0.5)	65.5	(0.6)	-2.4	(0.8)	14.1	(0.3)	11.4	(0.4)	2.7	(0.5)	22.8	(0.3)	23.1	(0.4)	-0.3	(0.5)
	Indonesia	56.1	(0.7)	45.0	(5.0)	11.1	(5.1)	16.5	(0.5)	17.8	(3.2)	-1.3	(3.2)	27.4	(0.3)	37.2	(3.6)	-9.8	(3.6)
	Israel	52.8	(0.5)	52.2	(0.8)	0.5	(0.8)	21.2	(0.3)	22.0	(0.4)	-0.7	(0.6)	26.0	(0.4)	25.8	(0.6)	0.2	(0.6)
	Jordan	43.9	(0.5)	43.5	(0.9)	0.4	(1.0)	21.7	(0.4)	21.5	(0.7)	0.3	(0.8)	34.3	(0.4)	35.0	(0.6)	-0.7	(0.6)
	Kyrgyzstan	40.1	(0.5)	46.1	(2.5)	-6.0	(2.5)	25.2	(0.4)	19.4	(2.2)	5.8	(2.1)	34.7	(0.3)	34.6	(1.7)	0.2	(1.7)
	Latvia	57.5	(0.3)	55.6	(0.8)	2.0	(0.8)	12.6	(0.3)	14.4	(0.5)	-1.8	(0.6)	29.9	(0.3)	30.0	(0.6)	-0.2	(0.7)
	Liechtenstein	67.5	(1.2)	64.4	(2.0)	3.1	(2.3)	7.0	(0.6)	10.6	(1.1)	-3.7	(1.2)	25.6	(1.0)	25.0	(1.3)	0.6	(1.5)
	Lithuania	59.6	(0.3)	60.2	(1.8)	-0.6	(1.8)	11.0	(0.3)	10.8	(1.2)	0.2	(1.2)	29.4	(0.2)	29.0	(1.5)	0.3	(1.5)
	Macao-China	65.6	(0.6)	67.2	(0.4)	-1.7	(0.7)	13.4	(0.4)	12.5	(0.2)	0.9	(0.4)	21.0	(0.4)	20.2	(0.3)	0.8	(0.5)
	Montenegro	51.1	(0.3)	49.3	(1.5)	1.8	(1.5)	14.5	(0.3)	12.8	(1.0)	1.8	(1.0)	34.4	(0.3)	37.9	(1.3)	-3.6	(1.3)
	Qatar	41.7	(0.4)	45.9	(0.4)	-4.2	(0.6)	26.4	(0.3)	21.6	(0.4)	4.8	(0.5)	32.0	(0.3)	32.5	(0.3)	-0.5	(0.5)
	Romania	48.7	(0.4)	c	c	c	c	20.5	(0.3)	c	c	c	c	30.9	(0.2)	c	c	c	c
	Russian Federation	50.9	(0.5)	51.1	(0.7)	-0.2	(0.6)	15.7	(0.5)	15.2	(0.7)	0.5	(0.6)	33.4	(0.4)	33.7	(0.6)	-0.2	(0.5)
	Serbia	57.8	(0.4)	57.3	(1.1)	0.5	(1.2)	13.8	(0.3)	13.7	(0.9)	0.1	(0.9)	28.4	(0.3)	29.0	(0.9)	-0.6	(1.0)
	Slovenia	57.2	(0.3)	55.3	(0.8)	1.9	(0.8)	13.7	(0.2)	15.4	(0.6)	-1.8	(0.6)	29.1	(0.3)	29.3	(0.7)	-0.1	(0.7)
	Chinese Taipei	61.5	(0.3)	57.5	(4.3)	4.0	(4.3)	13.9	(0.2)	16.2	(2.4)	-2.3	(2.4)	24.6	(0.2)	26.3	(3.3)	-1.8	(3.2)
	Thailand	62.3	(0.4)	c	c	c	c	10.2	(0.3)	c	c	c	c	27.5	(0.3)	c	c	c	c
	Tunisia	41.5	(0.3)	36.1	(2.4)	5.4	(2.4)	26.4	(0.2)	30.6	(2.0)	-4.2	(1.9)	32.1	(0.3)	33.3	(2.4)	-1.2	(2.5)
	Uruguay	59.4	(0.4)	c	c	c	c	12.4	(0.3)	c	c	c	c	28.2	(0.3)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/2]
Table 3.9a Within- and between-school variance in learning time in science

	Regular school lessons								Out-of-school-time lessons					
	Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation	
				Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD														
Australia	0.56	3.33	0.14	3.24	(0.02)	1.97	(0.02)	0.01	0.72	0.02	0.36	(0.01)	0.86	(0.02)
Austria	1.08	2.87	0.27	2.47	(0.04)	1.98	(0.04)	0.04	0.53	0.08	0.21	(0.01)	0.76	(0.04)
Belgium	0.89	3.20	0.22	2.63	(0.02)	2.03	(0.02)	0.03	0.71	0.04	0.32	(0.01)	0.86	(0.03)
Canada	0.55	4.58	0.11	4.00	(0.02)	2.29	(0.02)	0.04	1.04	0.03	0.55	(0.01)	1.05	(0.02)
Czech Republic	1.81	3.42	0.35	2.93	(0.03)	2.25	(0.03)	0.04	1.08	0.04	0.54	(0.02)	1.07	(0.03)
Denmark	0.26	1.96	0.12	3.21	(0.03)	1.49	(0.03)	0.03	1.06	0.03	0.77	(0.02)	1.05	(0.02)
Finland	0.18	2.45	0.07	3.13	(0.02)	1.62	(0.02)	0.01	0.54	0.01	0.32	(0.01)	0.74	(0.03)
France	1.29	2.60	0.33	2.85	(0.02)	1.98	(0.02)	0.02	0.88	0.02	0.55	(0.02)	0.95	(0.03)
Germany	0.99	3.39	0.23	3.06	(0.02)	2.08	(0.02)	0.03	1.07	0.03	0.51	(0.02)	1.05	(0.03)
Greece	0.69	3.17	0.18	3.18	(0.02)	1.95	(0.02)	0.30	3.34	0.08	1.99	(0.04)	1.90	(0.02)
Hungary	0.50	2.69	0.16	2.51	(0.03)	1.79	(0.03)	0.07	1.67	0.04	1.00	(0.03)	1.32	(0.03)
Iceland	0.23	2.03	0.10	2.97	(0.02)	1.50	(0.02)	0.02	0.59	0.03	0.29	(0.01)	0.78	(0.03)
Ireland	0.20	2.54	0.07	2.54	(0.02)	1.65	(0.02)	0.01	0.62	0.01	0.32	(0.01)	0.80	(0.03)
Italy	0.92	3.24	0.22	2.91	(0.03)	2.05	(0.03)	0.06	1.33	0.05	0.58	(0.01)	1.19	(0.02)
Japan	0.72	1.11	0.39	2.70	(0.04)	1.34	(0.04)	0.01	0.48	0.02	0.26	(0.01)	0.70	(0.03)
Korea	0.67	1.47	0.31	3.58	(0.06)	1.47	(0.06)	0.35	1.57	0.18	1.02	(0.04)	1.39	(0.05)
Luxembourg	0.31	3.20	0.09	2.33	(0.02)	1.85	(0.02)	0.02	1.06	0.02	0.50	(0.02)	1.04	(0.03)
Mexico	0.32	5.64	0.05	3.15	(0.01)	2.47	(0.01)	0.12	1.98	0.06	1.01	(0.03)	1.48	(0.03)
Netherlands	0.60	3.24	0.16	2.17	(0.02)	1.96	(0.02)	0.02	0.97	0.02	0.54	(0.02)	1.00	(0.03)
New Zealand	0.30	3.37	0.08	4.06	(0.03)	1.91	(0.03)	0.02	0.83	0.03	0.41	(0.02)	0.92	(0.03)
Norway	0.09	1.32	0.06	2.64	(0.02)	1.19	(0.02)	0.02	1.27	0.02	0.93	(0.02)	1.14	(0.02)
Poland	0.16	2.59	0.06	2.72	(0.02)	1.66	(0.02)	0.04	1.05	0.03	0.62	(0.02)	1.04	(0.03)
Portugal	0.35	5.46	0.06	3.21	(0.02)	2.41	(0.02)	0.01	1.44	0.01	0.63	(0.02)	1.21	(0.03)
Slovak Republic	1.65	2.88	0.36	2.46	(0.04)	2.15	(0.04)	0.11	1.21	0.08	0.65	(0.03)	1.16	(0.03)
Spain	0.31	3.64	0.08	3.12	(0.02)	2.01	(0.02)	0.09	1.73	0.05	0.68	(0.02)	1.35	(0.03)
Sweden	0.19	1.31	0.13	2.81	(0.02)	1.21	(0.02)	0.01	0.77	0.02	0.50	(0.01)	0.89	(0.02)
Switzerland	0.87	2.49	0.26	2.36	(0.03)	1.90	(0.03)	0.05	0.75	0.06	0.39	(0.01)	0.89	(0.02)
Turkey	1.46	5.02	0.22	2.86	(0.03)	2.55	(0.03)	0.35	3.18	0.10	1.35	(0.05)	1.88	(0.04)
United Kingdom	0.35	2.56	0.12	4.25	(0.03)	1.71	(0.03)	0.04	0.79	0.05	0.48	(0.02)	0.92	(0.02)
United States	0.23	4.76	0.05	3.51	(0.03)	2.24	(0.03)	0.03	1.56	0.02	0.78	(0.02)	1.26	(0.03)
OECD average	0.62	3.05	0.17	0.55	(0.03)	0.35	(0.03)	0.07	1.19	0.04	0.13	(0.02)	0.21	(0.03)
Partners														
Argentina	0.35	3.10	0.10	2.26	(0.03)	1.87	(0.03)	0.04	1.04	0.04	0.49	(0.02)	1.05	(0.03)
Azerbaijan	0.45	3.83	0.10	2.84	(0.04)	2.06	(0.04)	0.10	2.77	0.04	1.36	(0.03)	1.70	(0.03)
Brazil	0.39	2.22	0.15	2.21	(0.03)	1.62	(0.03)	0.09	1.42	0.06	0.79	(0.02)	1.23	(0.04)
Bulgaria	0.85	3.86	0.18	2.63	(0.03)	2.16	(0.03)	0.06	1.98	0.03	0.98	(0.03)	1.43	(0.03)
Chile	0.63	3.49	0.15	2.33	(0.03)	2.02	(0.03)	0.02	1.45	0.01	0.83	(0.02)	1.22	(0.02)
Colombia	0.46	3.21	0.12	3.50	(0.05)	1.95	(0.05)	0.04	1.82	0.02	0.95	(0.03)	1.37	(0.04)
Croatia	0.51	2.46	0.17	2.02	(0.02)	1.72	(0.02)	0.02	0.93	0.02	0.43	(0.02)	0.98	(0.03)
Estonia	0.18	3.68	0.05	3.27	(0.02)	1.97	(0.02)	0.04	1.36	0.03	0.76	(0.02)	1.18	(0.03)
Hong Kong-China	0.42	7.66	0.05	3.14	(0.02)	2.84	(0.02)	0.06	2.17	0.03	0.88	(0.03)	1.49	(0.03)
Indonesia	1.00	2.78	0.26	3.23	(0.03)	1.99	(0.03)	0.15	1.66	0.09	1.04	(0.04)	1.36	(0.03)
Israel	0.34	4.46	0.07	2.43	(0.03)	2.19	(0.03)	0.17	1.86	0.08	0.98	(0.03)	1.42	(0.03)
Jordan	0.43	4.80	0.08	3.25	(0.02)	2.30	(0.02)	0.09	2.82	0.03	1.52	(0.03)	1.71	(0.02)
Kyrgyzstan	0.44	4.07	0.10	2.09	(0.05)	2.15	(0.05)	0.12	2.44	0.05	1.36	(0.03)	1.61	(0.03)
Latvia	0.34	3.32	0.09	2.86	(0.03)	1.91	(0.03)	0.03	1.23	0.03	0.65	(0.02)	1.12	(0.03)
Liechtenstein	0.35	2.38	0.13	2.57	(0.06)	1.69	(0.06)	0.05	0.94	0.05	0.52	(0.06)	1.00	(0.08)
Lithuania	0.15	3.05	0.05	2.69	(0.02)	1.79	(0.02)	0.02	1.06	0.02	0.57	(0.02)	1.04	(0.03)
Macao-China	0.31	5.35	0.05	3.74	(0.02)	2.38	(0.02)	0.03	2.47	0.01	1.00	(0.03)	1.58	(0.04)
Montenegro	0.41	4.37	0.09	2.83	(0.02)	2.20	(0.02)	0.02	2.29	0.01	1.05	(0.02)	1.52	(0.03)
Qatar	0.82	4.39	0.16	2.66	(0.02)	2.25	(0.02)	0.05	2.56	0.02	1.48	(0.02)	1.61	(0.02)
Romania	0.56	3.69	0.13	2.26	(0.04)	2.06	(0.04)	0.03	1.91	0.01	1.03	(0.02)	1.39	(0.03)
Russian Federation	0.91	4.77	0.16	3.73	(0.02)	2.38	(0.02)	0.11	2.06	0.05	1.12	(0.03)	1.48	(0.03)
Serbia	0.71	3.82	0.16	2.86	(0.02)	2.13	(0.02)	0.02	1.64	0.01	0.78	(0.02)	1.29	(0.03)
Slovenia	1.09	3.39	0.24	2.82	(0.02)	2.14	(0.02)	0.05	1.22	0.04	0.72	(0.02)	1.11	(0.03)
Chinese Taipei	1.15	2.90	0.28	2.89	(0.02)	2.01	(0.02)	0.25	1.55	0.14	0.78	(0.02)	1.36	(0.03)
Thailand	0.63	2.01	0.24	3.81	(0.02)	1.65	(0.02)	0.35	1.88	0.16	0.91	(0.03)	1.50	(0.03)
Tunisia	0.42	3.84	0.10	2.62	(0.03)	2.07	(0.03)	0.09	3.11	0.03	1.93	(0.03)	1.79	(0.02)
Uruguay	0.66	3.53	0.16	2.40	(0.02)	2.05	(0.02)	0.03	1.30	0.03	0.61	(0.02)	1.16	(0.03)

[Part 2/2]
Table 3.9a Within- and between-school variance in learning time in science

	Individual study								Total learning hours					
	Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation	
				Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD														
Australia	0.15	1.55	0.09	1.17	(0.02)	1.30	(0.02)	1.25	8.55	0.13	4.77	(0.05)	3.12	(0.03)
Austria	0.17	2.09	0.08	1.28	(0.03)	1.50	(0.03)	1.74	7.53	0.19	3.96	(0.09)	3.02	(0.06)
Belgium	0.15	1.46	0.09	1.25	(0.02)	1.27	(0.02)	1.68	7.84	0.18	4.20	(0.07)	3.10	(0.04)
Canada	0.21	2.06	0.09	1.55	(0.02)	1.53	(0.02)	1.33	10.89	0.11	6.13	(0.06)	3.55	(0.04)
Czech Republic	0.13	1.43	0.08	1.00	(0.03)	1.26	(0.03)	3.10	8.02	0.28	4.47	(0.10)	3.32	(0.06)
Denmark	0.06	1.04	0.06	1.09	(0.02)	1.05	(0.02)	0.69	5.90	0.11	5.06	(0.07)	2.56	(0.05)
Finland	0.02	0.93	0.02	1.07	(0.02)	0.97	(0.02)	0.27	5.17	0.05	4.52	(0.06)	2.33	(0.05)
France	0.21	1.53	0.12	1.31	(0.03)	1.32	(0.03)	2.60	7.24	0.26	4.72	(0.08)	3.14	(0.05)
Germany	0.06	2.31	0.02	1.71	(0.03)	1.54	(0.02)	1.17	9.37	0.11	5.28	(0.07)	3.24	(0.05)
Greece	0.14	2.96	0.05	1.85	(0.04)	1.76	(0.03)	2.32	16.02	0.13	7.02	(0.10)	4.26	(0.06)
Hungary	0.13	2.14	0.06	1.60	(0.03)	1.51	(0.03)	1.21	10.61	0.10	5.10	(0.08)	3.45	(0.06)
Iceland	0.06	1.21	0.04	1.16	(0.02)	1.13	(0.03)	0.47	5.09	0.08	4.42	(0.04)	2.35	(0.05)
Ireland	0.06	1.69	0.04	1.20	(0.03)	1.32	(0.02)	0.50	7.38	0.06	4.05	(0.07)	2.81	(0.05)
Italy	0.45	2.76	0.14	2.10	(0.04)	1.81	(0.02)	2.57	11.12	0.19	5.58	(0.10)	3.74	(0.06)
Japan	0.07	0.69	0.09	0.69	(0.02)	0.87	(0.02)	1.11	2.88	0.28	3.65	(0.07)	1.99	(0.05)
Korea	0.28	1.52	0.16	1.22	(0.06)	1.35	(0.09)	3.12	6.22	0.33	5.84	(0.14)	3.09	(0.23)
Luxembourg	0.04	1.83	0.02	1.25	(0.02)	1.36	(0.03)	0.63	8.73	0.07	4.09	(0.05)	3.03	(0.05)
Mexico	0.16	3.15	0.05	2.12	(0.03)	1.84	(0.02)	0.94	15.68	0.06	6.24	(0.07)	4.14	(0.04)
Netherlands	0.09	1.62	0.05	1.21	(0.03)	1.31	(0.03)	1.01	9.58	0.10	3.90	(0.06)	3.25	(0.05)
New Zealand	0.11	1.63	0.07	1.28	(0.02)	1.32	(0.02)	0.73	8.25	0.08	5.74	(0.06)	3.00	(0.05)
Norway	0.04	1.27	0.03	1.23	(0.02)	1.15	(0.02)	0.22	6.01	0.04	4.80	(0.05)	2.50	(0.05)
Poland	0.06	2.65	0.02	2.02	(0.03)	1.65	(0.02)	0.39	9.59	0.04	5.36	(0.07)	3.16	(0.05)
Portugal	0.08	3.26	0.02	2.09	(0.04)	1.83	(0.02)	0.58	16.63	0.03	5.93	(0.08)	4.16	(0.04)
Slovak Republic	0.34	1.98	0.15	1.39	(0.04)	1.53	(0.03)	4.35	8.98	0.33	4.51	(0.12)	3.69	(0.07)
Spain	0.11	2.54	0.04	1.74	(0.03)	1.64	(0.02)	0.88	11.28	0.07	5.56	(0.07)	3.53	(0.04)
Sweden	0.03	1.12	0.03	1.15	(0.02)	1.08	(0.03)	0.36	4.45	0.08	4.45	(0.04)	2.18	(0.05)
Switzerland	0.11	1.22	0.08	1.12	(0.02)	1.16	(0.02)	1.61	6.34	0.20	3.87	(0.06)	2.86	(0.04)
Turkey	0.31	3.11	0.09	1.64	(0.05)	1.85	(0.03)	5.29	21.49	0.20	5.81	(0.18)	5.18	(0.09)
United Kingdom	0.10	1.40	0.07	1.45	(0.02)	1.23	(0.02)	0.66	6.32	0.09	6.18	(0.05)	2.66	(0.04)
United States	0.08	2.39	0.03	1.68	(0.03)	1.57	(0.02)	0.31	12.80	0.02	6.01	(0.06)	3.62	(0.04)
OECD average	0.13	1.89	0.07	0.27	(0.03)	0.26	(0.03)	1.44	9.20	0.13	0.93	(0.08)	0.60	(0.06)
Partners														
Argentina	0.13	2.32	0.05	1.59	(0.04)	1.58	(0.03)	0.72	9.02	0.07	4.32	(0.09)	3.14	(0.05)
Azerbaijan	0.27	4.46	0.06	2.64	(0.05)	2.17	(0.03)	1.58	16.91	0.09	6.83	(0.10)	4.29	(0.08)
Brazil	0.14	2.41	0.05	1.70	(0.02)	1.59	(0.02)	0.99	8.57	0.10	4.70	(0.06)	3.09	(0.06)
Bulgaria	0.36	3.38	0.10	2.00	(0.06)	1.93	(0.03)	2.20	15.23	0.13	5.65	(0.13)	4.17	(0.06)
Chile	0.06	2.15	0.03	1.52	(0.03)	1.49	(0.02)	1.15	11.33	0.09	4.70	(0.07)	3.53	(0.05)
Colombia	0.08	2.77	0.03	1.83	(0.04)	1.69	(0.02)	0.77	11.33	0.06	6.28	(0.17)	3.53	(0.12)
Croatia	0.34	2.32	0.13	1.46	(0.04)	1.63	(0.03)	1.86	8.64	0.18	3.93	(0.09)	3.24	(0.05)
Estonia	0.08	2.13	0.04	1.54	(0.03)	1.49	(0.03)	0.45	9.80	0.04	5.57	(0.06)	3.20	(0.06)
Hong Kong-China	0.17	3.22	0.05	1.44	(0.03)	1.84	(0.03)	1.33	25.73	0.05	5.45	(0.10)	5.20	(0.05)
Indonesia	0.15	2.10	0.07	1.78	(0.03)	1.51	(0.02)	2.38	9.19	0.21	6.04	(0.11)	3.47	(0.08)
Israel	0.34	2.32	0.13	1.35	(0.04)	1.63	(0.03)	1.71	14.44	0.11	4.75	(0.10)	4.02	(0.06)
Jordan	0.18	3.92	0.04	2.65	(0.04)	2.03	(0.02)	0.74	16.23	0.04	7.40	(0.09)	4.15	(0.05)
Kyrgyzstan	0.15	4.31	0.03	2.14	(0.03)	2.12	(0.02)	0.90	15.75	0.05	5.63	(0.09)	4.11	(0.06)
Latvia	0.09	2.38	0.04	1.80	(0.03)	1.57	(0.03)	0.82	10.07	0.08	5.30	(0.09)	3.30	(0.05)
Liechtenstein	0.01	1.44	0.01	1.20	(0.06)	1.20	(0.09)	0.46	5.82	0.07	4.29	(0.10)	2.52	(0.11)
Lithuania	0.04	2.29	0.02	1.69	(0.03)	1.53	(0.02)	0.27	9.31	0.03	4.94	(0.06)	3.09	(0.04)
Macao-China	0.10	2.39	0.04	1.37	(0.03)	1.57	(0.03)	0.73	16.25	0.04	6.11	(0.06)	4.12	(0.06)
Montenegro	0.14	3.64	0.04	2.20	(0.03)	1.95	(0.02)	1.06	16.31	0.06	6.08	(0.07)	4.18	(0.05)
Qatar	0.10	2.99	0.03	2.04	(0.02)	1.75	(0.02)	1.41	15.27	0.08	6.21	(0.06)	4.07	(0.05)
Romania	0.15	2.86	0.05	1.61	(0.05)	1.74	(0.03)	1.27	14.47	0.08	4.88	(0.11)	3.96	(0.07)
Russian Federation	0.51	4.08	0.11	2.87	(0.06)	2.14	(0.02)	2.74	15.88	0.15	7.72	(0.13)	4.31	(0.06)
Serbia	0.28	2.96	0.09	1.71	(0.04)	1.80	(0.03)	1.96	13.11	0.13	5.35	(0.10)	3.89	(0.06)
Slovenia	0.11	1.99	0.05	1.53	(0.02)	1.44	(0.02)	1.80	9.43	0.16	5.08	(0.05)	3.35	(0.04)
Chinese Taipei	0.26	1.71	0.13	1.24	(0.03)	1.41	(0.02)	3.83	9.30	0.29	4.94	(0.10)	3.65	(0.05)
Thailand	0.20	2.12	0.09	1.80	(0.03)	1.53	(0.03)	2.66	8.95	0.23	6.52	(0.07)	3.46	(0.05)
Tunisia	0.09	4.00	0.02	2.61	(0.04)	2.02	(0.02)	1.47	17.39	0.08	7.14	(0.10)	4.35	(0.07)
Uruguay	0.13	1.80	0.07	1.32	(0.03)	1.40	(0.03)	1.31	10.37	0.11	4.35	(0.07)	3.43	(0.06)

[Part 2/2]
Table 3.9b Within- and between-school variance in learning time in mathematics

	Individual study								Total learning hours						
	Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation		
				Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.	
OECD															
Australia	0.22	2.19	0.09	1.79	(0.02)	1.55	(0.02)	0.94	9.26	0.09	6.65	(0.05)	3.19	(0.04)	
Austria	0.15	2.84	0.05	2.13	(0.04)	1.73	(0.02)	1.15	8.61	0.12	5.88	(0.08)	3.13	(0.05)	
Belgium	0.26	2.02	0.11	1.79	(0.03)	1.52	(0.02)	1.81	8.13	0.18	5.93	(0.06)	3.17	(0.04)	
Canada	0.23	2.78	0.08	1.97	(0.03)	1.76	(0.02)	0.92	12.60	0.07	7.45	(0.07)	3.72	(0.04)	
Czech Republic	0.07	1.82	0.04	1.32	(0.03)	1.39	(0.04)	0.65	7.84	0.08	6.06	(0.08)	2.95	(0.07)	
Denmark	0.07	1.82	0.04	1.74	(0.02)	1.38	(0.02)	0.62	8.32	0.07	7.52	(0.06)	2.99	(0.05)	
Finland	0.03	0.98	0.03	1.20	(0.02)	1.00	(0.02)	0.29	4.50	0.06	5.02	(0.06)	2.19	(0.05)	
France	0.16	1.98	0.08	1.74	(0.03)	1.46	(0.02)	0.66	7.41	0.08	6.50	(0.06)	2.84	(0.04)	
Germany	0.14	2.70	0.05	2.27	(0.03)	1.69	(0.02)	0.86	9.92	0.08	6.99	(0.07)	3.29	(0.06)	
Greece	0.10	3.29	0.03	2.01	(0.03)	1.84	(0.02)	1.95	15.29	0.11	7.71	(0.10)	4.13	(0.05)	
Hungary	0.12	2.30	0.05	1.84	(0.03)	1.56	(0.03)	0.81	11.67	0.06	6.42	(0.09)	3.53	(0.06)	
Iceland	0.08	2.11	0.04	1.71	(0.02)	1.48	(0.02)	0.42	7.54	0.05	7.18	(0.05)	2.81	(0.05)	
Ireland	0.07	2.31	0.03	1.76	(0.03)	1.54	(0.03)	0.14	9.89	0.01	6.14	(0.06)	3.17	(0.06)	
Italy	0.40	2.90	0.12	2.48	(0.03)	1.83	(0.02)	1.72	10.96	0.14	7.12	(0.07)	3.58	(0.03)	
Japan	0.74	1.79	0.29	1.48	(0.06)	1.59	(0.05)	4.60	5.99	0.43	6.43	(0.13)	3.26	(0.08)	
Korea	0.93	3.38	0.22	2.31	(0.06)	2.08	(0.05)	5.81	12.37	0.32	9.32	(0.13)	4.25	(0.09)	
Luxembourg	0.02	2.22	0.01	1.71	(0.02)	1.50	(0.02)	0.19	8.89	0.02	6.42	(0.05)	3.01	(0.04)	
Mexico	0.15	3.10	0.04	2.26	(0.03)	1.83	(0.02)	0.82	13.76	0.06	7.35	(0.07)	3.88	(0.05)	
Netherlands	0.10	1.61	0.06	1.47	(0.03)	1.31	(0.03)	0.41	7.30	0.05	5.02	(0.07)	2.79	(0.06)	
New Zealand	0.11	2.01	0.05	1.59	(0.03)	1.46	(0.03)	0.38	7.95	0.05	6.66	(0.05)	2.89	(0.06)	
Norway	0.07	1.71	0.04	1.40	(0.03)	1.33	(0.03)	0.23	7.63	0.03	5.84	(0.06)	2.81	(0.05)	
Poland	0.06	2.80	0.02	2.09	(0.03)	1.69	(0.02)	0.37	9.80	0.04	7.23	(0.06)	3.19	(0.04)	
Portugal	0.05	2.77	0.02	1.96	(0.03)	1.68	(0.02)	0.61	11.74	0.05	6.38	(0.07)	3.52	(0.05)	
Slovak Republic	0.20	2.12	0.09	1.69	(0.03)	1.52	(0.03)	2.50	7.43	0.25	5.87	(0.10)	3.12	(0.05)	
Spain	0.13	2.53	0.05	1.96	(0.03)	1.64	(0.02)	0.63	9.28	0.06	6.41	(0.06)	3.17	(0.04)	
Sweden	0.05	1.26	0.04	1.18	(0.02)	1.14	(0.03)	0.19	5.34	0.03	4.88	(0.04)	2.35	(0.06)	
Switzerland	0.11	1.70	0.06	1.69	(0.02)	1.35	(0.02)	0.86	7.00	0.11	6.26	(0.06)	2.85	(0.05)	
Turkey	0.26	3.61	0.07	2.31	(0.05)	1.97	(0.02)	3.24	20.08	0.14	8.17	(0.14)	4.83	(0.08)	
United Kingdom	0.08	1.39	0.06	1.49	(0.02)	1.22	(0.02)	0.41	6.10	0.06	5.90	(0.05)	2.56	(0.04)	
United States	0.06	3.08	0.02	2.05	(0.03)	1.77	(0.02)	0.19	15.98	0.01	7.01	(0.07)	4.02	(0.06)	
OECD average	0.17	2.30	0.07	0.34	(0.03)	0.29	(0.03)	1.15	9.62	0.10	1.22	(0.07)	0.60	(0.05)	
Partners															
Argentina	0.09	2.81	0.03	1.82	(0.04)	1.71	(0.03)	0.90	10.73	0.08	5.56	(0.10)	3.42	(0.07)	
Azerbaijan	0.29	5.23	0.05	2.95	(0.06)	2.36	(0.02)	1.82	23.41	0.07	8.49	(0.13)	5.04	(0.07)	
Brazil	0.13	2.63	0.05	1.80	(0.03)	1.66	(0.03)	0.83	11.93	0.06	6.14	(0.07)	3.56	(0.05)	
Bulgaria	0.39	3.36	0.10	2.08	(0.06)	1.94	(0.04)	2.06	16.16	0.11	6.23	(0.15)	4.27	(0.09)	
Chile	0.06	2.25	0.03	1.60	(0.03)	1.52	(0.02)	1.27	12.61	0.09	6.12	(0.10)	3.73	(0.04)	
Colombia	0.04	2.91	0.01	1.93	(0.03)	1.72	(0.03)	0.69	12.38	0.05	7.37	(0.08)	3.62	(0.08)	
Croatia	0.15	2.53	0.06	1.80	(0.03)	1.64	(0.02)	0.84	8.44	0.09	5.66	(0.06)	3.05	(0.05)	
Estonia	0.06	2.88	0.02	1.96	(0.03)	1.71	(0.02)	0.40	10.75	0.04	7.15	(0.07)	3.34	(0.06)	
Hong Kong-China	0.24	3.29	0.07	2.24	(0.04)	1.88	(0.03)	1.01	13.91	0.07	8.87	(0.08)	3.86	(0.05)	
Indonesia	0.12	2.35	0.05	1.99	(0.03)	1.57	(0.02)	1.47	10.31	0.12	7.44	(0.10)	3.44	(0.06)	
Israel	0.22	3.91	0.05	2.33	(0.05)	2.04	(0.03)	1.45	20.12	0.07	8.69	(0.11)	4.64	(0.07)	
Jordan	0.17	4.16	0.04	2.69	(0.04)	2.09	(0.02)	0.77	19.61	0.04	7.96	(0.08)	4.55	(0.06)	
Kyrgyzstan	0.10	4.44	0.02	2.22	(0.03)	2.14	(0.02)	0.85	20.15	0.04	6.71	(0.09)	4.62	(0.06)	
Latvia	0.09	3.07	0.03	2.44	(0.04)	1.78	(0.02)	0.52	10.89	0.05	8.14	(0.09)	3.38	(0.05)	
Liechtenstein	0.05	1.31	0.03	1.49	(0.06)	1.16	(0.06)	0.50	5.97	0.08	6.04	(0.12)	2.52	(0.11)	
Lithuania	0.08	2.48	0.03	1.78	(0.03)	1.60	(0.02)	0.58	9.55	0.06	6.02	(0.06)	3.18	(0.05)	
Macao-China	0.58	3.03	0.16	2.07	(0.03)	1.86	(0.02)	1.50	12.75	0.11	8.68	(0.06)	3.72	(0.04)	
Montenegro	0.04	3.57	0.01	2.03	(0.03)	1.90	(0.02)	0.42	15.35	0.03	6.03	(0.07)	3.97	(0.05)	
Qatar	0.08	3.47	0.02	2.22	(0.02)	1.88	(0.01)	0.86	18.97	0.04	7.21	(0.06)	4.44	(0.04)	
Romania	0.22	3.51	0.06	2.16	(0.04)	1.93	(0.03)	1.95	16.66	0.10	6.67	(0.11)	4.30	(0.08)	
Russian Federation	0.36	2.83	0.11	2.23	(0.05)	1.78	(0.03)	1.97	10.77	0.15	6.99	(0.10)	3.55	(0.06)	
Serbia	0.10	2.86	0.03	1.82	(0.03)	1.72	(0.02)	0.77	11.71	0.06	6.06	(0.07)	3.53	(0.05)	
Slovenia	0.18	2.49	0.07	1.92	(0.02)	1.62	(0.02)	1.16	11.00	0.10	6.30	(0.05)	3.44	(0.04)	
Chinese Taipei	0.52	2.44	0.18	1.88	(0.04)	1.72	(0.02)	5.51	11.74	0.32	7.72	(0.12)	4.17	(0.04)	
Thailand	0.22	2.09	0.09	1.81	(0.03)	1.52	(0.02)	2.23	7.73	0.22	6.50	(0.07)	3.22	(0.05)	
Tunisia	0.08	4.47	0.02	2.57	(0.04)	2.13	(0.02)	0.91	21.24	0.04	8.38	(0.10)	4.70	(0.06)	
Uruguay	0.08	2.22	0.03	1.57	(0.03)	1.52	(0.03)	0.60	10.60	0.05	5.74	(0.07)	3.36	(0.07)	



[Part 1/2]
Table 3.9c Within- and between-school variance in learning time on the language of instruction

	Regular school lessons							Out-of-school-time lessons						
	Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation	
				Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD														
Australia	0.25	2.26	0.10	4.06	(0.03)	1.58	(0.01)	0.04	1.49	0.02	0.66	(0.02)	1.24	(0.02)
Austria	0.34	1.62	0.17	2.87	(0.03)	1.39	(0.03)	0.06	0.59	0.09	0.24	(0.02)	0.80	(0.04)
Belgium	0.47	2.43	0.16	3.49	(0.03)	1.71	(0.02)	0.06	1.03	0.05	0.46	(0.01)	1.05	(0.03)
Canada	0.27	4.13	0.06	4.43	(0.04)	2.12	(0.02)	0.08	2.03	0.04	0.86	(0.02)	1.47	(0.02)
Czech Republic	0.19	1.83	0.10	3.72	(0.03)	1.44	(0.02)	0.02	1.13	0.02	0.61	(0.01)	1.08	(0.02)
Denmark	0.24	2.16	0.10	5.50	(0.03)	1.55	(0.02)	0.08	2.78	0.03	1.68	(0.03)	1.69	(0.02)
Finland	0.23	1.43	0.14	3.13	(0.05)	1.29	(0.04)	0.01	0.71	0.01	0.36	(0.01)	0.85	(0.03)
France	0.24	1.94	0.11	4.01	(0.03)	1.47	(0.02)	0.06	1.30	0.05	0.77	(0.02)	1.17	(0.02)
Germany	0.18	2.36	0.07	3.66	(0.03)	1.60	(0.03)	0.14	1.38	0.09	0.61	(0.02)	1.23	(0.03)
Greece	0.39	3.31	0.11	3.18	(0.04)	1.91	(0.02)	0.14	3.01	0.04	1.63	(0.03)	1.77	(0.03)
Hungary	0.36	2.44	0.13	3.18	(0.04)	1.66	(0.02)	0.08	2.31	0.03	1.31	(0.03)	1.54	(0.03)
Iceland	0.14	2.30	0.06	4.52	(0.02)	1.56	(0.02)	0.06	0.98	0.06	0.46	(0.02)	1.02	(0.04)
Ireland	0.07	2.64	0.03	3.55	(0.03)	1.65	(0.02)	0.03	1.68	0.02	0.63	(0.02)	1.31	(0.03)
Italy	0.40	3.51	0.10	4.62	(0.03)	1.99	(0.01)	0.15	2.18	0.06	0.79	(0.02)	1.53	(0.02)
Japan	0.63	1.41	0.31	3.82	(0.04)	1.42	(0.03)	0.06	0.82	0.06	0.43	(0.02)	0.93	(0.03)
Korea	0.39	1.73	0.18	4.48	(0.04)	1.45	(0.03)	0.40	2.21	0.15	1.45	(0.04)	1.61	(0.02)
Luxembourg	0.26	2.55	0.09	3.50	(0.03)	1.65	(0.01)	0.05	1.44	0.03	0.60	(0.02)	1.22	(0.02)
Mexico	0.31	4.41	0.07	3.73	(0.04)	2.20	(0.01)	0.13	2.13	0.06	1.10	(0.03)	1.53	(0.03)
Netherlands	0.07	1.59	0.04	2.92	(0.03)	1.29	(0.02)	0.09	1.07	0.08	0.64	(0.02)	1.08	(0.02)
New Zealand	0.09	2.09	0.04	4.39	(0.03)	1.48	(0.03)	0.08	1.50	0.05	0.65	(0.03)	1.26	(0.04)
Norway	0.23	2.19	0.09	3.60	(0.04)	1.56	(0.02)	0.04	1.89	0.02	1.16	(0.02)	1.39	(0.03)
Poland	0.09	2.94	0.03	4.64	(0.03)	1.74	(0.02)	0.06	1.25	0.05	0.70	(0.03)	1.15	(0.03)
Portugal	0.10	2.21	0.04	3.27	(0.03)	1.52	(0.02)	0.06	1.03	0.06	0.57	(0.02)	1.05	(0.02)
Slovak Republic	0.76	1.47	0.34	3.12	(0.05)	1.48	(0.02)	0.07	1.34	0.05	0.89	(0.03)	1.19	(0.02)
Spain	0.25	2.03	0.11	3.60	(0.03)	1.53	(0.02)	0.07	1.53	0.04	0.58	(0.02)	1.27	(0.03)
Sweden	0.09	1.35	0.07	3.12	(0.03)	1.20	(0.03)	0.02	1.40	0.01	0.68	(0.02)	1.19	(0.04)
Switzerland	0.43	2.28	0.16	3.65	(0.04)	1.66	(0.02)	0.09	1.03	0.08	0.49	(0.02)	1.06	(0.03)
Turkey	0.49	2.60	0.16	3.99	(0.05)	1.77	(0.02)	0.22	3.25	0.06	1.81	(0.05)	1.87	(0.03)
United Kingdom	0.16	1.88	0.08	3.89	(0.04)	1.44	(0.02)	0.06	1.13	0.05	0.59	(0.02)	1.10	(0.02)
United States	0.20	4.63	0.04	3.64	(0.04)	2.20	(0.03)	0.06	2.32	0.03	1.11	(0.03)	1.54	(0.03)
OECD average	0.28	0.46	0.11	0.70	(0.04)	0.30	(0.02)	0.08	1.60	0.05	0.17	(0.02)	0.24	(0.03)
Partners														
Argentina	0.25	2.47	0.09	2.39	(0.05)	1.66	(0.05)	0.07	0.88	0.07	0.43	(0.03)	0.98	(0.04)
Azerbaijan	0.28	4.32	0.06	3.69	(0.05)	2.14	(0.02)	0.17	4.01	0.04	1.80	(0.05)	2.05	(0.03)
Brazil	0.28	3.32	0.08	3.10	(0.04)	1.90	(0.02)	0.10	2.15	0.05	1.18	(0.03)	1.50	(0.03)
Bulgaria	0.26	3.16	0.08	2.91	(0.05)	1.85	(0.02)	0.10	2.32	0.04	1.09	(0.04)	1.56	(0.03)
Chile	0.60	4.25	0.12	3.45	(0.06)	2.20	(0.02)	0.06	1.86	0.03	1.00	(0.03)	1.39	(0.03)
Colombia	0.27	2.65	0.09	3.92	(0.05)	1.71	(0.03)	0.06	2.11	0.03	1.15	(0.03)	1.48	(0.03)
Croatia	0.17	1.95	0.08	3.33	(0.03)	1.46	(0.02)	0.05	0.92	0.05	0.39	(0.02)	0.98	(0.03)
Estonia	0.12	2.43	0.05	3.48	(0.04)	1.60	(0.02)	0.06	1.53	0.04	0.88	(0.03)	1.26	(0.03)
Hong Kong-China	0.20	3.32	0.06	5.19	(0.04)	1.88	(0.03)	0.13	1.68	0.07	0.81	(0.03)	1.34	(0.03)
Indonesia	0.63	2.66	0.19	3.64	(0.05)	1.83	(0.04)	0.16	1.84	0.08	1.25	(0.04)	1.42	(0.02)
Israel	0.19	4.10	0.04	3.03	(0.04)	2.08	(0.02)	0.17	2.75	0.06	1.33	(0.03)	1.71	(0.03)
Jordan	0.39	5.24	0.07	3.56	(0.05)	2.38	(0.02)	0.14	3.25	0.04	1.77	(0.04)	1.85	(0.02)
Kyrgyzstan	0.37	4.32	0.08	2.74	(0.06)	2.18	(0.02)	0.14	3.30	0.04	1.70	(0.03)	1.86	(0.03)
Latvia	0.17	2.21	0.07	3.69	(0.04)	1.54	(0.02)	0.07	1.51	0.05	0.88	(0.03)	1.26	(0.03)
Liechtenstein	0.00	2.76	0.00	3.66	(0.08)	1.66	(0.05)	0.04	0.52	0.07	0.32	(0.04)	0.75	(0.08)
Lithuania	0.21	3.30	0.06	3.66	(0.04)	1.87	(0.02)	0.04	1.32	0.03	0.66	(0.02)	1.17	(0.03)
Macao-China	0.23	3.19	0.07	5.32	(0.03)	1.83	(0.02)	0.06	2.67	0.02	1.06	(0.03)	1.65	(0.03)
Montenegro	0.22	4.41	0.05	2.93	(0.04)	2.15	(0.02)	0.03	2.05	0.02	0.75	(0.02)	1.44	(0.03)
Qatar	0.52	4.21	0.11	2.90	(0.03)	2.13	(0.02)	0.12	2.97	0.04	1.59	(0.03)	1.76	(0.02)
Romania	0.63	2.55	0.20	3.30	(0.06)	1.77	(0.04)	0.12	2.64	0.04	1.52	(0.03)	1.66	(0.03)
Russian Federation	0.16	1.97	0.07	2.04	(0.04)	1.46	(0.02)	0.08	1.21	0.06	0.82	(0.03)	1.14	(0.03)
Serbia	0.23	2.35	0.09	3.17	(0.04)	1.61	(0.02)	0.05	2.10	0.02	0.93	(0.03)	1.47	(0.03)
Slovenia	0.34	2.72	0.11	3.25	(0.03)	1.73	(0.01)	0.08	1.23	0.06	0.73	(0.02)	1.13	(0.02)
Chinese Taipei	0.79	2.97	0.21	4.37	(0.05)	1.94	(0.02)	0.09	1.57	0.06	0.69	(0.02)	1.29	(0.02)
Thailand	0.50	0.78	0.39	3.10	(0.02)	1.18	(0.02)	0.15	1.12	0.12	0.56	(0.02)	1.12	(0.03)
Tunisia	0.34	4.02	0.08	3.14	(0.05)	2.09	(0.02)	0.17	3.14	0.05	1.78	(0.04)	1.82	(0.03)
Uruguay	0.20	2.68	0.07	2.74	(0.04)	1.70	(0.02)	0.06	1.41	0.04	0.65	(0.02)	1.22	(0.04)



Table 3.9d Within- and between-school variance in learning time in science, in mathematics and on the language of instruction

[Part 1/2]

	Regular school lessons								Out-of-school-time lessons					
	Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between-school variance	Mean hours per week		Standard deviation	
				Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD														
Australia	2.43	17.00	0.12	11.40	(0.07)	4.41	(0.03)	0.24	7.77	0.03	1.76	(0.04)	2.83	(0.04)
Austria	2.42	9.56	0.20	8.56	(0.09)	3.44	(0.06)	0.33	3.69	0.08	0.94	(0.04)	2.00	(0.07)
Belgium	5.34	15.70	0.25	9.70	(0.10)	4.61	(0.04)	0.40	5.63	0.07	1.32	(0.03)	2.47	(0.05)
Canada	2.66	29.59	0.08	12.93	(0.11)	5.75	(0.05)	0.40	9.87	0.04	2.35	(0.05)	3.24	(0.04)
Czech Republic	2.54	11.73	0.18	10.65	(0.11)	3.80	(0.04)	0.15	6.51	0.02	1.89	(0.04)	2.60	(0.05)
Denmark	1.02	10.54	0.09	13.16	(0.07)	3.40	(0.05)	0.43	10.92	0.04	3.83	(0.07)	3.37	(0.04)
Finland	1.24	10.03	0.11	9.71	(0.11)	3.36	(0.06)	0.07	4.01	0.02	1.06	(0.04)	2.02	(0.06)
France	3.84	10.82	0.26	10.71	(0.10)	3.83	(0.05)	0.26	7.03	0.04	2.24	(0.04)	2.70	(0.04)
Germany	1.34	14.74	0.08	10.61	(0.08)	4.01	(0.05)	0.70	7.75	0.08	1.92	(0.06)	2.91	(0.07)
Greece	3.62	14.84	0.20	9.82	(0.12)	4.25	(0.05)	2.39	15.85	0.13	5.84	(0.11)	4.25	(0.04)
Hungary	2.79	13.41	0.17	8.99	(0.10)	4.00	(0.05)	0.40	10.53	0.04	3.59	(0.06)	3.30	(0.05)
Iceland	0.75	12.87	0.06	12.24	(0.06)	3.68	(0.04)	0.38	5.49	0.06	1.46	(0.04)	2.42	(0.07)
Ireland	0.53	15.98	0.03	9.75	(0.08)	4.07	(0.06)	0.13	7.14	0.02	1.65	(0.05)	2.70	(0.06)
Italy	3.34	17.21	0.16	11.27	(0.09)	4.55	(0.05)	0.62	9.94	0.06	2.25	(0.04)	3.26	(0.05)
Japan	5.84	7.32	0.44	10.75	(0.13)	3.60	(0.07)	0.32	5.71	0.05	1.40	(0.05)	2.46	(0.06)
Korea	3.56	10.37	0.26	12.76	(0.11)	3.73	(0.09)	4.17	13.94	0.23	4.74	(0.08)	4.25	(0.06)
Luxembourg	1.44	13.29	0.10	9.71	(0.06)	3.78	(0.04)	0.28	7.68	0.03	1.93	(0.04)	2.82	(0.06)
Mexico	2.25	29.51	0.07	10.84	(0.09)	5.73	(0.04)	0.93	12.99	0.07	3.28	(0.08)	3.82	(0.07)
Netherlands	1.23	10.64	0.10	7.97	(0.07)	3.45	(0.04)	0.39	5.93	0.06	1.88	(0.05)	2.52	(0.05)
New Zealand	1.06	17.33	0.06	12.84	(0.09)	4.29	(0.06)	0.42	7.90	0.05	1.74	(0.06)	2.89	(0.07)
Norway	0.96	10.32	0.09	9.63	(0.08)	3.37	(0.05)	0.19	9.40	0.02	3.13	(0.05)	3.10	(0.04)
Poland	0.72	16.25	0.04	11.71	(0.09)	4.12	(0.05)	0.29	6.13	0.04	2.11	(0.05)	2.53	(0.06)
Portugal	1.86	20.68	0.08	10.08	(0.10)	4.75	(0.05)	0.22	7.77	0.03	1.99	(0.05)	2.83	(0.06)
Slovak Republic	6.12	8.92	0.41	8.88	(0.14)	3.86	(0.06)	0.62	7.90	0.07	2.40	(0.07)	2.93	(0.06)
Spain	1.50	13.95	0.10	10.15	(0.09)	3.98	(0.05)	0.58	11.34	0.05	2.24	(0.05)	3.47	(0.06)
Sweden	0.60	7.15	0.08	9.01	(0.07)	2.78	(0.05)	0.13	6.69	0.02	1.79	(0.04)	2.61	(0.06)
Switzerland	2.36	12.24	0.16	9.88	(0.09)	3.93	(0.05)	0.47	5.52	0.08	1.57	(0.04)	2.46	(0.06)
Turkey	5.79	16.63	0.26	10.67	(0.16)	4.75	(0.06)	1.24	17.04	0.07	5.22	(0.09)	4.28	(0.05)
United Kingdom	1.15	13.48	0.08	11.92	(0.09)	3.86	(0.05)	0.38	6.07	0.06	1.70	(0.05)	2.56	(0.05)
United States	1.57	33.39	0.04	10.95	(0.13)	5.92	(0.07)	0.42	11.88	0.03	3.04	(0.07)	3.51	(0.04)
OECD average	2.40	2.94	0.15	1.95	(0.10)	0.76	(0.05)	0.60	8.53	0.06	0.49	(0.05)	0.55	(0.06)
Partners														
Argentina	2.20	17.13	0.11	7.62	(0.16)	4.44	(0.10)	0.43	6.68	0.06	1.66	(0.07)	2.68	(0.08)
Azerbaijan	2.74	21.27	0.11	10.37	(0.12)	4.87	(0.07)	0.86	17.94	0.05	4.86	(0.10)	4.35	(0.06)
Brazil	2.36	17.92	0.12	8.46	(0.09)	4.51	(0.05)	0.64	11.15	0.05	3.15	(0.07)	3.42	(0.07)
Bulgaria	4.21	19.11	0.18	8.55	(0.17)	4.81	(0.07)	0.47	11.91	0.04	3.20	(0.08)	3.53	(0.07)
Chile	5.43	25.50	0.18	9.28	(0.17)	5.54	(0.06)	0.25	8.89	0.03	2.81	(0.06)	3.03	(0.05)
Colombia	2.70	17.17	0.14	11.66	(0.20)	4.48	(0.09)	0.37	12.00	0.03	3.31	(0.07)	3.52	(0.07)
Croatia	2.03	10.68	0.16	8.43	(0.09)	3.56	(0.04)	0.23	5.83	0.04	1.58	(0.05)	2.46	(0.06)
Estonia	0.81	17.30	0.04	10.95	(0.09)	4.25	(0.07)	0.39	8.95	0.04	2.63	(0.07)	3.06	(0.07)
Hong Kong-China	2.06	24.07	0.08	13.57	(0.11)	5.11	(0.06)	0.47	11.28	0.04	3.08	(0.08)	3.43	(0.06)
Indonesia	4.67	17.58	0.21	10.98	(0.17)	4.74	(0.08)	1.07	11.07	0.09	3.66	(0.11)	3.51	(0.05)
Israel	1.66	20.90	0.07	9.58	(0.11)	4.74	(0.07)	1.26	13.79	0.08	4.44	(0.08)	3.87	(0.06)
Jordan	2.89	31.85	0.08	10.36	(0.14)	5.94	(0.05)	0.86	17.56	0.05	5.10	(0.10)	4.32	(0.05)
Kyrgyzstan	3.18	23.19	0.12	7.80	(0.16)	5.19	(0.08)	0.97	13.90	0.07	4.60	(0.09)	3.88	(0.05)
Latvia	1.04	14.20	0.07	11.06	(0.11)	3.91	(0.05)	0.35	7.82	0.04	2.72	(0.08)	2.87	(0.05)
Liechtenstein	0.53	14.85	0.03	10.23	(0.19)	3.91	(0.12)	0.42	3.53	0.11	1.37	(0.10)	2.00	(0.13)
Lithuania	1.61	19.07	0.08	9.85	(0.10)	4.54	(0.05)	0.22	6.70	0.03	1.93	(0.05)	2.63	(0.05)
Macao-China	1.45	21.99	0.06	14.46	(0.07)	4.80	(0.05)	0.30	16.73	0.02	3.25	(0.07)	4.12	(0.08)
Montenegro	2.10	22.64	0.08	8.89	(0.09)	4.98	(0.05)	0.17	10.91	0.01	2.68	(0.05)	3.32	(0.06)
Qatar	5.55	26.71	0.17	8.68	(0.08)	5.52	(0.05)	0.56	16.92	0.03	4.90	(0.07)	4.18	(0.04)
Romania	4.02	14.30	0.22	8.58	(0.15)	4.27	(0.12)	0.53	11.88	0.04	4.04	(0.07)	3.52	(0.05)
Russian Federation	3.01	12.82	0.19	9.41	(0.13)	3.96	(0.05)	0.59	7.95	0.07	3.07	(0.07)	2.93	(0.06)
Serbia	2.77	15.02	0.16	9.32	(0.11)	4.22	(0.05)	0.22	10.15	0.02	2.66	(0.06)	3.22	(0.05)
Slovenia	4.83	16.77	0.22	9.39	(0.07)	4.66	(0.04)	0.49	8.15	0.06	2.47	(0.04)	2.90	(0.05)
Chinese Taipei	8.33	19.95	0.29	11.52	(0.15)	5.32	(0.05)	1.37	10.10	0.12	3.00	(0.06)	3.41	(0.05)
Thailand	4.11	6.78	0.38	10.69	(0.08)	3.42	(0.05)	1.44	9.07	0.14	2.40	(0.07)	3.24	(0.06)
Tunisia	2.60	18.36	0.12	9.17	(0.12)	4.58	(0.05)	0.14	15.18	0.01	6.10	(0.06)	3.91	(0.04)
Uruguay	2.36	16.43	0.13	8.49	(0.09)	4.34	(0.06)	0.23	8.14	0.03	2.08	(0.06)	2.91	(0.07)

Table 3.9d Within- and between-school variance in learning time in science, in mathematics and on the language of instruction
[Part 2/2]

	Individual study							Total learning hours						
	Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation		Between-school variance	Within-school variance	Proportion of between school variance	Mean hours per week		Standard deviation	
				Mean	S.E.	S.D.	S.E.				Mean	S.E.	S.D.	S.E.
OECD														
Australia	1.30	11.53	0.10	4.67	(0.06)	3.58	(0.05)	6.48	52.43	0.11	17.85	(0.12)	7.67	(0.09)
Austria	0.80	12.86	0.06	4.95	(0.08)	3.69	(0.06)	5.17	36.59	0.12	14.49	(0.16)	6.44	(0.11)
Belgium	1.06	9.20	0.10	4.39	(0.06)	3.22	(0.04)	10.41	41.41	0.20	15.43	(0.14)	7.25	(0.08)
Canada	1.54	15.00	0.09	5.26	(0.07)	4.15	(0.06)	7.34	75.91	0.09	20.63	(0.17)	9.26	(0.09)
Czech Republic	0.41	8.16	0.05	3.47	(0.05)	2.95	(0.06)	4.31	35.77	0.11	15.98	(0.15)	6.37	(0.10)
Denmark	0.37	9.48	0.04	5.00	(0.06)	3.13	(0.04)	3.26	45.50	0.07	21.94	(0.15)	6.98	(0.10)
Finland	0.16	5.79	0.03	3.41	(0.05)	2.44	(0.06)	1.84	26.76	0.06	14.16	(0.16)	5.35	(0.11)
France	1.21	9.43	0.11	4.56	(0.07)	3.27	(0.06)	7.96	36.03	0.18	17.55	(0.15)	6.63	(0.09)
Germany	0.58	14.33	0.04	5.87	(0.08)	3.87	(0.06)	2.71	50.95	0.05	18.44	(0.15)	7.33	(0.13)
Greece	0.82	15.72	0.05	5.79	(0.08)	4.06	(0.04)	14.71	75.01	0.16	21.48	(0.24)	9.40	(0.12)
Hungary	0.85	11.99	0.07	5.29	(0.08)	3.58	(0.05)	6.31	59.91	0.10	17.89	(0.19)	8.13	(0.11)
Iceland	0.29	10.07	0.03	4.42	(0.05)	3.22	(0.05)	2.20	36.31	0.06	18.14	(0.09)	6.19	(0.11)
Ireland	0.36	12.71	0.03	4.70	(0.08)	3.62	(0.06)	1.33	53.45	0.02	16.08	(0.15)	7.41	(0.11)
Italy	3.05	16.63	0.16	7.53	(0.07)	4.46	(0.05)	10.94	60.88	0.15	21.07	(0.17)	8.52	(0.09)
Japan	2.06	6.74	0.23	3.11	(0.10)	2.97	(0.09)	14.61	25.41	0.37	15.26	(0.22)	6.31	(0.13)
Korea	3.21	12.63	0.20	4.93	(0.12)	3.98	(0.10)	27.01	51.88	0.34	22.49	(0.25)	8.87	(0.21)
Luxembourg	0.15	10.57	0.01	4.33	(0.05)	3.27	(0.05)	2.22	41.68	0.05	15.98	(0.10)	6.57	(0.09)
Mexico	1.03	18.64	0.05	6.42	(0.08)	4.51	(0.06)	5.46	85.23	0.06	20.41	(0.19)	9.71	(0.11)
Netherlands	0.43	8.03	0.05	3.99	(0.06)	2.92	(0.06)	2.28	35.55	0.06	13.82	(0.12)	6.16	(0.10)
New Zealand	0.81	11.53	0.07	4.42	(0.07)	3.52	(0.06)	3.30	48.76	0.06	19.02	(0.14)	7.23	(0.11)
Norway	0.34	9.42	0.03	4.06	(0.06)	3.13	(0.05)	1.54	42.87	0.03	16.79	(0.12)	6.68	(0.11)
Poland	0.31	17.36	0.02	6.34	(0.07)	4.20	(0.04)	1.38	58.44	0.02	20.19	(0.14)	7.74	(0.09)
Portugal	0.46	17.24	0.03	5.83	(0.08)	4.21	(0.06)	3.06	67.92	0.04	17.94	(0.16)	8.44	(0.10)
Slovak Republic	1.43	12.23	0.10	4.81	(0.09)	3.69	(0.06)	16.43	43.01	0.28	16.11	(0.25)	7.70	(0.11)
Spain	0.88	15.60	0.05	5.58	(0.08)	4.09	(0.06)	4.70	53.56	0.08	18.08	(0.16)	7.72	(0.11)
Sweden	0.28	7.04	0.04	3.58	(0.05)	2.71	(0.08)	1.34	30.36	0.04	14.37	(0.12)	5.63	(0.16)
Switzerland	0.46	7.56	0.06	4.20	(0.04)	2.84	(0.04)	3.95	33.70	0.10	15.66	(0.13)	6.24	(0.10)
Turkey	1.08	15.91	0.06	6.11	(0.09)	4.12	(0.05)	19.65	84.77	0.19	21.88	(0.29)	10.21	(0.14)
United Kingdom	0.66	8.72	0.07	4.52	(0.06)	3.09	(0.04)	2.88	38.38	0.07	18.16	(0.14)	6.48	(0.10)
United States	0.58	16.07	0.03	5.59	(0.07)	4.08	(0.05)	1.63	89.82	0.02	19.69	(0.15)	9.56	(0.10)
OECD average	0.90	11.94	0.07	0.91	(0.07)	0.66	(0.06)	6.55	50.61	0.11	3.30	(0.16)	1.38	(0.11)
Partners														
Argentina	0.68	14.24	0.05	5.04	(0.10)	3.89	(0.09)	4.67	50.41	0.08	14.32	(0.23)	7.47	(0.15)
Azerbaijan	1.68	25.47	0.06	8.71	(0.13)	5.21	(0.07)	7.27	104.17	0.07	24.10	(0.27)	10.56	(0.14)
Brazil	0.96	15.80	0.06	5.21	(0.07)	4.09	(0.06)	5.71	66.13	0.08	16.78	(0.17)	8.44	(0.11)
Bulgaria	3.00	18.61	0.14	6.15	(0.16)	4.62	(0.06)	14.12	85.61	0.14	17.98	(0.33)	9.95	(0.13)
Chile	0.41	11.91	0.03	4.69	(0.08)	3.52	(0.05)	8.15	68.56	0.11	16.86	(0.23)	8.76	(0.09)
Colombia	0.46	16.78	0.03	5.58	(0.09)	4.16	(0.06)	3.98	66.42	0.06	20.55	(0.27)	8.44	(0.18)
Croatia	1.08	13.55	0.07	4.85	(0.07)	3.82	(0.05)	5.54	43.01	0.11	14.94	(0.15)	6.97	(0.09)
Estonia	0.37	13.64	0.03	5.11	(0.06)	3.74	(0.06)	1.79	55.60	0.03	18.71	(0.14)	7.56	(0.14)
Hong Kong-China	0.94	15.47	0.06	5.33	(0.08)	4.05	(0.06)	5.26	80.77	0.06	21.98	(0.21)	9.28	(0.11)
Indonesia	1.00	13.36	0.07	5.58	(0.08)	3.80	(0.06)	11.12	59.77	0.16	20.17	(0.25)	8.46	(0.15)
Israel	1.71	15.78	0.10	5.34	(0.11)	4.19	(0.06)	7.24	86.04	0.08	19.44	(0.24)	9.66	(0.16)
Jordan	1.16	22.46	0.05	7.90	(0.11)	4.89	(0.06)	4.55	106.16	0.04	23.35	(0.22)	10.61	(0.13)
Kyrgyzstan	0.93	24.77	0.04	6.70	(0.09)	5.09	(0.06)	6.16	103.23	0.06	19.24	(0.25)	10.54	(0.14)
Latvia	0.43	14.69	0.03	6.25	(0.08)	3.89	(0.06)	2.64	50.96	0.05	20.03	(0.19)	7.33	(0.10)
Liechtenstein	0.00	8.09	0.00	3.93	(0.15)	2.84	(0.21)	0.00	29.66	0.00	15.51	(0.23)	5.45	(0.21)
Lithuania	0.38	15.10	0.02	5.27	(0.07)	3.93	(0.06)	2.40	56.72	0.04	17.04	(0.14)	7.69	(0.10)
Macao-China	1.72	14.07	0.11	4.93	(0.07)	3.91	(0.06)	5.10	73.71	0.06	22.63	(0.15)	8.79	(0.12)
Montenegro	0.59	19.56	0.03	6.20	(0.08)	4.49	(0.05)	4.74	83.31	0.05	17.73	(0.16)	9.39	(0.11)
Qatar	0.53	18.55	0.03	6.27	(0.06)	4.36	(0.04)	6.98	103.04	0.06	19.89	(0.16)	10.42	(0.11)
Romania	1.31	15.93	0.08	5.96	(0.10)	4.15	(0.06)	11.28	74.37	0.13	18.57	(0.26)	9.22	(0.15)
Russian Federation	2.27	14.28	0.14	6.65	(0.12)	4.06	(0.07)	10.14	52.84	0.16	19.13	(0.24)	7.90	(0.14)
Serbia	0.94	15.60	0.06	5.22	(0.08)	4.07	(0.06)	6.94	64.44	0.10	17.19	(0.18)	8.45	(0.13)
Slovenia	0.74	12.02	0.06	4.93	(0.05)	3.53	(0.05)	7.80	55.81	0.12	16.84	(0.12)	7.89	(0.09)
Chinese Taipei	2.43	12.26	0.17	4.88	(0.09)	3.83	(0.05)	26.30	61.64	0.30	19.53	(0.27)	9.43	(0.11)
Thailand	1.57	12.91	0.11	5.31	(0.08)	3.82	(0.06)	15.96	42.34	0.27	18.37	(0.16)	7.81	(0.09)
Tunisia	0.39	17.88	0.02	7.29	(0.08)	4.27	(0.05)	5.30	84.90	0.06	22.60	(0.21)	9.49	(0.12)
Uruguay	0.44	10.39	0.04	4.23	(0.06)	3.31	(0.05)	3.64	51.68	0.07	14.84	(0.15)	7.47	(0.12)



Table 3.10a Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools

		Mean learning hours per week											
		Regular school lessons					Out-of-school-time lessons						
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	3.39	(0.03)	2.66	(0.08)	0.73	(0.08)	0.35	(0.01)	0.38	(0.02)	-0.03	(0.02)
	Austria	2.08	(0.13)	2.49	(0.07)	-0.41	(0.16)	0.60	(0.14)	0.19	(0.01)	0.41	(0.14)
	Belgium	2.29	(0.17)	2.64	(0.04)	-0.35	(0.17)	0.66	(0.09)	0.31	(0.01)	0.36	(0.09)
	Canada	2.72	(0.08)	4.22	(0.05)	-1.51	(0.09)	0.52	(0.02)	0.56	(0.01)	-0.04	(0.03)
	Czech Republic	2.94	(0.06)	2.93	(0.12)	0.01	(0.13)	0.60	(0.02)	0.48	(0.03)	0.12	(0.04)
	Denmark	3.20	(0.04)	4.35	(0.45)	-1.16	(0.46)	0.77	(0.02)	1.15	(0.25)	-0.38	(0.25)
	Finland	3.13	(0.04)	c	c	c	c	0.32	(0.01)	c	c	c	c
	France	1.75	(0.04)	3.55	(0.08)	-1.80	(0.09)	0.56	(0.02)	0.55	(0.02)	0.01	(0.03)
	Germany	3.11	(0.05)	1.51	(0.37)	1.60	(0.38)	0.51	(0.02)	0.39	(0.08)	0.12	(0.08)
	Greece	2.25	(0.15)	3.26	(0.05)	-1.01	(0.15)	1.41	(0.13)	2.04	(0.05)	-0.63	(0.14)
	Hungary	1.93	(0.10)	2.55	(0.05)	-0.63	(0.11)	1.28	(0.11)	0.98	(0.03)	0.30	(0.12)
	Iceland	2.96	(0.02)	c	c	c	c	0.29	(0.01)	c	c	c	c
	Ireland	2.69	(0.05)	2.30	(0.06)	0.39	(0.07)	0.38	(0.02)	0.22	(0.02)	0.16	(0.02)
	Italy	1.81	(0.22)	2.93	(0.05)	-1.12	(0.23)	0.79	(0.15)	0.58	(0.01)	0.21	(0.15)
	Japan	a	a	2.70	(0.05)	a	a	a	a	0.26	(0.01)	a	a
	Korea	3.50	(0.13)	3.59	(0.06)	-0.08	(0.14)	1.21	(0.18)	1.02	(0.04)	0.19	(0.18)
	Luxembourg	1.92	(0.03)	3.06	(0.05)	-1.14	(0.05)	0.57	(0.02)	0.38	(0.02)	0.19	(0.03)
	Mexico	3.16	(0.07)	3.15	(0.04)	0.02	(0.08)	1.18	(0.06)	0.88	(0.02)	0.30	(0.06)
	Netherlands	1.93	(0.04)	2.81	(0.07)	-0.88	(0.09)	0.59	(0.02)	0.38	(0.02)	0.21	(0.04)
	New Zealand	3.36	(0.12)	4.10	(0.04)	-0.74	(0.13)	0.52	(0.06)	0.40	(0.02)	0.12	(0.06)
Norway	2.63	(0.03)	c	c	c	c	0.94	(0.02)	c	c	c	c	
Poland	2.71	(0.04)	4.32	(0.18)	-1.61	(0.18)	0.62	(0.02)	0.49	(0.10)	0.13	(0.10)	
Portugal	2.45	(0.04)	3.97	(0.07)	-1.52	(0.08)	0.69	(0.03)	0.58	(0.02)	0.11	(0.03)	
Slovak Republic	2.38	(0.10)	2.50	(0.10)	-0.12	(0.14)	0.61	(0.03)	0.67	(0.04)	-0.06	(0.04)	
Spain	3.12	(0.04)	c	c	c	c	0.68	(0.02)	c	c	c	c	
Sweden	2.82	(0.03)	2.39	(0.43)	0.43	(0.43)	0.50	(0.01)	0.50	(0.09)	0.00	(0.09)	
Switzerland	2.17	(0.04)	3.30	(0.17)	-1.13	(0.16)	0.42	(0.01)	0.27	(0.03)	0.14	(0.03)	
Turkey	2.83	(0.32)	2.87	(0.09)	-0.04	(0.34)	1.72	(0.23)	1.33	(0.05)	0.39	(0.24)	
United Kingdom	2.88	(0.32)	4.25	(0.04)	-1.37	(0.32)	0.40	(0.12)	0.48	(0.02)	-0.08	(0.12)	
United States	2.51	(0.16)	3.64	(0.04)	-1.14	(0.16)	1.10	(0.08)	0.74	(0.02)	0.36	(0.08)	
OECD average	2.64	(0.02)	3.16	(0.03)	-0.58	(0.04)	0.72	(0.02)	0.62	(0.01)	0.10	(0.02)	
Partners	Argentina	1.77	(0.07)	2.46	(0.08)	-0.69	(0.10)	0.64	(0.05)	0.42	(0.02)	0.21	(0.05)
	Azerbaijan	2.98	(0.06)	2.63	(0.07)	0.35	(0.08)	1.32	(0.04)	1.42	(0.05)	-0.10	(0.07)
	Brazil	2.04	(0.05)	2.29	(0.04)	-0.25	(0.07)	0.80	(0.04)	0.78	(0.03)	0.02	(0.05)
	Bulgaria	2.10	(0.27)	2.67	(0.08)	-0.57	(0.27)	1.02	(0.10)	0.98	(0.03)	0.03	(0.10)
	Chile	1.15	(0.13)	2.38	(0.05)	-1.23	(0.14)	0.79	(0.14)	0.83	(0.02)	-0.04	(0.14)
	Colombia	3.38	(0.08)	3.58	(0.15)	-0.21	(0.12)	0.99	(0.04)	0.93	(0.05)	0.06	(0.07)
	Croatia	c	c	2.02	(0.04)	-1.02	(0.36)	c	c	0.43	(0.02)	0.05	(0.36)
	Estonia	3.26	(0.04)	3.94	(0.19)	-0.68	(0.19)	0.76	(0.02)	0.72	(0.12)	0.04	(0.12)
	Hong Kong-China	3.02	(0.08)	3.22	(0.08)	-0.19	(0.12)	0.65	(0.05)	1.01	(0.04)	-0.36	(0.07)
	Indonesia	2.89	(0.05)	3.61	(0.12)	-0.72	(0.14)	1.05	(0.03)	1.04	(0.09)	0.01	(0.09)
	Israel	2.53	(0.09)	2.42	(0.06)	0.11	(0.11)	1.06	(0.07)	0.97	(0.03)	0.09	(0.07)
	Jordan	3.25	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
	Kyrgyzstan	2.04	(0.06)	2.26	(0.12)	-0.22	(0.10)	1.34	(0.03)	1.42	(0.06)	-0.08	(0.06)
	Latvia	2.83	(0.06)	3.74	(0.19)	-0.91	(0.19)	0.65	(0.02)	0.58	(0.09)	0.07	(0.09)
	Liechtenstein	2.42	(0.08)	3.69	(0.30)	-1.26	(0.30)	0.55	(0.06)	0.24	(0.12)	0.31	(0.11)
	Lithuania	2.69	(0.04)	c	c	-2.31	(0.04)	0.57	(0.02)	c	c	0.57	(0.02)
	Macao-China	3.56	(0.04)	4.05	(0.05)	-0.48	(0.06)	1.05	(0.03)	0.90	(0.04)	0.16	(0.05)
	Montenegro	c	c	2.83	(0.04)	-1.71	(0.40)	c	c	1.05	(0.02)	-0.28	(0.20)
	Qatar	2.09	(0.05)	2.82	(0.04)	-0.73	(0.06)	1.52	(0.05)	1.47	(0.03)	0.04	(0.06)
	Romania	2.26	(0.07)	a	a	a	a	1.03	(0.02)	a	a	a	a
	Russian Federation	3.35	(0.14)	3.95	(0.08)	-0.60	(0.13)	1.16	(0.05)	1.10	(0.04)	0.06	(0.07)
	Serbia	2.66	(0.35)	2.86	(0.06)	-0.20	(0.35)	0.72	(0.22)	0.78	(0.02)	-0.06	(0.22)
	Slovenia	1.52	(0.24)	2.87	(0.03)	-1.34	(0.24)	0.91	(0.20)	0.71	(0.02)	0.21	(0.20)
	Chinese Taipei	3.80	(0.07)	2.44	(0.07)	1.36	(0.10)	1.37	(0.05)	0.49	(0.02)	0.88	(0.06)
	Thailand	3.47	(0.05)	3.97	(0.05)	-0.50	(0.06)	0.83	(0.05)	0.95	(0.04)	-0.11	(0.07)
	Tunisia	2.02	(0.05)	3.17	(0.07)	-1.15	(0.08)	1.73	(0.04)	2.11	(0.04)	-0.38	(0.06)
Uruguay	2.04	(0.06)	2.58	(0.06)	-0.53	(0.08)	0.70	(0.04)	0.56	(0.02)	0.14	(0.05)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.10a Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools
[Part 2/3]

	Mean learning hours per week												
	Individual study						Total learning hours						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.15	(0.02)	1.28	(0.04)	-0.14	(0.05)	4.89	(0.05)	4.31	(0.13)	0.58	(0.14)
	Austria	1.65	(0.15)	1.25	(0.03)	0.40	(0.15)	4.37	(0.28)	3.94	(0.10)	0.43	(0.29)
	Belgium	1.21	(0.09)	1.25	(0.02)	-0.04	(0.09)	4.20	(0.23)	4.20	(0.07)	-0.00	(0.23)
	Canada	1.10	(0.05)	1.63	(0.03)	-0.54	(0.05)	4.37	(0.14)	6.43	(0.06)	-2.07	(0.15)
	Czech Republic	1.06	(0.03)	0.95	(0.05)	0.11	(0.05)	4.59	(0.08)	4.36	(0.17)	0.23	(0.18)
	Denmark	1.08	(0.02)	1.84	(0.32)	-0.76	(0.32)	5.03	(0.07)	7.35	(0.95)	-2.31	(0.96)
	Finland	1.07	(0.02)	c	c	c	c	4.52	(0.06)	c	c	c	c
	France	0.96	(0.03)	1.54	(0.04)	-0.57	(0.05)	3.27	(0.07)	5.65	(0.12)	-2.38	(0.13)
	Germany	1.72	(0.03)	1.23	(0.19)	0.49	(0.19)	5.35	(0.07)	3.12	(0.54)	2.23	(0.55)
	Greece	1.56	(0.15)	1.87	(0.04)	-0.31	(0.15)	5.20	(0.30)	7.17	(0.11)	-1.97	(0.31)
	Hungary	1.56	(0.12)	1.60	(0.04)	-0.04	(0.13)	4.75	(0.23)	5.13	(0.09)	-0.38	(0.26)
	Iceland	1.16	(0.02)	c	c	c	c	4.41	(0.04)	c	c	c	c
	Ireland	1.35	(0.03)	0.97	(0.04)	0.38	(0.05)	4.40	(0.08)	3.50	(0.10)	0.91	(0.12)
	Italy	1.65	(0.25)	2.10	(0.04)	-0.45	(0.26)	4.38	(0.58)	5.60	(0.10)	-1.23	(0.59)
	Japan	a	a	0.69	(0.02)	a	a	a	a	3.65	(0.07)	a	a
	Korea	1.35	(0.08)	1.22	(0.06)	0.13	(0.10)	6.00	(0.19)	5.83	(0.14)	0.17	(0.24)
	Luxembourg	1.21	(0.02)	1.31	(0.04)	-0.09	(0.04)	3.71	(0.05)	4.74	(0.07)	-1.03	(0.08)
	Mexico	2.18	(0.06)	2.08	(0.02)	0.11	(0.06)	6.46	(0.13)	6.08	(0.07)	0.39	(0.15)
	Netherlands	1.14	(0.03)	1.40	(0.05)	-0.27	(0.05)	3.64	(0.07)	4.59	(0.13)	-0.95	(0.15)
	New Zealand	1.25	(0.07)	1.28	(0.03)	-0.03	(0.07)	5.09	(0.17)	5.78	(0.07)	-0.69	(0.18)
	Norway	1.23	(0.02)	c	c	c	c	4.79	(0.05)	c	c	c	c
	Poland	2.02	(0.03)	2.63	(0.23)	-0.61	(0.23)	5.35	(0.07)	7.44	(0.39)	-2.09	(0.39)
	Portugal	1.93	(0.05)	2.24	(0.05)	-0.31	(0.07)	5.08	(0.08)	6.76	(0.12)	-1.69	(0.14)
	Slovak Republic	1.36	(0.05)	1.41	(0.06)	-0.05	(0.08)	4.37	(0.13)	4.59	(0.18)	-0.22	(0.22)
	Spain	1.74	(0.03)	c	c	c	c	5.55	(0.07)	c	c	c	c
	Sweden	1.15	(0.02)	1.05	(0.20)	0.10	(0.21)	4.46	(0.04)	3.95	(0.69)	0.51	(0.69)
	Switzerland	1.08	(0.02)	1.29	(0.05)	-0.21	(0.05)	3.66	(0.05)	4.84	(0.21)	-1.18	(0.20)
	Turkey	2.11	(0.19)	1.62	(0.05)	0.50	(0.20)	6.60	(0.43)	5.77	(0.19)	0.83	(0.48)
	United Kingdom	0.58	(0.11)	1.45	(0.02)	-0.87	(0.11)	3.91	(0.31)	6.19	(0.05)	-2.28	(0.31)
	United States	1.49	(0.07)	1.71	(0.03)	-0.22	(0.07)	5.20	(0.16)	6.12	(0.06)	-0.91	(0.16)
	OECD average	1.38	(0.02)	1.50	(0.02)	-0.13	(0.03)	4.75	(0.04)	5.27	(0.06)	-0.60	(0.07)
Partners	Argentina	1.39	(0.05)	1.67	(0.05)	-0.28	(0.07)	3.77	(0.11)	4.54	(0.11)	-0.76	(0.15)
	Azerbaijan	2.72	(0.06)	2.52	(0.06)	0.20	(0.08)	7.01	(0.12)	6.57	(0.15)	0.44	(0.17)
	Brazil	1.70	(0.05)	1.70	(0.03)	0.01	(0.06)	4.55	(0.11)	4.77	(0.07)	-0.22	(0.13)
	Bulgaria	1.69	(0.16)	2.03	(0.06)	-0.34	(0.16)	4.81	(0.37)	5.71	(0.13)	-0.90	(0.36)
	Chile	1.07	(0.13)	1.54	(0.03)	-0.47	(0.14)	3.04	(0.34)	4.77	(0.07)	-1.72	(0.35)
	Colombia	1.80	(0.04)	1.85	(0.05)	-0.05	(0.06)	6.17	(0.11)	6.35	(0.23)	-0.18	(0.20)
	Croatia	c	c	1.46	(0.04)	c	c	c	c	3.93	(0.09)	c	c
	Estonia	1.53	(0.03)	1.81	(0.17)	-0.28	(0.17)	5.56	(0.06)	6.48	(0.33)	-0.92	(0.33)
	Hong Kong-China	1.32	(0.05)	1.51	(0.04)	-0.19	(0.06)	4.98	(0.14)	5.73	(0.13)	-0.74	(0.21)
	Indonesia	1.84	(0.04)	1.72	(0.07)	0.11	(0.09)	5.75	(0.08)	6.36	(0.23)	-0.61	(0.26)
	Israel	1.42	(0.08)	1.34	(0.04)	0.07	(0.09)	5.02	(0.19)	4.71	(0.11)	0.30	(0.21)
	Jordan	2.65	(0.04)	a	a	a	a	7.40	(0.09)	a	a	a	a
	Kyrgyzstan	2.07	(0.04)	2.33	(0.08)	-0.26	(0.09)	5.52	(0.08)	5.96	(0.18)	-0.44	(0.17)
	Latvia	1.80	(0.03)	1.84	(0.13)	-0.05	(0.14)	5.27	(0.09)	6.15	(0.33)	-0.88	(0.34)
	Liechtenstein	1.16	(0.07)	1.44	(0.22)	-0.28	(0.24)	4.14	(0.10)	5.37	(0.46)	-1.23	(0.48)
	Lithuania	1.69	(0.03)	c	c	c	c	4.94	(0.06)	c	c	c	c
	Macao-China	1.26	(0.03)	1.56	(0.04)	-0.30	(0.05)	5.87	(0.07)	6.50	(0.10)	-0.62	(0.13)
	Montenegro	c	c	2.20	(0.03)	c	c	c	c	6.09	(0.07)	-2.46	(0.80)
	Qatar	1.92	(0.05)	2.07	(0.03)	-0.15	(0.05)	5.53	(0.10)	6.40	(0.07)	-0.87	(0.12)
	Romania	1.61	(0.05)	a	a	a	a	4.88	(0.11)	a	a	a	a
	Russian Federation	2.75	(0.09)	2.94	(0.06)	-0.19	(0.10)	7.25	(0.23)	8.00	(0.14)	-0.75	(0.25)
	Serbia	1.34	(0.22)	1.72	(0.04)	-0.37	(0.22)	4.75	(0.67)	5.36	(0.10)	-0.62	(0.67)
	Slovenia	1.37	(0.15)	1.54	(0.02)	-0.17	(0.16)	3.71	(0.47)	5.13	(0.04)	-1.42	(0.47)
	Chinese Taipei	1.55	(0.05)	1.08	(0.03)	0.47	(0.06)	6.79	(0.14)	4.03	(0.11)	2.76	(0.18)
	Thailand	1.84	(0.07)	1.79	(0.03)	0.05	(0.08)	6.13	(0.11)	6.70	(0.09)	-0.57	(0.14)
	Tunisia	2.39	(0.05)	2.81	(0.06)	-0.43	(0.08)	6.11	(0.10)	8.08	(0.15)	-1.97	(0.18)
	Uruguay	1.16	(0.05)	1.39	(0.03)	-0.23	(0.06)	3.97	(0.12)	4.53	(0.09)	-0.57	(0.13)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10a Mean learning hours and allocation of total learning time in science, by lower and upper secondary schools

	Allocation of total learning time in science for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	72.1	(0.3)	64.1	(0.6)	8.0	(0.7)	5.9	(0.2)	8.2	(0.4)	-2.3	(0.4)	22.0	(0.3)	27.7	(0.4)	-5.7	(0.5)
	Austria	52.6	(2.6)	64.9	(0.6)	-12.3	(2.7)	9.9	(1.6)	3.8	(0.2)	6.0	(1.7)	37.5	(2.4)	31.3	(0.6)	6.3	(2.4)
	Belgium	58.2	(3.1)	63.7	(0.3)	-5.6	(3.1)	13.0	(1.7)	6.3	(0.2)	6.6	(1.7)	28.9	(1.9)	30.0	(0.3)	-1.1	(1.9)
	Canada	63.3	(0.7)	66.7	(0.4)	-3.4	(0.7)	10.9	(0.4)	8.1	(0.2)	2.8	(0.4)	25.8	(0.6)	25.2	(0.3)	0.6	(0.7)
	Czech Republic	67.2	(0.6)	70.3	(1.1)	-3.2	(1.3)	10.3	(0.4)	9.4	(0.5)	0.9	(0.6)	22.5	(0.4)	20.2	(0.8)	2.3	(0.9)
	Denmark	66.7	(0.5)	61.8	(2.6)	5.0	(2.6)	13.0	(0.3)	15.0	(1.8)	-2.0	(1.8)	20.3	(0.3)	23.2	(1.3)	-3.0	(1.4)
	Finland	70.9	(0.4)	c	c	c	c	5.9	(0.2)	c	c	c	c	23.1	(0.3)	c	c	c	c
	France	59.5	(0.9)	65.0	(0.6)	-5.5	(1.1)	13.7	(0.5)	9.0	(0.4)	4.7	(0.7)	26.8	(0.7)	26.0	(0.4)	0.8	(0.8)
	Germany	58.2	(0.5)	47.8	(5.4)	10.4	(5.5)	8.4	(0.3)	11.7	(3.6)	-3.3	(3.6)	33.4	(0.3)	40.4	(5.4)	-7.1	(5.4)
	Greece	46.2	(2.6)	48.5	(0.6)	-2.3	(2.7)	25.0	(1.9)	26.3	(0.5)	-1.3	(2.0)	28.8	(2.3)	25.2	(0.4)	3.6	(2.3)
	Hungary	42.1	(2.5)	52.3	(0.6)	-10.2	(2.6)	25.7	(2.1)	17.2	(0.4)	8.5	(2.2)	32.2	(1.5)	30.5	(0.4)	1.7	(1.6)
	Iceland	70.2	(0.4)	c	c	c	c	5.1	(0.2)	c	c	c	c	24.7	(0.3)	c	c	c	c
	Ireland	64.0	(0.5)	70.1	(0.7)	-6.1	(0.9)	6.9	(0.3)	4.8	(0.3)	2.2	(0.4)	29.1	(0.4)	25.1	(0.6)	4.0	(0.7)
	Italy	48.6	(2.7)	54.1	(0.3)	-5.5	(2.7)	15.2	(2.1)	9.1	(0.2)	6.1	(2.1)	36.3	(2.3)	36.9	(0.2)	-0.6	(2.3)
	Japan	a	a	78.4	(0.4)	a	a	a	a	5.2	(0.2)	a	a	a	a	16.4	(0.4)	a	a
	Korea	61.9	(1.9)	67.6	(0.6)	-5.7	(2.0)	17.3	(1.7)	13.7	(0.4)	3.6	(1.8)	20.8	(1.0)	18.7	(0.4)	2.1	(1.1)
	Luxembourg	56.2	(0.5)	66.3	(0.5)	-10.1	(0.8)	11.8	(0.4)	6.8	(0.3)	5.0	(0.5)	32.0	(0.5)	26.9	(0.5)	5.0	(0.7)
	Mexico	47.5	(0.8)	49.4	(0.4)	-1.9	(0.9)	16.6	(0.7)	13.6	(0.2)	3.0	(0.7)	36.0	(0.7)	37.0	(0.3)	-1.0	(0.8)
	Netherlands	54.0	(0.7)	62.5	(0.7)	-8.5	(0.9)	14.5	(0.4)	7.8	(0.4)	6.6	(0.6)	31.5	(0.5)	29.7	(0.6)	1.9	(0.7)
	New Zealand	67.1	(1.5)	73.5	(0.4)	-6.4	(1.5)	8.8	(0.9)	6.0	(0.2)	2.8	(1.0)	24.1	(1.1)	20.5	(0.3)	3.6	(1.1)
	Norway	59.6	(0.5)	c	c	c	c	16.9	(0.3)	c	c	c	c	23.5	(0.3)	c	c	c	c
	Poland	53.1	(0.4)	62.0	(2.6)	-8.9	(2.5)	10.3	(0.3)	4.4	(0.9)	5.9	(0.9)	36.6	(0.4)	33.6	(2.2)	3.0	(2.1)
	Portugal	50.3	(0.6)	59.8	(0.4)	-9.4	(0.7)	11.2	(0.4)	7.0	(0.3)	4.2	(0.5)	38.4	(0.6)	33.2	(0.4)	5.2	(0.7)
	Slovak Republic	58.9	(0.8)	58.6	(0.8)	0.2	(1.1)	11.7	(0.5)	11.7	(0.6)	-0.1	(0.7)	29.5	(0.7)	29.6	(0.5)	-0.2	(0.9)
	Spain	58.9	(0.3)	c	c	c	c	10.7	(0.3)	c	c	c	c	30.4	(0.3)	c	c	c	c
	Sweden	66.7	(0.6)	63.4	(2.9)	3.3	(3.0)	9.1	(0.2)	11.2	(1.2)	-2.0	(1.2)	24.1	(0.5)	25.4	(2.6)	-1.3	(2.6)
	Switzerland	61.0	(0.4)	67.3	(1.1)	-6.3	(1.1)	9.0	(0.2)	4.8	(0.5)	4.2	(0.6)	30.0	(0.3)	27.8	(0.9)	2.2	(1.0)
	Turkey	46.5	(2.9)	51.5	(0.6)	-5.0	(3.0)	21.5	(1.9)	20.9	(0.5)	0.6	(2.0)	32.0	(2.7)	27.6	(0.4)	4.4	(2.8)
	United Kingdom	76.4	(5.3)	70.7	(0.3)	5.7	(5.4)	8.8	(2.9)	6.7	(0.2)	2.0	(2.9)	14.8	(3.1)	22.6	(0.3)	-7.8	(3.1)
	United States	48.9	(2.4)	59.8	(0.4)	-10.9	(2.5)	21.1	(2.0)	11.4	(0.3)	9.6	(2.1)	30.0	(0.9)	28.8	(0.3)	1.2	(1.0)
	OECD average	58.9	(0.3)	62.3	(0.3)	-3.8	(0.5)	12.7	(0.2)	10.0	(0.2)	3.0	(0.3)	28.4	(0.2)	27.7	(0.3)	0.8	(0.4)
Partners	Argentina	48.3	(1.3)	55.0	(0.9)	-6.7	(1.6)	14.4	(1.0)	7.8	(0.3)	6.6	(1.0)	37.3	(1.2)	37.2	(0.7)	0.1	(1.4)
	Azerbaijan	43.7	(0.8)	42.2	(0.8)	1.5	(1.1)	18.8	(0.6)	20.1	(0.6)	-1.3	(0.8)	37.5	(0.5)	37.7	(0.7)	-0.2	(0.8)
	Brazil	48.6	(0.7)	51.1	(0.6)	-2.4	(1.0)	15.1	(0.7)	13.6	(0.4)	1.5	(0.7)	36.2	(0.7)	35.3	(0.4)	0.9	(0.9)
	Bulgaria	44.9	(3.6)	49.1	(0.7)	-4.1	(3.7)	18.8	(2.1)	16.1	(0.6)	2.7	(2.2)	36.2	(3.2)	34.8	(0.4)	1.4	(3.2)
	Chile	33.9	(3.0)	49.4	(0.6)	-15.6	(3.0)	31.1	(4.3)	16.0	(0.4)	15.1	(4.4)	35.0	(3.3)	34.6	(0.4)	0.4	(3.4)
	Colombia	58.3	(0.8)	59.3	(0.8)	-1.0	(0.9)	13.8	(0.6)	12.6	(0.5)	1.2	(0.8)	27.9	(0.6)	28.1	(0.5)	-0.2	(0.7)
	Croatia	c	c	54.7	(0.5)	c	c	c	c	9.8	(0.4)	c	c	59.4	(11.9)	35.5	(0.5)	23.8	(11.8)
	Estonia	61.4	(0.5)	64.3	(2.4)	-2.8	(2.4)	12.7	(0.4)	9.4	(1.3)	3.3	(1.4)	25.9	(0.3)	26.3	(2.1)	-0.4	(2.1)
	Hong Kong-China	63.7	(0.9)	58.7	(0.5)	5.0	(1.0)	11.3	(0.6)	16.1	(0.5)	-4.8	(0.6)	25.0	(0.6)	25.3	(0.4)	-0.2	(0.7)
	Indonesia	51.9	(0.7)	57.7	(1.5)	-5.8	(1.6)	16.4	(0.5)	14.7	(1.0)	1.7	(1.0)	31.8	(0.6)	27.6	(0.7)	4.2	(1.1)
	Israel	52.8	(1.4)	54.7	(0.8)	-1.8	(1.6)	19.6	(1.1)	18.1	(0.4)	1.5	(1.1)	27.6	(1.1)	27.3	(0.6)	0.3	(1.3)
	Jordan	42.9	(0.6)	a	a	a	a	20.3	(0.4)	a	a	a	a	36.8	(0.4)	a	a	a	a
	Kyrgyzstan	35.3	(0.7)	35.7	(1.2)	-0.4	(1.2)	26.1	(0.6)	25.0	(1.1)	1.2	(1.2)	38.5	(0.6)	39.3	(1.0)	-0.8	(1.3)
	Latvia	55.9	(0.5)	62.7	(1.7)	-6.8	(1.8)	10.5	(0.3)	7.4	(1.0)	3.2	(1.1)	33.6	(0.4)	30.0	(1.8)	3.6	(1.9)
	Liechtenstein	61.0	(1.5)	67.7	(3.7)	-6.7	(3.9)	11.0	(1.1)	3.5	(2.1)	7.5	(2.1)	28.0	(1.3)	28.8	(3.0)	-0.8	(3.0)
	Lithuania	57.1	(0.5)	c	c	c	c	10.1	(0.3)	c	c	10.1	(0.3)	32.8	(0.3)	37.5	(0.0)	-4.7	(0.3)
	Macao-China	64.7	(0.5)	64.9	(0.6)	-0.2	(0.7)	15.4	(0.4)	12.8	(0.5)	2.6	(0.6)	19.9	(0.4)	22.4	(0.5)	-2.4	(0.6)
	Montenegro	c	c	46.8	(0.4)	c	c	c	c	16.1	(0.3)	c	c	37.3	(17.0)	37.1	(0.5)	0.2	(17.1)
	Qatar	36.6	(0.7)	41.9	(0.4)	-5.2	(0.8)	27.8	(0.6)	23.9	(0.4)	3.9	(0.8)	35.5	(0.7)	34.2	(0.3)	1.3	(0.8)
	Romania	48.1	(0.6)	a	a	a	a	19.5	(0.5)	a	a	a	a	32.4	(0.5)	a	a	a	a
	Russian Federation	45.7	(0.9)	50.3	(0.5)	-4.6	(1.0)	17.1	(0.9)	13.8	(0.5)	3.3	(0.9)	37.2	(0.9)	36.0	(0.5)	1.3	(0.9)
	Serbia	57.4	(4.3)	56.8	(0.5)	0.6	(4.4)	13.8	(3.8)	13.4	(0.4)	0.4	(3.8)	28.8	(4.5)	29.8	(0.4)	-1.0	(4.5)
	Slovenia	43.3	(3.8)	56.2	(0.4)	-12.9	(3.8)	20.0	(3.3)	12.9	(0.3)	7.1	(3.3)	36.7	(3.7)	30.9	(0.3)	5.8	(3.7)
	Chinese Taipei	60.1	(0.7)	65.6	(0.4)	-5.5	(0.9)	17.6	(0.5)	9.4	(0.3)	8.2	(0.7)	22.3	(0.5)	25.0	(0.4)	-2.7	(0.6)
	Thailand	62.2	(0.7)	64.7	(0.4)	-2.5	(0.8)	10.7	(0.6)	9.6	(0.4)	1.0	(0.7)	27.1	(0.7)	25.7	(0.3)	1.4	(0.7)
	Tunisia	34.2	(0.6)	40.1	(0.4)	-5.9	(0.8)	27.3	(0.7)	24.6	(0.3)	2.7	(0.8)	38.5	(0.7)	35.4	(0.4)	3.2	(0.8)
	Uruguay	51.6	(1.0)	58.3	(0.6)	-6.6	(1.2)	16.3	(0.8)	10.0	(0.3)	6.3	(0.9)	32.0	(0.6)	31.7	(0.6)	0.4	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.10b Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.13	(0.03)	3.98	(0.05)	0.15	(0.05)	0.74	(0.02)	0.79	(0.03)	-0.05	(0.03)
	Austria	3.45	(0.11)	3.21	(0.05)	0.24	(0.12)	0.93	(0.15)	0.48	(0.02)	0.45	(0.15)
	Belgium	3.39	(0.17)	3.59	(0.04)	-0.20	(0.18)	0.95	(0.08)	0.53	(0.01)	0.42	(0.08)
	Canada	4.06	(0.05)	4.58	(0.04)	-0.52	(0.07)	1.13	(0.04)	0.90	(0.02)	0.22	(0.04)
	Czech Republic	4.28	(0.04)	3.73	(0.08)	0.54	(0.09)	0.78	(0.02)	0.74	(0.03)	0.04	(0.04)
	Denmark	4.43	(0.03)	4.51	(0.32)	-0.07	(0.33)	1.36	(0.03)	1.40	(0.29)	-0.04	(0.29)
	Finland	3.45	(0.04)	c	c	c	c	0.37	(0.02)	c	c	c	c
	France	3.66	(0.04)	3.96	(0.04)	-0.30	(0.06)	1.11	(0.03)	0.81	(0.02)	0.30	(0.04)
	Germany	3.91	(0.04)	2.86	(0.24)	1.05	(0.25)	0.82	(0.03)	0.75	(0.26)	0.07	(0.26)
	Greece	3.16	(0.19)	3.48	(0.05)	-0.32	(0.20)	1.14	(0.10)	2.32	(0.05)	-1.19	(0.12)
	Hungary	2.76	(0.16)	3.33	(0.04)	-0.57	(0.17)	1.59	(0.14)	1.26	(0.03)	0.33	(0.14)
	Iceland	4.74	(0.02)	c	c	c	c	0.72	(0.02)	c	c	c	c
	Ireland	3.75	(0.04)	3.51	(0.05)	0.25	(0.06)	0.87	(0.03)	0.47	(0.03)	0.40	(0.04)
	Italy	3.03	(0.23)	3.75	(0.03)	-0.72	(0.23)	1.00	(0.25)	0.88	(0.02)	0.11	(0.25)
	Japan	a	a	4.24	(0.07)	a	a	a	a	0.71	(0.03)	a	a
	Korea	3.84	(0.10)	4.72	(0.05)	-0.88	(0.11)	1.87	(0.24)	2.28	(0.04)	-0.41	(0.24)
	Luxembourg	3.87	(0.03)	3.82	(0.04)	0.05	(0.05)	0.97	(0.03)	0.58	(0.03)	0.39	(0.04)
	Mexico	3.63	(0.07)	4.19	(0.04)	-0.56	(0.08)	1.33	(0.06)	1.07	(0.02)	0.26	(0.07)
	Netherlands	2.79	(0.04)	3.10	(0.05)	-0.31	(0.07)	0.74	(0.03)	0.54	(0.03)	0.21	(0.04)
	New Zealand	3.89	(0.10)	4.41	(0.03)	-0.53	(0.11)	0.93	(0.10)	0.67	(0.02)	0.26	(0.10)
	Norway	3.39	(0.03)	c	c	c	c	1.05	(0.02)	c	c	c	c
	Poland	4.36	(0.04)	4.13	(0.21)	0.23	(0.21)	0.78	(0.02)	0.50	(0.09)	0.28	(0.09)
	Portugal	3.07	(0.05)	4.14	(0.05)	-1.08	(0.06)	0.84	(0.03)	0.79	(0.04)	0.05	(0.04)
	Slovak Republic	4.20	(0.07)	2.74	(0.06)	1.46	(0.09)	1.06	(0.04)	0.78	(0.03)	0.28	(0.05)
	Spain	3.42	(0.03)	c	c	c	c	0.99	(0.02)	c	c	c	c
	Sweden	3.09	(0.03)	3.28	(0.20)	-0.19	(0.20)	0.61	(0.02)	0.54	(0.06)	0.07	(0.06)
Switzerland	4.01	(0.04)	3.13	(0.11)	0.88	(0.12)	0.76	(0.03)	0.42	(0.03)	0.35	(0.04)	
Turkey	3.47	(0.22)	3.84	(0.06)	-0.36	(0.23)	1.83	(0.20)	2.09	(0.05)	-0.26	(0.20)	
United Kingdom	3.61	(0.29)	3.78	(0.03)	-0.16	(0.29)	0.73	(0.17)	0.63	(0.02)	0.10	(0.17)	
United States	3.02	(0.12)	3.87	(0.04)	-0.86	(0.12)	1.42	(0.07)	1.11	(0.03)	0.32	(0.07)	
OECD average	3.65	(0.02)	3.76	(0.02)	-0.11	(0.03)	1.01	(0.02)	0.92	(0.02)	0.12	(0.03)	
Partners	Argentina	2.41	(0.06)	3.17	(0.08)	-0.77	(0.10)	0.87	(0.05)	0.74	(0.04)	0.14	(0.06)
	Azerbaijan	3.96	(0.07)	3.54	(0.09)	0.43	(0.11)	1.62	(0.06)	1.81	(0.06)	-0.19	(0.08)
	Brazil	2.75	(0.06)	3.34	(0.04)	-0.59	(0.08)	1.22	(0.04)	1.21	(0.04)	0.01	(0.06)
	Bulgaria	2.58	(0.19)	3.01	(0.07)	-0.43	(0.20)	1.02	(0.11)	1.14	(0.04)	-0.12	(0.12)
	Chile	2.31	(0.20)	3.54	(0.06)	-1.22	(0.21)	1.37	(0.14)	0.98	(0.03)	0.40	(0.14)
	Colombia	3.86	(0.08)	4.45	(0.07)	-0.59	(0.09)	1.21	(0.05)	1.24	(0.04)	-0.03	(0.07)
	Croatia	c	c	3.05	(0.04)	c	c	c	c	0.76	(0.02)	c	c
	Estonia	4.19	(0.04)	4.45	(0.17)	-0.26	(0.18)	1.00	(0.03)	0.73	(0.12)	0.26	(0.13)
	Hong Kong-China	4.89	(0.06)	5.43	(0.05)	-0.54	(0.07)	1.20	(0.06)	1.51	(0.04)	-0.31	(0.07)
	Indonesia	4.04	(0.08)	4.13	(0.10)	-0.09	(0.12)	1.56	(0.06)	1.15	(0.07)	0.41	(0.10)
	Israel	4.08	(0.11)	4.13	(0.04)	-0.05	(0.11)	2.08	(0.10)	2.16	(0.05)	-0.09	(0.10)
	Jordan	3.48	(0.05)	a	a	a	a	1.82	(0.04)	a	a	a	a
	Kyrgyzstan	2.88	(0.05)	2.89	(0.09)	-0.01	(0.09)	1.57	(0.04)	1.49	(0.06)	0.08	(0.06)
	Latvia	4.49	(0.04)	4.39	(0.15)	0.11	(0.15)	1.21	(0.04)	0.86	(0.08)	0.35	(0.09)
	Liechtenstein	4.05	(0.09)	3.42	(0.20)	0.63	(0.21)	0.63	(0.05)	0.24	(0.08)	0.39	(0.10)
	Lithuania	3.50	(0.04)	c	c	c	c	0.74	(0.02)	c	c	c	c
	Macao-China	5.18	(0.04)	5.80	(0.04)	-0.62	(0.05)	1.26	(0.03)	1.10	(0.05)	0.16	(0.06)
	Montenegro	c	c	3.09	(0.04)	c	c	c	c	0.93	(0.02)	c	c
	Qatar	2.70	(0.06)	3.23	(0.03)	-0.52	(0.07)	1.95	(0.06)	1.82	(0.03)	0.13	(0.06)
	Romania	3.01	(0.07)	a	a	a	a	1.50	(0.03)	a	a	a	a
	Russian Federation	3.41	(0.07)	3.76	(0.07)	-0.35	(0.07)	1.20	(0.05)	1.09	(0.04)	0.11	(0.06)
	Serbia	3.50	(0.36)	3.27	(0.04)	0.23	(0.35)	1.28	(0.25)	0.96	(0.02)	0.32	(0.25)
	Slovenia	2.97	(0.32)	3.34	(0.03)	-0.37	(0.32)	1.35	(0.30)	1.01	(0.02)	0.34	(0.30)
	Chinese Taipei	4.21	(0.06)	4.28	(0.08)	-0.06	(0.10)	1.76	(0.06)	1.41	(0.05)	0.35	(0.08)
	Thailand	3.68	(0.04)	3.82	(0.04)	-0.14	(0.05)	0.99	(0.05)	0.89	(0.04)	0.10	(0.07)
	Tunisia	2.92	(0.05)	3.82	(0.05)	-0.91	(0.07)	2.24	(0.04)	2.59	(0.05)	-0.35	(0.07)
Uruguay	2.82	(0.07)	3.56	(0.04)	-0.74	(0.08)	0.89	(0.05)	0.81	(0.03)	0.08	(0.05)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10b Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.74	(0.03)	1.99	(0.04)	-0.25	(0.04)	6.62	(0.05)	6.76	(0.08)	-0.15	(0.08)
	Austria	2.67	(0.13)	2.09	(0.04)	0.57	(0.13)	7.12	(0.24)	5.80	(0.08)	1.33	(0.24)
	Belgium	1.65	(0.10)	1.79	(0.03)	-0.14	(0.10)	6.02	(0.26)	5.93	(0.06)	0.08	(0.25)
	Canada	1.72	(0.05)	2.01	(0.03)	-0.30	(0.05)	6.98	(0.11)	7.53	(0.07)	-0.55	(0.12)
	Czech Republic	1.35	(0.03)	1.29	(0.05)	0.06	(0.06)	6.39	(0.06)	5.75	(0.13)	0.65	(0.14)
	Denmark	1.74	(0.02)	2.36	(0.43)	-0.63	(0.44)	7.51	(0.06)	8.27	(0.92)	-0.76	(0.94)
	Finland	1.20	(0.02)	c	c	c	c	5.02	(0.06)	9.00	(0.00)	-3.98	(0.06)
	France	1.52	(0.04)	1.88	(0.05)	-0.36	(0.06)	6.29	(0.08)	6.64	(0.08)	-0.35	(0.11)
	Germany	2.28	(0.03)	1.98	(0.20)	0.30	(0.20)	7.03	(0.07)	5.65	(0.59)	1.38	(0.59)
	Greece	1.68	(0.11)	2.03	(0.04)	-0.35	(0.12)	6.00	(0.28)	7.85	(0.10)	-1.85	(0.30)
	Hungary	1.88	(0.14)	1.84	(0.04)	0.05	(0.14)	6.20	(0.32)	6.44	(0.09)	-0.24	(0.33)
	Iceland	1.71	(0.02)	c	c	c	c	7.17	(0.05)	7.48	(0.48)	-0.31	(0.48)
	Ireland	1.93	(0.04)	1.50	(0.05)	0.43	(0.05)	6.55	(0.08)	5.48	(0.10)	1.07	(0.12)
	Italy	1.92	(0.32)	2.49	(0.03)	-0.58	(0.33)	6.22	(0.72)	7.13	(0.07)	-0.91	(0.73)
	Japan	a	a	1.48	(0.06)	a	a	a	a	6.43	(0.13)	a	a
	Korea	1.77	(0.25)	2.32	(0.07)	-0.55	(0.25)	7.46	(0.28)	9.36	(0.13)	-1.89	(0.30)
	Luxembourg	1.76	(0.03)	1.62	(0.03)	0.14	(0.04)	6.64	(0.06)	6.04	(0.07)	0.60	(0.09)
	Mexico	2.26	(0.06)	2.26	(0.02)	-0.01	(0.07)	7.15	(0.14)	7.50	(0.06)	-0.35	(0.15)
	Netherlands	1.37	(0.04)	1.74	(0.04)	-0.37	(0.06)	4.89	(0.08)	5.37	(0.08)	-0.49	(0.11)
	New Zealand	1.49	(0.09)	1.59	(0.03)	-0.10	(0.09)	6.28	(0.20)	6.68	(0.05)	-0.41	(0.20)
Norway	1.40	(0.03)	c	c	c	c	5.83	(0.06)	6.55	(0.84)	-0.72	(0.84)	
Poland	2.09	(0.03)	2.31	(0.18)	-0.22	(0.19)	7.23	(0.06)	6.92	(0.38)	0.31	(0.39)	
Portugal	1.77	(0.04)	2.16	(0.04)	-0.39	(0.06)	5.67	(0.09)	7.08	(0.08)	-1.40	(0.11)	
Slovak Republic	1.89	(0.05)	1.56	(0.04)	0.32	(0.07)	7.18	(0.13)	5.09	(0.11)	2.09	(0.17)	
Spain	1.96	(0.03)	c	c	c	c	6.41	(0.06)	6.48	(0.56)	-0.07	(0.56)	
Sweden	1.18	(0.02)	1.39	(0.24)	-0.22	(0.24)	4.87	(0.04)	5.23	(0.44)	-0.36	(0.44)	
Switzerland	1.74	(0.02)	1.44	(0.05)	0.30	(0.05)	6.53	(0.06)	4.99	(0.15)	1.54	(0.16)	
Turkey	1.92	(0.12)	2.32	(0.05)	-0.41	(0.13)	7.16	(0.36)	8.22	(0.14)	-1.06	(0.39)	
United Kingdom	1.20	(0.31)	1.49	(0.02)	-0.29	(0.31)	5.64	(0.49)	5.90	(0.05)	-0.26	(0.50)	
United States	1.82	(0.09)	2.08	(0.03)	-0.25	(0.09)	6.39	(0.19)	7.09	(0.07)	-0.70	(0.19)	
OECD average	1.75	(0.02)	1.89	(0.02)	-0.13	(0.03)	6.43	(0.04)	6.69	(0.06)	-0.27	(0.07)	
Partners	Argentina	1.72	(0.08)	1.86	(0.05)	-0.14	(0.10)	5.04	(0.14)	5.76	(0.13)	-0.72	(0.19)
	Azerbaijan	2.96	(0.08)	2.92	(0.08)	0.04	(0.10)	8.61	(0.17)	8.32	(0.18)	0.30	(0.23)
	Brazil	1.71	(0.05)	1.84	(0.04)	-0.12	(0.06)	5.64	(0.12)	6.38	(0.08)	-0.74	(0.15)
	Bulgaria	1.81	(0.18)	2.10	(0.06)	-0.29	(0.18)	5.32	(0.37)	6.29	(0.15)	-0.98	(0.39)
	Chile	1.69	(0.22)	1.60	(0.03)	0.09	(0.21)	5.48	(0.53)	6.15	(0.09)	-0.67	(0.52)
	Colombia	1.82	(0.05)	2.00	(0.04)	-0.18	(0.06)	6.91	(0.12)	7.67	(0.11)	-0.75	(0.16)
	Croatia	c	c	1.80	(0.03)	c	c	6.38	(0.87)	5.66	(0.06)	0.73	(0.87)
	Estonia	1.95	(0.03)	2.23	(0.20)	-0.27	(0.20)	7.14	(0.07)	7.44	(0.36)	-0.29	(0.36)
	Hong Kong-China	1.99	(0.07)	2.38	(0.05)	-0.39	(0.09)	8.08	(0.14)	9.32	(0.09)	-1.24	(0.16)
	Indonesia	2.07	(0.04)	1.91	(0.05)	0.16	(0.06)	7.66	(0.15)	7.20	(0.13)	0.46	(0.18)
	Israel	2.24	(0.10)	2.34	(0.06)	-0.10	(0.11)	8.47	(0.24)	8.73	(0.11)	-0.26	(0.24)
	Jordan	2.69	(0.04)	a	a	a	a	7.96	(0.08)	a	a	a	a
	Kyrgyzstan	2.19	(0.04)	2.28	(0.07)	-0.09	(0.08)	6.73	(0.10)	6.65	(0.17)	0.08	(0.18)
	Latvia	2.46	(0.04)	2.01	(0.14)	0.45	(0.14)	8.17	(0.09)	7.26	(0.30)	0.91	(0.30)
	Liechtenstein	1.50	(0.07)	1.44	(0.15)	0.05	(0.16)	6.17	(0.13)	5.10	(0.28)	1.07	(0.32)
	Lithuania	1.78	(0.03)	c	c	c	c	6.02	(0.06)	6.00	(0.00)	0.02	(0.06)
	Macao-China	1.80	(0.03)	2.51	(0.05)	-0.71	(0.05)	8.24	(0.07)	9.41	(0.09)	-1.17	(0.12)
	Montenegro	c	c	2.03	(0.03)	c	c	4.14	(0.84)	6.03	(0.07)	-1.89	(0.85)
	Qatar	2.17	(0.05)	2.24	(0.03)	-0.07	(0.05)	6.81	(0.12)	7.32	(0.07)	-0.51	(0.13)
	Romania	2.16	(0.04)	a	a	a	a	6.67	(0.11)	a	a	a	a
Russian Federation	2.16	(0.07)	2.26	(0.05)	-0.10	(0.08)	6.77	(0.13)	7.12	(0.12)	-0.35	(0.15)	
Serbia	1.75	(0.26)	1.82	(0.03)	-0.07	(0.26)	6.63	(0.64)	6.04	(0.07)	0.59	(0.63)	
Slovenia	1.67	(0.21)	1.93	(0.02)	-0.26	(0.21)	5.99	(0.59)	6.31	(0.05)	-0.31	(0.60)	
Chinese Taipei	1.78	(0.05)	1.93	(0.05)	-0.15	(0.07)	7.82	(0.14)	7.67	(0.16)	0.15	(0.21)	
Thailand	1.83	(0.05)	1.80	(0.03)	0.03	(0.06)	6.48	(0.09)	6.51	(0.09)	-0.02	(0.12)	
Tunisia	2.39	(0.05)	2.73	(0.06)	-0.34	(0.08)	7.54	(0.10)	9.13	(0.14)	-1.59	(0.17)	
Uruguay	1.45	(0.05)	1.64	(0.03)	-0.19	(0.06)	5.21	(0.12)	6.00	(0.08)	-0.79	(0.14)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.10b Mean learning hours and allocation of total learning time in mathematics, by lower and upper secondary schools
[Part 3/3]

	Allocation of total learning time in mathematics for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	66.5	(0.3)	63.0	(0.6)	3.5	(0.6)	9.1	(0.2)	9.9	(0.4)	-0.9	(0.4)	24.4	(0.3)	27.1	(0.4)	-2.7	(0.4)
	Austria	51.0	(2.1)	59.0	(0.5)	-8.0	(2.2)	12.1	(1.6)	6.3	(0.2)	5.8	(1.6)	36.9	(1.7)	34.7	(0.4)	2.2	(1.7)
	Belgium	57.7	(1.9)	63.3	(0.3)	-5.7	(1.9)	15.8	(1.5)	7.7	(0.2)	8.1	(1.5)	26.6	(1.1)	29.0	(0.3)	-2.4	(1.2)
	Canada	61.2	(0.6)	63.7	(0.3)	-2.5	(0.6)	14.5	(0.4)	10.9	(0.2)	3.6	(0.4)	24.3	(0.4)	25.4	(0.2)	-1.1	(0.5)
	Czech Republic	70.5	(0.6)	70.2	(0.7)	0.3	(0.9)	9.9	(0.3)	9.7	(0.3)	0.2	(0.4)	19.6	(0.4)	20.1	(0.5)	-0.6	(0.7)
	Denmark	62.4	(0.3)	56.8	(2.5)	5.6	(2.5)	16.0	(0.3)	16.2	(2.5)	-0.2	(2.5)	21.6	(0.2)	26.9	(2.2)	-5.3	(2.2)
	Finland	71.1	(0.3)	c	c	c	c	6.0	(0.2)	c	c	c	c	22.9	(0.2)	c	c	c	c
	France	61.7	(0.6)	63.1	(0.4)	-1.4	(0.7)	15.9	(0.4)	10.6	(0.3)	5.3	(0.5)	22.5	(0.4)	26.3	(0.4)	-3.8	(0.5)
	Germany	58.5	(0.3)	53.5	(1.9)	5.1	(1.9)	9.8	(0.3)	11.2	(2.7)	-1.4	(2.8)	31.7	(0.3)	35.3	(1.4)	-3.6	(1.4)
	Greece	56.1	(2.2)	48.8	(0.5)	7.3	(2.3)	16.3	(1.3)	26.8	(0.5)	-10.4	(1.4)	27.6	(1.8)	24.4	(0.4)	3.2	(1.9)
	Hungary	45.2	(2.3)	55.0	(0.4)	-9.8	(2.3)	23.8	(1.6)	17.3	(0.3)	6.5	(1.7)	31.0	(1.2)	27.8	(0.3)	3.3	(1.2)
	Iceland	69.4	(0.3)	c	c	c	c	8.5	(0.2)	c	c	c	c	22.1	(0.2)	c	c	c	c
	Ireland	60.6	(0.4)	68.4	(0.6)	-7.8	(0.7)	11.2	(0.3)	6.7	(0.3)	4.5	(0.4)	28.2	(0.4)	24.9	(0.5)	3.3	(0.6)
	Italy	54.2	(3.5)	55.0	(0.2)	-0.8	(3.5)	15.0	(3.1)	10.7	(0.2)	4.3	(3.2)	30.7	(2.7)	34.3	(0.2)	-3.5	(2.7)
	Japan	a	a	71.7	(0.5)	a	a	a	a	8.7	(0.3)	a	a	a	a	19.6	(0.4)	a	a
	Korea	58.9	(2.8)	56.9	(0.5)	1.9	(2.8)	21.2	(2.3)	20.9	(0.3)	0.3	(2.3)	20.0	(2.6)	22.2	(0.4)	-2.2	(2.7)
	Luxembourg	61.5	(0.4)	66.4	(0.5)	-4.9	(0.7)	12.9	(0.3)	8.0	(0.3)	4.9	(0.5)	25.6	(0.3)	25.6	(0.4)	-0.1	(0.5)
	Mexico	50.5	(0.7)	57.5	(0.4)	-7.0	(0.8)	16.7	(0.6)	12.7	(0.3)	4.0	(0.7)	32.9	(0.5)	29.8	(0.3)	3.1	(0.6)
	Netherlands	59.6	(0.6)	61.0	(0.7)	-1.3	(1.0)	13.6	(0.5)	8.4	(0.4)	5.1	(0.6)	26.8	(0.4)	30.6	(0.5)	-3.8	(0.7)
	New Zealand	64.7	(1.4)	69.9	(0.4)	-5.1	(1.4)	12.1	(1.0)	8.3	(0.3)	3.9	(1.0)	23.1	(0.9)	21.8	(0.3)	1.3	(1.0)
	Norway	62.2	(0.4)	c	c	c	c	16.0	(0.3)	c	c	c	c	21.9	(0.3)	c	c	c	c
	Poland	62.5	(0.3)	63.4	(1.8)	-0.9	(1.7)	10.1	(0.3)	5.6	(0.8)	4.5	(0.8)	27.4	(0.3)	31.0	(1.6)	-3.6	(1.6)
	Portugal	56.9	(0.6)	60.9	(0.4)	-4.0	(0.6)	13.6	(0.4)	9.5	(0.4)	4.0	(0.6)	29.5	(0.5)	29.6	(0.4)	-0.1	(0.6)
	Slovak Republic	62.4	(0.7)	59.6	(0.7)	2.8	(1.0)	13.0	(0.4)	12.3	(0.4)	0.7	(0.5)	24.6	(0.5)	28.2	(0.5)	-3.6	(0.7)
	Spain	57.7	(0.3)	c	c	c	c	13.1	(0.2)	c	c	c	c	29.3	(0.3)	c	c	c	c
	Sweden	68.1	(0.5)	66.6	(2.3)	1.5	(2.3)	9.9	(0.2)	10.4	(1.8)	-0.5	(1.8)	22.0	(0.4)	23.0	(2.1)	-1.0	(2.1)
	Switzerland	63.4	(0.4)	64.2	(0.9)	-0.7	(1.0)	10.2	(0.3)	6.9	(0.5)	3.3	(0.6)	26.4	(0.2)	28.9	(0.7)	-2.6	(0.8)
	Turkey	49.8	(3.5)	50.8	(0.4)	-1.0	(3.5)	23.9	(2.9)	22.6	(0.4)	1.2	(2.9)	26.3	(2.7)	26.6	(0.3)	-0.2	(2.7)
	United Kingdom	68.9	(4.2)	67.1	(0.3)	1.8	(4.2)	10.8	(2.3)	8.9	(0.2)	2.0	(2.4)	20.3	(3.6)	24.0	(0.2)	-3.7	(3.6)
	United States	47.3	(1.8)	56.5	(0.4)	-9.1	(1.9)	22.3	(1.0)	14.4	(0.4)	7.9	(1.0)	30.3	(1.1)	29.1	(0.3)	1.2	(1.2)
	OECD average	60.0	(0.3)	61.2	(0.2)	-1.6	(0.4)	13.4	(0.2)	11.6	(0.2)	2.6	(0.3)	26.1	(0.2)	27.2	(0.2)	-1.1	(0.3)
Partners	Argentina	50.3	(1.1)	56.7	(0.7)	-6.5	(1.3)	15.1	(1.0)	11.4	(0.5)	3.7	(1.1)	34.7	(0.8)	31.9	(0.5)	2.7	(1.0)
	Azerbaijan	48.4	(0.7)	45.4	(0.6)	3.0	(0.8)	17.6	(0.5)	20.0	(0.6)	-2.4	(0.8)	34.1	(0.6)	34.6	(0.6)	-0.5	(0.8)
	Brazil	51.7	(0.8)	55.6	(0.6)	-3.9	(1.0)	19.3	(0.8)	16.4	(0.4)	2.8	(0.9)	29.0	(0.6)	27.9	(0.5)	1.1	(0.7)
	Bulgaria	50.2	(3.0)	51.3	(0.5)	-1.1	(3.0)	18.6	(1.5)	16.3	(0.5)	2.4	(1.5)	31.2	(2.5)	32.5	(0.4)	-1.3	(2.5)
	Chile	43.8	(1.5)	57.4	(0.5)	-13.6	(1.7)	26.4	(2.4)	14.7	(0.3)	11.7	(2.5)	29.9	(2.2)	28.0	(0.4)	1.9	(2.3)
	Colombia	58.5	(0.9)	62.1	(0.5)	-3.6	(0.9)	15.4	(0.7)	13.5	(0.4)	2.0	(0.8)	26.0	(0.6)	24.4	(0.4)	1.6	(0.6)
	Croatia	c	c	58.4	(0.5)	c	c	c	c	c	c	16.5	(17.7)	c	c	30.2	(0.4)	c	c
	Estonia	62.2	(0.4)	63.6	(2.0)	-1.4	(2.0)	12.4	(0.3)	8.5	(1.4)	3.9	(1.5)	25.4	(0.3)	27.9	(1.7)	-2.4	(1.7)
	Hong Kong-China	63.9	(0.9)	61.9	(0.5)	2.0	(1.0)	13.3	(0.5)	14.5	(0.3)	-1.2	(0.5)	22.8	(0.6)	23.7	(0.3)	-0.8	(0.7)
	Indonesia	54.0	(0.6)	60.5	(1.0)	-6.5	(1.3)	18.9	(0.5)	13.6	(0.7)	5.3	(0.9)	27.1	(0.4)	25.9	(0.5)	1.2	(0.7)
	Israel	52.0	(1.1)	51.3	(0.7)	0.7	(1.2)	23.0	(0.8)	23.1	(0.3)	-0.2	(0.9)	25.0	(0.8)	25.6	(0.5)	-0.5	(0.9)
	Jordan	43.2	(0.5)	c	c	c	c	22.3	(0.5)	c	c	c	c	34.5	(0.4)	c	c	c	c
	Kyrgyzstan	41.8	(0.6)	42.7	(0.8)	-0.9	(0.9)	24.8	(0.6)	22.0	(0.7)	2.7	(0.8)	33.5	(0.5)	35.3	(0.8)	-1.8	(1.0)
	Latvia	58.0	(0.4)	64.1	(1.8)	-6.1	(1.9)	13.4	(0.4)	11.2	(1.4)	2.2	(1.5)	28.6	(0.3)	24.7	(1.5)	3.9	(1.5)
	Liechtenstein	66.3	(1.2)	69.7	(2.8)	-3.4	(2.9)	9.1	(0.7)	3.7	(1.2)	5.4	(1.5)	24.5	(1.0)	26.6	(2.4)	-2.0	(2.3)
	Lithuania	60.7	(0.4)	a	a	a	a	11.5	(0.3)	a	a	a	a	27.8	(0.3)	a	a	a	a
	Macao-China	66.7	(0.5)	65.4	(0.4)	1.3	(0.6)	12.9	(0.3)	10.0	(0.4)	2.9	(0.5)	20.3	(0.4)	24.6	(0.4)	-4.2	(0.5)
	Montenegro	c	c	52.4	(0.4)	c	c	c	c	13.5	(0.3)	c	c	c	c	34.1	(0.4)	c	c
	Qatar	39.2	(0.7)	44.4	(0.3)	-5.2	(0.8)	28.1	(0.7)	24.3	(0.3)	3.8	(0.8)	32.6	(0.6)	31.3	(0.3)	1.4	(0.6)
	Romania	49.5	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	30.7	(0.4)	a	a	a	a
	Russian Federation	51.5	(0.9)	55.3	(0.5)	-3.8	(0.9)	17.8	(1.0)	14.4	(0.5)	3.4	(0.9)	30.7	(0.6)	30.2	(0.4)	0.4	(0.7)
	Serbia	59.6	(4.6)	59.3	(0.5)	0.4	(4.6)	16.6	(2.6)	12.9	(0.3)	3.7	(2.5)	23.8	(3.0)	27.8	(0.4)	-4.0	(3.1)
	Slovenia	48.8	(3.2)	55.9	(0.3)	-7.0	(3.2)	20.6	(2.3)	14.1	(0.2)	6.5	(2.3)	30.6	(4.5)	30.0	(0.3)	0.5	(4.5)
	Chinese Taipei	57.7	(0.6)	60.7	(0.5)	-3.0	(0.8)	19.9	(0.5)	15.4	(0.3)	4.5	(0.7)	22.4	(0.3)	23.9	(0.3)	-1.5	(0.4)
	Thailand	62.4	(0.9)	63.9	(0.4)	-1.5	(0.9)	12.2	(0.6)	9.9	(0.3)	2.3	(0.7)	25.4	(0.6)	26.2	(0.3)	-0.8	(0.7)
	Tunisia	39.3	(0.6)	43.8	(0.4)	-4.5	(0.8)	28.1	(0.5)	26.2	(0.3)	1.8	(0.6)	32.6	(0.5)	30.0	(0.4)	2.6	(0.7)
	Uruguay	56.0	(0.9)	62.9	(0.4)	-6.9	(1.0)	15.5	(0.7)	11.0	(0.3)	4.4	(0.8)	28.5	(0.7)	26.0	(0.3)	2.5	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10c Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools

	Mean learning hours per week											
	Regular school lessons						Out-of-school-time lessons					
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD												
Australia	4.07	(0.03)	4.02	(0.05)	0.05	(0.05)	0.65	(0.02)	0.71	(0.03)	-0.07	(0.04)
Austria	3.56	(0.13)	2.82	(0.04)	0.74	(0.14)	0.54	(0.12)	0.22	(0.02)	0.32	(0.12)
Belgium	3.52	(0.19)	3.48	(0.03)	0.04	(0.19)	0.96	(0.10)	0.44	(0.01)	0.52	(0.10)
Canada	4.14	(0.06)	4.48	(0.04)	-0.34	(0.07)	0.98	(0.04)	0.84	(0.02)	0.14	(0.04)
Czech Republic	4.03	(0.04)	3.43	(0.05)	0.60	(0.06)	0.62	(0.02)	0.61	(0.02)	0.01	(0.03)
Denmark	5.52	(0.04)	3.96	(0.16)	1.56	(0.17)	1.69	(0.03)	1.17	(0.19)	0.52	(0.20)
Finland	3.13	(0.05)	c	c	c	c	0.36	(0.01)	c	c	c	c
France	3.81	(0.05)	4.14	(0.03)	-0.33	(0.06)	1.00	(0.03)	0.62	(0.03)	0.38	(0.04)
Germany	3.68	(0.03)	2.99	(0.21)	0.69	(0.21)	0.61	(0.02)	0.52	(0.22)	0.09	(0.22)
Greece	2.68	(0.21)	3.22	(0.04)	-0.53	(0.21)	1.42	(0.16)	1.65	(0.03)	-0.23	(0.16)
Hungary	2.46	(0.13)	3.24	(0.04)	-0.78	(0.14)	1.52	(0.13)	1.29	(0.03)	0.23	(0.13)
Iceland	4.53	(0.02)	c	c	c	c	0.46	(0.02)	c	c	c	c
Ireland	3.61	(0.04)	3.45	(0.05)	0.16	(0.06)	0.72	(0.03)	0.49	(0.03)	0.23	(0.03)
Italy	3.92	(0.20)	4.63	(0.03)	-0.71	(0.21)	1.55	(0.26)	0.78	(0.02)	0.77	(0.27)
Japan	a	a	3.82	(0.04)	a	a	a	a	0.43	(0.02)	a	a
Korea	3.86	(0.19)	4.49	(0.04)	-0.63	(0.20)	1.29	(0.26)	1.45	(0.04)	-0.16	(0.26)
Luxembourg	3.53	(0.03)	3.46	(0.04)	0.08	(0.05)	0.77	(0.02)	0.28	(0.02)	0.49	(0.03)
Mexico	3.64	(0.07)	3.80	(0.04)	-0.16	(0.09)	1.29	(0.06)	0.96	(0.02)	0.33	(0.06)
Netherlands	2.97	(0.03)	2.79	(0.04)	0.18	(0.05)	0.76	(0.02)	0.31	(0.02)	0.45	(0.03)
New Zealand	3.81	(0.10)	4.43	(0.03)	-0.62	(0.10)	0.87	(0.09)	0.64	(0.03)	0.23	(0.10)
Norway	3.60	(0.04)	c	c	c	c	1.16	(0.02)	c	c	c	c
Poland	4.64	(0.03)	4.97	(0.19)	-0.33	(0.19)	0.71	(0.03)	0.32	(0.08)	0.39	(0.08)
Portugal	3.01	(0.04)	3.52	(0.03)	-0.52	(0.05)	0.78	(0.03)	0.35	(0.02)	0.44	(0.03)
Slovak Republic	4.07	(0.07)	2.56	(0.05)	1.51	(0.09)	1.03	(0.03)	0.80	(0.03)	0.23	(0.05)
Spain	3.60	(0.03)	c	c	c	c	0.58	(0.02)	c	c	c	c
Sweden	3.12	(0.03)	3.07	(0.15)	0.05	(0.15)	0.68	(0.02)	0.73	(0.11)	-0.05	(0.11)
Switzerland	3.75	(0.03)	3.20	(0.12)	0.55	(0.13)	0.54	(0.02)	0.26	(0.04)	0.28	(0.04)
Turkey	4.20	(0.23)	3.98	(0.05)	0.22	(0.23)	1.90	(0.21)	1.81	(0.05)	0.09	(0.22)
United Kingdom	3.68	(0.25)	3.89	(0.04)	-0.21	(0.26)	0.93	(0.19)	0.59	(0.02)	0.34	(0.19)
United States	2.77	(0.11)	3.76	(0.04)	-0.98	(0.11)	1.38	(0.13)	1.08	(0.03)	0.30	(0.14)
OECD average	3.69	(0.02)	3.68	(0.02)	0.01	(0.03)	0.96	(0.02)	0.74	(0.01)	0.25	(0.03)
Partners												
Argentina	2.19	(0.06)	2.47	(0.07)	-0.29	(0.09)	0.67	(0.04)	0.33	(0.03)	0.34	(0.05)
Azerbaijan	3.64	(0.05)	3.75	(0.07)	-0.11	(0.08)	1.65	(0.06)	2.02	(0.07)	-0.36	(0.08)
Brazil	2.77	(0.07)	3.26	(0.05)	-0.49	(0.09)	1.20	(0.04)	1.17	(0.03)	0.03	(0.05)
Bulgaria	2.64	(0.21)	2.93	(0.05)	-0.30	(0.22)	1.09	(0.14)	1.09	(0.04)	-0.00	(0.15)
Chile	2.41	(0.19)	3.49	(0.06)	-1.08	(0.20)	1.43	(0.17)	0.98	(0.03)	0.45	(0.17)
Colombia	3.58	(0.07)	4.14	(0.07)	-0.55	(0.10)	1.19	(0.04)	1.12	(0.04)	0.06	(0.05)
Croatia	c	c	3.33	(0.03)	c	c	c	c	0.39	(0.02)	c	c
Estonia	3.47	(0.04)	4.14	(0.16)	-0.67	(0.16)	0.89	(0.03)	0.87	(0.15)	0.02	(0.15)
Hong Kong-China	5.00	(0.07)	5.30	(0.05)	-0.30	(0.07)	0.83	(0.04)	0.79	(0.03)	0.03	(0.05)
Indonesia	3.87	(0.09)	3.40	(0.06)	0.47	(0.10)	1.52	(0.04)	0.97	(0.04)	0.56	(0.06)
Israel	2.80	(0.11)	3.06	(0.05)	-0.26	(0.12)	1.26	(0.08)	1.35	(0.04)	-0.08	(0.09)
Jordan	3.56	(0.05)	a	a	a	a	1.77	(0.04)	a	a	a	a
Kyrgyzstan	2.69	(0.05)	2.89	(0.11)	-0.20	(0.10)	1.68	(0.03)	1.78	(0.06)	-0.10	(0.07)
Latvia	3.71	(0.04)	3.16	(0.15)	0.55	(0.15)	0.89	(0.03)	0.60	(0.08)	0.29	(0.08)
Liechtenstein	3.70	(0.08)	3.39	(0.31)	0.30	(0.31)	0.35	(0.05)	0.11	(0.05)	0.24	(0.07)
Lithuania	3.66	(0.04)	c	c	c	c	0.66	(0.02)	c	c	c	c
Macao-China	5.13	(0.03)	5.63	(0.05)	-0.49	(0.06)	1.17	(0.04)	0.86	(0.05)	0.32	(0.06)
Montenegro	c	c	2.94	(0.04)	c	c	c	c	0.75	(0.02)	c	c
Qatar	2.60	(0.06)	2.98	(0.03)	-0.38	(0.07)	1.83	(0.05)	1.52	(0.03)	0.31	(0.05)
Romania	3.30	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
Russian Federation	2.47	(0.05)	1.79	(0.05)	0.68	(0.06)	0.96	(0.04)	0.74	(0.03)	0.23	(0.04)
Serbia	3.36	(0.41)	3.17	(0.04)	0.19	(0.41)	1.09	(0.20)	0.92	(0.03)	0.16	(0.21)
Slovenia	2.80	(0.24)	3.26	(0.03)	-0.46	(0.24)	1.13	(0.13)	0.72	(0.02)	0.41	(0.13)
Chinese Taipei	4.51	(0.06)	4.30	(0.07)	0.21	(0.09)	0.95	(0.04)	0.57	(0.02)	0.39	(0.05)
Thailand	3.58	(0.05)	2.88	(0.02)	0.70	(0.05)	0.86	(0.05)	0.42	(0.02)	0.43	(0.06)
Tunisia	2.74	(0.08)	3.50	(0.06)	-0.76	(0.10)	2.05	(0.05)	1.53	(0.07)	0.52	(0.08)
Uruguay	2.60	(0.07)	2.81	(0.04)	-0.20	(0.08)	0.81	(0.05)	0.56	(0.02)	0.25	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.10c Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools
[part 2/3]

	Mean learning hours per week												
	Individual study						Total learning hours						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.66	(0.02)	1.92	(0.04)	-0.27	(0.04)	6.38	(0.05)	6.65	(0.08)	-0.27	(0.09)
	Austria	2.41	(0.17)	1.49	(0.04)	0.92	(0.17)	6.54	(0.24)	4.54	(0.07)	2.00	(0.25)
	Belgium	1.52	(0.10)	1.34	(0.02)	0.18	(0.10)	6.10	(0.27)	5.27	(0.04)	0.83	(0.27)
	Canada	1.45	(0.04)	1.79	(0.03)	-0.34	(0.05)	6.63	(0.11)	7.14	(0.07)	-0.50	(0.13)
	Czech Republic	1.16	(0.03)	1.16	(0.03)	0.01	(0.05)	5.81	(0.07)	5.19	(0.07)	0.61	(0.09)
	Denmark	2.16	(0.03)	2.21	(0.26)	-0.05	(0.25)	9.37	(0.07)	7.35	(0.27)	2.02	(0.27)
	Finland	1.13	(0.02)	c	c	c	c	4.63	(0.07)	c	c	c	c
	France	1.36	(0.03)	1.62	(0.03)	-0.26	(0.04)	6.19	(0.08)	6.38	(0.05)	-0.19	(0.09)
	Germany	1.90	(0.03)	1.63	(0.19)	0.27	(0.20)	6.20	(0.05)	5.16	(0.52)	1.04	(0.53)
	Greece	1.77	(0.14)	1.95	(0.03)	-0.18	(0.14)	5.91	(0.46)	6.82	(0.07)	-0.91	(0.45)
	Hungary	1.84	(0.14)	1.86	(0.04)	-0.02	(0.14)	5.79	(0.30)	6.41	(0.09)	-0.62	(0.32)
	Iceland	1.54	(0.02)	c	c	c	c	6.54	(0.04)	c	c	c	c
	Ireland	1.87	(0.04)	1.57	(0.05)	0.30	(0.06)	6.20	(0.08)	5.53	(0.10)	0.67	(0.12)
	Italy	2.28	(0.21)	2.96	(0.04)	-0.68	(0.22)	7.80	(0.44)	8.38	(0.07)	-0.58	(0.45)
	Japan	a	a	0.94	(0.03)	a	a	a	a	5.19	(0.07)	a	a
	Korea	1.27	(0.08)	1.41	(0.03)	-0.13	(0.09)	6.41	(0.34)	7.36	(0.09)	-0.95	(0.35)
	Luxembourg	1.51	(0.03)	1.15	(0.03)	0.36	(0.05)	5.82	(0.06)	4.89	(0.06)	0.94	(0.09)
	Mexico	2.13	(0.05)	2.00	(0.02)	0.13	(0.06)	7.05	(0.15)	6.73	(0.06)	0.32	(0.16)
	Netherlands	1.34	(0.03)	1.29	(0.04)	0.06	(0.05)	5.08	(0.06)	4.38	(0.07)	0.70	(0.09)
	New Zealand	1.55	(0.10)	1.57	(0.03)	-0.02	(0.10)	6.15	(0.20)	6.65	(0.06)	-0.51	(0.20)
	Norway	1.45	(0.03)	c	c	c	c	6.20	(0.06)	c	c	c	c
	Poland	2.22	(0.03)	2.36	(0.20)	-0.14	(0.20)	7.56	(0.05)	7.65	(0.38)	-0.09	(0.38)
	Portugal	1.78	(0.04)	1.80	(0.03)	-0.02	(0.06)	5.59	(0.08)	5.67	(0.06)	-0.08	(0.10)
	Slovak Republic	1.78	(0.05)	1.71	(0.05)	0.07	(0.07)	6.88	(0.11)	5.07	(0.09)	1.81	(0.15)
	Spain	1.89	(0.03)	c	c	c	c	6.10	(0.05)	c	c	c	c
	Sweden	1.26	(0.02)	1.29	(0.15)	-0.03	(0.15)	5.05	(0.06)	5.10	(0.35)	-0.05	(0.36)
	Switzerland	1.44	(0.02)	1.20	(0.04)	0.24	(0.04)	5.73	(0.04)	4.65	(0.17)	1.08	(0.17)
	Turkey	2.30	(0.12)	2.17	(0.05)	0.13	(0.13)	8.29	(0.35)	7.94	(0.13)	0.35	(0.38)
United Kingdom	1.39	(0.33)	1.59	(0.02)	-0.20	(0.33)	6.11	(0.48)	6.08	(0.06)	0.03	(0.48)	
United States	1.60	(0.08)	1.90	(0.04)	-0.30	(0.09)	5.82	(0.21)	6.77	(0.07)	-0.95	(0.23)	
OECD average	1.69	(0.02)	1.69	(0.02)	0.00	(0.03)	6.34	(0.04)	6.11	(0.03)	0.27	(0.06)	
Partners	Argentina	1.69	(0.10)	1.61	(0.04)	0.07	(0.10)	4.59	(0.15)	4.39	(0.09)	0.20	(0.17)
	Azerbaijan	2.99	(0.06)	3.27	(0.08)	-0.28	(0.09)	8.35	(0.14)	9.12	(0.16)	-0.77	(0.21)
	Brazil	1.80	(0.04)	1.72	(0.03)	0.09	(0.06)	5.76	(0.11)	6.13	(0.08)	-0.37	(0.13)
	Bulgaria	1.65	(0.18)	2.08	(0.05)	-0.43	(0.18)	5.34	(0.43)	6.13	(0.11)	-0.79	(0.43)
	Chile	1.63	(0.16)	1.56	(0.03)	0.06	(0.17)	5.50	(0.47)	6.05	(0.08)	-0.55	(0.46)
	Colombia	1.78	(0.05)	1.88	(0.05)	-0.10	(0.07)	6.59	(0.11)	7.13	(0.11)	-0.54	(0.14)
	Croatia	c	c	1.58	(0.03)	c	c	c	c	5.32	(0.06)	c	c
	Estonia	1.61	(0.02)	1.77	(0.15)	-0.15	(0.15)	5.98	(0.06)	6.77	(0.34)	-0.79	(0.34)
	Hong Kong-China	1.71	(0.06)	1.60	(0.03)	0.11	(0.06)	7.54	(0.13)	7.70	(0.08)	-0.16	(0.12)
	Indonesia	1.91	(0.05)	1.69	(0.06)	0.22	(0.09)	7.28	(0.14)	6.04	(0.12)	1.24	(0.20)
	Israel	1.53	(0.08)	1.68	(0.04)	-0.15	(0.08)	5.56	(0.19)	6.11	(0.10)	-0.54	(0.22)
	Jordan	2.59	(0.04)	a	a	a	a	7.92	(0.09)	a	a	a	a
	Kyrgyzstan	2.27	(0.04)	2.54	(0.07)	-0.28	(0.07)	6.72	(0.09)	7.22	(0.18)	-0.50	(0.18)
	Latvia	2.02	(0.03)	1.55	(0.12)	0.48	(0.13)	6.63	(0.07)	5.30	(0.27)	1.32	(0.28)
	Liechtenstein	1.25	(0.06)	1.10	(0.22)	0.16	(0.24)	5.29	(0.11)	4.60	(0.41)	0.69	(0.44)
	Lithuania	1.82	(0.03)	c	c	c	c	6.13	(0.06)	c	c	c	c
	Macao-China	1.43	(0.03)	1.59	(0.04)	-0.15	(0.05)	7.75	(0.07)	8.06	(0.10)	-0.31	(0.12)
	Montenegro	c	c	1.99	(0.03)	c	c	c	c	5.67	(0.07)	c	c
	Qatar	2.21	(0.05)	1.99	(0.03)	0.23	(0.06)	6.60	(0.12)	6.49	(0.07)	0.12	(0.13)
	Romania	2.19	(0.04)	a	a	a	a	7.02	(0.10)	a	a	a	a
	Russian Federation	1.76	(0.05)	1.43	(0.04)	0.33	(0.06)	5.18	(0.08)	3.94	(0.09)	1.24	(0.12)
	Serbia	1.59	(0.27)	1.70	(0.03)	-0.11	(0.27)	6.02	(0.53)	5.79	(0.07)	0.22	(0.54)
	Slovenia	1.55	(0.17)	1.47	(0.02)	0.07	(0.18)	5.53	(0.35)	5.47	(0.05)	0.06	(0.35)
	Chinese Taipei	1.85	(0.04)	1.73	(0.04)	0.12	(0.06)	7.36	(0.11)	6.62	(0.10)	0.74	(0.14)
	Thailand	1.92	(0.06)	1.61	(0.03)	0.31	(0.06)	6.35	(0.10)	4.90	(0.06)	1.45	(0.11)
	Tunisia	2.28	(0.06)	1.97	(0.05)	0.31	(0.08)	7.12	(0.14)	6.99	(0.15)	0.13	(0.20)
	Uruguay	1.30	(0.04)	1.38	(0.03)	-0.08	(0.04)	4.77	(0.09)	4.75	(0.07)	0.02	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10c Mean learning hours and allocation of total learning time on the language of instruction, by lower and upper secondary schools

	Allocation of total learning time on the language of instruction for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	67.7	(0.3)	64.5	(0.5)	3.2	(0.6)	8.2	(0.2)	8.8	(0.4)	-0.7	(0.4)	24.1	(0.2)	26.7	(0.4)	-2.5	(0.4)
	Austria	58.0	(2.2)	66.0	(0.4)	-8.0	(2.2)	6.8	(1.2)	3.1	(0.3)	3.7	(1.3)	35.2	(1.8)	30.9	(0.4)	4.3	(1.8)
	Belgium	58.5	(1.9)	67.6	(0.3)	-9.1	(1.9)	15.4	(1.6)	6.8	(0.2)	8.6	(1.7)	26.2	(1.3)	25.6	(0.2)	0.5	(1.3)
	Canada	65.0	(0.7)	65.7	(0.3)	-0.8	(0.7)	12.9	(0.4)	10.4	(0.2)	2.5	(0.4)	22.1	(0.5)	23.8	(0.3)	-1.7	(0.6)
	Czech Republic	72.4	(0.6)	70.8	(0.7)	1.6	(0.9)	8.8	(0.2)	9.1	(0.3)	-0.3	(0.4)	18.7	(0.4)	20.0	(0.6)	-1.3	(0.7)
	Denmark	62.2	(0.3)	56.1	(2.4)	6.1	(2.4)	16.0	(0.2)	14.6	(2.8)	1.4	(2.8)	21.8	(0.2)	29.3	(2.7)	-7.5	(2.6)
	Finland	70.7	(0.4)	c	c	c	c	6.2	(0.2)	c	c	c	c	23.1	(0.3)	c	c	c	c
	France	64.7	(0.6)	68.4	(0.5)	-3.7	(0.8)	14.6	(0.4)	8.2	(0.4)	6.4	(0.5)	20.7	(0.4)	23.4	(0.3)	-2.7	(0.5)
	Germany	62.3	(0.4)	60.9	(1.7)	1.4	(1.8)	7.9	(0.3)	8.5	(1.9)	-0.6	(2.0)	29.8	(0.3)	30.6	(1.9)	-0.8	(1.9)
	Greece	50.6	(2.4)	51.0	(0.6)	-0.4	(2.3)	21.0	(2.0)	21.6	(0.3)	-0.6	(2.0)	28.4	(1.4)	27.4	(0.3)	1.0	(1.4)
	Hungary	43.0	(2.4)	54.0	(0.4)	-11.0	(2.5)	26.0	(1.7)	17.7	(0.3)	8.3	(1.8)	31.0	(1.5)	28.3	(0.3)	2.7	(1.5)
	Iceland	71.8	(0.3)	c	c	c	c	6.0	(0.2)	c	c	c	c	22.2	(0.2)	c	c	c	c
	Ireland	62.2	(0.5)	67.5	(0.7)	-5.3	(0.7)	9.1	(0.3)	6.6	(0.3)	2.5	(0.4)	28.6	(0.4)	25.9	(0.5)	2.7	(0.6)
	Italy	51.0	(3.9)	57.3	(0.2)	-6.3	(3.9)	19.3	(3.0)	8.1	(0.2)	11.2	(3.0)	29.7	(1.6)	34.6	(0.2)	-4.9	(1.7)
	Japan	a	a	78.1	(0.5)	a	a	a	a	6.3	(0.3)	a	a	a	a	15.5	(0.4)	a	a
	Korea	65.6	(2.8)	66.4	(0.5)	-0.8	(2.8)	16.0	(3.4)	16.5	(0.4)	-0.4	(3.4)	18.4	(1.5)	17.2	(0.2)	1.2	(1.5)
	Luxembourg	64.5	(0.4)	72.3	(0.6)	-7.8	(0.7)	11.1	(0.3)	4.8	(0.3)	6.3	(0.4)	24.4	(0.4)	22.9	(0.5)	1.5	(0.6)
	Mexico	51.6	(0.8)	57.7	(0.4)	-6.0	(0.9)	17.0	(0.7)	12.7	(0.3)	4.3	(0.8)	31.3	(0.6)	29.6	(0.3)	1.7	(0.7)
	Netherlands	61.7	(0.5)	66.6	(0.7)	-5.0	(0.9)	12.8	(0.4)	5.6	(0.3)	7.2	(0.5)	25.6	(0.3)	27.7	(0.7)	-2.2	(0.8)
	New Zealand	65.6	(1.5)	70.5	(0.4)	-4.9	(1.5)	11.5	(1.0)	7.7	(0.3)	3.8	(1.0)	22.9	(1.2)	21.8	(0.3)	1.1	(1.2)
	Norway	62.1	(0.5)	c	c	c	c	16.5	(0.3)	c	c	c	c	21.4	(0.3)	c	c	c	c
	Poland	63.5	(0.3)	68.4	(1.9)	-4.9	(1.9)	8.5	(0.3)	3.0	(0.7)	5.5	(0.8)	27.9	(0.3)	28.6	(1.8)	-0.6	(1.9)
	Portugal	56.4	(0.6)	65.5	(0.4)	-9.1	(0.7)	13.1	(0.5)	4.5	(0.2)	8.6	(0.6)	30.5	(0.6)	30.0	(0.3)	0.5	(0.6)
	Slovak Republic	63.4	(0.7)	56.3	(0.7)	7.1	(1.0)	12.9	(0.5)	12.6	(0.4)	0.4	(0.6)	23.7	(0.5)	31.1	(0.6)	-7.5	(0.8)
	Spain	62.6	(0.3)	c	c	c	c	8.1	(0.3)	c	c	c	c	29.2	(0.3)	c	c	c	c
	Sweden	66.8	(0.5)	63.9	(2.2)	2.9	(2.2)	10.2	(0.2)	11.9	(1.5)	-1.7	(1.5)	23.0	(0.4)	24.3	(1.5)	-1.3	(1.6)
	Switzerland	67.1	(0.4)	69.7	(0.8)	-2.6	(0.8)	7.7	(0.3)	4.2	(0.6)	3.4	(0.6)	25.3	(0.3)	26.1	(0.6)	-0.8	(0.7)
	Turkey	51.3	(2.3)	54.9	(0.6)	-3.7	(2.3)	21.2	(2.1)	19.7	(0.4)	1.5	(2.1)	27.6	(2.2)	25.4	(0.3)	2.2	(2.3)
	United Kingdom	66.3	(5.1)	67.6	(0.3)	-1.2	(5.1)	13.6	(2.8)	7.8	(0.2)	5.8	(2.9)	20.1	(3.4)	24.6	(0.3)	-4.6	(3.4)
	United States	48.1	(1.8)	56.9	(0.6)	-8.8	(1.8)	24.0	(1.7)	14.9	(0.3)	9.0	(1.8)	28.0	(0.8)	28.2	(0.4)	-0.2	(0.8)
	OECD average	61.3	(0.3)	64.0	(0.2)	-3.1	(0.4)	13.2	(0.2)	9.8	(0.2)	3.8	(0.3)	25.5	(0.2)	26.1	(0.2)	-0.8	(0.3)
Partners	Argentina	49.0	(1.0)	57.6	(0.7)	-8.7	(1.3)	13.2	(0.8)	6.0	(0.5)	7.2	(0.9)	37.8	(1.1)	36.4	(0.6)	1.5	(1.3)
	Azerbaijan	45.6	(0.7)	43.8	(0.8)	1.8	(1.0)	18.5	(0.6)	20.4	(0.6)	-1.8	(0.7)	35.8	(0.6)	35.9	(0.7)	-0.0	(0.8)
	Brazil	50.8	(0.7)	56.1	(0.6)	-5.3	(1.0)	19.6	(0.6)	16.9	(0.4)	2.7	(0.7)	29.7	(0.6)	27.0	(0.4)	2.6	(0.8)
	Bulgaria	53.1	(3.1)	51.7	(0.5)	1.3	(3.2)	17.6	(1.7)	15.3	(0.5)	2.3	(1.9)	29.3	(2.4)	33.0	(0.4)	-3.7	(2.4)
	Chile	45.1	(2.6)	57.8	(0.7)	-12.7	(2.8)	22.9	(2.5)	14.9	(0.5)	8.0	(2.6)	31.9	(2.2)	27.2	(0.4)	4.7	(2.3)
	Colombia	57.0	(0.9)	62.3	(0.7)	-5.4	(1.1)	16.6	(0.6)	13.1	(0.4)	3.6	(0.6)	26.4	(0.5)	24.6	(0.5)	1.8	(0.6)
	Croatia	c	c	66.8	(0.4)	c	c	c	c	5.8	(0.2)	c	c	c	c	27.4	(0.4)	c	c
	Estonia	61.7	(0.5)	65.1	(1.9)	-3.4	(2.1)	13.1	(0.4)	10.5	(1.7)	2.6	(1.8)	25.2	(0.3)	24.4	(1.5)	0.8	(1.5)
	Hong Kong-China	69.1	(0.7)	72.0	(0.4)	-2.9	(0.7)	9.6	(0.4)	8.8	(0.3)	0.8	(0.5)	21.3	(0.5)	19.2	(0.3)	2.1	(0.5)
	Indonesia	53.9	(0.6)	58.7	(1.0)	-4.8	(1.1)	19.7	(0.4)	13.4	(0.5)	6.3	(0.5)	26.3	(0.5)	27.9	(0.7)	-1.5	(0.9)
	Israel	53.2	(1.7)	54.2	(0.6)	-0.9	(1.8)	20.0	(1.0)	19.8	(0.4)	0.2	(1.1)	26.8	(1.2)	26.0	(0.5)	0.8	(1.2)
	Jordan	44.2	(0.6)	a	a	a	a	22.2	(0.5)	a	a	a	a	33.6	(0.4)	a	a	a	a
	Kyrgyzstan	39.7	(0.6)	40.4	(0.9)	-0.8	(1.1)	26.5	(0.5)	24.9	(0.9)	1.7	(0.9)	33.8	(0.5)	34.7	(0.6)	-0.9	(0.8)
	Latvia	59.2	(0.4)	61.5	(1.7)	-2.4	(1.9)	11.5	(0.4)	9.8	(1.5)	1.6	(1.5)	29.4	(0.4)	28.6	(1.8)	0.7	(1.9)
	Liechtenstein	69.3	(1.2)	73.6	(4.1)	-4.3	(4.1)	6.0	(0.7)	2.3	(1.2)	3.7	(1.4)	24.7	(0.9)	24.1	(3.3)	0.6	(3.3)
	Lithuania	62.3	(0.4)	c	c	c	c	9.9	(0.3)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	70.0	(0.5)	73.7	(0.5)	-3.7	(0.7)	12.8	(0.3)	8.4	(0.3)	4.4	(0.5)	17.2	(0.3)	17.9	(0.4)	-0.8	(0.5)
	Montenegro	c	c	53.0	(0.4)	c	c	c	c	11.4	(0.3)	c	c	c	c	35.6	(0.4)	c	c
	Qatar	39.2	(0.7)	46.2	(0.4)	-7.0	(0.8)	27.3	(0.6)	22.6	(0.3)	4.7	(0.6)	33.5	(0.6)	31.2	(0.3)	2.3	(0.7)
	Romania	50.6	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	29.6	(0.3)	a	a	a	a
	Russian Federation	48.6	(0.9)	48.0	(0.7)	0.6	(1.0)	17.9	(1.0)	15.5	(0.5)	2.5	(1.0)	33.5	(0.6)	36.5	(0.6)	-3.0	(0.7)
	Serbia	58.0	(3.6)	60.2	(0.5)	-2.2	(3.6)	18.7	(2.4)	12.8	(0.4)	5.9	(2.4)	23.2	(2.8)	27.0	(0.3)	-3.8	(2.9)
	Slovenia	51.6	(3.3)	61.2	(0.4)	-9.6	(3.4)	19.3	(2.5)	11.8	(0.2)	7.5	(2.5)	29.1	(3.2)	27.0	(0.3)	2.1	(3.3)
	Chinese Taipei	63.2	(0.5)	67.5	(0.4)	-4.4	(0.7)	11.6	(0.5)	7.6	(0.3)	4.1	(0.5)	25.2	(0.3)	24.9	(0.3)	0.3	(0.4)
	Thailand	62.2	(0.7)	67.7	(0.4)	-0.5	(0.7)	10.3	(0.6)	6.0	(0.2)	4.3	(0.6)	27.5	(0.5)	31.3	(0.3)	-3.8	(0.6)
	Tunisia	38.6	(0.9)	52.1	(0.8)	-13.5	(1.2)	28.5	(0.6)	19.1	(0.6)	9.5	(0.8)	32.9	(0.6)	28.8	(0.7)	4.0	(0.9)
	Uruguay	55.6	(1.0)	63.3	(0.4)	-7.8	(1.1)	15.8	(0.9)	9.2	(0.3)	6.6	(0.9)	28.7	(0.6)	27.5	(0.4)	1.1	(0.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.10d Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	11.59	(0.08)	10.66	(0.13)	0.93	(0.15)	1.73	(0.04)	1.87	(0.07)	-0.14	(0.07)
	Austria	9.08	(0.30)	8.53	(0.10)	0.56	(0.31)	1.97	(0.29)	0.88	(0.04)	1.09	(0.29)
	Belgium	9.26	(0.46)	9.72	(0.10)	-0.46	(0.48)	2.53	(0.21)	1.27	(0.03)	1.26	(0.21)
	Canada	10.93	(0.17)	13.28	(0.13)	-2.35	(0.22)	2.63	(0.08)	2.30	(0.05)	0.33	(0.09)
	Czech Republic	11.24	(0.10)	10.09	(0.17)	1.15	(0.20)	1.98	(0.05)	1.80	(0.07)	0.18	(0.08)
	Denmark	13.16	(0.08)	12.82	(0.71)	0.34	(0.73)	3.83	(0.07)	3.72	(0.60)	0.11	(0.61)
	Finland	9.71	(0.11)	c	c	c	c	1.06	(0.04)	c	c	c	c
	France	9.24	(0.11)	11.66	(0.14)	-2.41	(0.18)	2.67	(0.07)	1.97	(0.06)	0.70	(0.09)
	Germany	10.70	(0.08)	7.45	(0.66)	3.25	(0.68)	1.93	(0.06)	1.62	(0.54)	0.31	(0.55)
	Greece	8.17	(0.45)	9.96	(0.12)	-1.78	(0.46)	3.93	(0.30)	6.00	(0.11)	-2.08	(0.31)
	Hungary	7.16	(0.32)	9.14	(0.11)	-1.98	(0.34)	4.30	(0.30)	3.54	(0.07)	0.77	(0.31)
	Iceland	12.24	(0.06)	c	c	c	c	1.47	(0.04)	c	c	c	c
	Ireland	10.06	(0.10)	9.26	(0.14)	0.80	(0.16)	1.95	(0.06)	1.18	(0.06)	0.77	(0.07)
	Italy	8.77	(0.49)	11.31	(0.09)	-2.55	(0.49)	3.14	(0.48)	2.23	(0.04)	0.91	(0.49)
	Japan	c	c	10.75	(0.13)	c	c	c	c	1.40	(0.05)	c	c
	Korea	11.20	(0.22)	12.79	(0.12)	-1.59	(0.25)	4.38	(0.56)	4.75	(0.08)	-0.37	(0.56)
	Luxembourg	9.33	(0.08)	10.38	(0.10)	-1.04	(0.12)	2.31	(0.06)	1.25	(0.05)	1.07	(0.08)
	Mexico	10.45	(0.19)	11.13	(0.10)	-0.68	(0.22)	3.76	(0.17)	2.91	(0.06)	0.85	(0.18)
	Netherlands	7.69	(0.09)	8.70	(0.11)	-1.01	(0.14)	2.12	(0.06)	1.25	(0.06)	0.87	(0.09)
	New Zealand	11.09	(0.28)	12.95	(0.09)	-1.86	(0.29)	2.30	(0.21)	1.71	(0.06)	0.59	(0.22)
	Norway	9.62	(0.08)	c	c	c	c	3.14	(0.05)	c	c	c	c
	Poland	11.71	(0.09)	13.42	(0.39)	-1.71	(0.39)	2.11	(0.05)	1.32	(0.19)	0.79	(0.19)
	Portugal	8.52	(0.10)	11.64	(0.12)	-3.12	(0.14)	2.28	(0.07)	1.71	(0.06)	0.56	(0.08)
	Slovak Republic	10.67	(0.21)	7.80	(0.14)	2.87	(0.26)	2.69	(0.08)	2.23	(0.09)	0.46	(0.11)
	Spain	10.15	(0.09)	11.45	(2.07)	-1.31	(2.07)	2.24	(0.05)	c	c	c	c
	Sweden	9.02	(0.07)	8.68	(0.59)	0.34	(0.58)	1.79	(0.04)	1.81	(0.17)	-0.02	(0.18)
	Switzerland	9.93	(0.07)	9.63	(0.36)	0.30	(0.36)	1.70	(0.05)	0.95	(0.09)	0.75	(0.10)
	Turkey	10.68	(0.54)	10.67	(0.17)	0.02	(0.56)	5.43	(0.60)	5.21	(0.09)	0.22	(0.61)
	United Kingdom	10.19	(0.66)	11.93	(0.09)	-1.75	(0.67)	2.06	(0.35)	1.70	(0.05)	0.36	(0.36)
	United States	8.41	(0.33)	11.28	(0.11)	-2.88	(0.33)	3.86	(0.23)	2.93	(0.07)	0.93	(0.25)
	OECD average	10.00	(0.05)	10.63	(0.09)	-0.69	(0.11)	2.66	(0.04)	2.29	(0.03)	0.45	(0.06)
Partners	Argentina	6.37	(0.14)	8.12	(0.20)	-1.75	(0.23)	2.14	(0.11)	1.47	(0.08)	0.66	(0.13)
	Azerbaijan	10.67	(0.13)	9.95	(0.17)	0.72	(0.19)	4.60	(0.13)	5.25	(0.13)	-0.65	(0.18)
	Brazil	7.55	(0.17)	8.89	(0.10)	-1.34	(0.21)	3.15	(0.09)	3.15	(0.09)	0.00	(0.12)
	Bulgaria	7.34	(0.61)	8.64	(0.17)	-1.30	(0.62)	3.13	(0.27)	3.21	(0.09)	-0.08	(0.29)
	Chile	5.78	(0.44)	9.41	(0.17)	-3.64	(0.46)	3.45	(0.41)	2.78	(0.05)	0.67	(0.40)
	Colombia	10.87	(0.19)	12.17	(0.25)	-1.30	(0.28)	3.34	(0.10)	3.29	(0.10)	0.05	(0.14)
	Croatia	c	c	8.44	(0.08)	c	c	c	c	1.57	(0.05)	c	c
	Estonia	10.92	(0.10)	12.48	(0.36)	-1.56	(0.38)	2.63	(0.07)	2.33	(0.32)	0.31	(0.33)
	Hong Kong-China	12.92	(0.20)	13.94	(0.12)	-1.03	(0.22)	2.68	(0.13)	3.32	(0.09)	-0.64	(0.15)
	Indonesia	10.82	(0.21)	11.15	(0.24)	-0.33	(0.30)	4.12	(0.11)	3.17	(0.18)	0.95	(0.23)
	Israel	9.41	(0.25)	9.60	(0.11)	-0.19	(0.26)	4.40	(0.19)	4.45	(0.09)	-0.04	(0.20)
	Jordan	10.36	(0.14)	a	a	a	a	5.10	(0.10)	a	a	a	a
	Kyrgyzstan	7.69	(0.14)	8.11	(0.31)	-0.42	(0.27)	4.57	(0.09)	4.68	(0.13)	-0.11	(0.14)
	Latvia	11.05	(0.11)	11.27	(0.36)	-0.22	(0.36)	2.74	(0.08)	2.04	(0.16)	0.70	(0.18)
	Liechtenstein	10.20	(0.20)	10.50	(0.49)	-0.30	(0.51)	1.47	(0.11)	0.59	(0.17)	0.88	(0.19)
	Lithuania	9.85	(0.10)	c	c	c	c	1.93	(0.05)	c	c	c	c
	Macao-China	13.86	(0.09)	15.47	(0.12)	-1.61	(0.15)	3.49	(0.09)	2.85	(0.12)	0.64	(0.16)
	Montenegro	c	c	8.90	(0.09)	c	c	c	c	2.69	(0.05)	c	c
	Qatar	7.39	(0.15)	9.05	(0.09)	-1.66	(0.17)	5.28	(0.13)	4.80	(0.07)	0.49	(0.14)
	Romania	8.58	(0.15)	a	a	a	a	4.04	(0.07)	a	a	a	a
	Russian Federation	9.25	(0.22)	9.51	(0.13)	-0.26	(0.22)	3.31	(0.11)	2.93	(0.09)	0.38	(0.14)
	Serbia	9.69	(0.93)	9.32	(0.11)	0.37	(0.92)	2.88	(0.35)	2.66	(0.06)	0.22	(0.35)
	Slovenia	7.13	(0.59)	9.48	(0.07)	-2.35	(0.60)	3.46	(0.53)	2.43	(0.04)	1.03	(0.53)
	Chinese Taipei	12.53	(0.19)	11.02	(0.19)	1.51	(0.26)	4.08	(0.12)	2.47	(0.07)	1.61	(0.15)
	Thailand	10.73	(0.13)	10.66	(0.09)	0.07	(0.14)	2.68	(0.14)	2.27	(0.08)	0.41	(0.16)
	Tunisia	7.68	(0.14)	10.53	(0.15)	-2.84	(0.20)	5.96	(0.08)	6.23	(0.10)	-0.26	(0.14)
	Uruguay	7.51	(0.18)	8.94	(0.10)	-1.43	(0.21)	2.37	(0.11)	1.94	(0.05)	0.44	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.10d Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools

[Part 2/3]

	Mean learning hours per week												
	Individual study						Total learning hours						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	4.54	(0.06)	5.19	(0.09)	-0.65	(0.11)	17.88	(0.13)	17.72	(0.22)	0.16	(0.24)
	Austria	6.74	(0.39)	4.83	(0.07)	1.90	(0.39)	17.95	(0.57)	14.27	(0.16)	3.68	(0.58)
	Belgium	4.39	(0.23)	4.39	(0.05)	0.01	(0.22)	16.41	(0.62)	15.39	(0.14)	1.02	(0.60)
	Canada	4.26	(0.12)	5.44	(0.08)	-1.18	(0.13)	17.99	(0.31)	21.08	(0.19)	-3.09	(0.36)
	Czech Republic	3.56	(0.08)	3.38	(0.07)	0.18	(0.10)	16.77	(0.15)	15.25	(0.24)	1.52	(0.27)
	Denmark	4.98	(0.06)	6.41	(0.86)	-1.44	(0.86)	21.93	(0.15)	22.96	(1.92)	-1.03	(1.94)
	Finland	3.40	(0.05)	c	c	c	c	14.16	(0.16)	c	c	c	c
	France	3.82	(0.07)	5.04	(0.10)	-1.22	(0.12)	15.74	(0.20)	18.69	(0.21)	-2.94	(0.29)
	Germany	5.90	(0.08)	4.88	(0.52)	1.02	(0.53)	18.57	(0.14)	14.06	(1.34)	4.51	(1.36)
	Greece	5.04	(0.29)	5.85	(0.09)	-0.81	(0.30)	17.13	(0.83)	21.84	(0.24)	-4.70	(0.85)
	Hungary	5.19	(0.33)	5.30	(0.08)	-0.11	(0.35)	16.48	(0.74)	18.00	(0.20)	-1.52	(0.77)
	Iceland	4.42	(0.05)	c	c	c	c	18.14	(0.09)	c	c	c	c
	Ireland	5.13	(0.09)	4.03	(0.11)	1.11	(0.13)	17.08	(0.19)	14.47	(0.24)	2.61	(0.28)
	Italy	5.83	(0.67)	7.56	(0.08)	-1.73	(0.69)	18.31	(1.39)	21.11	(0.17)	-2.80	(1.42)
	Japan	c	c	3.11	(0.10)	c	c	c	c	15.26	(0.22)	c	c
	Korea	4.40	(0.32)	4.94	(0.12)	-0.55	(0.34)	19.87	(0.57)	22.54	(0.25)	-2.67	(0.62)
	Luxembourg	4.46	(0.06)	4.08	(0.07)	0.39	(0.10)	16.14	(0.12)	15.69	(0.14)	0.45	(0.19)
	Mexico	6.52	(0.16)	6.34	(0.07)	0.18	(0.16)	20.54	(0.39)	20.31	(0.16)	0.24	(0.42)
	Netherlands	3.83	(0.07)	4.43	(0.09)	-0.60	(0.11)	13.59	(0.15)	14.40	(0.18)	-0.81	(0.23)
	New Zealand	4.22	(0.21)	4.44	(0.07)	-0.21	(0.22)	17.49	(0.46)	19.12	(0.14)	-1.64	(0.47)
Norway	4.06	(0.06)	c	c	c	c	16.79	(0.12)	c	c	c	c	
Poland	6.33	(0.07)	7.30	(0.50)	-0.97	(0.50)	20.18	(0.14)	22.06	(0.92)	-1.88	(0.92)	
Portugal	5.47	(0.12)	6.20	(0.10)	-0.73	(0.15)	16.33	(0.20)	19.51	(0.21)	-3.18	(0.27)	
Slovak Republic	5.02	(0.12)	4.68	(0.12)	0.33	(0.17)	18.43	(0.31)	14.74	(0.28)	3.69	(0.43)	
Spain	5.58	(0.08)	c	c	c	c	18.08	(0.16)	c	c	c	c	
Sweden	3.58	(0.05)	3.78	(0.45)	-0.20	(0.45)	14.37	(0.12)	14.38	(1.04)	-0.01	(1.03)	
Switzerland	4.26	(0.04)	3.93	(0.11)	0.32	(0.11)	15.92	(0.11)	14.46	(0.45)	1.45	(0.47)	
Turkey	6.35	(0.40)	6.10	(0.09)	0.25	(0.42)	22.06	(1.15)	21.88	(0.30)	0.19	(1.21)	
United Kingdom	3.16	(0.67)	4.53	(0.06)	-1.37	(0.67)	15.62	(0.80)	18.17	(0.14)	-2.56	(0.81)	
United States	4.92	(0.22)	5.68	(0.07)	-0.76	(0.23)	17.50	(0.46)	19.97	(0.15)	-2.47	(0.46)	
OECD average	4.81	(0.05)	5.07	(0.05)	-0.27	(0.07)	17.50	(0.09)	17.97	(0.11)	-0.47	(0.16)	
Partners	Argentina	4.75	(0.19)	5.15	(0.12)	-0.41	(0.22)	13.30	(0.34)	14.71	(0.27)	-1.41	(0.41)
	Azerbaijan	8.68	(0.17)	8.75	(0.19)	-0.07	(0.23)	24.13	(0.35)	24.06	(0.37)	0.07	(0.48)
	Brazil	5.15	(0.12)	5.23	(0.09)	-0.08	(0.16)	15.74	(0.29)	17.24	(0.20)	-1.49	(0.37)
	Bulgaria	5.10	(0.46)	6.22	(0.16)	-1.12	(0.46)	15.17	(1.01)	18.16	(0.34)	-2.99	(1.03)
	Chile	4.31	(0.45)	4.70	(0.08)	-0.39	(0.45)	13.68	(1.36)	16.98	(0.22)	-3.30	(1.33)
	Colombia	5.38	(0.11)	5.71	(0.12)	-0.32	(0.15)	19.61	(0.23)	21.13	(0.36)	-1.52	(0.38)
	Croatia	c	c	4.85	(0.07)	c	c	c	c	14.93	(0.15)	c	c
	Estonia	5.10	(0.06)	5.82	(0.41)	-0.72	(0.40)	18.67	(0.14)	20.69	(0.75)	-2.01	(0.75)
	Hong Kong-China	5.02	(0.16)	5.51	(0.09)	-0.49	(0.18)	20.61	(0.38)	22.76	(0.21)	-2.15	(0.42)
	Indonesia	5.81	(0.12)	5.33	(0.15)	0.48	(0.22)	20.69	(0.34)	19.60	(0.41)	1.09	(0.55)
	Israel	5.19	(0.20)	5.36	(0.12)	-0.16	(0.23)	19.08	(0.52)	19.49	(0.26)	-0.41	(0.55)
	Jordan	7.90	(0.11)	a	a	a	a	23.35	(0.22)	a	a	a	a
	Kyrgyzstan	6.53	(0.10)	7.20	(0.19)	-0.67	(0.20)	19.01	(0.24)	19.93	(0.48)	-0.93	(0.46)
	Latvia	6.28	(0.08)	5.40	(0.33)	0.87	(0.34)	20.08	(0.19)	18.60	(0.65)	1.48	(0.67)
	Liechtenstein	3.92	(0.16)	3.98	(0.50)	-0.06	(0.55)	15.57	(0.28)	15.07	(0.71)	0.50	(0.84)
	Lithuania	5.27	(0.07)	c	c	c	c	17.04	(0.14)	c	c	c	c
	Macao-China	4.49	(0.08)	5.67	(0.11)	-1.18	(0.13)	21.84	(0.18)	23.98	(0.26)	-2.14	(0.32)
	Montenegro	c	c	6.21	(0.08)	c	c	c	c	17.75	(0.16)	c	c
	Qatar	6.26	(0.12)	6.28	(0.06)	-0.02	(0.14)	18.92	(0.30)	20.16	(0.17)	-1.24	(0.32)
	Romania	5.96	(0.10)	a	a	a	a	18.57	(0.26)	a	a	a	a
Russian Federation	6.67	(0.20)	6.64	(0.12)	0.04	(0.20)	19.23	(0.40)	19.08	(0.26)	0.15	(0.45)	
Serbia	4.71	(0.60)	5.23	(0.08)	-0.52	(0.61)	17.53	(1.66)	17.18	(0.18)	0.35	(1.65)	
Slovenia	4.59	(0.27)	4.95	(0.05)	-0.36	(0.28)	15.03	(1.17)	16.91	(0.12)	-1.87	(1.18)	
Chinese Taipei	5.18	(0.13)	4.73	(0.11)	0.45	(0.17)	21.99	(0.37)	18.33	(0.34)	3.65	(0.49)	
Thailand	5.58	(0.17)	5.19	(0.08)	0.39	(0.19)	18.93	(0.29)	18.11	(0.19)	0.82	(0.34)	
Tunisia	7.02	(0.12)	7.53	(0.12)	-0.51	(0.17)	20.69	(0.25)	24.29	(0.31)	-3.61	(0.40)	
Uruguay	3.85	(0.10)	4.42	(0.07)	-0.57	(0.12)	13.86	(0.24)	15.28	(0.18)	-1.42	(0.28)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.10d Mean learning hours and allocation of total learning time in science, in mathematics and on language of instruction, by lower and upper secondary schools
[Part 3/3]

	Allocation of total learning time in science, in mathematics and on the language of instruction for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	67.4	(0.3)	63.3	(0.4)	4.1	(0.5)	8.4	(0.2)	9.6	(0.3)	-1.1	(0.4)	24.2	(0.2)	27.1	(0.3)	-3.0	(0.4)
	Austria	53.6	(2.1)	62.4	(0.4)	-8.9	(2.2)	10.1	(1.3)	5.1	(0.2)	5.1	(1.3)	36.3	(1.6)	32.5	(0.3)	3.8	(1.6)
	Belgium	59.0	(1.8)	64.5	(0.3)	-5.5	(1.8)	14.6	(1.3)	7.5	(0.2)	7.1	(1.4)	26.4	(0.8)	28.0	(0.2)	-1.6	(0.8)
	Canada	62.3	(0.6)	64.3	(0.3)	-2.0	(0.6)	13.7	(0.4)	10.5	(0.2)	3.2	(0.4)	24.0	(0.4)	25.2	(0.2)	-1.2	(0.4)
	Czech Republic	69.5	(0.5)	69.6	(0.6)	-0.1	(0.8)	10.4	(0.3)	10.0	(0.3)	0.4	(0.4)	20.1	(0.4)	20.4	(0.5)	-0.3	(0.6)
	Denmark	62.3	(0.3)	57.7	(2.4)	4.7	(2.4)	15.9	(0.2)	15.5	(2.0)	0.5	(2.0)	21.7	(0.2)	26.8	(2.0)	-5.1	(2.0)
	Finland	70.5	(0.3)	c	c	c	c	6.4	(0.2)	c	c	c	c	23.1	(0.2)	c	c	c	c
	France	61.5	(0.5)	64.6	(0.4)	-3.1	(0.6)	15.6	(0.3)	9.8	(0.3)	5.8	(0.5)	22.9	(0.3)	25.6	(0.3)	-2.6	(0.4)
	Germany	59.6	(0.3)	56.2	(1.9)	3.4	(2.0)	9.3	(0.3)	10.5	(2.5)	-1.2	(2.5)	31.1	(0.2)	33.4	(1.2)	-2.2	(1.3)
	Greece	51.1	(1.9)	47.8	(0.5)	3.3	(2.0)	20.7	(1.3)	26.1	(0.3)	-5.4	(1.3)	28.2	(1.1)	26.1	(0.3)	2.1	(1.2)
	Hungary	44.3	(2.2)	53.0	(0.4)	-8.7	(2.3)	25.1	(1.5)	18.3	(0.3)	6.8	(1.5)	30.6	(1.1)	28.8	(0.2)	1.9	(1.1)
	Iceland	69.7	(0.3)	c	c	c	c	7.2	(0.2)	c	c	c	c	23.0	(0.2)	c	c	c	c
	Ireland	61.0	(0.4)	67.4	(0.6)	-6.4	(0.6)	9.9	(0.3)	6.7	(0.3)	3.2	(0.3)	29.1	(0.3)	25.9	(0.5)	3.2	(0.5)
	Italy	51.9	(2.3)	55.0	(0.2)	-3.1	(2.3)	17.2	(1.6)	9.8	(0.2)	7.4	(1.6)	30.9	(2.0)	35.2	(0.2)	-4.3	(2.0)
	Japan	c	c	74.5	(0.5)	c	c	c	c	7.5	(0.3)	c	c	c	c	18.0	(0.4)	c	c
	Korea	61.0	(2.4)	61.4	(0.4)	-0.4	(2.5)	18.5	(2.3)	18.4	(0.3)	0.1	(2.4)	20.5	(0.8)	20.3	(0.3)	0.3	(0.9)
	Luxembourg	60.8	(0.4)	67.5	(0.4)	-6.8	(0.6)	12.7	(0.3)	7.3	(0.3)	5.4	(0.4)	26.6	(0.3)	25.2	(0.3)	1.4	(0.5)
	Mexico	50.5	(0.6)	56.1	(0.4)	-5.6	(0.7)	16.9	(0.6)	13.1	(0.2)	3.9	(0.6)	32.5	(0.5)	30.8	(0.2)	1.7	(0.6)
	Netherlands	58.9	(0.5)	62.8	(0.5)	-3.9	(0.8)	14.0	(0.4)	7.8	(0.3)	6.1	(0.5)	27.2	(0.3)	29.4	(0.5)	-2.2	(0.6)
	New Zealand	65.0	(1.3)	70.0	(0.4)	-5.0	(1.3)	11.6	(0.8)	8.0	(0.3)	3.6	(0.9)	23.4	(0.9)	22.0	(0.2)	1.4	(0.9)
	Norway	60.4	(0.4)	c	c	c	c	17.0	(0.3)	c	c	c	c	22.6	(0.3)	c	c	c	c
	Poland	59.9	(0.3)	63.2	(1.8)	-3.3	(1.8)	10.1	(0.3)	5.1	(0.7)	5.0	(0.7)	30.0	(0.3)	31.8	(1.5)	-1.7	(1.5)
	Portugal	54.7	(0.5)	61.7	(0.3)	-7.0	(0.6)	13.1	(0.4)	7.4	(0.3)	5.7	(0.5)	32.2	(0.5)	30.8	(0.3)	1.3	(0.5)
	Slovak Republic	61.6	(0.6)	57.4	(0.6)	4.2	(0.8)	13.1	(0.3)	12.5	(0.4)	0.6	(0.5)	25.3	(0.4)	30.1	(0.4)	-4.8	(0.6)
	Spain	59.0	(0.3)	c	c	c	c	11.2	(0.2)	c	c	c	c	29.7	(0.3)	c	c	c	c
	Sweden	66.2	(0.5)	63.0	(1.6)	3.2	(1.6)	10.3	(0.2)	11.7	(1.3)	-1.4	(1.3)	23.5	(0.4)	25.3	(1.2)	-1.8	(1.3)
	Switzerland	63.8	(0.3)	66.3	(0.8)	-2.5	(0.9)	9.6	(0.2)	5.9	(0.6)	3.7	(0.6)	26.6	(0.2)	27.8	(0.6)	-1.2	(0.6)
	Turkey	50.3	(1.9)	51.5	(0.4)	-1.2	(1.9)	22.1	(1.6)	21.6	(0.3)	0.5	(1.6)	27.6	(2.5)	26.9	(0.2)	0.7	(2.5)
	United Kingdom	68.3	(4.5)	67.8	(0.3)	0.5	(4.5)	12.1	(2.3)	8.2	(0.2)	3.9	(2.4)	19.6	(3.2)	24.0	(0.2)	-4.4	(3.2)
	United States	48.0	(1.8)	56.6	(0.4)	-8.6	(1.9)	22.3	(1.1)	14.4	(0.3)	7.9	(1.1)	29.7	(0.9)	29.1	(0.2)	0.7	(0.9)
	OECD average	59.7	(0.3)	61.7	(0.2)	-2.3	(0.4)	13.8	(0.2)	11.1	(0.1)	3.1	(0.3)	26.5	(0.2)	27.2	(0.1)	-0.7	(0.3)
Partners	Argentina	49.7	(0.9)	56.3	(0.7)	-6.5	(1.1)	14.2	(0.7)	9.2	(0.4)	5.0	(0.8)	36.1	(0.8)	34.6	(0.4)	1.5	(0.9)
	Azerbaijan	45.6	(0.6)	42.8	(0.6)	2.8	(0.7)	18.6	(0.5)	21.3	(0.5)	-2.7	(0.6)	35.8	(0.4)	35.9	(0.5)	-0.1	(0.6)
	Brazil	50.6	(0.7)	54.0	(0.5)	-3.4	(0.9)	18.5	(0.4)	16.5	(0.4)	2.0	(0.6)	30.9	(0.5)	29.4	(0.4)	1.4	(0.7)
	Bulgaria	50.1	(2.9)	50.0	(0.5)	0.0	(2.9)	18.9	(1.3)	16.7	(0.4)	2.2	(1.4)	31.1	(2.3)	33.3	(0.3)	-2.2	(2.3)
	Chile	43.6	(1.3)	55.0	(0.5)	-11.4	(1.5)	24.4	(1.5)	16.0	(0.3)	8.4	(1.6)	32.0	(1.7)	29.0	(0.3)	3.0	(1.7)
	Colombia	57.4	(0.7)	60.8	(0.6)	-3.4	(0.8)	15.9	(0.5)	13.6	(0.3)	2.3	(0.6)	26.6	(0.5)	25.6	(0.4)	1.0	(0.5)
	Croatia	c	c	60.0	(0.4)	c	c	c	c	9.5	(0.2)	c	c	c	c	30.5	(0.3)	c	c
	Estonia	60.8	(0.4)	63.3	(1.7)	-2.5	(1.8)	13.3	(0.3)	10.1	(1.2)	3.2	(1.3)	25.9	(0.2)	26.6	(1.4)	-0.7	(1.4)
	Hong Kong-China	65.0	(0.8)	63.7	(0.4)	1.3	(0.9)	11.9	(0.4)	13.5	(0.3)	-1.6	(0.4)	23.1	(0.5)	22.8	(0.3)	0.3	(0.6)
	Indonesia	53.1	(0.6)	59.1	(1.0)	-5.9	(1.2)	18.9	(0.4)	14.1	(0.6)	4.8	(0.7)	28.0	(0.5)	26.9	(0.6)	1.2	(0.8)
	Israel	51.6	(1.1)	52.4	(0.5)	-0.8	(1.2)	22.2	(0.7)	21.6	(0.3)	0.7	(0.7)	26.2	(0.7)	26.1	(0.4)	0.1	(0.8)
	Jordan	43.6	(0.5)	a	a	a	a	21.9	(0.4)	a	a	a	a	34.5	(0.3)	a	a	a	a
	Kyrgyzstan	39.9	(0.5)	40.4	(0.8)	-0.5	(0.9)	25.7	(0.5)	23.8	(0.7)	1.9	(0.8)	34.4	(0.4)	35.9	(0.5)	-1.5	(0.7)
	Latvia	57.2	(0.3)	62.6	(1.1)	-5.4	(1.3)	12.8	(0.3)	10.5	(0.9)	2.3	(0.9)	30.1	(0.3)	26.9	(1.3)	3.1	(1.4)
	Liechtenstein	65.5	(1.1)	71.7	(2.8)	-6.2	(2.7)	9.0	(0.7)	3.4	(1.2)	5.6	(1.2)	25.4	(0.9)	24.9	(2.2)	0.5	(2.2)
	Lithuania	59.5	(0.3)	75.0	(0.0)	-15.5	(0.3)	11.1	(0.3)	c	c	c	c	29.4	(0.2)	c	c	c	c
	Macao-China	66.3	(0.4)	67.2	(0.4)	-0.9	(0.6)	14.3	(0.3)	10.5	(0.3)	3.8	(0.4)	19.4	(0.3)	22.3	(0.3)	-2.9	(0.4)
	Montenegro	c	c	50.8	(0.3)	c	c	c	c	14.5	(0.3)	c	c	c	c	34.7	(0.3)	c	c
	Qatar	38.9	(0.5)	44.4	(0.3)	-5.5	(0.6)	27.6	(0.5)	23.8	(0.2)	3.8	(0.5)	33.5	(0.4)	31.8	(0.2)	1.7	(0.5)
	Romania	48.7	(0.4)	a	a	a	a	20.5	(0.3)	a	a	a	a	30.9	(0.2)	a	a	a	a
	Russian Federation	48.9	(0.8)	52.0	(0.4)	-3.1	(0.7)	17.6	(0.8)	14.6	(0.4)	3.0	(0.8)	33.5	(0.6)	33.5	(0.4)	0.0	(0.5)
	Serbia	60.1	(3.4)	57.7	(0.4)	2.5	(3.5)	16.9	(1.5)	13.8	(0.3)	3.1	(1.6)	22.9	(2.4)	28.5	(0.3)	-5.6	(2.4)
	Slovenia	49.9	(2.3)	57.2	(0.3)	-7.3	(2.3)	21.0	(1.9)	13.6	(0.2)	7.3	(1.9)	29.1	(2.7)	29.1	(0.2)	-0.0	(2.7)
	Chinese Taipei	58.5	(0.5)	62.8	(0.4)	-4.3	(0.7)	17.6	(0.4)	12.2	(0.3)	5.3	(0.5)	23.9	(0.3)	24.9	(0.3)	-1.0	(0.4)
	Thailand	61.1	(0.7)	62.8	(0.3)	-1.7	(0.8)	11.7	(0.6)	9.6	(0.3)	2.0	(0.6)	27.3	(0.6)	27.6	(0.3)	-0.3	(0.6)
	Tunisia	38.1	(0.5)	44.3	(0.3)	-6.2	(0.6)	28.1	(0.3)	25.0	(0.3)	3.1	(0.4)	33.9	(0.4)	30.7	(0.3)	3.2	(0.5)
	Uruguay	54.9	(0.8)	61.2	(0.4)	-6.3	(0.9)	16.1	(0.6)	11.0	(0.3)	5.1	(0.7)	29.0	(0.5)	27.8	(0.3)	1.2	(0.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11a Mean learning hours and allocation of total learning time in science, by public and private schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	
	Austria	2.45	(0.07)	2.67	(0.21)	-0.22	(0.22)	0.21	(0.02)	0.21	(0.05)	0.00	(0.05)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	
	Canada	4.03	(0.04)	3.97	(0.12)	0.05	(0.13)	0.56	(0.01)	0.54	(0.04)	0.02	(0.04)
	Czech Republic	3.00	(0.07)	2.06	(0.34)	0.94	(0.36)	0.54	(0.02)	0.46	(0.12)	0.08	(0.12)
	Denmark	3.20	(0.05)	3.26	(0.12)	-0.06	(0.13)	0.79	(0.02)	0.71	(0.05)	0.08	(0.06)
	Finland	3.11	(0.04)	3.53	(0.21)	-0.42	(0.22)	0.32	(0.01)	0.50	(0.12)	-0.18	(0.12)
	France	w	w	w	w	w	w	w	w	w	w	w	
	Germany	3.05	(0.05)	3.36	(0.33)	-0.31	(0.34)	0.51	(0.02)	0.48	(0.07)	0.03	(0.07)
	Greece	3.10	(0.05)	4.55	(0.23)	-1.45	(0.24)	2.01	(0.05)	1.66	(0.08)	0.35	(0.09)
	Hungary	2.44	(0.06)	2.81	(0.20)	-0.37	(0.22)	1.00	(0.03)	1.00	(0.10)	-0.00	(0.10)
	Iceland	2.97	(0.02)	3.20	(0.25)	-0.23	(0.25)	0.29	(0.01)	0.28	(0.13)	0.01	(0.13)
	Ireland	2.52	(0.07)	2.57	(0.05)	-0.04	(0.09)	0.35	(0.02)	0.30	(0.02)	0.05	(0.03)
	Italy	2.94	(0.06)	2.45	(0.18)	0.49	(0.20)	0.58	(0.01)	0.58	(0.06)	0.00	(0.07)
	Japan	2.59	(0.05)	2.93	(0.12)	-0.34	(0.13)	0.26	(0.01)	0.26	(0.02)	-0.00	(0.02)
	Korea	3.72	(0.10)	3.42	(0.09)	0.30	(0.15)	1.13	(0.08)	0.90	(0.06)	0.23	(0.11)
	Luxembourg	2.31	(0.03)	2.45	(0.07)	-0.14	(0.07)	0.50	(0.02)	0.53	(0.04)	-0.03	(0.04)
	Mexico	3.08	(0.04)	3.57	(0.12)	-0.50	(0.13)	1.05	(0.03)	0.76	(0.06)	0.30	(0.06)
	Netherlands	2.17	(0.11)	2.17	(0.06)	-0.00	(0.14)	0.54	(0.03)	0.53	(0.02)	0.01	(0.04)
	New Zealand	4.02	(0.04)	4.55	(0.20)	-0.53	(0.20)	0.40	(0.02)	0.49	(0.08)	-0.09	(0.08)
Norway	2.62	(0.03)	3.00	(0.10)	-0.38	(0.11)	0.94	(0.02)	0.71	(0.10)	0.23	(0.10)	
Poland	2.70	(0.04)	3.44	(0.13)	-0.73	(0.14)	0.62	(0.02)	0.64	(0.08)	-0.01	(0.09)	
Portugal	3.19	(0.05)	3.37	(0.13)	-0.18	(0.13)	0.63	(0.02)	0.67	(0.08)	-0.04	(0.08)	
Slovak Republic	2.43	(0.08)	2.77	(0.24)	-0.34	(0.27)	0.66	(0.03)	0.55	(0.08)	0.10	(0.09)	
Spain	2.84	(0.05)	3.62	(0.07)	-0.78	(0.08)	0.66	(0.03)	0.72	(0.05)	-0.06	(0.06)	
Sweden	2.83	(0.03)	2.57	(0.16)	0.26	(0.15)	0.51	(0.01)	0.45	(0.05)	0.06	(0.05)	
Switzerland	2.38	(0.05)	2.42	(0.19)	-0.04	(0.21)	0.39	(0.01)	0.45	(0.06)	-0.06	(0.06)	
Turkey	2.87	(0.09)	2.67	(0.44)	0.20	(0.45)	1.35	(0.05)	1.28	(0.22)	0.08	(0.23)	
United Kingdom	4.23	(0.04)	4.81	(0.26)	-0.58	(0.26)	0.50	(0.02)	0.26	(0.04)	0.23	(0.05)	
United States	3.46	(0.05)	4.13	(0.12)	-0.67	(0.13)	0.79	(0.02)	0.66	(0.06)	0.14	(0.06)	
OECD average	2.95	(0.01)	3.18	(0.04)	-0.23	(0.04)	0.66	(0.01)	0.60	(0.02)	0.06	(0.02)	
Partners	Argentina	2.04	(0.06)	2.65	(0.08)	-0.61	(0.10)	0.52	(0.03)	0.42	(0.03)	0.10	(0.04)
	Azerbaijan	2.83	(0.06)	3.47	(0.05)	-0.64	(0.08)	1.36	(0.03)	1.63	(0.02)	-0.27	(0.04)
	Brazil	2.03	(0.03)	3.31	(0.12)	-1.28	(0.13)	0.76	(0.03)	0.95	(0.08)	-0.19	(0.08)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	
	Chile	2.02	(0.08)	2.57	(0.06)	-0.55	(0.10)	0.86	(0.03)	0.80	(0.02)	0.05	(0.04)
	Colombia	3.44	(0.14)	3.80	(0.15)	-0.36	(0.21)	0.99	(0.04)	0.80	(0.05)	0.19	(0.06)
	Croatia	2.01	(0.04)	2.61	(0.00)	-0.60	(0.04)	0.43	(0.02)	0.56	(0.00)	-0.13	(0.02)
	Estonia	3.27	(0.04)	3.41	(0.28)	-0.14	(0.28)	0.77	(0.02)	0.37	(0.11)	0.40	(0.11)
	Hong Kong-China	3.10	(0.20)	3.15	(0.06)	-0.05	(0.21)	0.89	(0.10)	0.88	(0.03)	0.02	(0.10)
	Indonesia	3.54	(0.09)	2.77	(0.10)	0.77	(0.14)	1.11	(0.06)	0.95	(0.05)	0.16	(0.07)
	Israel	2.50	(0.05)	2.32	(0.14)	0.18	(0.15)	1.07	(0.03)	0.78	(0.06)	0.29	(0.08)
	Jordan	3.15	(0.06)	3.55	(0.11)	-0.40	(0.12)	1.52	(0.04)	1.56	(0.08)	-0.04	(0.09)
	Kyrgyzstan	2.06	(0.06)	2.83	(0.36)	-0.77	(0.37)	1.36	(0.03)	1.07	(0.35)	0.29	(0.36)
	Latvia	2.86	(0.06)	a	a	a	a	0.65	(0.02)	a	a	a	a
	Liechtenstein	2.65	(0.09)	c	c	c	c	0.54	(0.06)	c	c	c	c
	Lithuania	2.68	(0.04)	c	c	c	c	0.57	(0.02)	c	c	c	c
	Macao-China	2.85	(0.11)	3.78	(0.03)	-0.93	(0.11)	0.79	(0.08)	1.00	(0.03)	-0.21	(0.09)
	Montenegro	2.85	(0.04)	a	a	a	a	1.05	(0.02)	a	a	a	a
	Qatar	2.53	(0.04)	3.44	(0.08)	-0.91	(0.09)	1.48	(0.03)	1.46	(0.06)	0.02	(0.06)
	Romania	2.26	(0.07)	a	a	a	a	1.03	(0.02)	a	a	a	a
Russian Federation	3.73	(0.08)	a	a	a	a	1.12	(0.03)	a	a	a	a	
Serbia	2.86	(0.06)	c	c	c	c	0.79	(0.02)	c	c	c	c	
Slovenia	2.79	(0.03)	4.31	(0.19)	-1.53	(0.19)	0.72	(0.02)	0.59	(0.10)	0.12	(0.10)	
Chinese Taipei	3.13	(0.07)	2.46	(0.14)	0.67	(0.17)	0.92	(0.03)	0.52	(0.04)	0.39	(0.06)	
Thailand	3.94	(0.04)	3.18	(0.10)	0.76	(0.11)	0.94	(0.03)	0.74	(0.11)	0.20	(0.12)	
Tunisia	2.64	(0.05)	1.82	(0.29)	0.82	(0.30)	1.94	(0.03)	1.62	(0.27)	0.32	(0.27)	
Uruguay	2.22	(0.05)	3.36	(0.11)	-1.14	(0.12)	0.61	(0.02)	0.61	(0.04)	-0.00	(0.05)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.11a Mean learning hours and allocation of total learning time in science, by public and private schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	
	Austria	1.26	(0.04)	1.46	(0.11)	-0.21	(0.11)	3.92	(0.10)	4.36	(0.27)	-0.44	(0.29)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	
	Canada	1.56	(0.03)	1.67	(0.08)	-0.11	(0.08)	6.17	(0.06)	6.16	(0.19)	0.01	(0.20)
	Czech Republic	1.03	(0.03)	0.66	(0.17)	0.37	(0.18)	4.56	(0.11)	3.18	(0.59)	1.39	(0.64)
	Denmark	1.07	(0.03)	1.10	(0.06)	-0.03	(0.07)	5.04	(0.08)	5.05	(0.20)	-0.01	(0.22)
	Finland	1.07	(0.02)	1.29	(0.17)	-0.22	(0.16)	4.49	(0.06)	5.38	(0.22)	-0.88	(0.22)
	France	w	w	w	w	w	w	w	w	w	w	w	
	Germany	1.70	(0.03)	1.71	(0.12)	-0.01	(0.12)	5.27	(0.07)	5.55	(0.43)	-0.29	(0.44)
	Greece	1.83	(0.04)	2.11	(0.11)	-0.28	(0.12)	6.94	(0.11)	8.35	(0.27)	-1.41	(0.30)
	Hungary	1.57	(0.04)	1.71	(0.11)	-0.15	(0.12)	5.01	(0.10)	5.51	(0.35)	-0.50	(0.38)
	Iceland	1.17	(0.02)	1.36	(0.21)	-0.19	(0.21)	4.43	(0.04)	4.84	(0.35)	-0.41	(0.35)
	Ireland	1.16	(0.04)	1.24	(0.03)	-0.07	(0.05)	4.03	(0.12)	4.09	(0.08)	-0.07	(0.14)
	Italy	2.12	(0.04)	1.65	(0.12)	0.47	(0.14)	5.63	(0.11)	4.71	(0.30)	0.92	(0.34)
	Japan	0.68	(0.02)	0.72	(0.04)	-0.04	(0.04)	3.53	(0.07)	3.92	(0.15)	-0.39	(0.16)
	Korea	1.27	(0.10)	1.16	(0.04)	0.12	(0.12)	6.14	(0.26)	5.49	(0.16)	0.65	(0.35)
	Luxembourg	1.23	(0.02)	1.35	(0.06)	-0.12	(0.06)	4.05	(0.05)	4.30	(0.11)	-0.25	(0.13)
	Mexico	2.15	(0.03)	2.00	(0.07)	0.15	(0.07)	6.23	(0.08)	6.31	(0.14)	-0.08	(0.16)
	Netherlands	1.25	(0.05)	1.20	(0.03)	0.05	(0.06)	77.43	(0.13)	3.88	(0.09)	0.06	(0.18)
	New Zealand	1.24	(0.03)	1.86	(0.09)	-0.62	(0.09)	5.67	(0.07)	6.90	(0.23)	-1.23	(0.24)
	Norway	1.23	(0.02)	1.22	(0.25)	0.00	(0.25)	4.79	(0.05)	4.94	(0.39)	-0.15	(0.40)
	Poland	2.01	(0.03)	2.38	(0.12)	-0.36	(0.13)	5.34	(0.07)	6.44	(0.27)	-1.10	(0.28)
	Portugal	2.09	(0.04)	2.09	(0.15)	-0.00	(0.15)	5.91	(0.08)	6.12	(0.27)	-0.22	(0.28)
	Slovak Republic	1.39	(0.04)	1.41	(0.13)	-0.02	(0.13)	4.49	(0.14)	4.76	(0.42)	-0.28	(0.45)
	Spain	1.64	(0.03)	1.90	(0.05)	-0.26	(0.06)	5.16	(0.08)	6.27	(0.13)	-1.12	(0.15)
	Sweden	1.14	(0.02)	1.26	(0.10)	-0.12	(0.10)	4.47	(0.04)	4.27	(0.23)	0.20	(0.23)
Switzerland	1.12	(0.02)	1.20	(0.11)	-0.08	(0.12)	3.89	(0.06)	4.05	(0.32)	-0.16	(0.34)	
Turkey	1.64	(0.05)	1.62	(0.17)	0.02	(0.18)	5.82	(0.19)	5.43	(0.66)	0.38	(0.69)	
United Kingdom	1.41	(0.03)	1.95	(0.09)	-0.54	(0.10)	6.14	(0.05)	7.01	(0.36)	-0.87	(0.36)	
United States	1.65	(0.03)	2.10	(0.15)	-0.46	(0.16)	5.94	(0.07)	6.88	(0.22)	-0.94	(0.24)	
OECD average	1.42	(0.01)	1.52	(0.02)	-0.10	(0.02)	7.66	(0.02)	5.30	(0.06)	-0.27	(0.06)	
Partners	Argentina	1.52	(0.05)	1.71	(0.07)	-0.19	(0.08)	4.07	(0.11)	4.76	(0.12)	-0.69	(0.16)
	Azerbaijan	2.64	(0.05)	2.60	(0.10)	0.04	(0.10)	6.82	(0.11)	7.68	(0.14)	-0.86	(0.16)
	Brazil	1.66	(0.03)	1.91	(0.05)	-0.25	(0.06)	4.45	(0.06)	6.16	(0.20)	-1.71	(0.20)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	
	Chile	1.48	(0.04)	1.55	(0.04)	-0.07	(0.06)	4.38	(0.11)	4.94	(0.10)	-0.56	(0.15)
	Colombia	1.85	(0.04)	1.75	(0.07)	0.10	(0.08)	6.27	(0.21)	6.35	(0.21)	-0.08	(0.30)
	Croatia	1.46	(0.04)	1.54	(0.00)	-0.08	(0.04)	3.92	(0.09)	4.70	(0.01)	-0.79	(0.09)
	Estonia	1.55	(0.03)	1.22	(0.08)	0.33	(0.08)	5.58	(0.06)	4.97	(0.36)	0.62	(0.36)
	Hong Kong-China	1.42	(0.14)	1.44	(0.03)	-0.03	(0.14)	5.41	(0.39)	5.46	(0.10)	-0.05	(0.41)
	Indonesia	1.88	(0.06)	1.63	(0.05)	0.25	(0.08)	6.52	(0.15)	5.33	(0.16)	1.19	(0.23)
	Israel	1.46	(0.05)	1.14	(0.10)	0.33	(0.12)	5.02	(0.10)	4.24	(0.25)	0.78	(0.28)
	Jordan	2.62	(0.05)	2.72	(0.10)	-0.10	(0.11)	7.31	(0.10)	7.73	(0.18)	-0.42	(0.21)
	Kyrgyzstan	2.13	(0.04)	2.18	(0.35)	-0.05	(0.35)	5.59	(0.09)	6.12	(0.89)	-0.53	(0.90)
	Latvia	1.80	(0.03)	a	a	a	a	5.30	(0.09)	a	a	a	a
	Liechtenstein	1.18	(0.06)	c	c	c	c	4.37	(0.11)	c	c	c	c
	Lithuania	1.68	(0.03)	c	c	c	c	4.93	(0.06)	c	c	c	c
	Macao-China	0.86	(0.08)	1.39	(0.03)	-0.54	(0.09)	4.51	(0.19)	6.17	(0.06)	-1.66	(0.20)
	Montenegro	2.21	(0.03)	a	a	a	a	6.11	(0.07)	a	a	a	a
	Qatar	2.00	(0.03)	2.32	(0.07)	-0.32	(0.08)	6.02	(0.07)	7.28	(0.15)	-1.26	(0.16)
	Romania	1.61	(0.05)	a	a	a	a	4.88	(0.11)	a	a	a	a
	Russian Federation	2.87	(0.06)	a	a	a	a	7.72	(0.13)	a	a	a	a
	Serbia	1.71	(0.04)	c	c	c	c	5.36	(0.10)	c	c	c	c
	Slovenia	1.53	(0.02)	1.76	(0.12)	-0.23	(0.12)	5.04	(0.05)	6.69	(0.27)	-1.65	(0.28)
	Chinese Taipei	1.36	(0.04)	1.02	(0.06)	0.33	(0.08)	5.43	(0.12)	4.02	(0.23)	1.41	(0.29)
	Thailand	1.89	(0.04)	1.36	(0.07)	0.53	(0.08)	6.77	(0.07)	5.27	(0.22)	1.49	(0.23)
	Tunisia	2.62	(0.04)	2.12	(0.13)	0.50	(0.14)	7.19	(0.10)	5.36	(0.47)	1.83	(0.48)
Uruguay	1.27	(0.03)	1.59	(0.07)	-0.32	(0.08)	4.12	(0.08)	5.58	(0.17)	-1.46	(0.19)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11a Mean learning hours and allocation of total learning time in science, by public and private schools
[Part 3/3]

	Allocation of total learning time in science for																	
	Regular school lessons						Out-of-school-time lessons						Individual study					
	Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.
OECD	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Australia	64.1	(0.6)	63.8	(2.1)	0.3	(2.1)	4.3	(0.3)	3.2	(0.7)	1.1	(0.8)	31.5	(0.6)	33.0	(1.8)	-1.5	(1.8)
Austria	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
Belgium	66.1	(0.4)	66.7	(0.8)	-0.6	(0.9)	8.6	(0.2)	7.1	(0.5)	1.5	(0.5)	25.3	(0.3)	26.2	(0.6)	-0.9	(0.7)
Canada	68.7	(0.7)	69.2	(3.5)	-0.5	(3.7)	9.7	(0.3)	12.2	(1.8)	-2.5	(1.7)	21.6	(0.5)	18.6	(2.4)	3.0	(2.7)
Czech Republic	66.8	(0.6)	67.5	(1.2)	-0.7	(1.3)	13.3	(0.3)	12.1	(0.6)	1.1	(0.7)	19.9	(0.4)	20.3	(0.8)	-0.4	(0.9)
Denmark	71.0	(0.4)	69.2	(3.9)	1.8	(3.8)	5.9	(0.2)	6.9	(1.3)	-1.0	(1.3)	23.1	(0.3)	23.9	(3.0)	-0.8	(3.0)
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
France	58.0	(0.6)	60.8	(2.3)	-2.8	(2.4)	8.5	(0.4)	7.6	(1.2)	1.0	(1.3)	33.5	(0.3)	31.6	(1.5)	1.8	(1.5)
Germany	47.8	(0.6)	58.4	(1.2)	-10.6	(1.3)	26.7	(0.4)	18.2	(1.3)	8.5	(1.4)	25.6	(0.4)	23.4	(1.0)	2.2	(1.0)
Greece	51.1	(0.6)	54.0	(1.2)	-2.8	(1.3)	18.1	(0.5)	16.1	(1.1)	2.0	(1.3)	30.8	(0.4)	30.0	(0.7)	0.8	(0.7)
Hungary	70.1	(0.4)	70.2	(3.4)	-0.1	(3.4)	5.1	(0.2)	4.9	(2.1)	0.2	(2.1)	24.8	(0.3)	24.9	(3.1)	-0.1	(3.1)
Iceland	66.0	(0.7)	66.4	(0.6)	-0.4	(0.9)	6.9	(0.4)	5.7	(0.3)	1.1	(0.5)	27.2	(0.6)	27.9	(0.4)	-0.7	(0.7)
Ireland	54.0	(0.3)	53.9	(1.6)	0.0	(1.6)	9.1	(0.2)	11.3	(1.5)	-2.2	(1.5)	36.9	(0.2)	34.8	(1.1)	2.2	(1.2)
Italy	78.3	(0.5)	78.5	(0.7)	-0.2	(0.7)	5.2	(0.3)	5.2	(0.3)	-0.1	(0.4)	16.5	(0.5)	16.2	(0.7)	0.3	(0.8)
Japan	67.0	(1.0)	68.0	(1.0)	-1.0	(1.6)	14.7	(0.6)	12.8	(0.7)	1.8	(1.2)	18.4	(0.6)	19.2	(0.5)	-0.8	(0.8)
Korea	60.2	(0.4)	57.5	(1.1)	2.7	(1.2)	9.9	(0.3)	10.8	(0.7)	-1.0	(0.7)	29.9	(0.4)	31.7	(0.9)	-1.8	(1.0)
Luxembourg	47.3	(0.4)	55.0	(1.4)	-7.7	(1.5)	15.7	(0.3)	10.9	(0.7)	4.8	(0.8)	37.0	(0.4)	34.1	(1.2)	2.9	(1.2)
Mexico	56.4	(1.1)	56.4	(0.7)	0.1	(1.3)	12.3	(0.9)	12.7	(0.5)	-0.4	(1.1)	31.2	(0.6)	30.9	(0.5)	0.3	(0.7)
Netherlands	73.4	(0.4)	68.9	(1.2)	4.5	(1.2)	6.2	(0.2)	5.9	(1.1)	0.3	(1.1)	20.4	(0.3)	25.2	(0.5)	-4.8	(0.6)
New Zealand	59.4	(0.5)	64.6	(3.6)	-5.2	(3.7)	17.0	(0.3)	10.9	(1.8)	6.1	(1.9)	23.5	(0.3)	24.4	(2.4)	-0.9	(2.4)
Norway	53.2	(0.4)	55.1	(1.5)	-2.0	(1.6)	10.3	(0.3)	8.9	(0.8)	1.4	(0.9)	36.5	(0.4)	36.0	(1.1)	0.6	(1.2)
Poland	54.5	(0.5)	56.4	(2.1)	-1.9	(2.1)	9.3	(0.3)	9.6	(0.7)	-0.4	(0.8)	36.3	(0.4)	34.0	(1.5)	2.3	(1.5)
Portugal	58.4	(0.6)	63.0	(1.9)	-4.6	(2.0)	11.9	(0.4)	9.8	(0.9)	2.1	(1.0)	29.7	(0.4)	27.2	(1.2)	2.5	(1.3)
Slovak Republic	58.2	(0.5)	60.2	(0.5)	-2.0	(0.7)	11.0	(0.4)	10.1	(0.5)	1.0	(0.7)	30.7	(0.4)	29.7	(0.4)	1.0	(0.6)
Spain	67.0	(0.6)	63.9	(2.3)	3.1	(2.3)	9.2	(0.2)	8.6	(0.8)	0.6	(0.9)	23.8	(0.5)	27.5	(1.6)	-3.7	(1.6)
Sweden	62.2	(0.4)	60.6	(2.0)	1.5	(2.1)	8.2	(0.2)	9.2	(1.0)	-1.1	(1.1)	29.7	(0.3)	30.1	(1.2)	-0.5	(1.3)
Switzerland	51.2	(0.5)	53.3	(3.3)	-2.1	(3.3)	21.0	(0.4)	19.5	(1.9)	1.5	(2.0)	27.9	(0.4)	27.3	(2.6)	0.6	(2.6)
Turkey	70.9	(0.4)	69.3	(0.5)	1.6	(0.6)	7.0	(0.2)	3.1	(0.5)	3.9	(0.5)	22.1	(0.3)	27.6	(0.4)	-5.5	(0.5)
United Kingdom	58.2	(0.6)	62.7	(0.7)	-4.5	(0.9)	12.9	(0.4)	8.1	(0.8)	4.8	(0.9)	28.9	(0.3)	29.2	(1.2)	-0.3	(1.3)
United States	61.5	(0.1)	62.8	(0.4)	-1.3	(0.4)	10.9	(0.1)	9.5	(0.2)	1.4	(0.2)	27.6	(0.1)	27.7	(0.3)	-0.1	(0.3)
OECD average																		
Partners																		
Argentina	0.0	(0.8)	56.6	(1.3)	-5.5	(1.4)	10.8	(0.5)	7.7	(0.6)	3.1	(0.8)	38.1	(0.6)	35.7	(1.1)	2.4	(1.3)
Azerbaijan	100.0	(0.6)	49.9	(1.3)	-6.8	(1.4)	19.4	(0.5)	18.2	(0.3)	1.2	(0.5)	37.6	(0.4)	32.0	(1.3)	5.7	(1.4)
Brazil	100.0	(0.5)	56.1	(1.0)	-6.8	(1.2)	14.3	(0.4)	13.2	(0.7)	1.1	(0.8)	36.4	(0.4)	30.7	(0.7)	5.7	(0.9)
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Chile	45.3	(0.9)	51.8	(0.6)	-6.5	(1.1)	18.4	(0.7)	14.8	(0.5)	3.6	(0.9)	36.3	(0.6)	33.4	(0.5)	2.9	(0.8)
Colombia	58.1	(0.8)	62.7	(1.3)	-4.6	(1.5)	13.5	(0.4)	11.0	(0.8)	2.5	(0.9)	28.4	(0.5)	26.4	(0.7)	2.1	(0.9)
Croatia	54.4	(0.5)	59.1	(0.1)	-4.6	(0.5)	9.8	(0.4)	12.0	(0.0)	-2.2	(0.4)	35.8	(0.5)	28.9	(0.1)	6.8	(0.5)
Estonia	61.3	(0.5)	68.8	(2.3)	-7.4	(2.4)	12.7	(0.4)	7.2	(1.8)	5.6	(1.8)	26.0	(0.3)	24.1	(1.3)	1.9	(1.5)
Hong Kong-China	61.1	(1.8)	61.0	(0.6)	0.1	(1.9)	14.1	(1.2)	13.9	(0.4)	0.2	(1.3)	24.9	(0.7)	25.2	(0.4)	-0.3	(0.8)
Indonesia	56.0	(1.1)	52.4	(0.9)	3.6	(1.1)	15.1	(0.7)	16.3	(0.8)	-1.1	(0.7)	28.9	(0.6)	31.3	(0.7)	-2.4	(1.0)
Israel	52.0	(1.0)	60.1	(2.0)	-8.2	(2.5)	19.4	(0.5)	15.7	(0.8)	3.7	(1.1)	28.6	(0.7)	24.1	(1.4)	4.5	(1.7)
Jordan	42.4	(0.6)	44.1	(1.4)	-1.7	(1.5)	20.6	(0.4)	19.7	(1.1)	0.9	(1.1)	37.0	(0.4)	36.2	(0.9)	0.8	(1.0)
Kyrgyzstan	35.0	(0.7)	48.1	(1.2)	-13.1	(1.4)	26.1	(0.6)	15.4	(4.5)	10.7	(4.7)	38.8	(0.4)	36.5	(4.1)	2.3	(4.1)
Latvia	56.1	(0.5)	a	a	a	a	10.4	(0.3)	a	a	a	a	33.5	(0.4)	a	a	a	a
Liechtenstein	62.0	(1.5)	c	c	c	c	10.3	(1.1)	c	c	c	c	27.7	(1.3)	c	c	c	c
Lithuania	57.1	(0.5)	c	c	c	c	10.1	(0.3)	c	c	c	c	32.8	(0.3)	c	c	c	c
Macao-China	67.7	(2.0)	64.6	(0.4)	3.1	(2.0)	15.1	(1.4)	14.5	(0.3)	0.6	(1.4)	17.2	(1.3)	20.9	(0.3)	-3.7	(1.3)
Montenegro	46.9	(0.4)	a	a	a	a	16.0	(0.3)	a	a	a	a	37.1	(0.5)	a	a	a	a
Qatar	39.6	(0.4)	46.8	(0.9)	-7.1	(1.0)	25.5	(0.3)	20.7	(0.8)	4.8	(0.8)	34.9	(0.4)	32.5	(0.7)	2.4	(0.9)
Romania	48.1	(0.6)	a	a	a	a	19.5	(0.5)	a	a	a	a	32.4	(0.5)	a	a	a	a
Russian Federation	48.6	(0.5)	a	a	a	a	15.0	(0.5)	a	a	a	a	36.4	(0.5)	a	a	a	a
Serbia	56.8	(0.5)	c	c	c	c	13.4	(0.4)	c	c	c	c	29.8	(0.4)	c	c	c	c
Slovenia	m	m	66.4	(1.9)	m	m	13.3	(0.3)	7.7	(1.2)	5.5	(1.2)	31.3	(0.4)	25.8	(1.6)	5.4	(1.7)
Chinese Taipei	62.4	(0.5)	66.3	(0.8)	-3.9	(1.0)	13.1	(0.3)	10.4	(0.5)	2.7	(0.7)	24.5	(0.4)	23.3	(0.5)	1.2	(0.6)
Thailand	63.5	(0.4)	65.7	(1.1)	-2.2	(1.1)	10.2	(0.4)	8.4	(1.0)	1.9	(1.1)	26.2	(0.3)	25.9	(0.7)	0.3	(0.8)
Taiwan	37.4	(0.4)	33.8	(5.6)	3.6	(5.6)	25.8	(0.4)	29.4	(4.5)	-3.6	(4.5)	36.8	(0.4)	36.8	(3.0)	0.0	(3.0)
Uruguay	55.1	(0.6)	61.2	(1.1)	-6.1	(1.2)	12.5	(0.4)	9.8	(0.6)	2.7	(0.7)	32.4	(0.5)	29.0	(0.9)	3.4	(1.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.11b Mean learning hours and allocation of total learning time in mathematics by public and private schools
[Part 1/3]

	Mean learning hours per week											
	Regular school lessons						Out-of-school-time lessons					
	Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD												
Australia	w	w	w	w	w	w	w	w	w	w	w	w
Austria	3.24	(0.05)	3.08	(0.11)	0.16	(0.12)	0.51	(0.02)	0.47	(0.07)	0.04	(0.07)
Belgium	w	w	w	w	w	w	w	w	w	w	w	w
Canada	4.51	(0.04)	4.50	(0.08)	0.01	(0.09)	0.93	(0.02)	1.02	(0.06)	-0.08	(0.07)
Czech Republic	4.01	(0.05)	3.90	(0.35)	0.11	(0.36)	0.75	(0.03)	0.83	(0.19)	-0.08	(0.20)
Denmark	4.45	(0.04)	4.45	(0.10)	0.00	(0.11)	1.44	(0.03)	1.16	(0.07)	0.29	(0.08)
Finland	3.45	(0.04)	3.32	(0.25)	0.14	(0.25)	0.36	(0.02)	0.58	(0.10)	-0.22	(0.10)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	3.90	(0.04)	3.62	(0.21)	0.28	(0.21)	0.81	(0.03)	0.81	(0.14)	-0.00	(0.14)
Greece	3.41	(0.04)	4.22	(0.18)	-0.81	(0.19)	2.25	(0.06)	1.83	(0.11)	0.42	(0.12)
Hungary	3.28	(0.05)	3.36	(0.12)	-0.08	(0.14)	1.31	(0.03)	1.21	(0.08)	0.10	(0.08)
Iceland	4.75	(0.02)	5.47	(0.27)	-0.73	(0.27)	0.73	(0.02)	0.80	(0.18)	-0.07	(0.19)
Ireland	3.60	(0.06)	3.70	(0.03)	-0.09	(0.07)	0.78	(0.04)	0.68	(0.03)	0.10	(0.04)
Italy	3.76	(0.04)	3.22	(0.17)	0.54	(0.18)	0.90	(0.02)	0.68	(0.06)	0.22	(0.06)
Japan	4.19	(0.07)	4.34	(0.15)	-0.15	(0.16)	0.68	(0.04)	0.79	(0.05)	-0.12	(0.06)
Korea	4.58	(0.08)	4.84	(0.07)	-0.26	(0.12)	2.18	(0.09)	2.39	(0.10)	-0.22	(0.16)
Luxembourg	3.85	(0.03)	3.86	(0.06)	-0.01	(0.06)	0.82	(0.02)	0.94	(0.06)	-0.12	(0.07)
Mexico	3.87	(0.04)	4.33	(0.13)	-0.45	(0.13)	1.23	(0.03)	0.90	(0.06)	0.33	(0.06)
Netherlands	2.88	(0.07)	2.87	(0.05)	0.01	(0.09)	0.74	(0.03)	0.66	(0.03)	0.08	(0.05)
New Zealand	4.36	(0.03)	4.70	(0.14)	-0.33	(0.15)	0.68	(0.02)	0.73	(0.08)	-0.05	(0.08)
Norway	3.37	(0.03)	3.74	(0.15)	-0.36	(0.15)	1.05	(0.02)	0.78	(0.15)	0.28	(0.15)
Poland	4.35	(0.04)	4.54	(0.09)	-0.19	(0.10)	0.78	(0.02)	0.70	(0.13)	0.07	(0.13)
Portugal	3.57	(0.04)	3.93	(0.16)	-0.36	(0.17)	0.81	(0.02)	0.82	(0.11)	-0.00	(0.12)
Slovak Republic	3.31	(0.06)	3.14	(0.34)	0.17	(0.35)	0.89	(0.03)	0.78	(0.11)	0.11	(0.12)
Spain	3.29	(0.03)	3.66	(0.05)	-0.37	(0.06)	0.99	(0.03)	1.00	(0.04)	-0.00	(0.05)
Sweden	3.11	(0.02)	2.85	(0.13)	0.26	(0.13)	0.61	(0.02)	0.61	(0.05)	0.00	(0.05)
Switzerland	3.90	(0.04)	3.64	(0.20)	0.27	(0.22)	0.70	(0.02)	0.77	(0.07)	-0.07	(0.07)
Turkey	3.79	(0.06)	5.16	(0.28)	-1.38	(0.29)	2.06	(0.05)	2.50	(0.08)	-0.44	(0.10)
United Kingdom	3.74	(0.03)	4.09	(0.12)	-0.34	(0.12)	0.64	(0.02)	0.35	(0.06)	0.29	(0.07)
United States	3.75	(0.05)	4.10	(0.11)	-0.36	(0.12)	1.17	(0.03)	0.85	(0.09)	0.32	(0.09)
OECD average	3.77	(0.01)	3.94	(0.03)	-0.17	(0.03)	0.98	(0.01)	0.93	(0.02)	0.05	(0.02)
Partners												
Argentina	2.70	(0.06)	3.40	(0.09)	-0.70	(0.10)	0.79	(0.05)	0.76	(0.05)	0.03	(0.07)
Azerbaijan	3.78	(0.06)	4.66	(0.24)	-0.88	(0.25)	1.69	(0.05)	2.28	(0.24)	-0.59	(0.25)
Brazil	3.02	(0.04)	3.90	(0.07)	-0.87	(0.09)	1.19	(0.03)	1.32	(0.06)	-0.13	(0.07)
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
Chile	3.08	(0.10)	3.81	(0.08)	-0.73	(0.13)	1.01	(0.05)	0.98	(0.03)	0.03	(0.06)
Colombia	4.10	(0.07)	4.77	(0.21)	-0.67	(0.22)	1.26	(0.04)	1.07	(0.05)	0.19	(0.07)
Croatia	3.04	(0.04)	3.40	(0.00)	-0.36	(0.04)	0.76	(0.03)	1.17	(0.00)	-0.41	(0.03)
Estonia	4.20	(0.04)	3.79	(0.21)	0.41	(0.20)	1.00	(0.03)	0.45	(0.13)	0.55	(0.13)
Hong Kong-China	5.39	(0.18)	5.22	(0.04)	0.17	(0.19)	1.38	(0.09)	1.39	(0.04)	-0.01	(0.10)
Indonesia	4.29	(0.09)	3.78	(0.08)	0.51	(0.12)	1.46	(0.06)	1.22	(0.06)	0.24	(0.09)
Israel	4.10	(0.05)	4.16	(0.11)	-0.06	(0.13)	2.28	(0.05)	1.84	(0.10)	0.44	(0.11)
Jordan	3.38	(0.05)	3.86	(0.11)	-0.47	(0.12)	1.82	(0.04)	1.89	(0.09)	-0.07	(0.10)
Kyrgyzstan	2.87	(0.06)	3.40	(0.22)	-0.54	(0.23)	1.55	(0.04)	1.24	(0.18)	0.31	(0.20)
Latvia	4.49	(0.04)	a	a	a	a	1.20	(0.04)	a	a	a	a
Liechtenstein	3.92	(0.09)	c	c	c	c	0.59	(0.05)	c	c	c	c
Lithuania	3.49	(0.04)	c	c	c	c	0.74	(0.02)	c	c	c	c
Macao-China	5.00	(0.12)	5.42	(0.03)	-0.42	(0.12)	1.08	(0.12)	1.21	(0.03)	-0.13	(0.13)
Montenegro	3.09	(0.04)	c	c	c	c	0.93	(0.03)	c	c	c	c
Qatar	2.98	(0.04)	3.82	(0.06)	-0.84	(0.08)	1.84	(0.03)	1.87	(0.06)	-0.03	(0.07)
Romania	3.01	(0.07)	a	a	a	a	1.50	(0.03)	a	a	a	a
Russian Federation	3.63	(0.06)	a	a	a	a	1.13	(0.03)	a	a	a	a
Serbia	3.28	(0.04)	c	c	c	c	0.97	(0.03)	c	c	c	c
Slovenia	3.31	(0.03)	4.23	(0.12)	-0.92	(0.12)	1.03	(0.02)	0.80	(0.09)	0.23	(0.10)
Chinese Taipei	4.35	(0.07)	4.08	(0.17)	0.27	(0.22)	1.72	(0.05)	1.17	(0.08)	0.55	(0.10)
Thailand	3.90	(0.04)	3.14	(0.07)	0.76	(0.08)	0.97	(0.03)	0.67	(0.06)	0.30	(0.07)
Tunisia	3.42	(0.04)	2.78	(0.28)	0.63	(0.29)	2.43	(0.04)	2.35	(0.06)	0.08	(0.07)
Uruguay	3.18	(0.04)	4.04	(0.13)	-0.86	(0.14)	0.83	(0.03)	0.89	(0.04)	-0.06	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11b Mean learning hours and allocation of total learning time in mathematics
[Part 2/3] **by public and private schools**

		Mean learning hours per week											
		Individual study						Total learning hours					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	
	Austria	2.11	(0.04)	2.34	(0.09)	-0.24	(0.11)	5.87	(0.09)	5.90	(0.16)	-0.03	(0.19)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	
	Canada	1.95	(0.03)	2.35	(0.07)	-0.40	(0.08)	7.43	(0.08)	7.87	(0.14)	-0.45	(0.17)
	Czech Republic	1.32	(0.03)	1.24	(0.17)	0.08	(0.17)	6.07	(0.09)	5.97	(0.65)	0.10	(0.68)
	Denmark	1.74	(0.03)	1.75	(0.06)	-0.01	(0.08)	7.62	(0.07)	7.31	(0.17)	0.31	(0.21)
	Finland	1.19	(0.02)	1.58	(0.15)	-0.38	(0.15)	5.01	(0.06)	5.51	(0.28)	-0.50	(0.29)
	France	w	w	w	w	w	w	w	w	w	w	w	
	Germany	2.26	(0.04)	2.29	(0.18)	-0.03	(0.19)	6.99	(0.08)	6.72	(0.43)	0.27	(0.44)
	Greece	2.00	(0.04)	2.12	(0.11)	-0.12	(0.11)	7.68	(0.11)	8.23	(0.27)	-0.55	(0.29)
	Hungary	1.84	(0.04)	1.88	(0.10)	-0.04	(0.10)	6.43	(0.09)	6.47	(0.23)	-0.03	(0.25)
	Iceland	1.71	(0.02)	1.90	(0.33)	-0.19	(0.33)	7.19	(0.05)	8.17	(0.48)	-0.98	(0.47)
	Ireland	1.71	(0.05)	1.81	(0.04)	-0.09	(0.06)	6.09	(0.11)	6.18	(0.08)	-0.10	(0.13)
	Italy	2.51	(0.03)	1.97	(0.14)	0.54	(0.14)	7.18	(0.07)	5.91	(0.30)	1.27	(0.32)
	Japan	1.50	(0.07)	1.43	(0.09)	0.07	(0.11)	6.37	(0.13)	6.57	(0.25)	-0.20	(0.26)
	Korea	2.23	(0.12)	2.41	(0.09)	-0.18	(0.17)	9.02	(0.25)	9.67	(0.22)	-0.65	(0.41)
	Luxembourg	1.68	(0.02)	1.88	(0.06)	-0.19	(0.07)	6.38	(0.05)	6.69	(0.13)	-0.31	(0.14)
	Mexico	2.29	(0.03)	2.09	(0.06)	0.20	(0.07)	7.36	(0.07)	7.33	(0.13)	0.03	(0.13)
	Netherlands	1.51	(0.06)	1.45	(0.04)	0.06	(0.06)	5.11	(0.10)	4.97	(0.09)	0.14	(0.14)
	New Zealand	1.56	(0.03)	2.00	(0.08)	-0.44	(0.08)	6.61	(0.05)	7.41	(0.17)	-0.79	(0.18)
Norway	1.39	(0.03)	1.31	(0.17)	0.08	(0.17)	5.82	(0.06)	5.81	(0.26)	0.00	(0.26)	
Poland	2.09	(0.03)	2.27	(0.09)	-0.19	(0.09)	7.22	(0.06)	7.51	(0.14)	-0.29	(0.15)	
Portugal	1.95	(0.03)	2.05	(0.14)	-0.10	(0.15)	6.34	(0.07)	6.77	(0.33)	-0.43	(0.34)	
Slovak Republic	1.70	(0.04)	1.55	(0.14)	0.15	(0.15)	5.91	(0.10)	5.51	(0.55)	0.40	(0.57)	
Spain	1.91	(0.04)	2.06	(0.05)	-0.15	(0.06)	6.23	(0.07)	6.74	(0.10)	-0.50	(0.12)	
Sweden	1.16	(0.02)	1.35	(0.08)	-0.18	(0.08)	4.89	(0.05)	4.81	(0.19)	0.08	(0.19)	
Switzerland	1.70	(0.02)	1.81	(0.06)	-0.12	(0.07)	6.32	(0.06)	6.25	(0.28)	0.07	(0.30)	
Turkey	2.30	(0.05)	2.47	(0.14)	-0.17	(0.14)	8.12	(0.15)	10.03	(0.24)	-1.92	(0.30)	
United Kingdom	1.46	(0.02)	1.87	(0.07)	-0.40	(0.07)	5.85	(0.05)	6.31	(0.19)	-0.46	(0.19)	
United States	2.01	(0.03)	2.48	(0.10)	-0.47	(0.10)	6.98	(0.07)	7.43	(0.15)	-0.45	(0.16)	
OECD average	1.80	(0.01)	1.91	(0.02)	-0.11	(0.02)	6.56	(0.02)	6.79	(0.05)	-0.23	(0.06)	
Partners	Argentina	1.82	(0.05)	1.83	(0.05)	-0.01	(0.06)	5.31	(0.13)	5.98	(0.13)	-0.67	(0.17)
	Azerbaijan	2.94	(0.06)	3.33	(0.13)	-0.38	(0.14)	8.47	(0.14)	10.30	(0.07)	-1.83	(0.15)
	Brazil	1.76	(0.03)	2.06	(0.06)	-0.30	(0.07)	5.96	(0.08)	7.25	(0.13)	-1.29	(0.15)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	
	Chile	1.58	(0.06)	1.61	(0.04)	-0.03	(0.07)	5.72	(0.17)	6.43	(0.12)	-0.72	(0.22)
	Colombia	1.94	(0.04)	1.91	(0.06)	0.03	(0.08)	7.30	(0.08)	7.77	(0.27)	-0.48	(0.29)
	Croatia	1.80	(0.03)	1.90	(0.00)	-0.10	(0.03)	5.65	(0.06)	6.48	(0.01)	-0.84	(0.06)
	Estonia	1.97	(0.03)	1.38	(0.13)	0.59	(0.14)	7.18	(0.06)	5.60	(0.32)	1.58	(0.31)
	Hong Kong-China	2.23	(0.12)	2.24	(0.04)	-0.01	(0.12)	9.02	(0.34)	8.85	(0.09)	0.17	(0.35)
	Indonesia	2.09	(0.04)	1.85	(0.04)	0.24	(0.07)	7.84	(0.13)	6.83	(0.14)	1.01	(0.19)
	Israel	2.47	(0.06)	2.00	(0.11)	0.46	(0.13)	8.93	(0.13)	8.09	(0.25)	0.84	(0.30)
	Jordan	2.65	(0.04)	2.82	(0.10)	-0.17	(0.11)	7.84	(0.09)	8.49	(0.17)	-0.64	(0.20)
	Kyrgyzstan	2.21	(0.04)	2.07	(0.24)	0.14	(0.25)	6.69	(0.09)	6.82	(0.54)	-0.13	(0.55)
	Latvia	2.44	(0.04)	a	a	a	a	8.14	(0.09)	a	a	a	a
	Liechtenstein	1.46	(0.06)	c	c	c	c	5.97	(0.13)	c	c	c	c
	Lithuania	1.77	(0.03)	c	c	c	c	6.00	(0.06)	c	c	c	c
	Macao-China	1.32	(0.10)	2.10	(0.03)	-0.77	(0.11)	7.42	(0.25)	8.73	(0.06)	-1.31	(0.26)
	Montenegro	2.04	(0.03)	c	c	c	c	6.05	(0.07)	c	c	c	c
	Qatar	2.17	(0.03)	2.56	(0.07)	-0.39	(0.07)	7.01	(0.08)	8.26	(0.15)	-1.25	(0.17)
	Romania	2.16	(0.04)	a	a	a	a	6.67	(0.11)	a	a	a	a
Russian Federation	2.23	(0.05)	a	a	a	a	6.99	(0.10)	a	a	a	a	
Serbia	1.82	(0.03)	c	c	c	c	6.07	(0.07)	c	c	c	c	
Slovenia	1.92	(0.02)	2.35	(0.14)	-0.43	(0.14)	6.28	(0.05)	7.38	(0.26)	-1.11	(0.27)	
Chinese Taipei	1.99	(0.04)	1.67	(0.08)	0.31	(0.10)	8.11	(0.13)	6.98	(0.32)	1.13	(0.40)	
Thailand	1.90	(0.03)	1.35	(0.06)	0.55	(0.07)	6.77	(0.08)	5.16	(0.15)	1.61	(0.16)	
Tunisia	2.58	(0.04)	2.12	(0.41)	0.45	(0.41)	8.41	(0.10)	7.52	(0.67)	0.89	(0.68)	
Uruguay	1.54	(0.03)	1.72	(0.07)	-0.18	(0.08)	5.57	(0.07)	6.64	(0.20)	-1.08	(0.21)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.11b Mean learning hours and allocation of total learning time in mathematics by public and private schools
[Part 3/3]

	Allocation of total learning time in mathematics for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Austria	58.8	(0.5)	55.4	(1.1)	3.4	(1.3)	6.7	(0.3)	6.3	(0.7)	0.3	(0.7)	34.5	(0.4)	38.3	(1.3)	-3.7	(1.4)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Canada	63.5	(0.3)	61.0	(0.7)	2.4	(0.8)	11.5	(0.2)	10.9	(0.6)	0.6	(0.6)	25.1	(0.2)	28.1	(0.6)	-3.0	(0.7)
	Czech Republic	70.4	(0.5)	70.0	(2.7)	0.4	(2.8)	9.7	(0.2)	10.7	(1.7)	-1.0	(1.7)	19.9	(0.4)	19.3	(1.5)	0.6	(1.6)
	Denmark	61.9	(0.4)	64.3	(0.9)	-2.3	(1.0)	16.7	(0.3)	13.7	(0.6)	3.0	(0.6)	21.3	(0.2)	22.0	(0.6)	-0.7	(0.6)
	Finland	71.3	(0.3)	65.6	(2.6)	5.7	(2.6)	5.9	(0.2)	7.8	(1.2)	-1.9	(1.2)	22.8	(0.2)	26.6	(1.5)	-3.7	(1.5)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	58.7	(0.4)	56.4	(1.6)	2.3	(1.7)	9.7	(0.3)	9.5	(1.5)	0.2	(1.5)	31.5	(0.3)	34.1	(0.8)	-2.6	(0.8)
	Greece	49.0	(0.5)	55.5	(1.3)	-6.5	(1.3)	26.3	(0.5)	20.8	(1.7)	5.4	(1.8)	24.7	(0.4)	23.7	(1.1)	1.0	(1.2)
	Hungary	54.1	(0.5)	55.6	(0.9)	-1.5	(1.1)	18.0	(0.3)	16.3	(1.0)	1.7	(1.1)	27.9	(0.3)	28.1	(0.8)	-0.2	(0.8)
	Iceland	69.4	(0.3)	70.7	(3.6)	-1.3	(3.6)	8.6	(0.2)	8.5	(2.0)	0.1	(2.0)	22.0	(0.2)	20.8	(2.7)	1.2	(2.7)
	Ireland	63.2	(0.6)	63.8	(0.5)	-0.6	(0.8)	10.5	(0.5)	8.8	(0.3)	1.7	(0.5)	26.3	(0.4)	27.4	(0.4)	-1.2	(0.6)
	Italy	54.9	(0.2)	57.3	(1.0)	-2.4	(1.0)	10.8	(0.2)	9.8	(0.8)	1.0	(0.9)	34.3	(0.2)	32.9	(1.3)	1.4	(1.3)
	Japan	71.9	(0.6)	71.2	(0.9)	0.7	(1.1)	8.3	(0.4)	9.5	(0.4)	-1.2	(0.5)	19.8	(0.5)	19.2	(0.8)	0.6	(0.9)
	Korea	57.5	(1.0)	56.4	(0.9)	1.1	(1.7)	20.5	(0.6)	21.4	(0.6)	-0.9	(1.1)	22.0	(0.6)	22.2	(0.5)	-0.2	(0.9)
	Luxembourg	63.6	(0.3)	61.3	(0.9)	2.3	(1.0)	10.9	(0.3)	12.3	(0.6)	-1.4	(0.7)	25.5	(0.3)	26.4	(0.7)	-0.9	(0.7)
	Mexico	53.4	(0.4)	60.4	(1.3)	-7.1	(1.4)	15.1	(0.3)	10.8	(0.7)	4.3	(0.7)	31.5	(0.3)	28.8	(1.0)	2.7	(1.1)
	Netherlands	59.4	(0.9)	60.3	(0.6)	-0.9	(1.1)	12.7	(0.7)	11.7	(0.4)	0.9	(0.9)	27.9	(0.6)	28.0	(0.5)	-0.0	(0.9)
	New Zealand	69.8	(0.4)	66.5	(1.0)	3.3	(1.1)	8.6	(0.3)	8.0	(0.8)	0.5	(0.8)	21.7	(0.3)	25.5	(0.7)	-3.8	(0.7)
	Norway	62.1	(0.4)	67.4	(3.2)	-5.3	(3.3)	16.0	(0.3)	12.1	(1.7)	4.0	(1.7)	21.9	(0.3)	20.5	(1.7)	1.3	(1.7)
	Poland	62.4	(0.3)	64.3	(1.3)	-1.9	(1.3)	10.1	(0.3)	7.9	(1.3)	2.2	(1.4)	27.4	(0.3)	27.7	(0.7)	-0.3	(0.8)
	Portugal	58.7	(0.4)	60.5	(2.3)	-1.8	(2.3)	11.7	(0.3)	11.0	(1.3)	0.7	(1.3)	29.7	(0.4)	28.5	(1.3)	1.1	(1.4)
	Slovak Republic	60.4	(0.5)	63.8	(2.0)	-3.4	(2.0)	12.7	(0.3)	10.7	(1.2)	2.1	(1.3)	26.9	(0.4)	25.6	(1.5)	1.3	(1.6)
	Spain	57.4	(0.4)	58.1	(0.4)	-0.6	(0.6)	13.4	(0.3)	12.5	(0.4)	0.9	(0.5)	29.2	(0.4)	29.5	(0.4)	-0.3	(0.6)
	Sweden	68.5	(0.5)	63.5	(1.7)	5.0	(1.7)	9.9	(0.2)	10.5	(0.6)	-0.6	(0.6)	21.6	(0.4)	26.0	(1.4)	-4.4	(1.4)
	Switzerland	63.8	(0.4)	60.4	(1.4)	3.4	(1.5)	9.6	(0.3)	10.3	(0.8)	-0.8	(0.8)	26.6	(0.2)	29.2	(1.4)	-2.6	(1.4)
	Turkey	50.7	(0.4)	53.8	(1.6)	-3.1	(1.6)	22.7	(0.4)	22.8	(0.6)	-0.1	(0.7)	26.6	(0.3)	23.4	(2.1)	3.2	(2.2)
	United Kingdom	67.1	(0.4)	67.2	(0.9)	-0.1	(1.0)	9.1	(0.3)	4.2	(0.8)	4.9	(0.8)	23.8	(0.3)	28.6	(0.5)	-4.8	(0.6)
	United States	55.3	(0.5)	57.4	(0.7)	-2.1	(0.8)	15.8	(0.4)	10.0	(1.0)	5.8	(1.0)	28.9	(0.3)	32.6	(0.9)	-3.7	(1.0)
	OECD average	61.4	(0.1)	61.8	(0.3)	-0.4	(0.3)	12.5	(0.1)	11.3	(0.2)	1.2	(0.2)	26.0	(0.1)	26.9	(0.2)	-0.8	(0.2)
Partners	Argentina	53.0	(0.7)	58.3	(0.8)	-5.4	(1.0)	12.9	(0.6)	11.5	(0.6)	1.3	(0.9)	34.2	(0.5)	30.1	(0.6)	4.0	(0.8)
	Azerbaijan	47.1	(0.5)	48.6	(2.8)	-1.5	(2.9)	18.6	(0.4)	21.1	(1.8)	-2.5	(1.9)	34.3	(0.5)	30.3	(1.3)	4.0	(1.4)
	Brazil	53.9	(0.5)	57.6	(1.0)	-3.7	(1.1)	17.6	(0.5)	15.7	(0.6)	1.9	(0.8)	28.5	(0.4)	26.7	(0.6)	1.8	(0.7)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	53.8	(0.8)	59.3	(0.5)	-5.5	(0.9)	16.9	(0.5)	13.8	(0.4)	3.2	(0.6)	29.3	(0.6)	26.9	(0.4)	2.3	(0.7)
	Colombia	60.1	(0.7)	63.8	(1.2)	-3.7	(1.4)	14.6	(0.4)	12.5	(0.6)	2.1	(0.8)	25.3	(0.4)	23.7	(0.8)	1.6	(0.9)
	Croatia	58.3	(0.5)	60.6	(0.1)	-2.3	(0.5)	11.4	(0.3)	14.7	(0.0)	-3.3	(0.3)	30.3	(0.4)	24.7	(0.0)	5.6	(0.4)
	Estonia	62.0	(0.4)	69.5	(1.3)	-7.4	(1.4)	12.5	(0.3)	6.5	(2.1)	5.9	(2.1)	25.5	(0.3)	24.0	(1.7)	1.5	(1.7)
	Hong Kong-China	63.3	(0.5)	62.5	(0.5)	0.8	(0.7)	13.6	(0.4)	14.1	(0.3)	-0.5	(0.6)	23.1	(0.9)	23.4	(0.3)	-0.3	(0.9)
	Indonesia	57.1	(0.9)	57.2	(0.9)	-0.1	(1.2)	16.6	(0.6)	16.0	(0.7)	0.6	(0.8)	26.3	(0.4)	26.8	(0.5)	-0.6	(0.7)
	Israel	49.2	(0.7)	56.8	(1.3)	-7.6	(1.6)	24.2	(0.4)	20.4	(0.7)	3.8	(0.8)	26.7	(0.5)	22.9	(0.9)	3.8	(1.0)
	Jordan	42.7	(0.5)	44.8	(1.6)	-2.1	(1.7)	22.6	(0.5)	22.0	(1.2)	0.6	(1.3)	34.7	(0.5)	33.3	(0.7)	1.5	(0.8)
	Kyrgyzstan	41.8	(0.6)	55.6	(1.7)	-13.9	(1.7)	24.1	(0.5)	16.6	(2.4)	7.6	(2.5)	34.1	(0.4)	27.8	(2.5)	6.3	(2.5)
	Latvia	58.2	(0.3)	a	a	a	a	13.3	(0.4)	a	a	a	a	28.4	(0.3)	a	a	a	a
	Liechtenstein	66.5	(1.2)	c	c	c	c	8.6	(0.6)	c	c	c	c	24.9	(1.0)	c	c	c	c
	Lithuania	60.7	(0.4)	c	c	c	c	11.5	(0.3)	c	c	c	c	27.7	(0.3)	c	c	c	c
	Macao-China	71.9	(1.5)	66.0	(0.4)	5.9	(1.5)	11.7	(1.1)	11.9	(0.2)	-0.2	(1.1)	16.4	(0.9)	22.1	(0.3)	-5.7	(0.9)
	Montenegro	52.4	(0.4)	c	c	c	c	13.5	(0.3)	c	c	c	c	34.1	(0.4)	c	c	c	c
	Qatar	42.5	(0.3)	47.6	(0.8)	-5.1	(0.9)	25.6	(0.3)	21.9	(0.8)	3.7	(0.9)	31.9	(0.3)	30.6	(0.6)	1.3	(0.6)
	Romania	49.5	(0.6)	a	a	a	a	19.7	(0.4)	a	a	a	a	30.7	(0.4)	a	a	a	a
	Russian Federation	53.9	(0.5)	a	a	a	a	15.7	(0.6)	a	a	a	a	30.4	(0.4)	a	a	a	a
	Serbia	59.2	(0.5)	c	c	c	c	13.0	(0.3)	c	c	c	c	27.8	(0.4)	c	c	c	c
	Slovenia	55.4	(0.3)	62.5	(1.3)	-7.0	(1.3)	14.5	(0.2)	9.3	(1.0)	5.1	(1.0)	30.1	(0.3)	28.2	(1.1)	1.9	(1.1)
	Chinese Taipei	57.9	(0.4)	63.3	(0.9)	-5.4	(1.1)	18.3	(0.3)	14.1	(0.6)	4.2	(0.8)	23.8	(0.3)	22.6	(0.5)	1.2	(0.6)
	Thailand	63.0	(0.5)	65.4	(0.6)	-2.3	(0.7)	11.1	(0.3)	8.3	(0.7)	2.8	(0.8)	25.9	(0.3)	26.4	(0.7)	-0.5	(0.8)
	Tunisia	41.7	(0.4)	43.9	(1.3)	-2.2	(1.4)	27.1	(0.3)	28.2	(5.4)	-1.1	(5.4)	31.2	(0.3)	27.9	(5.0)	3.3	(5.0)
	Uruguay	60.2	(0.5)	63.6	(0.7)	-3.3	(0.8)	12.6	(0.4)	11.5	(0.6)	1.1	(0.6)	27.2	(0.3)	25.0	(0.7)	2.2	(0.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11c Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	
	Austria	2.84	(0.03)	3.18	(0.18)	-0.34	(0.18)	0.24	(0.02)	0.22	(0.07)	0.01	(0.07)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	
	Canada	4.44	(0.04)	4.30	(0.09)	0.14	(0.10)	0.89	(0.02)	0.65	(0.03)	0.25	(0.03)
	Czech Republic	3.73	(0.04)	3.64	(0.14)	0.10	(0.16)	0.61	(0.02)	0.65	(0.07)	-0.04	(0.07)
	Denmark	5.62	(0.03)	5.20	(0.14)	0.42	(0.14)	1.78	(0.04)	1.43	(0.08)	0.35	(0.08)
	Finland	3.14	(0.05)	2.85	(0.26)	0.29	(0.26)	0.36	(0.01)	0.57	(0.15)	-0.21	(0.15)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	3.68	(0.03)	3.49	(0.11)	0.19	(0.11)	0.61	(0.02)	0.46	(0.10)	0.15	(0.10)
	Greece	3.15	(0.04)	3.57	(0.09)	-0.42	(0.10)	1.65	(0.04)	1.17	(0.04)	0.48	(0.05)
	Hungary	3.17	(0.05)	3.32	(0.14)	-0.15	(0.16)	1.33	(0.03)	1.24	(0.08)	0.09	(0.08)
	Iceland	4.52	(0.03)	5.16	(0.29)	-0.64	(0.29)	0.47	(0.02)	0.61	(0.18)	-0.15	(0.18)
	Ireland	3.50	(0.05)	3.58	(0.04)	-0.08	(0.06)	0.76	(0.04)	0.56	(0.03)	0.20	(0.05)
	Italy	4.64	(0.03)	4.27	(0.17)	0.37	(0.18)	0.79	(0.02)	0.78	(0.10)	0.01	(0.09)
	Japan	3.72	(0.05)	4.04	(0.07)	-0.32	(0.09)	0.42	(0.03)	0.45	(0.03)	-0.03	(0.04)
	Korea	4.37	(0.07)	4.59	(0.07)	-0.22	(0.11)	1.39	(0.07)	1.51	(0.06)	-0.11	(0.10)
	Luxembourg	3.51	(0.03)	3.49	(0.06)	0.02	(0.06)	0.58	(0.02)	0.67	(0.05)	-0.09	(0.06)
	Mexico	3.67	(0.04)	4.04	(0.13)	-0.37	(0.14)	1.17	(0.03)	0.77	(0.05)	0.40	(0.06)
	Netherlands	2.93	(0.04)	2.91	(0.04)	0.02	(0.06)	0.68	(0.05)	0.62	(0.03)	0.05	(0.06)
	New Zealand	4.38	(0.03)	4.66	(0.13)	-0.28	(0.14)	0.65	(0.03)	0.66	(0.06)	-0.01	(0.07)
Norway	3.58	(0.04)	3.98	(0.10)	-0.39	(0.12)	1.16	(0.02)	1.03	(0.10)	0.14	(0.10)	
Poland	4.63	(0.03)	4.86	(0.12)	-0.23	(0.13)	0.71	(0.03)	0.57	(0.08)	0.14	(0.08)	
Portugal	3.25	(0.03)	3.41	(0.08)	-0.16	(0.08)	0.57	(0.02)	0.55	(0.08)	0.01	(0.08)	
Slovak Republic	3.13	(0.06)	3.01	(0.29)	0.13	(0.30)	0.90	(0.03)	0.69	(0.07)	0.21	(0.08)	
Spain	3.54	(0.03)	3.72	(0.05)	-0.17	(0.05)	0.64	(0.03)	0.48	(0.03)	0.16	(0.04)	
Sweden	3.14	(0.03)	2.90	(0.17)	0.24	(0.17)	0.68	(0.02)	0.68	(0.10)	0.00	(0.11)	
Switzerland	3.67	(0.04)	3.54	(0.16)	0.14	(0.17)	0.49	(0.02)	0.50	(0.06)	-0.01	(0.07)	
Turkey	3.96	(0.06)	4.97	(0.17)	-1.01	(0.18)	1.81	(0.05)	2.04	(0.19)	-0.23	(0.20)	
United Kingdom	3.86	(0.04)	4.01	(0.20)	-0.15	(0.20)	0.60	(0.02)	0.30	(0.04)	0.30	(0.05)	
United States	3.60	(0.04)	4.09	(0.15)	-0.48	(0.16)	1.13	(0.03)	0.89	(0.09)	0.24	(0.09)	
OECD average	3.74	(0.01)	3.87	(0.03)	-0.12	(0.03)	0.84	(0.01)	0.76	(0.02)	0.09	(0.02)	
Partners	Argentina	2.25	(0.05)	2.65	(0.09)	-0.40	(0.11)	0.50	(0.03)	0.30	(0.04)	0.19	(0.04)
	Azerbaijan	3.69	(0.05)	3.47	(0.24)	0.22	(0.25)	1.79	(0.05)	2.27	(0.23)	-0.47	(0.23)
	Brazil	3.03	(0.05)	3.56	(0.07)	-0.53	(0.09)	1.21	(0.03)	1.02	(0.07)	0.18	(0.07)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	3.09	(0.08)	3.71	(0.08)	-0.62	(0.12)	1.06	(0.04)	0.94	(0.05)	0.12	(0.07)
	Colombia	3.90	(0.06)	4.09	(0.14)	-0.19	(0.16)	1.21	(0.03)	0.89	(0.07)	0.32	(0.08)
	Croatia	3.33	(0.03)	3.53	(0.00)	-0.21	(0.03)	0.39	(0.02)	0.57	(0.00)	-0.19	(0.02)
	Estonia	3.49	(0.04)	3.28	(0.19)	0.21	(0.19)	0.89	(0.03)	0.65	(0.13)	0.24	(0.14)
	Hong Kong-China	5.39	(0.15)	5.17	(0.05)	0.21	(0.16)	0.57	(0.07)	0.83	(0.03)	-0.26	(0.08)
	Indonesia	3.90	(0.07)	3.25	(0.08)	0.65	(0.11)	1.32	(0.05)	1.16	(0.06)	0.16	(0.06)
	Israel	3.07	(0.06)	2.94	(0.09)	0.13	(0.12)	1.45	(0.04)	1.04	(0.05)	0.41	(0.07)
	Jordan	3.52	(0.05)	3.70	(0.13)	-0.18	(0.14)	1.80	(0.04)	1.69	(0.10)	0.11	(0.11)
	Kyrgyzstan	2.74	(0.06)	2.89	(0.13)	-0.14	(0.15)	1.71	(0.03)	1.37	(0.26)	0.33	(0.27)
	Latvia	3.69	(0.04)	a	a	a	a	0.88	(0.03)	a	a	a	a
	Liechtenstein	3.65	(0.09)	c	c	c	c	0.33	(0.04)	c	c	c	c
	Lithuania	3.65	(0.04)	c	c	c	c	0.66	(0.02)	c	c	c	c
	Macao-China	4.93	(0.12)	5.33	(0.03)	-0.40	(0.12)	0.98	(0.11)	1.06	(0.03)	-0.08	(0.12)
	Montenegro	2.97	(0.04)	c	c	c	c	0.75	(0.02)	c	c	c	c
	Qatar	2.75	(0.03)	3.72	(0.07)	-0.96	(0.08)	1.60	(0.03)	1.54	(0.06)	0.06	(0.07)
	Romania	3.30	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
Russian Federation	2.04	(0.04)	a	a	a	a	0.82	(0.03)	a	a	a	a	
Serbia	3.18	(0.04)	c	c	c	c	0.93	(0.03)	c	c	c	c	
Slovenia	3.24	(0.03)	4.03	(0.11)	-0.79	(0.11)	0.74	(0.02)	0.46	(0.07)	0.27	(0.07)	
Chinese Taipei	4.44	(0.06)	4.23	(0.15)	0.21	(0.18)	0.69	(0.02)	0.70	(0.03)	-0.01	(0.04)	
Thailand	3.24	(0.03)	2.39	(0.06)	0.85	(0.06)	0.59	(0.03)	0.43	(0.02)	0.16	(0.04)	
Tunisia	3.18	(0.05)	1.81	(0.56)	1.37	(0.56)	1.78	(0.04)	1.73	(0.27)	0.05	(0.27)	
Uruguay	2.72	(0.04)	2.83	(0.06)	-0.11	(0.07)	0.69	(0.03)	0.43	(0.04)	0.26	(0.05)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.11c Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools
[part 2/3]

	Mean learning hours per week											
	Individual study						Total learning hours					
	Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD												
Australia	w	w	w	w	w	w	w	w	w	w	w	w
Austria	1.51	(0.04)	1.90	(0.09)	-0.39	(0.10)	4.59	(0.07)	5.34	(0.28)	-0.75	(0.29)
Belgium	w	w	w	w	w	w	w	w	w	w	w	w
Canada	1.77	(0.03)	1.61	(0.05)	0.15	(0.06)	7.13	(0.07)	6.55	(0.11)	0.57	(0.13)
Czech Republic	1.16	(0.02)	1.17	(0.14)	-0.01	(0.14)	5.50	(0.05)	5.47	(0.31)	0.03	(0.33)
Denmark	2.18	(0.03)	2.13	(0.08)	0.05	(0.09)	9.57	(0.07)	8.75	(0.25)	0.82	(0.27)
Finland	1.13	(0.02)	1.25	(0.16)	-0.12	(0.16)	4.63	(0.07)	4.70	(0.36)	-0.07	(0.36)
France	w	w	w	w	w	w	w	w	w	w	w	w
Germany	1.88	(0.03)	1.91	(0.12)	-0.03	(0.13)	6.18	(0.06)	5.86	(0.18)	0.32	(0.20)
Greece	1.95	(0.03)	1.68	(0.09)	0.28	(0.10)	6.76	(0.08)	6.46	(0.13)	0.30	(0.16)
Hungary	1.86	(0.03)	1.88	(0.12)	-0.01	(0.12)	6.38	(0.09)	6.43	(0.27)	-0.06	(0.29)
Iceland	1.55	(0.02)	1.28	(0.18)	0.27	(0.18)	6.55	(0.04)	7.05	(0.38)	-0.51	(0.38)
Ireland	1.70	(0.06)	1.79	(0.04)	-0.09	(0.07)	5.96	(0.11)	5.94	(0.08)	0.02	(0.14)
Italy	2.97	(0.04)	2.53	(0.16)	0.45	(0.17)	8.41	(0.07)	7.62	(0.27)	0.79	(0.28)
Japan	0.97	(0.04)	0.88	(0.05)	0.09	(0.06)	5.11	(0.09)	5.37	(0.12)	-0.27	(0.14)
Korea	1.37	(0.05)	1.44	(0.05)	-0.07	(0.08)	7.15	(0.16)	7.55	(0.14)	-0.40	(0.25)
Luxembourg	1.36	(0.02)	1.51	(0.05)	-0.15	(0.06)	5.46	(0.05)	5.62	(0.11)	-0.16	(0.12)
Mexico	2.09	(0.03)	1.86	(0.07)	0.23	(0.07)	6.91	(0.08)	6.67	(0.14)	0.24	(0.15)
Netherlands	1.34	(0.04)	1.32	(0.03)	0.01	(0.05)	4.94	(0.09)	4.86	(0.06)	0.08	(0.13)
New Zealand	1.55	(0.03)	1.99	(0.09)	-0.45	(0.09)	6.58	(0.06)	7.31	(0.24)	-0.73	(0.24)
Norway	1.44	(0.03)	1.46	(0.12)	-0.02	(0.13)	6.18	(0.06)	6.41	(0.16)	-0.22	(0.17)
Poland	2.22	(0.03)	2.28	(0.08)	-0.06	(0.09)	7.56	(0.05)	7.70	(0.15)	-0.15	(0.16)
Portugal	1.80	(0.03)	1.68	(0.08)	0.12	(0.09)	5.63	(0.05)	5.64	(0.17)	-0.01	(0.18)
Slovak Republic	1.77	(0.03)	1.42	(0.07)	0.34	(0.08)	5.80	(0.09)	5.15	(0.37)	0.65	(0.38)
Spain	1.84	(0.04)	1.97	(0.05)	-0.13	(0.05)	6.06	(0.06)	6.18	(0.08)	-0.12	(0.09)
Sweden	1.24	(0.02)	1.45	(0.14)	-0.20	(0.15)	5.06	(0.05)	5.02	(0.32)	0.03	(0.33)
Switzerland	1.40	(0.02)	1.45	(0.08)	-0.05	(0.09)	5.57	(0.06)	5.49	(0.15)	0.08	(0.17)
Turkey	2.17	(0.05)	2.29	(0.40)	-0.12	(0.40)	7.93	(0.12)	9.25	(0.57)	-1.32	(0.57)
United Kingdom	1.55	(0.03)	2.05	(0.15)	-0.50	(0.16)	6.02	(0.06)	6.37	(0.35)	-0.36	(0.35)
United States	1.82	(0.03)	2.34	(0.17)	-0.52	(0.17)	6.59	(0.07)	7.29	(0.27)	-0.70	(0.29)
OECD average	1.68	(0.01)	1.71	(0.02)	-0.03	(0.02)	6.27	(0.01)	6.33	(0.05)	-0.07	(0.05)
Partners												
Argentina	1.63	(0.05)	1.64	(0.05)	-0.00	(0.06)	4.39	(0.09)	4.55	(0.13)	-0.15	(0.15)
Azerbaijan	3.10	(0.05)	3.09	(0.16)	0.01	(0.17)	8.65	(0.11)	8.85	(0.38)	-0.19	(0.40)
Brazil	1.75	(0.03)	1.73	(0.05)	0.02	(0.06)	5.96	(0.07)	6.29	(0.13)	-0.33	(0.15)
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
Chile	1.58	(0.04)	1.55	(0.05)	0.03	(0.06)	5.75	(0.12)	6.23	(0.13)	-0.48	(0.20)
Colombia	1.87	(0.04)	1.71	(0.10)	0.16	(0.10)	6.99	(0.09)	6.67	(0.26)	0.32	(0.28)
Croatia	1.58	(0.03)	1.82	(0.01)	-0.25	(0.03)	5.31	(0.06)	5.92	(0.02)	-0.60	(0.06)
Estonia	1.62	(0.03)	1.52	(0.06)	0.10	(0.06)	6.00	(0.06)	5.42	(0.35)	0.59	(0.36)
Hong Kong-China	1.61	(0.12)	1.64	(0.04)	-0.04	(0.13)	7.56	(0.24)	7.65	(0.09)	-0.08	(0.25)
Indonesia	1.88	(0.06)	1.68	(0.04)	0.21	(0.07)	7.09	(0.15)	6.06	(0.14)	1.03	(0.20)
Israel	1.77	(0.05)	1.37	(0.06)	0.40	(0.08)	6.31	(0.11)	5.37	(0.15)	0.94	(0.19)
Jordan	2.62	(0.05)	2.49	(0.10)	0.12	(0.11)	7.95	(0.10)	7.82	(0.19)	0.12	(0.21)
Kyrgyzstan	2.34	(0.04)	2.18	(0.09)	0.16	(0.09)	6.86	(0.10)	6.50	(0.46)	0.36	(0.48)
Latvia	2.01	(0.03)	a	a	a	a	6.58	(0.07)	a	a	a	a
Liechtenstein	1.22	(0.06)	c	c	c	c	5.18	(0.11)	c	c	c	c
Lithuania	1.82	(0.03)	c	c	c	c	6.12	(0.06)	c	c	c	c
Macao-China	1.17	(0.09)	1.50	(0.03)	-0.34	(0.09)	7.09	(0.23)	7.89	(0.06)	-0.81	(0.23)
Montenegro	2.01	(0.03)	c	c	c	c	5.73	(0.07)	c	c	c	c
Qatar	2.03	(0.03)	2.15	(0.07)	-0.12	(0.08)	6.38	(0.07)	7.37	(0.13)	-0.99	(0.15)
Romania	2.19	(0.04)	a	a	a	a	7.02	(0.10)	a	a	a	a
Russian Federation	1.55	(0.04)	a	a	a	a	4.40	(0.07)	a	a	a	a
Serbia	1.70	(0.03)	c	c	c	c	5.80	(0.07)	c	c	c	c
Slovenia	1.47	(0.02)	1.61	(0.10)	-0.14	(0.10)	5.46	(0.05)	6.11	(0.19)	-0.64	(0.19)
Chinese Taipei	1.84	(0.03)	1.62	(0.06)	0.22	(0.07)	7.01	(0.09)	6.60	(0.21)	0.42	(0.24)
Thailand	1.79	(0.04)	1.26	(0.04)	0.53	(0.05)	5.62	(0.06)	4.08	(0.09)	1.54	(0.12)
Tunisia	2.12	(0.04)	1.95	(0.32)	0.16	(0.33)	7.09	(0.10)	5.66	(1.13)	1.42	(1.13)
Uruguay	1.35	(0.03)	1.36	(0.05)	-0.00	(0.06)	4.78	(0.07)	4.61	(0.12)	0.17	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11c Mean learning hours and allocation of total learning time on the language of instruction, by public and private schools

	Allocation of total learning time on the language of instruction for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		
	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	%	S.E	%	S.E	Dif.	S.E.	
OECD																			
Australia	w		w				w		w		w		w		w		w		w
Austria	65.8	(0.5)	62.7	(1.2)	3.1	(1.4)	3.4	(0.3)	3.0	(0.8)	0.4	(0.9)	30.8	(0.4)	34.3	(1.3)	-3.5	(1.4)	
Belgium	w		w		w		w		w		w		w		w		w		w
Canada	65.1	(0.3)	68.8	(0.8)	-3.6	(0.9)	11.1	(0.2)	7.9	(0.3)	3.2	(0.4)	23.8	(0.3)	23.3	(0.8)	0.5	(0.8)	
Czech Republic	71.7	(0.5)	70.4	(2.4)	1.3	(2.5)	9.0	(0.2)	9.4	(0.8)	-0.5	(0.9)	19.3	(0.4)	20.1	(1.9)	-0.8	(2.0)	
Denmark	62.0	(0.4)	63.2	(0.8)	-1.2	(0.9)	16.6	(0.3)	14.1	(0.6)	2.4	(0.6)	21.4	(0.2)	22.7	(0.4)	-1.3	(0.5)	
Finland	70.8	(0.4)	65.9	(2.9)	4.9	(2.9)	6.1	(0.2)	9.7	(1.6)	-3.6	(1.6)	23.1	(0.3)	24.5	(1.8)	-1.4	(1.8)	
France	w		w		w		w		w		w		w		w		w		w
Germany	62.4	(0.4)	63.3	(2.3)	-0.9	(2.3)	7.9	(0.3)	6.1	(1.2)	1.8	(1.3)	29.7	(0.3)	30.6	(1.5)	-0.9	(1.6)	
Greece	50.4	(0.5)	60.8	(1.6)	-10.4	(1.6)	21.9	(0.4)	15.4	(0.8)	6.5	(0.9)	27.7	(0.3)	23.8	(1.5)	3.9	(1.5)	
Hungary	53.0	(0.5)	54.2	(1.2)	-1.2	(1.4)	18.4	(0.4)	17.3	(1.1)	1.2	(1.2)	28.5	(0.3)	28.5	(0.8)	0.0	(0.8)	
Iceland	71.8	(0.3)	75.5	(3.1)	-3.8	(3.1)	6.0	(0.2)	8.1	(2.3)	-2.0	(2.3)	22.2	(0.2)	16.4	(1.8)	5.8	(1.8)	
Ireland	63.5	(0.8)	64.7	(0.5)	-1.2	(1.0)	9.6	(0.4)	7.2	(0.3)	2.4	(0.5)	26.8	(0.6)	28.1	(0.4)	-1.3	(0.7)	
Italy	57.1	(0.3)	57.7	(1.0)	-0.5	(1.1)	8.3	(0.2)	8.9	(1.1)	-0.7	(1.1)	34.6	(0.2)	33.4	(1.1)	1.2	(1.1)	
Japan	77.7	(0.6)	79.1	(0.7)	-1.4	(0.8)	6.3	(0.3)	6.4	(0.3)	-0.1	(0.5)	16.0	(0.5)	14.5	(0.6)	1.5	(0.7)	
Korea	66.7	(0.9)	66.0	(0.7)	0.6	(1.3)	16.1	(0.7)	16.9	(0.6)	-0.8	(1.0)	17.3	(0.4)	17.1	(0.3)	0.2	(0.6)	
Luxembourg	67.7	(0.4)	64.8	(0.8)	2.9	(0.9)	8.6	(0.3)	10.0	(0.7)	-1.4	(0.7)	23.7	(0.3)	25.2	(0.6)	-1.5	(0.6)	
Mexico	53.9	(0.4)	61.6	(1.4)	-7.7	(1.4)	15.4	(0.3)	10.1	(0.8)	5.4	(0.9)	30.7	(0.3)	28.4	(1.0)	2.4	(1.0)	
Netherlands	62.7	(0.9)	63.2	(0.5)	-0.5	(1.1)	11.3	(0.7)	10.6	(0.4)	0.7	(0.9)	26.1	(0.5)	26.2	(0.4)	-0.1	(0.7)	
New Zealand	70.3	(0.4)	67.4	(0.9)	3.0	(1.0)	8.0	(0.3)	6.9	(0.4)	1.2	(0.5)	21.6	(0.3)	25.7	(0.7)	-4.1	(0.7)	
Norway	62.0	(0.5)	65.3	(1.4)	-3.3	(1.5)	16.6	(0.3)	12.6	(0.9)	4.0	(0.9)	21.4	(0.3)	22.0	(1.1)	-0.6	(1.1)	
Poland	63.5	(0.3)	65.2	(1.5)	-1.7	(1.5)	8.5	(0.3)	6.3	(1.2)	2.2	(1.2)	27.9	(0.3)	28.5	(0.8)	-0.6	(0.9)	
Portugal	60.7	(0.4)	64.0	(1.8)	-3.3	(1.9)	8.7	(0.3)	8.4	(1.0)	0.3	(1.1)	30.6	(0.4)	27.6	(0.9)	3.0	(1.0)	
Slovak Republic	58.7	(0.5)	62.3	(1.9)	-3.6	(1.9)	12.9	(0.4)	10.9	(0.8)	2.0	(0.9)	28.4	(0.5)	26.8	(1.9)	1.7	(2.0)	
Spain	62.2	(0.5)	63.4	(0.4)	-1.2	(0.6)	9.0	(0.4)	6.6	(0.4)	2.4	(0.5)	28.8	(0.4)	30.0	(0.4)	-1.2	(0.5)	
Sweden	67.3	(0.5)	61.4	(2.5)	5.9	(2.6)	10.3	(0.3)	10.3	(0.9)	-0.0	(1.0)	22.5	(0.4)	28.3	(2.1)	-5.9	(2.1)	
Switzerland	67.7	(0.4)	66.0	(2.0)	1.7	(2.1)	7.0	(0.3)	7.6	(0.9)	-0.6	(1.0)	25.3	(0.2)	26.4	(1.7)	-1.1	(1.8)	
Turkey	54.6	(0.6)	57.4	(2.4)	-2.8	(2.6)	19.8	(0.4)	20.0	(0.4)	-0.2	(0.6)	25.6	(0.3)	22.5	(2.8)	3.1	(2.9)	
United Kingdom	67.8	(0.4)	65.7	(1.2)	2.1	(1.3)	8.0	(0.2)	3.7	(0.5)	4.2	(0.6)	24.2	(0.3)	30.6	(1.0)	-6.4	(1.1)	
United States	55.6	(0.6)	59.1	(1.9)	-3.5	(2.0)	16.4	(0.5)	10.5	(1.2)	5.9	(1.3)	28.0	(0.3)	30.4	(1.6)	-2.4	(1.6)	
OECD average	63.5	(0.1)	64.5	(0.3)	-1.0	(0.3)	11.1	(0.1)	9.7	(0.2)	1.4	(0.2)	25.4	(0.1)	25.8	(0.2)	-0.4	(0.3)	
Partners																			
Argentina	52.7	(0.7)	59.6	(0.9)	-6.9	(1.1)	9.6	(0.5)	5.3	(0.7)	4.2	(0.7)	37.8	(0.6)	35.1	(0.7)	2.7	(0.9)	
Azerbaijan	44.9	(0.6)	44.7	(1.9)	0.2	(2.0)	19.3	(0.5)	22.2	(2.1)	-2.9	(2.1)	35.9	(0.5)	33.2	(1.2)	2.7	(1.3)	
Brazil	53.5	(0.5)	60.1	(1.0)	-6.7	(1.1)	18.4	(0.4)	13.9	(0.8)	4.4	(0.9)	28.2	(0.4)	25.9	(0.6)	2.2	(0.7)	
Bulgaria	c		c		c		c		c		c		c		c		c		c
Chile	53.6	(0.8)	60.3	(0.8)	-6.7	(1.1)	16.9	(0.6)	13.8	(0.6)	3.1	(0.9)	29.5	(0.6)	25.9	(0.4)	3.6	(0.7)	
Colombia	59.5	(0.7)	64.2	(1.5)	-4.7	(1.6)	15.2	(0.4)	11.2	(0.8)	3.9	(1.0)	25.3	(0.5)	24.5	(0.9)	0.8	(1.0)	
Croatia	66.8	(0.4)	64.9	(0.1)	1.9	(0.5)	5.8	(0.2)	9.1	(0.0)	-3.3	(0.2)	27.4	(0.4)	26.0	(0.1)	1.4	(0.4)	
Estonia	61.7	(0.5)	63.7	(1.9)	-2.0	(1.9)	13.1	(0.4)	9.5	(1.7)	3.6	(1.7)	25.1	(0.3)	26.7	(0.7)	-1.6	(0.7)	
Hong Kong-China	74.7	(0.6)	70.6	(0.5)	4.0	(0.7)	6.0	(0.8)	9.3	(0.3)	-3.3	(0.8)	19.3	(1.2)	20.0	(0.3)	-0.7	(1.3)	
Indonesia	57.0	(0.8)	55.1	(0.7)	2.0	(0.8)	16.7	(0.5)	16.6	(0.9)	0.1	(0.8)	26.2	(0.5)	28.3	(0.6)	-2.1	(0.8)	
Israel	51.7	(0.8)	59.9	(1.2)	-8.2	(1.7)	21.1	(0.6)	16.5	(0.7)	4.6	(1.0)	27.1	(0.5)	23.6	(1.0)	3.5	(1.2)	
Jordan	43.5	(0.6)	46.5	(1.6)	-3.0	(1.7)	22.5	(0.5)	21.2	(1.1)	1.3	(1.2)	34.0	(0.4)	32.3	(1.0)	1.7	(1.1)	
Kyrgyzstan	39.7	(0.5)	47.6	(1.7)	-7.9	(1.7)	26.3	(0.5)	17.3	(3.4)	9.0	(3.5)	34.0	(0.4)	35.1	(3.1)	-1.1	(3.1)	
Latvia	59.2	(0.4)	a		a		a		11.4	(0.4)	a		a		29.3	(0.3)	a		a
Liechtenstein	69.7	(1.3)	c		c		c		5.8	(0.7)	c		c		24.5	(1.0)	c		c
Lithuania	62.2	(0.4)	c		c		c		9.9	(0.3)	c		c		27.8	(0.3)	c		c
Macao-China	72.9	(1.5)	71.3	(0.3)	1.6	(1.5)	11.7	(1.1)	11.1	(0.2)	0.6	(1.1)	15.4	(0.9)	17.5	(0.3)	-2.2	(0.9)	
Montenegro	53.0	(0.4)	c		c		c		11.5	(0.3)	c		c		35.6	(0.4)	c		c
Qatar	43.5	(0.4)	51.7	(0.8)	-8.1	(1.0)	24.1	(0.3)	20.1	(0.8)	4.1	(0.9)	32.3	(0.4)	28.3	(0.7)	4.1	(0.9)	
Romania	50.6	(0.6)	a		a		a		19.7	(0.4)	a		a		29.6	(0.3)	a		a
Russian Federation	48.2	(0.6)	a		a		a		16.4	(0.6)	a		a		35.4	(0.5)	a		a
Serbia	60.1	(0.5)	c		c		c		12.9	(0.4)	c		c		27.0	(0.3)	c		c
Slovenia	60.7	(0.4)	68.6	(1.3)	-7.9	(1.4)	12.2	(0.3)	6.6	(1.0)	5.6	(1.0)	27.1	(0.3)	24.8	(1.1)	2.3	(1.1)	
Chinese Taipei	65.7	(0.4)	66.8	(0.8)	-1.1	(0.9)	8.6	(0.3)	9.4	(0.5)	-0.8	(0.6)	25.6	(0.3)	23.8	(0.4)	1.9	(0.5)	
Thailand	63.0	(0.4)	60.3	(0.7)	2.7	(0.8)	7.5	(0.3)	6.6	(0.4)	0.9	(0.5)	29.5	(0.3)	33.1	(0.7)	-3.6	(0.8)	
Tunisia	46.0	(0.7)	33.0	(5.6)	12.9	(5.6)	23.5	(0.5)	27.7	(3.2)	-4.2	(3.2)	30.5	(0.4)	39.2	(4.0)	-8.7	(4.0)	
Uruguay	60.0	(0.5)	64.7	(0.8)	-4.7	(0.9)	12.2	(0.4)	7.0	(0.5)	5.1	(0.7)	27.8	(0.4)	28.3	(0.6)	-0.5	(0.7)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.11d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools

	Mean learning hours per week															
	Regular school lessons								Out-of-school-time lessons							
	Public schools		Private schools		Difference (public-private)		Difference after accounting for ESCS and school average ESCS (public-private)		Public schools		Private schools		Difference (public-private)		Difference after accounting for ESCS and school average ESCS (public-private)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
Australia	8.52	(0.10)	8.92	(0.27)	-0.40	(0.30)	-0.23	(0.41)	0.95	(0.04)	0.88	(0.11)	0.07	(0.12)	0.01	(0.13)
Austria	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
Belgium	12.97	(0.12)	12.77	(0.26)	0.20	(0.30)	1.37	(0.38)	2.38	(0.05)	2.20	(0.11)	0.18	(0.12)	0.13	(0.13)
Canada	10.74	(0.11)	9.59	(0.42)	1.15	(0.44)	1.42	(0.29)	1.89	(0.04)	1.93	(0.29)	-0.04	(0.30)	-0.07	(0.31)
Czech Republic	13.28	(0.09)	12.93	(0.26)	0.35	(0.29)	0.51	(0.31)	4.04	(0.08)	3.28	(0.18)	0.76	(0.20)	0.72	(0.20)
Denmark	9.71	(0.11)	9.67	(0.57)	0.04	(0.59)	0.25	(0.63)	1.04	(0.04)	1.67	(0.33)	-0.63	(0.33)	-0.73	(0.33)
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
France	10.64	(0.09)	10.47	(0.62)	0.17	(0.63)	0.61	(0.60)	1.91	(0.06)	1.75	(0.27)	0.16	(0.28)	-0.33	(0.27)
Germany	9.68	(0.11)	12.36	(0.44)	-2.68	(0.46)	0.21	(0.38)	5.91	(0.11)	4.66	(0.20)	1.24	(0.23)	3.80	(0.41)
Greece	8.91	(0.13)	9.50	(0.42)	-0.59	(0.47)	0.34	(0.38)	3.62	(0.07)	3.46	(0.21)	0.16	(0.23)	-0.06	(0.20)
Hungary	12.25	(0.06)	13.84	(0.70)	-1.59	(0.69)	-1.56	(0.69)	1.49	(0.04)	1.69	(0.38)	-0.21	(0.38)	-0.09	(0.38)
Iceland	9.64	(0.16)	9.84	(0.09)	-0.20	(0.18)	-0.02	(0.20)	1.85	(0.08)	1.53	(0.06)	0.32	(0.10)	0.14	(0.10)
Ireland	11.34	(0.10)	9.96	(0.39)	1.38	(0.43)	1.72	(0.36)	2.26	(0.04)	2.05	(0.18)	0.21	(0.18)	0.07	(0.18)
Italy	10.50	(0.13)	11.32	(0.29)	-0.82	(0.31)	0.43	(0.28)	1.35	(0.07)	1.51	(0.07)	-0.16	(0.09)	-0.07	(0.09)
Japan	12.68	(0.19)	12.85	(0.20)	-0.17	(0.32)	-0.30	(0.28)	4.70	(0.19)	4.80	(0.19)	-0.10	(0.34)	-0.30	(0.22)
Korea	9.69	(0.07)	9.84	(0.13)	-0.15	(0.15)	-0.34	(0.15)	1.89	(0.04)	2.15	(0.11)	-0.26	(0.12)	-0.15	(0.13)
Luxembourg	10.63	(0.10)	11.94	(0.35)	-1.31	(0.37)	-0.11	(0.38)	3.45	(0.08)	2.40	(0.16)	1.05	(0.16)	0.27	(0.21)
Mexico	8.01	(0.17)	7.95	(0.11)	0.05	(0.24)	-0.00	(0.19)	1.98	(0.10)	1.83	(0.07)	0.14	(0.13)	0.18	(0.11)
Netherlands	12.77	(0.09)	13.92	(0.40)	-1.15	(0.41)	-0.07	(0.32)	1.74	(0.06)	1.89	(0.17)	-0.15	(0.18)	-0.37	(0.19)
New Zealand	9.58	(0.08)	10.72	(0.23)	-1.14	(0.26)	-0.90	(0.32)	3.15	(0.06)	2.56	(0.26)	0.59	(0.27)	0.64	(0.27)
Norway	11.70	(0.09)	12.85	(0.24)	-1.16	(0.25)	-0.37	(0.23)	2.11	(0.05)	1.91	(0.24)	0.20	(0.24)	-0.07	(0.24)
Poland	10.01	(0.11)	10.69	(0.32)	-0.68	(0.34)	-0.18	(0.31)	1.99	(0.05)	2.03	(0.25)	-0.04	(0.25)	-0.12	(0.27)
Portugal	8.88	(0.15)	8.95	(0.69)	-0.07	(0.73)	0.61	(0.76)	2.44	(0.07)	2.03	(0.22)	0.41	(0.24)	0.65	(0.23)
Slovak Republic	9.67	(0.09)	11.00	(0.16)	-1.33	(0.17)	-0.70	(0.17)	2.27	(0.07)	2.18	(0.10)	0.09	(0.13)	-0.10	(0.13)
Spain	9.08	(0.07)	8.28	(0.38)	0.80	(0.37)	0.93	(0.35)	1.79	(0.04)	1.74	(0.17)	0.06	(0.18)	-0.02	(0.18)
Sweden	9.97	(0.10)	9.63	(0.46)	0.34	(0.51)	1.33	(0.52)	1.57	(0.05)	1.72	(0.14)	-0.15	(0.15)	-0.68	(0.20)
Switzerland	10.62	(0.17)	12.79	(0.31)	-2.17	(0.36)	-0.46	(0.31)	5.21	(0.09)	5.76	(0.09)	-0.55	(0.12)	0.12	(0.28)
Turkey	11.85	(0.09)	12.91	(0.49)	-1.07	(0.49)	-0.16	(0.49)	1.73	(0.05)	0.91	(0.14)	0.82	(0.15)	0.35	(0.22)
United Kingdom	10.84	(0.13)	12.32	(0.39)	-1.48	(0.40)	-0.02	(0.38)	3.08	(0.07)	2.38	(0.22)	0.70	(0.22)	0.08	(0.21)
United States	10.48	(0.02)	10.99	(0.07)	-0.52	(0.08)	0.17	(0.08)	2.48	(0.01)	2.29	(0.04)	0.19	(0.04)	0.15	(0.04)
OECD average																
Partners																
Argentina	7.00	(0.16)	8.71	(0.21)	-1.71	(0.25)	-0.48	(0.32)	1.78	(0.08)	1.45	(0.10)	0.33	(0.13)	0.20	(0.18)
Azerbaijan	10.36	(0.12)	11.67	(0.31)	-1.31	(0.34)	0.35	(0.59)	4.85	(0.10)	6.16	(0.51)	-1.32	(0.53)	-1.24	(0.60)
Brazil	8.07	(0.11)	10.77	(0.21)	-2.69	(0.24)	-0.88	(0.33)	3.12	(0.08)	3.32	(0.18)	-0.20	(0.20)	-0.11	(0.25)
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Chile	8.20	(0.24)	10.10	(0.20)	-1.89	(0.31)	-0.31	(0.34)	2.91	(0.10)	2.72	(0.08)	0.19	(0.13)	0.00	(0.15)
Colombia	11.46	(0.24)	12.66	(0.45)	-1.20	(0.51)	0.30	(0.74)	3.44	(0.08)	2.77	(0.15)	0.66	(0.17)	0.43	(0.22)
Croatia	8.42	(0.09)	9.55	(0.01)	-1.14	(0.09)	0.41	(0.16)	1.57	(0.05)	2.34	(0.01)	-0.77	(0.05)	-0.87	(0.08)
Estonia	10.96	(0.09)	10.48	(0.52)	0.48	(0.51)	1.00	(0.45)	2.65	(0.07)	1.47	(0.28)	1.18	(0.28)	0.93	(0.26)
Hong Kong-China	13.87	(0.44)	13.54	(0.12)	0.32	(0.45)	-0.10	(0.35)	2.85	(0.19)	3.10	(0.08)	-0.25	(0.21)	-0.24	(0.21)
Indonesia	11.74	(0.18)	9.81	(0.21)	1.92	(0.27)	1.67	(0.26)	3.87	(0.16)	3.34	(0.14)	0.53	(0.19)	0.50	(0.18)
Israel	9.66	(0.12)	9.42	(0.26)	0.24	(0.31)	0.32	(0.28)	4.77	(0.10)	3.64	(0.17)	1.13	(0.21)	1.03	(0.21)
Jordan	10.14	(0.14)	11.17	(0.31)	-1.04	(0.34)	-0.18	(0.33)	5.12	(0.10)	5.14	(0.25)	-0.02	(0.26)	-0.12	(0.27)
Kyrgyzstan	7.75	(0.16)	9.15	(0.72)	-1.40	(0.75)	0.83	(1.07)	4.61	(0.09)	3.75	(0.78)	0.85	(0.81)	-0.08	(0.87)
Latvia	11.06	(0.11)	a	a	a	a	a	a	2.72	(0.08)	a	a	a	a	a	a
Liechtenstein	10.24	(0.21)	c	c	c	c	c	c	1.40	(0.11)	c	c	c	c	c	c
Lithuania	9.82	(0.10)	c	c	c	c	c	c	1.94	(0.05)	c	c	c	c	c	c
Macao-China	12.78	(0.27)	14.53	(0.07)	-1.75	(0.28)	-1.48	(0.29)	2.82	(0.28)	3.27	(0.07)	-0.46	(0.29)	-0.42	(0.31)
Montenegro	8.94	(0.09)	c	c	c	c	c	c	2.70	(0.05)	c	c	c	c	c	c
Qatar	8.27	(0.10)	11.01	(0.17)	-2.75	(0.21)	-1.60	(0.22)	4.90	(0.07)	4.91	(0.14)	-0.01	(0.15)	-0.37	(0.18)
Romania	8.58	(0.15)	a	a	a	a	a	a	4.04	(0.07)	a	a	a	a	a	a
Russian Federation	9.41	(0.13)	a	a	a	a	a	a	3.07	(0.07)	a	a	a	a	a	a
Serbia	9.33	(0.11)	c	c	c	c	c	c	2.67	(0.06)	c	c	c	c	c	c
Slovenia	9.33	(0.07)	12.57	(0.32)	-3.23	(0.31)	-1.11	(0.33)	2.48	(0.04)	1.82	(0.21)	0.66	(0.22)	0.21	(0.24)
Chinese Taipei	11.92	(0.17)	10.77	(0.44)	1.15	(0.54)	1.11	(0.31)	3.32	(0.08)	2.40	(0.13)	0.93	(0.17)	0.90	(0.11)
Thailand	11.08	(0.09)	8.70	(0.18)	2.38	(0.20)	2.74	(0.23)	2.50	(0.08)	1.85	(0.16)	0.66	(0.18)	0.91	(0.12)
Tunisia	9.27	(0.11)	6.23	(0.82)	3.04	(0.83)	3.32	(0.78)	6.12	(0.06)	5.50	(0.35)	0.62	(0.35)	0.60	(0.35)
Uruguay	8.15	(0.09)	10.24	(0.25)	-2.09	(0.27)	-0.89	(0.34)	2.11	(0.06)	1.93	(0.07)	0.18	(0.09)	-0.29	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.11d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools

	Mean learning hours per week														
	Individual study								Total learning hours						
	Public schools		Private schools		Difference (public-private)		Difference after accounting for ESCS and school average ESCS (public-private)	Public schools		Private schools		Difference (public-private)			
	Mean	S.E.	Mean	S.E.	Dif.	S.E.		Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD															
Australia	w	w	w	w	w	w			w	w	w	w	w	w	
Austria	4.87	(0.08)	5.71	(0.18)	-0.83	(0.20)	-0.88	(0.22)	14.38	(0.17)	15.57	(0.31)	-1.19	(0.37)	
Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
Canada	5.27	(0.08)	5.64	(0.15)	-0.37	(0.18)	0.62	(0.24)	20.72	(0.19)	20.58	(0.39)	0.14	(0.44)	
Czech Republic	3.50	(0.05)	3.08	(0.40)	0.42	(0.40)	0.44	(0.39)	16.09	(0.15)	14.67	(1.03)	1.42	(1.05)	
Denmark	4.99	(0.07)	4.99	(0.17)	-0.00	(0.20)	0.14	(0.20)	22.26	(0.16)	21.08	(0.51)	1.18	(0.57)	
Finland	3.39	(0.05)	4.13	(0.39)	-0.74	(0.39)	-0.73	(0.39)	14.12	(0.16)	15.59	(0.36)	-1.47	(0.37)	
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
Germany	5.84	(0.09)	5.91	(0.35)	-0.07	(0.37)	-0.12	(0.41)	18.44	(0.16)	18.13	(0.90)	0.31	(0.92)	
Greece	5.78	(0.09)	5.92	(0.19)	-0.14	(0.22)	1.38	(0.32)	21.38	(0.25)	23.08	(0.49)	-1.70	(0.58)	
Hungary	5.26	(0.09)	5.48	(0.26)	-0.23	(0.28)	0.01	(0.26)	17.81	(0.22)	18.46	(0.73)	-0.65	(0.80)	
Iceland	4.43	(0.05)	4.53	(0.57)	-0.10	(0.57)	-0.12	(0.56)	18.18	(0.09)	20.06	(0.93)	-1.89	(0.92)	
Ireland	4.55	(0.12)	4.82	(0.10)	-0.26	(0.15)	-0.19	(0.18)	15.96	(0.26)	16.19	(0.19)	-0.24	(0.32)	
Italy	7.60	(0.08)	6.08	(0.34)	1.52	(0.36)	1.97	(0.35)	21.21	(0.18)	18.26	(0.63)	2.95	(0.70)	
Japan	3.15	(0.11)	3.03	(0.15)	0.12	(0.18)	0.84	(0.20)	14.99	(0.23)	15.85	(0.44)	-0.86	(0.46)	
Korea	4.88	(0.23)	5.00	(0.16)	-0.12	(0.32)	-0.32	(0.20)	22.30	(0.53)	22.70	(0.46)	-0.40	(0.87)	
Luxembourg	4.26	(0.05)	4.73	(0.13)	-0.47	(0.14)	-0.42	(0.14)	15.86	(0.11)	16.67	(0.25)	-0.81	(0.28)	
Mexico	6.50	(0.09)	5.95	(0.18)	0.56	(0.19)	0.60	(0.23)	20.44	(0.21)	20.22	(0.36)	0.22	(0.39)	
Netherlands	4.08	(0.10)	3.96	(0.08)	0.12	(0.13)	0.09	(0.13)	14.04	(0.24)	13.71	(0.19)	0.33	(0.35)	
New Zealand	4.34	(0.07)	5.83	(0.17)	-1.50	(0.18)	-0.66	(0.18)	18.86	(0.14)	21.61	(0.45)	-2.75	(0.47)	
Norway	4.05	(0.06)	4.04	(0.47)	0.01	(0.47)	0.29	(0.46)	16.75	(0.13)	17.30	(0.42)	-0.55	(0.43)	
Poland	6.33	(0.07)	6.94	(0.17)	-0.61	(0.19)	-0.64	(0.30)	20.16	(0.14)	21.71	(0.28)	-1.55	(0.31)	
Portugal	5.84	(0.08)	5.82	(0.34)	0.01	(0.35)	0.09	(0.38)	17.86	(0.17)	18.58	(0.68)	-0.72	(0.70)	
Slovak Republic	4.85	(0.09)	4.37	(0.30)	0.48	(0.31)	0.86	(0.33)	16.19	(0.26)	15.46	(1.10)	0.72	(1.16)	
Spain	5.39	(0.09)	5.93	(0.13)	-0.54	(0.15)	-0.36	(0.18)	17.46	(0.18)	19.19	(0.28)	-1.73	(0.31)	
Sweden	3.53	(0.05)	4.04	(0.25)	-0.51	(0.25)	-0.41	(0.25)	14.40	(0.11)	14.03	(0.61)	0.37	(0.61)	
Switzerland	4.21	(0.04)	4.45	(0.20)	-0.24	(0.20)	-0.32	(0.22)	15.76	(0.14)	15.81	(0.60)	-0.05	(0.66)	
Turkey	6.10	(0.09)	6.35	(0.46)	-0.24	(0.46)	0.21	(0.55)	21.82	(0.30)	24.49	(0.26)	-2.67	(0.38)	
United Kingdom	4.42	(0.06)	5.87	(0.27)	-1.45	(0.28)	-0.69	(0.30)	18.02	(0.14)	19.78	(0.75)	-1.76	(0.75)	
United States	5.47	(0.06)	6.92	(0.39)	-1.44	(0.40)	-0.82	(0.35)	19.52	(0.16)	21.59	(0.61)	-2.07	(0.64)	
OECD average	4.89	(0.02)	5.14	(0.05)	-0.25	(0.06)	0.03	(0.06)	17.85	(0.04)	18.43	(0.11)	-0.58	(0.12)	
Partners															
Argentina	4.96	(0.12)	5.17	(0.13)	-0.21	(0.16)	-0.00	(0.24)	13.77	(0.29)	15.25	(0.28)	-1.48	(0.37)	
Azerbaijan	8.70	(0.13)	9.01	(0.34)	-0.31	(0.35)	0.19	(0.61)	24.07	(0.27)	26.85	(0.46)	-2.78	(0.52)	
Brazil	5.12	(0.08)	5.69	(0.15)	-0.57	(0.16)	-0.62	(0.26)	16.26	(0.20)	19.77	(0.39)	-3.51	(0.44)	
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Chile	4.64	(0.12)	4.72	(0.11)	-0.08	(0.17)	0.03	(0.20)	15.86	(0.37)	17.60	(0.30)	-1.74	(0.49)	
Colombia	5.64	(0.11)	5.35	(0.18)	0.30	(0.21)	0.61	(0.24)	20.52	(0.32)	20.81	(0.65)	-0.28	(0.73)	
Croatia	4.85	(0.07)	5.25	(0.02)	-0.40	(0.08)	0.48	(0.15)	14.91	(0.14)	17.13	(0.04)	-2.22	(0.15)	
Estonia	5.13	(0.06)	4.12	(0.15)	1.01	(0.17)	1.21	(0.16)	18.77	(0.14)	15.98	(0.62)	2.79	(0.61)	
Hong Kong-China	5.26	(0.27)	5.34	(0.09)	-0.08	(0.29)	-0.40	(0.18)	22.01	(0.76)	21.97	(0.21)	0.04	(0.79)	
Indonesia	5.85	(0.14)	5.16	(0.12)	0.70	(0.21)	0.72	(0.20)	21.43	(0.34)	18.24	(0.37)	3.19	(0.51)	
Israel	5.69	(0.12)	4.53	(0.24)	1.16	(0.28)	1.06	(0.30)	20.23	(0.26)	17.64	(0.54)	2.59	(0.61)	
Jordan	7.88	(0.12)	7.97	(0.27)	-0.09	(0.29)	-0.14	(0.30)	23.18	(0.24)	24.05	(0.49)	-0.87	(0.55)	
Kyrgyzstan	6.70	(0.09)	6.51	(0.73)	0.19	(0.73)	-0.18	(0.74)	19.20	(0.24)	19.79	(1.91)	-0.59	(1.93)	
Latvia	6.25	(0.08)	a	a	a	a	a	a	20.03	(0.19)	a	a	a	a	
Liechtenstein	3.86	(0.14)	c	c	c	c	c	c	15.48	(0.24)	c	c	c	c	
Lithuania	5.26	(0.07)	c	c	c	c	c	c	17.01	(0.14)	c	c	c	c	
Macao-China	3.34	(0.21)	4.99	(0.07)	-1.65	(0.22)	-0.66	(0.25)	18.99	(0.57)	22.78	(0.15)	-3.79	(0.58)	
Montenegro	6.25	(0.08)	c	c	c	c	c	c	17.86	(0.16)	c	c	c	c	
Qatar	6.16	(0.06)	7.03	(0.15)	-0.87	(0.17)	-0.82	(0.20)	19.34	(0.19)	23.05	(0.32)	-3.71	(0.37)	
Romania	5.96	(0.10)	a	a	a	a	a	a	18.57	(0.26)	a	a	a	a	
Russian Federation	6.65	(0.12)	a	a	a	a	a	a	19.13	(0.24)	a	a	a	a	
Serbia	5.23	(0.08)	c	c	c	c	c	c	17.22	(0.19)	c	c	c	c	
Slovenia	4.92	(0.06)	5.72	(0.29)	-0.80	(0.30)	-0.34	(0.32)	16.78	(0.12)	20.15	(0.61)	-3.38	(0.61)	
Chinese Taipei	5.18	(0.10)	4.32	(0.20)	0.86	(0.24)	0.83	(0.15)	20.56	(0.30)	17.61	(0.74)	2.95	(0.90)	
Thailand	5.58	(0.09)	3.96	(0.16)	1.62	(0.18)	1.72	(0.18)	19.14	(0.18)	14.52	(0.37)	4.63	(0.42)	
Tunisia	7.31	(0.08)	5.98	(0.70)	1.34	(0.71)	1.32	(0.71)	22.74	(0.21)	17.97	(0.70)	4.77	(0.72)	
Uruguay	4.15	(0.07)	4.66	(0.15)	-0.51	(0.16)	-0.04	(0.26)	14.45	(0.16)	16.83	(0.39)	-2.38	(0.42)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.11d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by public and private schools
[Part 3/3]

	Allocation of total learning time in science, in mathematics and on the language of instruction for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Austria	62.1	(0.4)	59.9	(1.1)	2.1	(1.2)	5.4	(0.2)	5.1	(0.6)	0.3	(0.6)	32.5	(0.4)	34.9	(1.1)	-2.4	(1.2)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Canada	63.8	(0.3)	63.9	(0.7)	-0.1	(0.8)	11.1	(0.2)	9.3	(0.5)	1.8	(0.5)	25.0	(0.2)	26.8	(0.6)	-1.7	(0.6)
	Czech Republic	69.6	(0.4)	69.1	(2.5)	0.5	(2.6)	10.1	(0.2)	11.1	(1.3)	-1.0	(1.3)	20.3	(0.3)	19.8	(1.6)	0.4	(1.7)
	Denmark	62.0	(0.3)	63.8	(0.8)	-1.7	(0.9)	16.5	(0.3)	14.0	(0.6)	2.5	(0.6)	21.4	(0.2)	22.2	(0.4)	-0.8	(0.5)
	Finland	70.6	(0.3)	66.0	(2.9)	4.6	(2.9)	6.4	(0.2)	9.0	(1.6)	-2.7	(1.6)	23.0	(0.2)	25.0	(1.7)	-2.0	(1.7)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Germany	59.6	(0.4)	59.8	(1.8)	-0.1	(1.9)	9.3	(0.3)	8.5	(1.4)	0.8	(1.4)	31.1	(0.3)	31.8	(0.8)	-0.7	(0.9)
	Greece	47.6	(0.4)	56.1	(1.2)	-8.5	(1.3)	26.1	(0.3)	19.4	(1.1)	6.7	(1.1)	26.3	(0.3)	25.5	(0.6)	1.8	(0.7)
	Hungary	52.2	(0.5)	53.5	(0.9)	-1.3	(1.1)	18.9	(0.3)	17.5	(0.9)	1.5	(1.0)	28.9	(0.3)	29.0	(0.6)	-0.1	(0.6)
	Iceland	69.7	(0.3)	71.3	(3.0)	-1.7	(3.0)	7.3	(0.2)	7.8	(1.6)	-0.6	(1.6)	23.1	(0.2)	20.9	(2.1)	2.2	(2.1)
	Ireland	63.0	(0.6)	63.7	(0.5)	-0.7	(0.8)	9.9	(0.4)	8.0	(0.3)	1.9	(0.5)	27.1	(0.5)	28.4	(0.4)	-1.3	(0.6)
	Italy	54.9	(0.3)	56.2	(0.8)	-1.4	(0.9)	9.9	(0.2)	10.2	(0.9)	-0.2	(0.9)	35.2	(0.2)	33.6	(0.9)	1.6	(0.9)
	Japan	74.4	(0.5)	74.9	(0.7)	-0.5	(0.8)	7.3	(0.3)	7.8	(0.3)	-0.5	(0.4)	18.3	(0.4)	17.3	(0.6)	1.0	(0.7)
	Korea	61.6	(0.9)	61.0	(0.8)	0.6	(1.5)	18.2	(0.6)	18.6	(0.5)	-0.3	(1.0)	20.1	(0.5)	20.4	(0.4)	-0.3	(0.7)
	Luxembourg	63.5	(0.3)	61.3	(0.7)	2.3	(0.8)	10.5	(0.2)	12.0	(0.6)	-1.5	(0.6)	26.0	(0.2)	26.7	(0.5)	-0.7	(0.6)
	Mexico	52.5	(0.3)	59.9	(1.2)	-7.3	(1.3)	15.4	(0.3)	10.9	(0.7)	4.6	(0.7)	32.0	(0.2)	29.2	(0.9)	2.8	(0.9)
	Netherlands	59.5	(0.8)	60.2	(0.5)	-0.6	(1.0)	12.6	(0.6)	12.1	(0.4)	0.5	(0.8)	27.9	(0.5)	27.7	(0.4)	0.2	(0.7)
	New Zealand	69.9	(0.4)	66.5	(0.7)	3.4	(0.8)	8.3	(0.3)	7.3	(0.7)	0.9	(0.8)	21.9	(0.2)	26.2	(0.5)	-4.3	(0.5)
	Norway	60.3	(0.4)	64.8	(2.1)	-4.5	(2.2)	17.1	(0.3)	12.4	(0.8)	4.7	(0.9)	22.6	(0.3)	22.8	(1.9)	-0.2	(1.9)
	Poland	59.9	(0.3)	61.4	(1.5)	-1.5	(1.4)	10.1	(0.3)	8.1	(1.2)	2.0	(1.2)	30.0	(0.3)	30.5	(0.6)	-0.5	(0.7)
	Portugal	58.0	(0.3)	60.4	(1.9)	-2.4	(1.9)	10.3	(0.2)	10.0	(0.9)	0.3	(0.9)	31.7	(0.3)	29.6	(1.1)	2.1	(1.1)
	Slovak Republic	58.7	(0.5)	62.0	(1.4)	-3.3	(1.5)	12.9	(0.3)	10.8	(0.9)	2.1	(1.0)	28.4	(0.3)	27.2	(1.4)	1.2	(1.4)
	Spain	58.6	(0.4)	59.8	(0.4)	-1.2	(0.6)	11.7	(0.3)	10.4	(0.4)	1.3	(0.5)	29.7	(0.3)	29.8	(0.3)	-0.1	(0.5)
	Sweden	66.6	(0.5)	61.5	(1.6)	5.1	(1.7)	10.3	(0.2)	10.7	(0.7)	-0.4	(0.7)	23.1	(0.4)	27.9	(1.2)	-4.8	(1.2)
Switzerland	64.4	(0.3)	62.0	(1.6)	2.5	(1.7)	8.8	(0.2)	9.7	(0.7)	-0.8	(0.8)	26.7	(0.2)	28.3	(1.3)	-1.6	(1.4)	
Turkey	51.4	(0.4)	53.8	(1.2)	-2.4	(1.3)	21.6	(0.3)	22.1	(0.6)	-0.4	(0.7)	27.0	(0.2)	24.2	(1.8)	2.8	(1.8)	
United Kingdom	67.9	(0.4)	67.2	(0.7)	0.7	(0.8)	8.4	(0.2)	3.8	(0.6)	4.6	(0.6)	23.7	(0.2)	29.0	(0.5)	-5.3	(0.5)	
United States	55.4	(0.5)	58.7	(1.0)	-3.3	(1.0)	15.7	(0.4)	9.9	(1.0)	5.8	(1.0)	28.9	(0.2)	31.4	(1.2)	-2.5	(1.2)	
OECD average	61.5	(0.1)	62.3	(0.3)	-0.8	(0.3)	12.1	(0.1)	10.8	(0.2)	1.3	(0.2)	26.4	(0.1)	26.9	(0.2)	-0.5	(0.2)	
Partners	Argentina	52.5	(0.5)	57.8	(0.8)	-5.3	(0.9)	11.5	(0.4)	9.0	(0.5)	2.4	(0.7)	36.0	(0.4)	33.2	(0.5)	2.9	(0.6)
	Azerbaijan	44.4	(0.5)	46.6	(1.4)	-2.2	(1.5)	19.7	(0.4)	21.4	(1.5)	-1.7	(1.6)	35.9	(0.3)	31.9	(0.8)	4.0	(0.9)
	Brazil	52.2	(0.4)	57.3	(0.9)	-5.1	(1.0)	17.5	(0.3)	15.2	(0.6)	2.2	(0.7)	30.3	(0.3)	27.4	(0.5)	2.9	(0.6)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Chile	51.4	(0.8)	57.1	(0.5)	-5.7	(0.9)	18.2	(0.5)	14.9	(0.4)	3.2	(0.6)	30.5	(0.4)	28.0	(0.3)	2.4	(0.5)
	Colombia	58.8	(0.7)	62.9	(1.2)	-4.2	(1.4)	15.0	(0.3)	12.2	(0.7)	2.8	(0.8)	26.2	(0.5)	24.9	(0.7)	1.3	(0.8)
	Croatia	59.9	(0.4)	60.7	(0.1)	-0.8	(0.4)	9.6	(0.3)	12.7	(0.0)	-3.1	(0.3)	30.5	(0.3)	26.7	(0.1)	3.9	(0.4)
	Estonia	60.8	(0.4)	66.1	(1.8)	-5.3	(1.8)	13.3	(0.3)	8.8	(1.7)	4.5	(1.7)	25.9	(0.2)	25.1	(1.0)	0.8	(1.0)
	Hong Kong-China	65.5	(0.6)	64.0	(0.4)	1.5	(0.7)	11.7	(0.5)	13.0	(0.3)	-1.3	(0.6)	22.7	(0.7)	23.0	(0.3)	-0.2	(0.8)
	Indonesia	56.5	(0.9)	55.2	(0.8)	1.3	(1.0)	16.6	(0.6)	16.5	(0.7)	0.1	(0.6)	26.9	(0.5)	28.3	(0.5)	-1.4	(0.7)
	Israel	50.2	(0.6)	57.2	(1.2)	-7.0	(1.6)	22.7	(0.3)	19.0	(0.6)	3.7	(0.8)	27.1	(0.4)	23.8	(0.9)	3.3	(1.1)
	Jordan	43.1	(0.5)	45.1	(1.4)	-2.1	(1.4)	22.2	(0.4)	21.4	(1.0)	0.8	(1.0)	34.8	(0.4)	33.5	(0.6)	1.3	(0.7)
	Kyrgyzstan	39.7	(0.5)	50.3	(1.4)	-10.6	(1.5)	25.3	(0.5)	17.6	(3.3)	7.8	(3.5)	34.9	(0.3)	32.1	(2.3)	2.8	(2.3)
	Latvia	57.4	(0.3)	a	a	a	a	12.7	(0.3)	a	a	a	a	30.0	(0.3)	a	a	a	
	Liechtenstein	66.1	(1.1)	c	c	c	c	8.6	(0.7)	c	c	c	c	25.3	(0.9)	c	c	c	
	Lithuania	59.5	(0.3)	c	c	c	c	11.2	(0.3)	c	c	c	c	29.3	(0.2)	c	c	c	
	Macao-China	70.3	(1.4)	66.5	(0.3)	3.8	(1.4)	13.0	(0.9)	12.8	(0.2)	0.1	(1.0)	16.7	(0.8)	20.6	(0.2)	-3.9	(0.8)
	Montenegro	50.8	(0.3)	c	c	c	c	14.6	(0.3)	c	c	c	c	34.6	(0.3)	c	c	c	
	Qatar	42.3	(0.3)	48.1	(0.7)	-5.8	(0.8)	25.1	(0.2)	21.3	(0.6)	3.8	(0.6)	32.6	(0.2)	30.6	(0.5)	2.0	(0.6)
	Romania	48.7	(0.4)	a	a	a	a	20.5	(0.3)	a	a	a	a	30.9	(0.2)	a	a	a	
	Russian Federation	50.9	(0.5)	a	a	a	a	15.7	(0.5)	a	a	a	a	33.5	(0.4)	a	a	a	
	Serbia	57.7	(0.4)	c	c	c	c	13.9	(0.3)	c	c	c	c	28.5	(0.3)	c	c	c	
	Slovenia	56.8	(0.3)	65.1	(1.2)	-8.3	(1.3)	14.0	(0.2)	8.3	(0.9)	5.7	(0.9)	29.2	(0.2)	26.6	(1.1)	2.6	(1.1)
	Chinese Taipei	60.2	(0.3)	63.8	(0.8)	-3.6	(0.9)	14.8	(0.2)	12.4	(0.5)	2.4	(0.6)	25.0	(0.2)	23.8	(0.4)	1.2	(0.5)
	Thailand	62.0	(0.4)	63.4	(0.6)	-1.4	(0.8)	10.6	(0.3)	8.7	(0.7)	1.9	(0.8)	27.4	(0.3)	27.8	(0.6)	-0.4	(0.7)
	Tunisia	41.6	(0.3)	37.8	(3.1)	3.8	(3.1)	26.4	(0.2)	30.0	(2.9)	-3.6	(2.9)	32.1	(0.2)	32.3	(1.8)	-0.2	(1.8)
Uruguay	58.5	(0.4)	62.9	(0.6)	-4.4	(0.7)	13.1	(0.3)	10.2	(0.4)	2.8	(0.5)	28.4	(0.3)	26.9	(0.5)	1.6	(0.6)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12a Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	3.40	(0.03)	1.91	(0.10)	1.49	(0.10)	0.37	(0.01)	0.28	(0.02)	0.09	(0.03)
	Austria	3.10	(0.09)	2.20	(0.08)	0.90	(0.12)	0.21	(0.03)	0.21	(0.02)	-0.00	(0.04)
	Belgium	3.47	(0.04)	1.58	(0.06)	1.90	(0.07)	0.33	(0.02)	0.32	(0.02)	0.01	(0.03)
	Canada	4.00	(0.04)	a	a	a	a	0.55	(0.01)	a	a	a	a
	Czech Republic	3.39	(0.07)	2.28	(0.11)	1.11	(0.12)	0.62	(0.02)	0.43	(0.03)	0.19	(0.04)
	Denmark	3.21	(0.04)	a	a	a	a	0.77	(0.02)	a	a	a	a
	Finland	3.13	(0.04)	a	a	a	a	0.32	(0.01)	a	a	a	a
	France	2.99	(0.05)	1.46	(0.14)	1.53	(0.16)	0.57	(0.02)	0.37	(0.04)	0.20	(0.05)
	Germany	3.11	(0.05)	1.27	(0.37)	1.84	(0.38)	0.51	(0.02)	0.43	(0.08)	0.08	(0.08)
	Greece	3.40	(0.05)	1.74	(0.08)	1.66	(0.10)	2.12	(0.05)	1.17	(0.09)	0.95	(0.11)
	Hungary	2.91	(0.08)	2.20	(0.05)	0.72	(0.09)	1.08	(0.05)	0.94	(0.03)	0.14	(0.06)
	Iceland	2.97	(0.02)	c	c	c	c	0.29	(0.01)	c	c	c	c
	Ireland	2.55	(0.04)	1.40	(0.30)	1.16	(0.30)	0.32	(0.01)	0.35	(0.13)	-0.03	(0.13)
	Italy	2.79	(0.11)	3.01	(0.04)	-0.21	(0.11)	0.49	(0.02)	0.65	(0.02)	-0.16	(0.03)
	Japan	2.92	(0.06)	2.02	(0.11)	0.90	(0.13)	0.25	(0.01)	0.28	(0.03)	-0.03	(0.03)
	Korea	3.85	(0.07)	2.69	(0.16)	1.16	(0.17)	1.26	(0.05)	0.25	(0.03)	1.00	(0.06)
	Luxembourg	2.28	(0.02)	2.71	(0.09)	-0.43	(0.09)	0.50	(0.02)	0.51	(0.04)	-0.00	(0.04)
	Mexico	3.26	(0.05)	2.93	(0.05)	0.34	(0.06)	1.06	(0.04)	0.90	(0.02)	0.16	(0.04)
	Netherlands	2.55	(0.04)	1.24	(0.07)	1.30	(0.08)	0.52	(0.02)	0.57	(0.04)	-0.05	(0.05)
	New Zealand	4.06	(0.04)	a	a	a	a	0.41	(0.02)	a	a	a	a
	Norway	2.64	(0.03)	a	a	a	a	0.93	(0.02)	a	a	a	a
	Poland	2.72	(0.04)	a	a	a	a	0.62	(0.02)	a	a	a	a
	Portugal	3.23	(0.05)	3.06	(0.14)	0.17	(0.14)	0.65	(0.02)	0.52	(0.04)	0.14	(0.05)
	Slovak Republic	3.07	(0.09)	1.67	(0.10)	1.39	(0.14)	0.81	(0.03)	0.44	(0.04)	0.37	(0.05)
	Spain	3.12	(0.04)	a	a	a	a	0.68	(0.02)	a	a	a	a
	Sweden	2.81	(0.03)	c	c	c	c	0.50	(0.01)	c	c	c	c
	Switzerland	2.42	(0.04)	1.55	(0.13)	0.88	(0.13)	0.40	(0.01)	0.26	(0.05)	0.14	(0.06)
	Turkey	3.42	(0.14)	2.06	(0.10)	1.35	(0.17)	1.65	(0.08)	0.92	(0.05)	0.72	(0.10)
	United Kingdom	4.25	(0.04)	a	a	a	a	0.48	(0.02)	a	a	a	a
	United States	3.51	(0.05)	a	a	a	a	0.78	(0.02)	a	a	a	a
	OECD average	3.15	(0.01)	2.05	(0.03)	1.01	(0.04)	0.67	(0.01)	0.52	(0.01)	0.21	(0.01)
Partners	Argentina	2.26	(0.06)	2.13	(0.35)	0.13	(0.36)	0.49	(0.02)	0.50	(0.18)	-0.02	(0.18)
	Azerbaijan	2.85	(0.06)	1.71	(0.37)	1.13	(0.38)	1.36	(0.03)	1.41	(0.38)	-0.04	(0.38)
	Brazil	2.21	(0.03)	a	a	a	a	0.79	(0.02)	a	a	a	a
	Bulgaria	2.94	(0.11)	2.28	(0.09)	0.66	(0.14)	0.96	(0.04)	1.01	(0.04)	-0.06	(0.06)
	Chile	2.38	(0.05)	0.71	(0.11)	1.66	(0.12)	0.84	(0.02)	0.33	(0.06)	0.52	(0.07)
	Colombia	3.53	(0.08)	3.35	(0.39)	0.19	(0.35)	0.95	(0.03)	0.98	(0.10)	-0.03	(0.10)
	Croatia	2.85	(0.07)	1.68	(0.05)	1.17	(0.09)	0.48	(0.03)	0.41	(0.02)	0.06	(0.04)
	Estonia	3.27	(0.04)	a	a	a	a	0.76	(0.02)	a	a	a	a
	Hong Kong-China	3.23	(0.06)	2.03	(0.17)	1.20	(0.17)	0.90	(0.03)	0.65	(0.07)	0.25	(0.08)
	Indonesia	3.41	(0.07)	2.38	(0.39)	1.03	(0.39)	1.14	(0.04)	0.59	(0.06)	0.55	(0.07)
	Israel	2.47	(0.06)	2.23	(0.10)	0.24	(0.12)	0.96	(0.03)	1.08	(0.07)	-0.12	(0.08)
	Jordan	3.25	(0.06)	a	a	a	a	1.52	(0.03)	a	a	a	a
	Kyrgyzstan	2.09	(0.07)	2.28	(0.26)	-0.19	(0.27)	1.36	(0.03)	1.18	(0.18)	0.19	(0.18)
	Latvia	2.83	(0.06)	3.74	(0.19)	-0.91	(0.19)	0.65	(0.02)	0.58	(0.09)	0.07	(0.09)
	Liechtenstein	2.57	(0.08)	a	a	a	a	0.52	(0.06)	a	a	a	a
	Lithuania	2.69	(0.04)	c	c	c	c	0.56	(0.02)	c	c	c	c
	Macao-China	3.75	(0.03)	3.39	(0.26)	0.36	(0.26)	1.00	(0.03)	0.77	(0.17)	0.23	(0.17)
	Montenegro	3.62	(0.06)	2.45	(0.05)	1.17	(0.07)	0.98	(0.04)	1.09	(0.03)	-0.11	(0.05)
	Qatar	2.66	(0.03)	a	a	a	a	1.48	(0.02)	a	a	a	a
	Romania	2.47	(0.07)	1.57	(0.07)	0.91	(0.09)	1.00	(0.02)	1.11	(0.05)	-0.11	(0.05)
	Russian Federation	3.78	(0.10)	3.41	(0.23)	0.37	(0.27)	1.13	(0.03)	1.10	(0.11)	0.03	(0.11)
	Serbia	3.97	(0.06)	2.46	(0.06)	1.50	(0.09)	0.85	(0.04)	0.76	(0.03)	0.09	(0.05)
	Slovenia	3.66	(0.05)	2.00	(0.03)	1.67	(0.06)	0.69	(0.03)	0.74	(0.02)	-0.05	(0.03)
	Chinese Taipei	3.54	(0.05)	1.70	(0.08)	1.84	(0.09)	1.02	(0.03)	0.35	(0.03)	0.67	(0.04)
	Thailand	4.08	(0.04)	2.28	(0.10)	1.80	(0.11)	1.04	(0.04)	0.17	(0.04)	0.87	(0.06)
	Tunisia	2.62	(0.05)	a	a	a	a	1.93	(0.03)	a	a	a	a
	Uruguay	2.52	(0.04)	1.49	(0.25)	1.03	(0.25)	0.63	(0.02)	0.47	(0.05)	0.16	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.12a Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools
[Part 2/3]

	Mean learning hours per week											
	Individual study						Total learning hours					
	Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD												
Australia	1.23	(0.02)	0.71	(0.04)	0.52	(0.05)	4.99	(0.05)	2.88	(0.14)	2.12	(0.14)
Austria	1.36	(0.06)	1.24	(0.04)	0.12	(0.07)	4.68	(0.12)	3.67	(0.11)	1.01	(0.17)
Belgium	1.57	(0.03)	0.87	(0.03)	0.71	(0.04)	5.35	(0.05)	2.77	(0.10)	2.58	(0.11)
Canada	1.55	(0.02)	a	a	a	a	6.13	(0.06)	a	a	a	a
Czech Republic	1.14	(0.03)	0.80	(0.04)	0.34	(0.05)	5.14	(0.10)	3.50	(0.15)	1.64	(0.17)
Denmark	1.09	(0.02)	a	a	a	a	5.06	(0.07)	a	a	a	a
Finland	1.07	(0.02)	a	a	a	a	4.52	(0.06)	a	a	a	a
France	1.38	(0.03)	0.67	(0.08)	0.71	(0.08)	4.95	(0.08)	2.50	(0.23)	2.45	(0.25)
Germany	1.72	(0.03)	1.15	(0.19)	0.57	(0.19)	5.35	(0.07)	2.85	(0.55)	2.50	(0.56)
Greece	1.92	(0.04)	1.40	(0.12)	0.52	(0.12)	7.43	(0.10)	4.35	(0.22)	3.08	(0.25)
Hungary	1.79	(0.05)	1.45	(0.05)	0.35	(0.07)	5.79	(0.14)	4.58	(0.11)	1.20	(0.18)
Iceland	1.16	(0.02)	c	c	c	c	4.43	(0.04)	c	c	c	c
Ireland	1.21	(0.03)	0.86	(0.19)	0.35	(0.20)	4.07	(0.07)	2.71	(0.54)	1.36	(0.55)
Italy	2.31	(0.08)	1.93	(0.03)	0.38	(0.09)	5.57	(0.20)	5.59	(0.07)	-0.03	(0.21)
Japan	0.76	(0.03)	0.48	(0.03)	0.28	(0.04)	3.93	(0.08)	2.78	(0.15)	1.15	(0.17)
Korea	1.40	(0.07)	0.62	(0.04)	0.79	(0.08)	6.51	(0.17)	3.57	(0.20)	2.94	(0.26)
Luxembourg	1.23	(0.02)	1.39	(0.07)	-0.16	(0.07)	4.01	(0.04)	4.57	(0.15)	-0.56	(0.15)
Mexico	2.16	(0.04)	2.05	(0.03)	0.11	(0.05)	6.44	(0.10)	5.84	(0.07)	0.60	(0.13)
Netherlands	1.32	(0.03)	0.93	(0.05)	0.40	(0.06)	4.37	(0.07)	2.74	(0.13)	1.63	(0.16)
New Zealand	1.28	(0.02)	a	a	a	a	5.74	(0.06)	a	a	a	a
Norway	1.23	(0.02)	a	a	a	a	4.80	(0.05)	a	a	a	a
Poland	2.02	(0.03)	a	a	a	a	5.36	(0.07)	a	a	a	a
Portugal	2.13	(0.04)	1.82	(0.12)	0.31	(0.12)	6.02	(0.08)	5.38	(0.27)	0.64	(0.28)
Slovak Republic	1.65	(0.05)	1.06	(0.06)	0.59	(0.07)	5.54	(0.13)	3.18	(0.18)	2.36	(0.23)
Spain	1.74	(0.03)	a	a	a	a	5.56	(0.07)	a	a	a	a
Sweden	1.16	(0.02)	0.56	(0.15)	0.60	(0.15)	4.47	(0.05)	c	c	c	c
Switzerland	1.13	(0.02)	0.88	(0.09)	0.25	(0.09)	3.95	(0.06)	2.69	(0.22)	1.26	(0.23)
Turkey	1.91	(0.07)	1.26	(0.06)	0.64	(0.09)	6.93	(0.28)	4.20	(0.20)	2.73	(0.34)
United Kingdom	1.45	(0.02)	a	a	a	a	6.18	(0.05)	a	a	a	a
United States	1.68	(0.03)	a	a	a	a	6.01	(0.06)	a	a	a	a
OECD average	1.49	(0.01)	1.11	(0.02)	0.42	(0.02)	5.31	(0.02)	3.70	(0.05)	1.61	(0.06)
Partners												
Argentina	1.60	(0.04)	1.45	(0.25)	0.15	(0.26)	4.33	(0.09)	4.10	(0.66)	0.23	(0.67)
Azerbaijan	2.65	(0.05)	1.85	(0.46)	0.80	(0.47)	6.85	(0.10)	4.71	(0.82)	2.14	(0.83)
Brazil	1.70	(0.02)	a	a	a	a	4.70	(0.06)	a	a	a	a
Bulgaria	2.20	(0.09)	1.78	(0.06)	0.42	(0.10)	6.13	(0.20)	5.11	(0.14)	1.02	(0.23)
Chile	1.55	(0.03)	0.53	(0.09)	1.02	(0.10)	4.79	(0.07)	1.57	(0.22)	3.23	(0.24)
Colombia	1.79	(0.03)	2.01	(0.18)	-0.22	(0.19)	6.27	(0.11)	6.33	(0.66)	-0.06	(0.62)
Croatia	2.15	(0.05)	1.19	(0.05)	0.96	(0.07)	5.49	(0.11)	3.29	(0.11)	2.20	(0.15)
Estonia	1.54	(0.03)	a	a	a	a	5.57	(0.06)	a	a	a	a
Hong Kong-China	1.49	(0.04)	0.75	(0.06)	0.75	(0.07)	5.61	(0.10)	3.45	(0.28)	2.16	(0.29)
Indonesia	1.91	(0.03)	1.15	(0.05)	0.76	(0.06)	6.44	(0.12)	4.13	(0.39)	2.31	(0.38)
Israel	1.35	(0.04)	1.36	(0.07)	-0.01	(0.10)	4.76	(0.11)	4.71	(0.19)	0.05	(0.23)
Jordan	2.65	(0.04)	a	a	a	a	7.40	(0.09)	a	a	a	a
Kyrgyzstan	2.15	(0.04)	1.68	(0.13)	0.46	(0.13)	5.64	(0.09)	5.20	(0.30)	0.44	(0.32)
Latvia	1.80	(0.03)	1.84	(0.13)	-0.05	(0.14)	5.27	(0.09)	6.15	(0.33)	-0.88	(0.34)
Liechtenstein	1.20	(0.06)	a	a	a	a	4.29	(0.10)	a	a	a	a
Lithuania	1.69	(0.03)	c	c	c	c	4.94	(0.06)	c	c	c	c
Macao-China	1.37	(0.03)	1.35	(0.21)	0.02	(0.21)	6.12	(0.06)	5.46	(0.46)	0.65	(0.46)
Montenegro	2.66	(0.06)	1.98	(0.04)	0.68	(0.07)	7.25	(0.12)	5.50	(0.08)	1.74	(0.14)
Qatar	2.04	(0.02)	a	a	a	a	6.21	(0.06)	a	a	a	a
Romania	1.68	(0.06)	1.41	(0.06)	0.27	(0.08)	5.12	(0.13)	4.05	(0.14)	1.07	(0.18)
Russian Federation	2.99	(0.06)	2.13	(0.17)	0.85	(0.18)	7.89	(0.15)	6.68	(0.40)	1.21	(0.45)
Serbia	2.36	(0.07)	1.48	(0.04)	0.88	(0.08)	7.19	(0.14)	4.70	(0.10)	2.50	(0.17)
Slovenia	1.76	(0.03)	1.32	(0.03)	0.44	(0.04)	6.11	(0.08)	4.08	(0.05)	2.03	(0.10)
Chinese Taipei	1.53	(0.03)	0.71	(0.04)	0.82	(0.05)	6.12	(0.09)	2.76	(0.13)	3.35	(0.16)
Thailand	1.96	(0.04)	0.93	(0.03)	1.02	(0.05)	7.07	(0.08)	3.38	(0.13)	3.69	(0.16)
Tunisia	2.61	(0.04)	a	a	a	a	7.14	(0.10)	a	a	a	a
Uruguay	1.39	(0.03)	0.77	(0.06)	0.62	(0.07)	4.56	(0.07)	2.73	(0.31)	1.83	(0.33)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12a Mean learning hours and allocation of total learning time in science, by academic and vocational orientation of schools

	Allocation of total learning time in science for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	71.2	(0.3)	68.2	(1.2)	3.0	(1.2)	6.1	(0.2)	8.7	(0.7)	-2.6	(0.7)	22.8	(0.2)	23.2	(0.8)	-0.4	(0.9)
	Austria	67.9	(1.1)	62.3	(0.7)	5.6	(1.3)	3.4	(0.5)	4.6	(0.3)	-1.2	(0.6)	28.7	(0.9)	33.1	(0.7)	-4.3	(1.1)
	Belgium	66.0	(0.4)	59.3	(0.7)	6.8	(0.7)	4.9	(0.2)	9.4	(0.4)	-4.5	(0.5)	29.1	(0.3)	31.3	(0.5)	-2.2	(0.6)
	Canada	66.3	(0.4)	a	a	a	a	8.5	(0.2)	a	a	a	a	25.2	(0.3)	a	a	a	a
	Czech Republic	68.3	(0.5)	69.5	(1.4)	-1.2	(1.5)	9.9	(0.4)	9.8	(0.6)	0.1	(0.7)	21.8	(0.4)	20.7	(1.0)	1.1	(1.0)
	Denmark	66.7	(0.5)	a	a	a	a	13.0	(0.3)	a	a	a	a	20.3	(0.3)	a	a	a	a
	Finland	70.9	(0.4)	a	a	a	a	5.9	(0.2)	a	a	a	a	23.1	(0.3)	a	a	a	a
	France	62.9	(0.5)	63.1	(2.2)	-0.2	(2.3)	10.7	(0.3)	11.5	(2.1)	-0.7	(2.1)	26.4	(0.4)	25.4	(1.4)	1.0	(1.3)
	Germany	58.2	(0.5)	44.8	(6.0)	13.4	(6.1)	8.4	(0.3)	13.5	(3.9)	-5.2	(3.9)	33.4	(0.3)	41.6	(6.3)	-8.2	(6.3)
	Greece	48.9	(0.5)	44.7	(2.5)	4.1	(2.5)	26.4	(0.4)	24.8	(1.7)	1.6	(1.8)	24.7	(0.4)	30.5	(1.2)	-5.7	(1.2)
	Hungary	52.1	(0.8)	51.1	(0.8)	1.0	(1.1)	17.6	(0.8)	18.1	(0.5)	-0.5	(0.9)	30.3	(0.5)	30.9	(0.5)	-0.5	(0.7)
	Iceland	70.1	(0.4)	c	c	c	c	5.1	(0.2)	c	c	c	c	24.8	(0.3)	c	c	c	c
	Ireland	66.3	(0.4)	59.1	(6.7)	7.2	(6.7)	6.1	(0.3)	8.5	(2.5)	-2.4	(2.6)	27.6	(0.4)	32.4	(6.1)	-4.8	(6.1)
	Italy	52.4	(0.3)	55.1	(0.4)	-2.7	(0.5)	7.3	(0.3)	10.5	(0.3)	-3.2	(0.4)	40.3	(0.2)	34.4	(0.4)	5.9	(0.4)
	Japan	78.2	(0.5)	79.1	(0.8)	-0.9	(0.9)	4.9	(0.2)	6.3	(0.4)	-1.5	(0.5)	17.0	(0.5)	14.6	(0.9)	2.4	(1.0)
	Korea	64.2	(0.7)	79.4	(1.1)	-15.2	(1.3)	16.2	(0.4)	5.2	(0.5)	10.9	(0.7)	19.6	(0.5)	15.4	(0.8)	4.3	(0.9)
	Luxembourg	59.9	(0.5)	59.2	(1.2)	0.7	(1.4)	9.9	(0.3)	10.7	(0.8)	-0.8	(0.9)	30.2	(0.4)	30.1	(0.9)	0.1	(1.1)
	Mexico	49.3	(0.5)	46.9	(0.5)	2.4	(0.7)	15.1	(0.4)	14.5	(0.3)	0.6	(0.5)	35.6	(0.5)	38.6	(0.4)	-3.0	(0.6)
	Netherlands	59.0	(0.6)	48.5	(1.4)	10.4	(1.5)	10.9	(0.4)	17.8	(0.7)	-6.9	(0.8)	30.1	(0.4)	33.7	(0.9)	-3.5	(1.0)
	New Zealand	73.1	(0.4)	a	a	a	a	6.2	(0.2)	a	a	a	a	20.7	(0.3)	a	a	a	a
	Norway	59.6	(0.5)	a	a	a	a	16.9	(0.3)	a	a	a	a	23.5	(0.3)	a	a	a	a
	Poland	53.2	(0.4)	a	a	a	a	10.3	(0.3)	a	a	a	a	36.5	(0.4)	a	a	a	a
	Portugal	54.2	(0.5)	57.8	(1.1)	-3.6	(1.2)	9.5	(0.3)	7.8	(0.7)	1.8	(0.7)	36.3	(0.4)	34.4	(1.0)	1.9	(1.1)
	Slovak Republic	58.6	(0.7)	58.9	(1.1)	-0.3	(1.3)	12.4	(0.4)	10.7	(0.8)	1.7	(0.8)	29.0	(0.6)	30.4	(0.6)	-1.4	(0.8)
	Spain	58.9	(0.3)	a	a	a	a	10.7	(0.3)	a	a	a	a	30.4	(0.3)	a	a	a	a
	Sweden	66.7	(0.6)	c	c	c	c	9.2	(0.2)	c	c	c	c	24.1	(0.5)	c	c	c	c
	Switzerland	62.3	(0.4)	57.9	(1.4)	4.4	(1.5)	8.3	(0.2)	7.3	(1.2)	1.0	(1.2)	29.4	(0.3)	34.8	(1.2)	-5.4	(1.3)
	Turkey	51.5	(0.8)	50.9	(0.7)	0.6	(1.0)	21.6	(0.5)	19.9	(0.7)	1.7	(0.8)	26.9	(0.5)	29.2	(0.8)	-2.3	(0.9)
	United Kingdom	70.7	(0.3)	a	a	a	a	6.8	(0.2)	a	a	a	a	22.5	(0.3)	a	a	a	a
	United States	58.5	(0.5)	a	a	a	a	12.5	(0.4)	a	a	a	a	28.9	(0.3)	a	a	a	a
	OECD average	62.2	(0.1)	58.7	(0.5)	1.9	(0.6)	10.5	(0.1)	11.6	(0.3)	-0.5	(0.3)	27.3	(0.1)	29.7	(0.5)	-1.3	(0.5)
Partners	Argentina	53.2	(0.8)	52.1	(3.9)	1.1	(3.9)	9.6	(0.4)	9.1	(2.3)	0.5	(2.3)	37.2	(0.6)	38.8	(3.7)	-1.6	(3.7)
	Azerbaijan	43.2	(0.6)	32.4	(4.2)	10.8	(4.3)	19.2	(0.5)	30.6	(7.3)	-11.4	(7.3)	37.6	(0.4)	37.0	(8.2)	0.6	(8.2)
	Brazil	50.3	(0.4)	a	a	a	a	14.1	(0.3)	a	a	a	a	35.6	(0.3)	a	a	a	a
	Bulgaria	49.9	(0.8)	47.6	(1.2)	2.3	(1.4)	14.6	(0.6)	18.2	(1.0)	-3.5	(1.2)	35.5	(0.6)	34.3	(0.6)	1.2	(0.8)
	Chile	49.0	(0.6)	48.2	(4.4)	0.8	(4.4)	16.4	(0.4)	18.3	(4.8)	-2.0	(4.6)	34.6	(0.4)	33.5	(3.9)	1.2	(3.8)
	Colombia	59.6	(0.6)	55.3	(1.5)	4.4	(1.5)	13.0	(0.4)	13.5	(0.9)	-0.6	(1.0)	27.4	(0.5)	31.2	(1.2)	-3.8	(1.4)
	Croatia	55.1	(0.8)	54.2	(0.7)	0.9	(1.1)	7.4	(0.5)	11.2	(0.5)	-3.8	(0.7)	37.5	(0.8)	34.6	(0.6)	2.9	(1.0)
	Estonia	61.5	(0.5)	a	a	a	a	12.6	(0.4)	a	a	a	a	25.9	(0.3)	a	a	a	a
	Hong Kong-China	60.9	(0.6)	61.9	(2.2)	-1.0	(2.2)	13.7	(0.4)	15.8	(0.9)	-2.0	(1.0)	25.4	(0.4)	22.3	(1.9)	3.0	(2.0)
	Indonesia	54.3	(0.5)	56.2	(5.0)	-1.9	(4.9)	15.7	(0.4)	15.1	(3.0)	0.6	(2.8)	30.0	(0.4)	28.7	(2.1)	1.3	(2.2)
	Israel	55.7	(0.8)	47.3	(2.5)	8.4	(2.8)	17.4	(0.4)	23.0	(1.5)	-5.5	(1.6)	26.9	(0.6)	29.7	(1.5)	-2.8	(1.7)
	Jordan	42.9	(0.6)	a	a	a	a	20.3	(0.4)	a	a	a	a	36.8	(0.4)	a	a	a	a
	Kyrgyzstan	35.2	(0.6)	45.8	(3.1)	-10.5	(3.1)	25.9	(0.6)	24.4	(4.2)	1.4	(4.2)	38.9	(0.4)	29.8	(1.7)	9.1	(1.7)
	Latvia	55.9	(0.5)	62.7	(1.7)	-6.8	(1.8)	10.5	(0.3)	7.4	(1.0)	3.2	(1.1)	33.6	(0.4)	30.0	(1.8)	3.6	(1.9)
	Liechtenstein	61.8	(1.4)	a	a	a	a	10.2	(1.0)	a	a	a	a	28.1	(1.3)	a	a	a	a
	Lithuania	57.1	(0.5)	c	c	c	c	10.0	(0.3)	c	c	c	c	32.9	(0.3)	c	c	c	c
	Macao-China	64.7	(0.4)	68.0	(3.2)	-3.3	(3.2)	14.6	(0.3)	11.1	(2.0)	3.4	(2.0)	20.7	(0.3)	20.9	(2.1)	-0.2	(2.1)
	Montenegro	51.3	(0.6)	44.5	(0.5)	6.8	(0.7)	12.3	(0.5)	18.1	(0.4)	-5.8	(0.7)	36.4	(0.6)	37.4	(0.6)	-1.0	(0.8)
	Qatar	40.7	(0.3)	a	a	a	a	24.8	(0.3)	a	a	a	a	34.5	(0.3)	a	a	a	a
	Romania	51.0	(0.6)	37.5	(1.1)	13.4	(1.3)	17.6	(0.5)	26.8	(1.3)	-9.2	(1.4)	31.5	(0.6)	35.7	(1.1)	-4.3	(1.3)
	Russian Federation	48.0	(0.6)	52.3	(1.9)	-4.2	(2.0)	14.8	(0.6)	16.6	(1.4)	-1.9	(1.5)	37.2	(0.5)	31.1	(1.3)	6.1	(1.3)
	Serbia	58.2	(0.8)	56.3	(0.7)	2.0	(1.2)	10.8	(0.5)	14.4	(0.5)	-3.6	(0.7)	31.0	(0.6)	29.3	(0.5)	1.7	(0.9)
	Slovenia	60.2	(0.6)	51.2	(0.6)	9.0	(0.9)	10.6	(0.4)	15.9	(0.4)	-5.3	(0.5)	29.3	(0.5)	33.0	(0.4)	-3.7	(0.7)
	Chinese Taipei	62.5	(0.4)	66.4	(1.0)	-3.9	(1.1)	13.3	(0.3)	9.8	(0.5)	3.5	(0.6)	24.2	(0.4)	23.8	(0.7)	0.4	(0.8)
	Thailand	62.9	(0.4)	69.5	(1.0)	-6.5	(1.1)	11.2	(0.4)	2.9	(0.6)	8.3	(0.7)	25.9	(0.3)	27.7	(0.9)	-1.8	(1.0)
	Tunisia	37.3	(0.4)	a	a	a	a	25.9	(0.4)	a	a	a	a	36.9	(0.4)	a	a	a	a
	Uruguay	56.3	(0.5)	54.3	(3.6)	2.0	(3.7)	11.8	(0.3)	14.8	(2.1)	-3.0	(2.1)	31.9	(0.4)	30.9	(2.6)	0.9	(2.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.12b Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.15	(0.03)	3.69	(0.07)	0.46	(0.08)	0.74	(0.02)	0.81	(0.05)	-0.07	(0.05)
	Austria	3.48	(0.04)	3.11	(0.06)	0.37	(0.07)	0.61	(0.04)	0.46	(0.02)	0.15	(0.05)
	Belgium	4.34	(0.04)	2.64	(0.04)	1.69	(0.06)	0.55	(0.02)	0.55	(0.02)	0.01	(0.03)
	Canada	4.50	(0.04)	a	a	a	a	0.94	(0.02)	a	a	a	a
	Czech Republic	4.19	(0.04)	3.72	(0.09)	0.48	(0.10)	0.73	(0.02)	0.79	(0.04)	-0.06	(0.05)
	Denmark	4.44	(0.03)	a	a	a	a	1.36	(0.03)	a	a	a	a
	Finland	3.45	(0.04)	a	a	a	a	0.37	(0.02)	a	a	a	a
	France	3.96	(0.03)	2.70	(0.08)	1.25	(0.09)	0.94	(0.02)	0.76	(0.06)	0.18	(0.07)
	Germany	3.91	(0.04)	2.86	(0.27)	1.05	(0.28)	0.82	(0.03)	0.83	(0.28)	-0.01	(0.29)
	Greece	3.58	(0.04)	2.59	(0.07)	0.99	(0.08)	2.40	(0.06)	1.19	(0.11)	1.21	(0.13)
	Hungary	3.36	(0.06)	3.23	(0.05)	0.12	(0.08)	1.26	(0.05)	1.31	(0.04)	-0.04	(0.06)
	Iceland	4.74	(0.02)	c	c	c	c	0.72	(0.02)	c	c	c	c
	Ireland	3.66	(0.03)	3.08	(0.21)	0.59	(0.21)	0.72	(0.02)	0.62	(0.14)	0.10	(0.14)
	Italy	3.94	(0.06)	3.57	(0.04)	0.37	(0.07)	0.86	(0.03)	0.91	(0.03)	-0.05	(0.04)
	Japan	4.69	(0.07)	2.85	(0.11)	1.84	(0.14)	0.79	(0.04)	0.46	(0.03)	0.33	(0.05)
	Korea	4.96	(0.05)	3.82	(0.10)	1.14	(0.11)	2.72	(0.05)	0.81	(0.07)	1.91	(0.09)
	Luxembourg	3.98	(0.03)	3.02	(0.06)	0.96	(0.07)	0.86	(0.02)	0.64	(0.05)	0.22	(0.06)
	Mexico	3.96	(0.04)	3.91	(0.05)	0.05	(0.06)	1.24	(0.04)	1.05	(0.02)	0.19	(0.05)
	Netherlands	3.04	(0.04)	2.45	(0.07)	0.60	(0.07)	0.65	(0.02)	0.78	(0.04)	-0.13	(0.05)
	New Zealand	4.38	(0.03)	a	a	a	a	0.68	(0.02)	a	a	a	a
	Norway	3.39	(0.03)	a	a	a	a	1.05	(0.02)	a	a	a	a
	Poland	4.36	(0.04)	a	a	a	a	0.78	(0.02)	a	a	a	a
	Portugal	3.63	(0.04)	3.45	(0.12)	0.18	(0.12)	0.83	(0.02)	0.72	(0.06)	0.12	(0.06)
	Slovak Republic	3.88	(0.06)	2.52	(0.07)	1.36	(0.09)	1.08	(0.03)	0.64	(0.04)	0.44	(0.05)
	Spain	3.42	(0.03)	a	a	a	a	0.99	(0.02)	a	a	a	a
	Sweden	3.09	(0.03)	c	c	c	c	0.61	(0.02)	c	c	c	c
Switzerland	3.98	(0.03)	2.15	(0.15)	1.83	(0.15)	0.72	(0.02)	0.50	(0.08)	0.22	(0.08)	
Turkey	4.25	(0.07)	3.20	(0.11)	1.05	(0.12)	2.41	(0.06)	1.59	(0.06)	0.82	(0.08)	
United Kingdom	3.78	(0.03)	a	a	a	a	0.63	(0.02)	a	a	a	a	
United States	3.77	(0.05)	a	a	a	a	1.15	(0.03)	a	a	a	a	
OECD average	3.94	(0.01)	3.08	(0.03)	0.86	(0.03)	1.01	(0.01)	0.81	(0.02)	0.29	(0.02)	
Partners	Argentina	2.95	(0.06)	2.79	(0.43)	0.16	(0.43)	0.77	(0.03)	0.96	(0.21)	-0.19	(0.21)
	Azerbaijan	3.80	(0.06)	2.54	(0.54)	1.26	(0.54)	1.70	(0.05)	1.39	(0.42)	0.31	(0.42)
	Brazil	3.15	(0.04)	a	a	a	a	1.21	(0.03)	a	a	a	a
	Bulgaria	3.22	(0.10)	2.71	(0.07)	0.51	(0.12)	1.17	(0.05)	1.10	(0.05)	0.08	(0.06)
	Chile	3.52	(0.07)	2.58	(0.12)	0.93	(0.13)	1.00	(0.03)	0.79	(0.18)	0.21	(0.19)
	Colombia	4.20	(0.07)	4.26	(0.11)	-0.06	(0.13)	1.23	(0.04)	1.23	(0.08)	0.00	(0.10)
	Croatia	3.66	(0.05)	2.80	(0.05)	0.86	(0.07)	0.81	(0.04)	0.75	(0.03)	0.06	(0.05)
	Estonia	4.19	(0.04)	a	a	a	a	0.99	(0.03)	a	a	a	a
	Hong Kong-China	5.31	(0.04)	4.23	(0.13)	1.07	(0.14)	1.41	(0.04)	1.12	(0.10)	0.29	(0.11)
	Indonesia	4.05	(0.06)	4.29	(0.23)	-0.24	(0.23)	1.46	(0.05)	0.91	(0.07)	0.55	(0.08)
	Israel	4.18	(0.04)	3.83	(0.15)	0.35	(0.17)	2.13	(0.05)	2.28	(0.13)	-0.15	(0.14)
	Jordan	3.48	(0.05)	a	a	a	a	1.82	(0.04)	a	a	a	a
	Kyrgyzstan	2.88	(0.05)	2.86	(0.36)	0.02	(0.36)	1.55	(0.04)	1.52	(0.09)	0.04	(0.10)
	Latvia	4.49	(0.04)	4.39	(0.15)	0.11	(0.15)	1.21	(0.04)	0.86	(0.08)	0.35	(0.09)
	Liechtenstein	3.98	(0.08)	a	a	a	a	0.58	(0.05)	a	a	a	a
	Lithuania	3.50	(0.04)	c	c	c	c	0.74	(0.02)	c	c	c	c
	Macao-China	5.41	(0.03)	4.95	(0.15)	0.46	(0.15)	1.21	(0.03)	0.78	(0.10)	0.43	(0.10)
	Montenegro	3.69	(0.06)	2.80	(0.04)	0.89	(0.07)	0.88	(0.04)	0.95	(0.03)	-0.07	(0.06)
	Qatar	3.11	(0.03)	a	a	a	a	1.85	(0.03)	a	a	a	a
	Romania	3.23	(0.09)	2.25	(0.06)	0.99	(0.11)	1.51	(0.04)	1.46	(0.07)	0.05	(0.08)
	Russian Federation	3.74	(0.06)	2.91	(0.14)	0.83	(0.16)	1.15	(0.03)	0.99	(0.10)	0.16	(0.11)
	Serbia	3.87	(0.07)	3.06	(0.04)	0.81	(0.08)	1.04	(0.04)	0.95	(0.03)	0.09	(0.05)
	Slovenia	3.89	(0.04)	2.78	(0.03)	1.11	(0.05)	0.96	(0.03)	1.09	(0.03)	-0.13	(0.05)
	Chinese Taipei	4.77	(0.05)	3.30	(0.09)	1.48	(0.10)	1.91	(0.04)	0.83	(0.04)	1.08	(0.05)
	Thailand	4.04	(0.04)	2.27	(0.04)	1.77	(0.06)	1.05	(0.03)	0.19	(0.03)	0.86	(0.04)
	Tunisia	3.39	(0.04)	a	a	a	a	2.42	(0.03)	a	a	a	a
Uruguay	3.32	(0.04)	3.28	(0.10)	0.04	(0.11)	0.85	(0.03)	0.76	(0.10)	0.09	(0.11)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12b Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools

[Part 2/3]

		Mean learning hours per week											
		Individual study						Total learning hours					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.82	(0.03)	1.52	(0.05)	0.30	(0.06)	6.72	(0.05)	6.03	(0.12)	0.69	(0.13)
	Austria	2.42	(0.05)	2.01	(0.05)	0.42	(0.07)	6.54	(0.09)	5.60	(0.10)	0.94	(0.13)
	Belgium	2.17	(0.04)	1.33	(0.03)	0.84	(0.05)	7.05	(0.08)	4.55	(0.07)	2.50	(0.10)
	Canada	1.97	(0.03)	a	a	a	a	7.45	(0.07)	a	a	a	a
	Czech Republic	1.34	(0.03)	1.28	(0.06)	0.06	(0.07)	6.26	(0.06)	5.77	(0.16)	0.48	(0.17)
	Denmark	1.74	(0.02)	a	a	a	a	7.52	(0.06)	a	a	a	a
	Finland	1.20	(0.02)	a	a	a	a	5.02	(0.06)	a	a	a	a
	France	1.80	(0.03)	1.06	(0.06)	0.74	(0.06)	6.71	(0.06)	4.51	(0.15)	2.20	(0.16)
	Germany	2.28	(0.03)	1.96	(0.22)	0.32	(0.22)	7.03	(0.07)	5.72	(0.66)	1.31	(0.66)
	Greece	2.05	(0.03)	1.70	(0.13)	0.35	(0.14)	8.05	(0.10)	5.51	(0.26)	2.54	(0.29)
	Hungary	1.94	(0.05)	1.76	(0.04)	0.18	(0.07)	6.55	(0.12)	6.32	(0.12)	0.23	(0.17)
	Iceland	1.71	(0.02)	c	c	c	c	7.18	(0.05)	c	c	c	c
	Ireland	1.77	(0.03)	1.27	(0.22)	0.50	(0.22)	6.15	(0.06)	5.12	(0.36)	1.03	(0.35)
	Italy	2.88	(0.06)	2.17	(0.03)	0.71	(0.07)	7.68	(0.13)	6.66	(0.08)	1.02	(0.14)
	Japan	1.70	(0.07)	0.81	(0.04)	0.89	(0.08)	7.18	(0.16)	4.12	(0.15)	3.06	(0.22)
	Korea	2.70	(0.08)	1.03	(0.07)	1.68	(0.11)	10.39	(0.15)	5.69	(0.21)	4.70	(0.25)
	Luxembourg	1.74	(0.02)	1.53	(0.06)	0.21	(0.06)	6.61	(0.05)	5.19	(0.13)	1.42	(0.13)
	Mexico	2.29	(0.04)	2.20	(0.03)	0.09	(0.05)	7.45	(0.09)	7.14	(0.06)	0.32	(0.11)
	Netherlands	1.58	(0.03)	1.21	(0.06)	0.37	(0.06)	5.26	(0.07)	4.41	(0.14)	0.85	(0.15)
	New Zealand	1.59	(0.03)	a	a	a	a	6.66	(0.05)	a	a	a	a
Norway	1.40	(0.03)	a	a	a	a	5.84	(0.06)	a	a	a	a	
Poland	2.09	(0.03)	a	a	a	a	7.23	(0.06)	a	a	a	a	
Portugal	1.98	(0.03)	1.85	(0.09)	0.13	(0.10)	6.44	(0.07)	6.03	(0.22)	0.41	(0.23)	
Slovak Republic	1.88	(0.04)	1.43	(0.05)	0.45	(0.07)	6.86	(0.11)	4.60	(0.14)	2.26	(0.17)	
Spain	1.96	(0.03)	a	a	a	a	6.41	(0.06)	a	a	a	a	
Sweden	1.18	(0.02)	0.77	(0.07)	0.41	(0.07)	4.89	(0.04)	c	c	c	c	
Switzerland	1.72	(0.02)	1.31	(0.08)	0.40	(0.08)	6.43	(0.05)	3.97	(0.27)	2.46	(0.27)	
Turkey	2.56	(0.06)	1.94	(0.08)	0.62	(0.10)	9.19	(0.16)	6.70	(0.21)	2.49	(0.27)	
United Kingdom	1.49	(0.02)	a	a	a	a	5.90	(0.05)	a	a	a	a	
United States	2.05	(0.03)	a	a	a	a	7.01	(0.07)	a	a	a	a	
OECD average	1.90	(0.01)	1.51	(0.02)	0.48	(0.02)	6.86	(0.02)	5.45	(0.05)	1.63	(0.06)	
Partners	Argentina	1.81	(0.04)	2.26	(0.28)	-0.44	(0.28)	5.54	(0.10)	6.16	(0.64)	-0.62	(0.63)
	Azerbaijan	2.96	(0.06)	1.54	(0.26)	1.42	(0.27)	8.52	(0.13)	5.36	(0.93)	3.16	(0.93)
	Brazil	1.80	(0.03)	a	a	a	a	6.14	(0.07)	a	a	a	a
	Bulgaria	2.28	(0.09)	1.87	(0.07)	0.41	(0.10)	6.69	(0.21)	5.71	(0.14)	0.98	(0.22)
	Chile	1.61	(0.03)	1.30	(0.09)	0.31	(0.10)	6.16	(0.10)	4.68	(0.31)	1.48	(0.32)
	Colombia	1.90	(0.04)	2.07	(0.09)	-0.17	(0.09)	7.33	(0.11)	7.56	(0.21)	-0.23	(0.25)
	Croatia	2.22	(0.06)	1.64	(0.03)	0.58	(0.06)	6.70	(0.08)	5.24	(0.07)	1.46	(0.11)
	Estonia	1.96	(0.03)	a	a	a	a	7.15	(0.07)	a	a	a	a
	Hong Kong-China	2.31	(0.04)	1.37	(0.15)	0.94	(0.16)	9.03	(0.08)	6.76	(0.34)	2.27	(0.36)
	Indonesia	2.05	(0.03)	1.74	(0.07)	0.30	(0.08)	7.54	(0.11)	6.95	(0.24)	0.59	(0.24)
	Israel	2.31	(0.06)	2.41	(0.11)	-0.10	(0.12)	8.67	(0.12)	8.81	(0.33)	-0.14	(0.36)
	Jordan	2.69	(0.04)	a	a	a	a	7.96	(0.08)	a	a	a	a
	Kyrgyzstan	2.23	(0.03)	1.71	(0.13)	0.51	(0.13)	6.72	(0.09)	6.04	(0.43)	0.68	(0.43)
	Latvia	2.46	(0.04)	2.01	(0.14)	0.45	(0.14)	8.17	(0.09)	7.26	(0.30)	0.91	(0.30)
	Liechtenstein	1.49	(0.06)	a	a	a	a	6.04	(0.12)	a	a	a	a
	Lithuania	1.78	(0.03)	c	c	c	c	6.02	(0.05)	c	c	c	c
	Macao-China	2.07	(0.03)	1.77	(0.17)	0.30	(0.17)	8.69	(0.06)	7.47	(0.29)	1.22	(0.30)
	Montenegro	2.27	(0.06)	1.92	(0.04)	0.34	(0.07)	6.80	(0.11)	5.64	(0.09)	1.16	(0.15)
	Qatar	2.22	(0.02)	a	a	a	a	7.21	(0.06)	a	a	a	a
	Romania	2.24	(0.05)	1.91	(0.05)	0.33	(0.08)	6.99	(0.15)	5.61	(0.13)	1.37	(0.20)
Russian Federation	2.33	(0.05)	1.56	(0.11)	0.77	(0.11)	7.23	(0.10)	5.50	(0.29)	1.73	(0.31)	
Serbia	2.16	(0.07)	1.69	(0.03)	0.47	(0.08)	7.07	(0.13)	5.69	(0.08)	1.38	(0.16)	
Slovenia	2.21	(0.04)	1.65	(0.03)	0.57	(0.05)	7.06	(0.09)	5.55	(0.06)	1.52	(0.11)	
Chinese Taipei	2.17	(0.04)	1.34	(0.06)	0.83	(0.08)	8.91	(0.10)	5.52	(0.17)	3.39	(0.20)	
Thailand	1.97	(0.03)	0.90	(0.02)	1.07	(0.04)	7.05	(0.07)	3.36	(0.06)	3.69	(0.10)	
Tunisia	2.57	(0.04)	a	a	a	a	8.38	(0.10)	a	a	a	a	
Uruguay	1.59	(0.03)	1.47	(0.12)	0.12	(0.12)	5.76	(0.07)	5.57	(0.24)	0.20	(0.24)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.12b Mean learning hours and allocation of total learning time in mathematics, by academic and vocational orientation of schools

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	65.8	(0.3)	65.4	(0.9)	0.4	(0.9)	16.0	(0.5)	24.6	(2.1)	-8.6	(2.1)	25.2	(0.2)	23.2	(0.6)	1.9	(0.6)
	Austria	57.3	(0.7)	59.0	(0.6)	-1.7	(0.9)	18.0	(1.7)	15.6	(0.9)	2.4	(2.0)	35.0	(0.6)	34.8	(0.5)	0.2	(0.8)
	Belgium	63.9	(0.4)	62.1	(0.5)	1.8	(0.6)	11.6	(0.5)	20.5	(1.1)	-8.9	(1.3)	29.4	(0.4)	28.3	(0.4)	1.1	(0.5)
	Canada	63.3	(0.3)	a	a	a	a	18.6	(0.5)	a	a	a	a	25.2	(0.2)	a	a	a	a
	Czech Republic	70.6	(0.5)	69.9	(0.8)	0.7	(1.0)	21.1	(1.0)	29.6	(3.1)	-8.5	(3.3)	19.9	(0.4)	19.8	(0.7)	0.1	(0.8)
	Denmark	62.3	(0.3)	a	a	a	a	31.1	(0.9)	a	a	a	a	21.6	(0.2)	a	a	a	a
	Finland	71.1	(0.3)	a	a	a	a	9.0	(0.4)	a	a	a	a	22.9	(0.2)	a	a	a	a
	France	62.3	(0.3)	65.4	(1.2)	-3.1	(1.2)	26.1	(0.7)	34.0	(4.5)	-7.9	(4.7)	25.2	(0.3)	21.2	(1.0)	4.0	(0.9)
	Germany	58.6	(0.3)	52.8	(1.9)	5.8	(2.0)	20.1	(1.0)	34.2	(8.1)	-14.1	(8.2)	31.7	(0.3)	35.0	(1.5)	-3.3	(1.5)
	Greece	48.4	(0.5)	55.5	(1.9)	-7.0	(2.0)	38.7	(1.1)	34.5	(4.0)	4.2	(4.2)	24.3	(0.3)	27.2	(1.2)	-2.9	(1.2)
	Hungary	54.5	(0.7)	54.1	(0.5)	0.5	(0.9)	27.0	(1.2)	35.5	(1.6)	-8.5	(2.0)	28.5	(0.5)	27.6	(0.3)	1.0	(0.6)
	Iceland	69.4	(0.3)	c	c	c	c	19.1	(0.9)	c	c	c	c	22.1	(0.2)	c	c	c	c
	Ireland	63.6	(0.4)	67.1	(4.0)	-3.5	(4.0)	18.5	(0.9)	16.8	(5.9)	1.6	(5.8)	27.0	(0.3)	22.8	(2.9)	4.1	(2.9)
	Italy	54.1	(0.3)	55.7	(0.3)	-1.6	(0.5)	17.9	(0.8)	21.1	(0.8)	-3.2	(1.2)	36.3	(0.3)	32.5	(0.3)	3.8	(0.4)
	Japan	70.7	(0.7)	74.9	(0.8)	-4.2	(1.0)	21.9	(1.4)	13.0	(1.2)	9.0	(1.9)	20.5	(0.5)	17.1	(0.8)	3.4	(0.9)
	Korea	52.1	(0.5)	73.6	(1.1)	-21.5	(1.2)	46.9	(1.6)	23.5	(2.5)	23.4	(3.0)	23.9	(0.4)	16.0	(0.8)	7.9	(0.9)
	Luxembourg	63.4	(0.3)	62.7	(0.9)	0.7	(1.0)	27.0	(0.9)	18.3	(2.1)	8.7	(2.3)	25.3	(0.3)	27.8	(0.8)	-2.5	(0.8)
	Mexico	53.9	(0.5)	55.9	(0.5)	-2.0	(0.7)	22.7	(0.9)	22.1	(0.7)	0.6	(1.1)	31.3	(0.3)	30.6	(0.3)	0.7	(0.4)
	Netherlands	60.8	(0.5)	57.7	(1.0)	3.1	(1.2)	16.6	(0.7)	25.9	(1.6)	-9.3	(1.8)	28.6	(0.4)	26.1	(0.7)	2.5	(0.8)
	New Zealand	69.6	(0.4)	a	a	a	a	12.2	(0.5)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Norway	62.2	(0.4)	a	a	a	a	23.0	(0.6)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Poland	62.5	(0.3)	a	a	a	a	18.0	(0.7)	a	a	a	a	27.4	(0.3)	a	a	a	a
	Portugal	58.7	(0.4)	60.0	(0.9)	-1.3	(1.0)	15.6	(0.5)	12.6	(1.0)	3.0	(1.1)	29.5	(0.4)	30.2	(0.8)	-0.7	(0.9)
	Slovak Republic	60.5	(0.6)	60.7	(0.9)	-0.2	(1.1)	28.1	(1.1)	24.9	(2.2)	3.2	(2.3)	25.8	(0.5)	28.2	(0.6)	-2.4	(0.8)
	Spain	57.7	(0.3)	a	a	a	a	19.4	(0.5)	a	a	a	a	29.3	(0.3)	a	a	a	a
	Sweden	68.1	(0.5)	c	c	c	c	13.5	(0.4)	c	c	c	c	22.0	(0.4)	c	c	c	c
	Switzerland	64.1	(0.4)	56.2	(0.9)	7.9	(1.0)	23.9	(0.9)	22.1	(6.5)	1.8	(6.6)	26.3	(0.2)	33.9	(1.0)	-7.6	(1.0)
Turkey	49.7	(0.5)	52.3	(0.7)	-2.6	(0.9)	41.9	(2.4)	46.7	(2.8)	-4.8	(3.7)	26.4	(0.4)	26.8	(0.5)	-0.4	(0.7)	
United Kingdom	67.1	(0.3)	a	a	a	a	11.0	(0.5)	a	a	a	a	24.0	(0.2)	a	a	a	a	
United States	55.4	(0.5)	a	a	a	a	23.9	(0.9)	a	a	a	a	29.2	(0.3)	a	a	a	a	
OECD average	61.4	(0.1)	61.1	(0.3)	-1.5	(0.3)	21.9	(0.2)	25.0	(0.8)	-0.8	(0.8)	26.3	(0.1)	26.8	(0.2)	0.6	(0.2)	
Partners	Argentina	55.1	(0.6)	49.6	(3.5)	5.5	(3.6)	22.2	(1.1)	33.9	(5.2)	-11.7	(5.3)	32.6	(0.4)	35.9	(2.2)	-3.3	(2.2)
	Azerbaijan	47.1	(0.5)	50.5	(9.2)	-3.4	(9.2)	34.0	(1.3)	28.4	(7.5)	5.7	(7.8)	34.3	(0.5)	28.2	(3.9)	6.2	(3.9)
	Brazil	54.4	(0.5)	a	a	a	a	30.3	(0.9)	a	a	a	a	28.3	(0.4)	a	a	a	a
	Bulgaria	51.7	(0.7)	50.7	(0.9)	1.0	(1.1)	24.0	(1.0)	28.6	(1.6)	-4.6	(1.8)	32.8	(0.6)	32.0	(0.6)	0.8	(0.8)
	Chile	56.8	(0.5)	59.0	(2.4)	-2.2	(2.5)	26.2	(0.9)	34.8	(12.7)	-8.6	(12.9)	28.0	(0.4)	28.3	(1.9)	-0.3	(1.9)
	Colombia	60.5	(0.6)	62.1	(1.0)	-1.6	(1.0)	23.8	(0.9)	23.9	(3.1)	-0.1	(3.2)	25.1	(0.4)	24.9	(0.7)	0.2	(0.7)
	Croatia	59.1	(0.7)	58.0	(0.6)	1.0	(0.9)	17.4	(1.3)	23.4	(1.2)	-6.0	(1.7)	30.8	(0.7)	30.0	(0.5)	0.8	(0.8)
	Estonia	62.2	(0.4)	a	a	a	a	22.4	(0.7)	a	a	a	a	25.5	(0.3)	a	a	a	a
	Hong Kong-China	62.2	(0.4)	68.0	(2.3)	-5.8	(2.3)	24.0	(1.1)	32.7	(4.0)	-8.7	(4.3)	23.8	(0.3)	17.6	(1.6)	6.2	(1.6)
	Indonesia	55.7	(0.5)	64.1	(1.5)	-8.5	(1.6)	24.6	(0.8)	27.1	(4.5)	-2.5	(4.6)	26.9	(0.3)	24.7	(0.9)	2.2	(1.0)
	Israel	52.2	(0.7)	47.2	(1.6)	5.0	(1.7)	56.7	(2.0)	63.4	(3.9)	-6.7	(4.7)	25.0	(0.5)	27.9	(1.1)	-2.9	(1.2)
	Jordan	43.2	(0.5)	a	a	a	a	30.2	(0.9)	a	a	a	a	34.5	(0.4)	a	a	a	a
	Kyrgyzstan	41.8	(0.5)	52.3	(2.1)	-10.5	(2.1)	40.1	(1.4)	34.2	(4.7)	5.9	(4.8)	34.1	(0.4)	25.8	(1.7)	8.3	(1.7)
	Latvia	58.0	(0.4)	64.1	(1.8)	-6.1	(1.9)	30.4	(1.3)	17.7	(2.0)	12.6	(2.4)	28.6	(0.3)	24.7	(1.5)	3.9	(1.5)
	Liechtenstein	66.7	(1.2)	a	a	a	a	14.4	(1.4)	a	a	a	a	24.8	(1.0)	a	a	a	a
	Lithuania	60.7	(0.4)	c	c	c	c	19.1	(0.6)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	66.2	(0.4)	69.7	(1.6)	-3.5	(1.6)	23.9	(0.8)	16.6	(3.0)	7.2	(3.0)	21.9	(0.3)	22.5	(1.5)	-0.6	(1.5)
	Montenegro	55.9	(0.6)	50.7	(0.5)	5.3	(0.8)	16.2	(1.2)	23.1	(1.2)	-7.0	(1.8)	32.9	(0.6)	34.7	(0.5)	-1.8	(0.8)
	Qatar	43.3	(0.3)	a	a	a	a	38.5	(0.8)	a	a	a	a	31.6	(0.3)	c	c	c	c
	Romania	50.8	(0.7)	45.1	(1.0)	5.8	(1.3)	42.1	(2.3)	51.2	(4.8)	-9.1	(5.4)	30.4	(0.5)	a	a	a	a
	Russian Federation	53.3	(0.6)	57.8	(1.9)	-4.5	(2.0)	19.7	(0.9)	20.3	(2.0)	-0.6	(2.2)	31.0	(0.4)	26.3	(1.3)	4.7	(1.3)
	Serbia	59.0	(0.8)	59.4	(0.6)	-0.3	(1.0)	18.1	(1.2)	25.1	(1.2)	-7.0	(1.6)	28.6	(0.7)	27.4	(0.4)	1.2	(0.9)
	Slovenia	57.8	(0.5)	53.4	(0.5)	4.4	(0.7)	20.5	(1.1)	32.8	(1.1)	-12.3	(1.6)	30.5	(0.5)	29.6	(0.4)	0.9	(0.6)
Chinese Taipei	57.1	(0.4)	64.7	(0.8)	-7.6	(0.9)	38.4	(0.9)	32.3	(1.7)	6.1	(1.8)	23.5	(0.2)	23.1	(0.5)	0.4	(0.6)	
Thailand	62.5	(0.4)	68.5	(1.0)	-6.0	(1.1)	13.8	(0.5)	5.2	(0.6)	8.6	(0.8)	25.7	(0.3)	27.7	(0.9)	-2.1	(0.9)	
Tunisia	41.7	(0.4)	a	a	a	a	44.7	(1.1)	a	a	a	a	31.2	(0.3)	a	a	a	a	
Uruguay	60.5	(0.4)	63.1	(1.8)	-2.6	(1.9)	23.0	(1.1)	26.5	(5.5)	-3.5	(5.7)	27.0	(0.3)	25.6	(1.3)	1.4	(1.3)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12c Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week											
		Regular school lessons						Out-of-school-time lessons					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.09	(0.03)	3.83	(0.07)	0.26	(0.08)	0.64	(0.02)	0.81	(0.05)	-0.17	(0.05)
	Austria	3.21	(0.04)	2.73	(0.05)	0.49	(0.06)	0.18	(0.03)	0.26	(0.02)	-0.08	(0.04)
	Belgium	3.92	(0.03)	2.95	(0.04)	0.97	(0.05)	0.38	(0.02)	0.55	(0.02)	-0.17	(0.03)
	Canada	4.43	(0.04)	a	a	a	a	0.86	(0.02)	a	a	a	a
	Czech Republic	3.94	(0.04)	3.41	(0.05)	0.53	(0.06)	0.61	(0.02)	0.62	(0.03)	-0.01	(0.03)
	Denmark	5.50	(0.03)	a	a	a	a	1.68	(0.03)	a	a	a	a
	Finland	3.13	(0.05)	a	a	a	a	0.36	(0.01)	a	a	a	a
	France	4.10	(0.03)	3.15	(0.09)	0.95	(0.10)	0.77	(0.02)	0.77	(0.07)	-0.01	(0.08)
	Germany	3.67	(0.03)	3.02	(0.23)	0.65	(0.23)	0.61	(0.02)	0.57	(0.23)	0.04	(0.24)
	Greece	3.36	(0.04)	1.94	(0.07)	1.42	(0.08)	1.69	(0.04)	1.22	(0.08)	0.48	(0.09)
	Hungary	3.36	(0.07)	3.05	(0.05)	0.31	(0.09)	1.32	(0.05)	1.30	(0.03)	0.02	(0.06)
	Iceland	4.52	(0.02)	c	c	c	c	0.46	(0.02)	c	c	c	c
	Ireland	3.56	(0.03)	2.94	(0.24)	0.61	(0.23)	0.63	(0.02)	0.73	(0.20)	-0.10	(0.20)
	Italy	4.94	(0.05)	4.36	(0.04)	0.58	(0.07)	0.66	(0.03)	0.89	(0.03)	-0.23	(0.04)
	Japan	4.08	(0.05)	3.01	(0.08)	1.07	(0.09)	0.44	(0.02)	0.41	(0.03)	0.03	(0.04)
	Korea	4.70	(0.04)	3.70	(0.12)	1.00	(0.13)	1.72	(0.05)	0.55	(0.06)	1.17	(0.08)
	Luxembourg	3.65	(0.03)	2.51	(0.05)	1.15	(0.06)	0.63	(0.02)	0.35	(0.04)	0.28	(0.04)
	Mexico	3.74	(0.05)	3.72	(0.05)	0.01	(0.07)	1.15	(0.04)	1.00	(0.02)	0.15	(0.05)
	Netherlands	2.95	(0.03)	2.84	(0.05)	0.11	(0.06)	0.54	(0.02)	0.90	(0.04)	-0.36	(0.05)
	New Zealand	4.39	(0.03)	a	a	a	a	0.65	(0.03)	a	a	a	a
Norway	3.60	(0.04)	a	a	a	a	1.16	(0.02)	a	a	a	a	
Poland	4.64	(0.03)	a	a	a	a	0.70	(0.03)	a	a	a	a	
Portugal	3.27	(0.03)	3.23	(0.06)	0.04	(0.07)	0.58	(0.02)	0.49	(0.05)	0.08	(0.05)	
Slovak Republic	3.66	(0.06)	2.44	(0.06)	1.22	(0.08)	1.03	(0.03)	0.70	(0.04)	0.33	(0.05)	
Spain	3.60	(0.03)	a	a	a	a	0.58	(0.02)	a	a	a	a	
Sweden	3.12	(0.03)	c	c	c	c	0.68	(0.02)	c	c	c	c	
Switzerland	3.76	(0.03)	2.12	(0.17)	1.64	(0.17)	0.50	(0.02)	0.34	(0.07)	0.16	(0.07)	
Turkey	4.46	(0.05)	3.30	(0.08)	1.17	(0.09)	1.96	(0.07)	1.60	(0.06)	0.36	(0.09)	
United Kingdom	3.89	(0.04)	a	a	a	a	0.59	(0.02)	a	a	a	a	
United States	3.64	(0.04)	a	a	a	a	1.11	(0.03)	a	a	a	a	
OECD average	3.90	(0.01)	3.07	(0.02)	0.75	(0.03)	0.83	(0.01)	0.74	(0.02)	0.10	(0.02)	
Partners	Argentina	2.40	(0.05)	1.90	(0.32)	0.51	(0.32)	0.42	(0.03)	0.63	(0.19)	-0.21	(0.19)
	Azerbaijan	3.70	(0.05)	2.71	(0.43)	0.98	(0.43)	1.80	(0.05)	1.71	(0.44)	0.09	(0.44)
	Brazil	3.10	(0.04)	a	a	a	a	1.18	(0.03)	a	a	a	a
	Bulgaria	3.10	(0.06)	2.71	(0.07)	0.39	(0.08)	1.06	(0.05)	1.12	(0.04)	-0.05	(0.07)
	Chile	3.47	(0.06)	2.58	(0.13)	0.89	(0.15)	1.01	(0.03)	0.52	(0.09)	0.49	(0.10)
	Colombia	3.89	(0.05)	4.05	(0.19)	-0.16	(0.20)	1.15	(0.03)	1.13	(0.07)	0.02	(0.07)
	Croatia	3.81	(0.05)	3.14	(0.04)	0.67	(0.07)	0.26	(0.02)	0.44	(0.02)	-0.17	(0.03)
	Estonia	3.48	(0.04)	a	a	a	a	0.88	(0.03)	a	a	a	a
	Hong Kong-China	5.25	(0.05)	4.45	(0.14)	0.80	(0.15)	0.80	(0.03)	0.96	(0.11)	-0.16	(0.12)
	Indonesia	3.83	(0.05)	2.72	(0.19)	1.11	(0.18)	1.35	(0.03)	0.81	(0.06)	0.54	(0.07)
	Israel	3.10	(0.05)	2.64	(0.10)	0.47	(0.12)	1.32	(0.04)	1.40	(0.07)	-0.08	(0.08)
	Jordan	3.56	(0.05)	a	a	a	a	1.77	(0.04)	a	a	a	a
	Kyrgyzstan	2.75	(0.06)	2.61	(0.17)	0.13	(0.18)	1.71	(0.03)	1.38	(0.20)	0.33	(0.20)
	Latvia	3.71	(0.04)	3.16	(0.15)	0.55	(0.15)	0.89	(0.03)	0.60	(0.08)	0.29	(0.08)
	Liechtenstein	3.66	(0.08)	a	a	a	a	0.32	(0.04)	a	a	a	a
	Lithuania	3.66	(0.04)	c	c	c	c	0.65	(0.02)	c	c	c	c
	Macao-China	5.32	(0.03)	5.31	(0.15)	0.01	(0.15)	1.06	(0.03)	0.82	(0.14)	0.24	(0.14)
	Montenegro	3.53	(0.06)	2.64	(0.04)	0.89	(0.07)	0.61	(0.04)	0.81	(0.03)	-0.20	(0.05)
	Qatar	2.90	(0.03)	a	a	a	a	1.59	(0.03)	a	a	a	a
	Romania	3.64	(0.06)	2.17	(0.07)	1.47	(0.09)	1.52	(0.03)	1.50	(0.08)	0.02	(0.08)
Russian Federation	2.06	(0.04)	1.91	(0.09)	0.15	(0.09)	0.84	(0.03)	0.68	(0.06)	0.17	(0.07)	
Serbia	3.86	(0.06)	2.93	(0.03)	0.93	(0.07)	0.91	(0.05)	0.93	(0.03)	-0.02	(0.06)	
Slovenia	3.68	(0.04)	2.83	(0.03)	0.85	(0.05)	0.60	(0.02)	0.86	(0.02)	-0.27	(0.03)	
Chinese Taipei	4.81	(0.04)	3.55	(0.08)	1.26	(0.09)	0.72	(0.03)	0.64	(0.04)	0.08	(0.04)	
Thailand	3.41	(0.02)	1.35	(0.06)	2.06	(0.06)	0.63	(0.03)	0.18	(0.02)	0.45	(0.03)	
Tunisia	3.14	(0.05)	a	a	a	a	1.78	(0.04)	a	a	a	a	
Uruguay	2.84	(0.03)	1.99	(0.11)	0.84	(0.11)	0.66	(0.02)	0.57	(0.08)	0.09	(0.08)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.12c Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week											
		Individual study						Total learning hours					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	1.72	(0.02)	1.64	(0.05)	0.08	(0.05)	6.45	(0.05)	6.27	(0.13)	0.18	(0.14)
	Austria	1.69	(0.07)	1.49	(0.04)	0.21	(0.08)	5.09	(0.10)	4.48	(0.09)	0.61	(0.13)
	Belgium	1.46	(0.02)	1.22	(0.03)	0.24	(0.03)	5.76	(0.05)	4.74	(0.06)	1.01	(0.07)
	Canada	1.74	(0.03)	a	a	a	a	7.06	(0.06)	a	a	a	a
	Czech Republic	1.19	(0.03)	1.12	(0.04)	0.07	(0.05)	5.73	(0.06)	5.14	(0.08)	0.59	(0.10)
	Denmark	2.16	(0.03)	a	a	a	a	9.34	(0.07)	a	a	a	a
	Finland	1.13	(0.02)	a	a	a	a	4.63	(0.07)	a	a	a	a
	France	1.56	(0.02)	1.07	(0.07)	0.49	(0.07)	6.44	(0.05)	5.01	(0.14)	1.43	(0.14)
	Germany	1.90	(0.03)	1.60	(0.20)	0.30	(0.21)	6.20	(0.05)	5.21	(0.58)	0.98	(0.59)
	Greece	2.01	(0.03)	1.47	(0.08)	0.54	(0.09)	7.07	(0.08)	4.65	(0.17)	2.43	(0.19)
	Hungary	1.99	(0.06)	1.77	(0.04)	0.22	(0.08)	6.66	(0.14)	6.14	(0.11)	0.53	(0.19)
	Iceland	1.54	(0.02)	c	c	c	c	6.54	(0.04)	c	c	c	c
	Ireland	1.76	(0.03)	1.44	(0.25)	0.31	(0.24)	5.95	(0.06)	5.27	(0.46)	0.69	(0.45)
	Italy	3.51	(0.07)	2.51	(0.04)	1.00	(0.08)	9.10	(0.13)	7.79	(0.08)	1.30	(0.15)
	Japan	1.03	(0.04)	0.69	(0.04)	0.33	(0.06)	5.54	(0.09)	4.12	(0.10)	1.42	(0.13)
	Korea	1.60	(0.03)	0.77	(0.04)	0.82	(0.05)	8.01	(0.10)	5.05	(0.18)	2.96	(0.21)
	Luxembourg	1.43	(0.02)	1.08	(0.05)	0.35	(0.06)	5.72	(0.04)	3.91	(0.11)	1.80	(0.12)
	Mexico	2.07	(0.04)	2.03	(0.03)	0.03	(0.05)	6.93	(0.10)	6.74	(0.06)	0.20	(0.12)
	Netherlands	1.33	(0.03)	1.33	(0.05)	-0.01	(0.06)	4.80	(0.06)	5.10	(0.11)	-0.30	(0.14)
	New Zealand	1.57	(0.03)	a	a	a	a	6.62	(0.06)	a	a	a	a
	Norway	1.44	(0.03)	a	a	a	a	6.19	(0.06)	a	a	a	a
	Poland	2.22	(0.03)	a	a	a	a	7.56	(0.05)	a	a	a	a
	Portugal	1.81	(0.03)	1.68	(0.07)	0.13	(0.08)	5.66	(0.06)	5.42	(0.12)	0.24	(0.14)
	Slovak Republic	1.82	(0.04)	1.64	(0.05)	0.19	(0.07)	6.51	(0.09)	4.78	(0.11)	1.73	(0.14)
	Spain	1.89	(0.03)	m	m	m	m	6.10	(0.05)	m	m	m	m
	Sweden	1.26	(0.02)	c	c	c	c	5.06	(0.06)	c	c	c	c
Switzerland	1.43	(0.01)	1.01	(0.07)	0.42	(0.07)	5.70	(0.04)	3.46	(0.30)	2.24	(0.30)	
Turkey	2.32	(0.07)	1.97	(0.05)	0.34	(0.09)	8.72	(0.14)	6.86	(0.17)	1.86	(0.23)	
United Kingdom	1.59	(0.02)	a	a	a	a	6.08	(0.06)	a	a	a	a	
United States	1.87	(0.03)	a	a	a	a	6.65	(0.06)	a	a	a	a	
OECD average	1.73	(0.01)	1.45	(0.02)	0.32	(0.02)	6.46	(0.01)	5.27	(0.05)	1.15	(0.05)	
Partners	Argentina	1.64	(0.04)	1.49	(0.17)	0.15	(0.16)	4.46	(0.08)	4.00	(0.61)	0.46	(0.60)
	Azerbaijan	3.12	(0.05)	1.80	(0.27)	1.32	(0.27)	8.68	(0.11)	6.22	(0.56)	2.46	(0.57)
	Brazil	1.74	(0.03)	a	a	a	a	6.01	(0.06)	a	a	a	a
	Bulgaria	2.17	(0.08)	1.92	(0.06)	0.26	(0.10)	6.35	(0.15)	5.77	(0.12)	0.58	(0.18)
	Chile	1.57	(0.03)	1.22	(0.10)	0.35	(0.10)	6.08	(0.09)	4.33	(0.26)	1.75	(0.28)
	Colombia	1.80	(0.04)	2.02	(0.08)	-0.21	(0.09)	6.87	(0.08)	7.18	(0.26)	-0.31	(0.27)
	Croatia	1.83	(0.06)	1.48	(0.04)	0.35	(0.07)	5.90	(0.11)	5.09	(0.07)	0.82	(0.13)
	Estonia	1.62	(0.03)	a	a	a	a	5.99	(0.06)	a	a	a	a
	Hong Kong-China	1.67	(0.04)	1.34	(0.10)	0.32	(0.11)	7.71	(0.08)	6.76	(0.31)	0.94	(0.33)
	Indonesia	1.87	(0.04)	1.49	(0.08)	0.37	(0.10)	7.04	(0.09)	5.01	(0.09)	2.03	(0.12)
	Israel	1.63	(0.05)	1.77	(0.09)	-0.14	(0.10)	6.05	(0.11)	5.96	(0.22)	0.10	(0.25)
	Jordan	2.59	(0.04)	a	a	a	a	7.92	(0.09)	a	a	a	a
	Kyrgyzstan	2.34	(0.04)	2.04	(0.08)	0.30	(0.09)	6.87	(0.09)	6.05	(0.39)	0.82	(0.39)
	Latvia	2.02	(0.03)	1.55	(0.12)	0.48	(0.13)	6.63	(0.07)	5.30	(0.27)	1.32	(0.28)
	Liechtenstein	1.24	(0.06)	a	a	a	a	5.21	(0.10)	a	a	a	a
	Lithuania	1.82	(0.03)	c	c	c	c	6.13	(0.06)	c	c	c	c
	Macao-China	1.49	(0.03)	1.57	(0.17)	-0.09	(0.17)	7.87	(0.06)	7.69	(0.36)	0.18	(0.36)
	Montenegro	2.15	(0.05)	1.91	(0.04)	0.25	(0.07)	6.27	(0.11)	5.37	(0.08)	0.90	(0.14)
	Qatar	2.04	(0.02)	a	a	a	a	6.51	(0.06)	a	a	a	a
	Romania	2.33	(0.04)	1.74	(0.05)	0.59	(0.07)	7.50	(0.10)	5.40	(0.17)	2.09	(0.20)
	Russian Federation	1.62	(0.04)	1.14	(0.06)	0.47	(0.05)	4.50	(0.07)	3.73	(0.17)	0.77	(0.17)
	Serbia	1.97	(0.06)	1.60	(0.03)	0.37	(0.07)	6.74	(0.12)	5.46	(0.06)	1.28	(0.14)
	Slovenia	1.55	(0.03)	1.40	(0.02)	0.15	(0.04)	5.83	(0.07)	5.13	(0.05)	0.71	(0.08)
	Chinese Taipei	1.95	(0.03)	1.44	(0.06)	0.51	(0.06)	7.51	(0.07)	5.67	(0.13)	1.84	(0.14)
	Thailand	1.84	(0.03)	0.91	(0.02)	0.93	(0.04)	5.87	(0.05)	2.44	(0.08)	3.43	(0.10)
	Tunisia	2.12	(0.04)	a	a	a	a	7.05	(0.10)	a	a	a	a
Uruguay	1.40	(0.02)	0.98	(0.07)	0.42	(0.07)	4.90	(0.06)	3.61	(0.21)	1.29	(0.22)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12c Mean learning hours and allocation of total learning time on the language of instruction, by academic and vocational orientation of schools

	Allocation of total learning time on the language of instruction for																		
	Regular school lessons						Out-of-school-time lessons						Individual study						
	Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	65.8	(0.3)	65.4	(0.9)	0.4	(0.9)	9.0	(0.2)	11.4	(0.7)	-2.4	(0.7)	25.2	(0.2)	23.2	(0.6)	1.9	(0.6)
	Austria	57.3	(0.7)	59.0	(0.6)	-1.7	(0.9)	7.7	(0.5)	6.2	(0.3)	1.5	(0.5)	35.0	(0.6)	34.8	(0.5)	0.2	(0.8)
	Belgium	63.9	(0.4)	62.1	(0.5)	1.8	(0.6)	6.7	(0.3)	9.6	(0.4)	-2.9	(0.5)	29.4	(0.4)	28.3	(0.4)	1.1	(0.5)
	Canada	63.3	(0.3)	a	a	a	a	11.4	(0.2)	a	a	a	a	25.2	(0.2)	a	a	a	a
	Czech Republic	70.6	(0.5)	69.9	(0.8)	0.7	(1.0)	9.5	(0.3)	10.3	(0.3)	-0.8	(0.5)	19.9	(0.4)	19.8	(0.7)	0.1	(0.8)
	Denmark	62.3	(0.3)	a	a	a	a	16.0	(0.3)	a	a	a	a	21.6	(0.2)	a	a	a	a
	Finland	71.1	(0.3)	a	a	a	a	6.0	(0.2)	a	a	a	a	22.9	(0.2)	a	a	a	a
	France	62.3	(0.3)	65.4	(1.2)	-3.1	(1.2)	12.6	(0.2)	13.5	(0.8)	-0.9	(0.8)	25.2	(0.3)	21.2	(1.0)	4.0	(0.9)
	Germany	58.6	(0.3)	52.8	(1.9)	5.8	(2.0)	9.7	(0.3)	12.2	(2.9)	-2.5	(3.0)	31.7	(0.3)	35.0	(1.5)	-3.3	(1.5)
	Greece	48.4	(0.5)	55.5	(1.9)	-7.0	(2.0)	27.3	(0.5)	17.4	(1.0)	9.9	(1.2)	24.3	(0.3)	27.2	(1.2)	-2.9	(1.2)
	Hungary	54.5	(0.7)	54.1	(0.5)	0.5	(0.9)	16.9	(0.5)	18.3	(0.4)	-1.4	(0.7)	28.5	(0.5)	27.6	(0.3)	1.0	(0.6)
	Iceland	69.4	(0.3)	c	c	c	c	8.5	(0.2)	c	c	c	c	22.1	(0.2)	c	c	c	c
	Ireland	63.6	(0.4)	67.1	(4.0)	-3.5	(4.0)	9.5	(0.3)	10.1	(2.0)	-0.7	(2.0)	27.0	(0.3)	22.8	(2.9)	4.1	(2.9)
	Italy	54.1	(0.3)	55.7	(0.3)	-1.6	(0.5)	9.5	(0.3)	11.8	(0.3)	-2.2	(0.4)	36.3	(0.3)	32.5	(0.3)	3.8	(0.4)
	Japan	70.7	(0.7)	74.9	(0.8)	-4.2	(1.0)	8.9	(0.4)	8.1	(0.5)	0.8	(0.6)	20.5	(0.5)	17.1	(0.8)	3.4	(0.9)
	Korea	52.1	(0.5)	73.6	(1.1)	-21.5	(1.2)	24.0	(0.3)	10.3	(0.6)	13.7	(0.7)	23.9	(0.4)	16.0	(0.8)	7.9	(0.9)
	Luxembourg	63.4	(0.3)	62.7	(0.9)	0.7	(1.0)	11.4	(0.3)	9.5	(0.6)	1.8	(0.7)	25.3	(0.3)	27.8	(0.8)	-2.5	(0.8)
	Mexico	53.9	(0.5)	55.9	(0.5)	-2.0	(0.7)	14.8	(0.4)	13.5	(0.3)	1.3	(0.5)	31.3	(0.3)	30.6	(0.3)	0.7	(0.4)
	Netherlands	60.8	(0.5)	57.7	(1.0)	3.1	(1.2)	10.6	(0.3)	16.2	(0.7)	-5.6	(0.8)	28.6	(0.4)	26.1	(0.7)	2.5	(0.8)
	New Zealand	69.6	(0.4)	a	a	a	a	8.5	(0.3)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Norway	62.2	(0.4)	a	a	a	a	15.9	(0.3)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Poland	62.5	(0.3)	a	a	a	a	10.1	(0.3)	a	a	a	a	27.4	(0.3)	a	a	a	a
	Portugal	58.7	(0.4)	60.0	(0.9)	-1.3	(1.0)	11.9	(0.3)	9.9	(0.8)	2.0	(0.8)	29.5	(0.4)	30.2	(0.8)	-0.7	(0.9)
	Slovak Republic	60.5	(0.6)	60.7	(0.9)	-0.2	(1.1)	13.7	(0.3)	11.1	(0.5)	2.6	(0.6)	25.8	(0.5)	28.2	(0.6)	-2.4	(0.8)
	Spain	57.7	(0.3)	m	m	m	m	13.1	(0.2)	m	m	m	m	29.3	(0.3)	m	m	m	m
	Sweden	68.1	(0.5)	c	c	c	c	9.9	(0.2)	c	c	c	c	22.0	(0.4)	c	c	c	c
	Switzerland	64.1	(0.4)	56.2	(0.9)	7.9	(1.0)	9.6	(0.3)	9.9	(1.0)	-0.3	(1.0)	26.3	(0.2)	33.9	(1.0)	-7.6	(1.0)
	Turkey	49.7	(0.5)	52.3	(0.7)	-2.6	(0.9)	23.9	(0.5)	20.9	(0.7)	3.0	(0.8)	26.4	(0.4)	26.8	(0.5)	-0.4	(0.7)
United Kingdom	67.1	(0.3)	a	a	a	a	8.9	(0.2)	a	a	a	a	24.0	(0.2)	a	a	a	a	
United States	55.4	(0.5)	a	a	a	a	15.4	(0.4)	a	a	a	a	29.2	(0.3)	a	a	a	a	
OECD average	61.4	(0.1)	61.1	(0.3)	-1.5	(0.3)	12.4	(0.1)	12.1	(0.2)	0.9	(0.2)	26.3	(0.1)	26.8	(0.2)	0.6	(0.2)	
Partners	Argentina	55.1	(0.6)	49.6	(3.5)	5.5	(3.6)	12.3	(0.5)	14.5	(2.0)	-2.2	(2.1)	32.6	(0.4)	35.9	(2.2)	-3.3	(2.2)
	Azerbaijan	47.1	(0.5)	50.5	(9.2)	-3.4	(9.2)	18.6	(0.4)	21.3	(5.4)	-2.8	(5.5)	34.3	(0.5)	28.2	(3.9)	6.2	(3.9)
	Brazil	54.4	(0.5)	a	a	a	a	17.3	(0.4)	a	a	a	a	28.3	(0.4)	a	a	a	a
	Bulgaria	51.7	(0.7)	50.7	(0.9)	1.0	(1.1)	15.5	(0.6)	17.4	(0.8)	-1.8	(1.0)	32.8	(0.6)	32.0	(0.6)	0.8	(0.8)
	Chile	56.8	(0.5)	59.0	(2.4)	-2.2	(2.5)	15.2	(0.3)	12.7	(2.4)	2.5	(2.4)	28.0	(0.4)	28.3	(1.9)	-0.3	(1.9)
	Colombia	60.5	(0.6)	62.1	(1.0)	-1.6	(1.0)	14.5	(0.4)	13.0	(0.7)	1.5	(0.8)	25.1	(0.4)	24.9	(0.7)	0.2	(0.7)
	Croatia	59.1	(0.7)	58.0	(0.6)	1.0	(0.9)	10.1	(0.5)	12.0	(0.4)	-1.9	(0.7)	30.8	(0.7)	30.0	(0.5)	0.8	(0.8)
	Estonia	62.2	(0.4)	a	a	a	a	12.3	(0.3)	a	a	a	a	25.5	(0.3)	a	a	a	a
	Hong Kong-China	62.2	(0.4)	68.0	(2.3)	-5.8	(2.3)	14.0	(0.3)	14.4	(0.9)	-0.4	(1.0)	23.8	(0.3)	17.6	(1.6)	6.2	(1.6)
	Indonesia	55.7	(0.5)	64.1	(1.5)	-8.5	(1.6)	17.4	(0.4)	11.2	(0.8)	6.2	(0.9)	26.9	(0.3)	24.7	(0.9)	2.2	(1.0)
	Israel	52.2	(0.7)	47.2	(1.6)	5.0	(1.7)	22.8	(0.3)	24.9	(0.8)	-2.1	(0.9)	25.0	(0.5)	27.9	(1.1)	-2.9	(1.2)
	Jordan	43.2	(0.5)	a	a	a	a	22.3	(0.5)	a	a	a	a	34.5	(0.4)	a	a	a	a
	Kyrgyzstan	41.8	(0.5)	52.3	(2.1)	-10.5	(2.1)	24.1	(0.5)	21.8	(2.5)	2.3	(2.5)	34.1	(0.4)	25.8	(1.7)	8.3	(1.7)
	Latvia	58.0	(0.4)	64.1	(1.8)	-6.1	(1.9)	13.4	(0.4)	11.2	(1.4)	2.2	(1.5)	28.6	(0.3)	24.7	(1.5)	3.9	(1.5)
	Liechtenstein	66.7	(1.2)	a	a	a	a	8.5	(0.6)	a	a	a	a	24.8	(1.0)	a	a	a	a
	Lithuania	60.7	(0.4)	c	c	c	c	11.5	(0.3)	c	c	c	c	27.8	(0.3)	c	c	c	c
	Macao-China	66.2	(0.4)	69.7	(1.6)	-3.5	(1.6)	11.9	(0.2)	7.8	(1.1)	4.1	(1.1)	21.9	(0.3)	22.5	(1.5)	-0.6	(1.5)
	Montenegro	55.9	(0.6)	50.7	(0.5)	5.3	(0.8)	11.2	(0.5)	14.6	(0.4)	-3.4	(0.7)	32.9	(0.6)	34.7	(0.5)	-1.8	(0.8)
	Qatar	43.3	(0.3)	a	a	a	a	25.2	(0.3)	a	a	a	a	31.6	(0.3)	a	a	a	a
	Romania	50.8	(0.7)	45.1	(1.0)	5.8	(1.3)	18.7	(0.4)	23.1	(0.8)	-4.4	(0.9)	30.4	(0.5)	31.8	(0.5)	-1.4	(0.7)
	Russian Federation	53.3	(0.6)	57.8	(1.9)	-4.5	(2.0)	15.7	(0.7)	15.8	(1.2)	-0.2	(1.4)	31.0	(0.4)	26.3	(1.3)	4.7	(1.3)
	Serbia	59.0	(0.8)	59.4	(0.6)	-0.3	(1.0)	12.3	(0.4)	13.2	(0.3)	-0.9	(0.5)	28.6	(0.7)	27.4	(0.4)	1.2	(0.9)
	Slovenia	57.8	(0.5)	53.4	(0.5)	4.4	(0.7)	11.7	(0.3)	17.0	(0.3)	-5.3	(0.5)	30.5	(0.5)	29.6	(0.4)	0.9	(0.6)
	Chinese Taipei	57.1	(0.4)	64.7	(0.8)	-7.6	(0.9)	19.4	(0.3)	12.2	(0.5)	7.2	(0.5)	23.5	(0.2)	23.1	(0.5)	0.4	(0.6)
	Thailand	62.5	(0.4)	68.5	(1.0)	-6.0	(1.1)	11.8	(0.3)	3.8	(0.4)	8.1	(0.5)	25.7	(0.3)	27.7	(0.9)	-2.1	(0.9)
	Tunisia	41.7	(0.4)	a	a	a	a	27.1	(0.3)	a	a	a	a	31.2	(0.3)	a	a	a	a
	Uruguay	60.5	(0.4)	63.1	(1.8)	-2.6	(1.9)	12.5	(0.4)	11.4	(1.1)	1.2	(1.2)	27.0	(0.3)	25.6	(1.3)	1.4	(1.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.12d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools

	Mean learning hours per week																
	Regular school lessons								Out-of-school-time lessons								
	Academic schools		Vocational schools		Difference (academic-vocational)		Difference after accounting for ESCS and school average ESCS (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Difference after accounting for ESCS and school average ESCS (academic-vocational)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	11.63	(0.07)	9.43	(0.20)	2.20	(0.21)	1.80	(0.22)	1.75	(0.04)	1.90	(0.11)	-0.16	(0.11)	-0.10	(0.12)
	Austria	9.80	(0.12)	8.04	(0.11)	1.76	(0.16)	1.19	(0.22)	0.98	(0.08)	0.93	(0.04)	0.05	(0.09)	0.45	(0.13)
	Belgium	11.73	(0.09)	7.17	(0.10)	4.55	(0.14)	4.09	(0.15)	1.25	(0.05)	1.39	(0.06)	-0.14	(0.08)	0.19	(0.09)
	Canada	12.93	(0.11)	a	a	a	a	a	a	2.35	(0.05)	a	a	a	a	a	a
	Czech Republic	11.52	(0.10)	9.40	(0.17)	2.13	(0.20)	1.85	(0.20)	1.95	(0.05)	1.80	(0.08)	0.15	(0.09)	0.20	(0.09)
	Denmark	13.16	(0.07)	a	a	a	a	a	a	3.83	(0.07)	a	a	a	a	a	a
	Finland	9.71	(0.11)	a	a	a	a	a	a	1.06	(0.04)	a	a	a	a	a	a
	France	11.06	(0.10)	7.32	(0.22)	3.74	(0.25)	2.69	(0.24)	2.28	(0.05)	1.92	(0.14)	0.36	(0.15)	0.57	(0.16)
	Germany	10.70	(0.08)	7.25	(0.70)	3.45	(0.72)	3.13	(0.66)	1.92	(0.06)	1.79	(0.59)	0.13	(0.60)	0.59	(0.70)
	Greece	10.37	(0.10)	6.27	(0.16)	4.09	(0.19)	3.20	(0.25)	6.21	(0.11)	3.52	(0.27)	2.69	(0.30)	2.34	(0.35)
	Hungary	9.65	(0.18)	8.49	(0.12)	1.16	(0.21)	0.23	(0.23)	3.65	(0.12)	3.55	(0.08)	0.10	(0.15)	0.41	(0.16)
	Iceland	12.25	(0.06)	c	c	c	c	c	c	1.46	(0.04)	c	c	c	c	c	c
	Ireland	9.78	(0.08)	7.46	(0.64)	2.32	(0.64)	2.12	(0.64)	1.65	(0.05)	1.68	(0.43)	-0.03	(0.43)	0.07	(0.43)
	Italy	11.69	(0.16)	10.94	(0.09)	0.75	(0.19)	-0.09	(0.30)	2.00	(0.05)	2.45	(0.06)	-0.45	(0.08)	-0.19	(0.12)
	Japan	11.69	(0.15)	7.88	(0.20)	3.81	(0.25)	2.55	(0.30)	1.48	(0.07)	1.15	(0.08)	0.33	(0.10)	0.27	(0.11)
	Korea	13.51	(0.12)	10.20	(0.28)	3.31	(0.30)	3.05	(0.39)	5.69	(0.10)	1.62	(0.14)	4.07	(0.17)	2.86	(0.25)
	Luxembourg	9.92	(0.06)	8.28	(0.15)	1.64	(0.16)	1.38	(0.17)	1.99	(0.04)	1.50	(0.10)	0.49	(0.11)	0.76	(0.12)
	Mexico	10.97	(0.12)	10.55	(0.12)	0.42	(0.17)	0.41	(0.17)	3.43	(0.11)	2.95	(0.05)	0.48	(0.12)	0.49	(0.11)
	Netherlands	8.54	(0.08)	6.55	(0.12)	1.99	(0.15)	1.61	(0.18)	1.72	(0.06)	2.28	(0.10)	-0.56	(0.13)	-0.01	(0.15)
	New Zealand	12.84	(0.09)	a	a	a	a	a	a	1.74	(0.06)	a	a	a	a	a	a
	Norway	9.63	(0.08)	a	a	a	a	a	a	3.13	(0.05)	a	a	a	a	a	a
	Poland	11.71	(0.09)	a	a	a	a	a	a	2.11	(0.05)	a	a	a	a	a	a
	Portugal	10.14	(0.10)	9.75	(0.27)	0.39	(0.27)	0.40	(0.26)	2.04	(0.05)	1.69	(0.13)	0.35	(0.13)	0.29	(0.13)
	Slovak Republic	10.63	(0.16)	6.63	(0.14)	4.00	(0.22)	3.74	(0.23)	2.90	(0.07)	1.76	(0.10)	1.14	(0.12)	1.03	(0.12)
	Spain	10.15	(0.09)	a	a	a	a	a	a	2.24	(0.05)	a	a	a	a	a	a
	Sweden	9.02	(0.07)	c	c	c	c	c	c	1.79	(0.04)	c	c	c	c	c	c
	Switzerland	10.17	(0.07)	5.82	(0.33)	4.35	(0.34)	4.26	(0.33)	1.61	(0.05)	1.10	(0.18)	0.51	(0.19)	0.55	(0.18)
	Turkey	12.14	(0.19)	8.54	(0.23)	3.60	(0.30)	2.87	(0.31)	6.01	(0.10)	4.10	(0.11)	1.91	(0.15)	1.71	(0.18)
	United Kingdom	11.92	(0.09)	a	a	a	a	a	a	1.70	(0.05)	a	a	a	a	a	a
	United States	10.94	(0.13)	a	a	a	a	a	a	3.04	(0.07)	a	a	a	a	a	a
	OECD average	11.00	(0.02)	8.21	(0.06)	2.61	(0.07)	1.57	(0.07)	2.50	(0.01)	2.06	(0.05)	0.60	(0.05)	0.46	(0.04)
Partners	Argentina	7.63	(0.16)	6.85	(0.93)	0.78	(0.94)	0.38	(0.84)	1.65	(0.07)	2.07	(0.47)	-0.42	(0.47)	-0.35	(0.48)
	Azerbaijan	10.41	(0.12)	6.84	(1.06)	3.57	(1.08)	3.21	(1.14)	4.87	(0.10)	4.41	(1.15)	0.46	(1.16)	0.42	(1.15)
	Brazil	8.46	(0.09)	a	a	a	a	a	a	3.15	(0.07)	a	a	a	a	a	a
	Bulgaria	9.28	(0.24)	7.73	(0.19)	1.55	(0.30)	1.03	(0.26)	3.19	(0.11)	3.21	(0.12)	-0.02	(0.16)	0.01	(0.16)
	Chile	9.38	(0.17)	5.84	(0.30)	3.54	(0.33)	2.69	(0.34)	2.84	(0.06)	1.67	(0.20)	1.17	(0.21)	1.30	(0.21)
	Colombia	11.66	(0.16)	11.67	(0.65)	-0.01	(0.63)	0.09	(0.61)	3.31	(0.08)	3.34	(0.18)	-0.03	(0.20)	-0.03	(0.19)
	Croatia	10.35	(0.13)	7.66	(0.10)	2.69	(0.16)	2.38	(0.21)	1.54	(0.08)	1.59	(0.06)	-0.05	(0.10)	-0.02	(0.14)
	Estonia	10.95	(0.09)	a	a	a	a	a	a	2.63	(0.07)	a	a	a	a	a	a
	Hong Kong-China	13.79	(0.11)	10.72	(0.36)	3.07	(0.38)	2.35	(0.36)	3.11	(0.08)	2.73	(0.23)	0.38	(0.25)	0.40	(0.26)
	Indonesia	11.30	(0.15)	9.41	(0.81)	1.88	(0.78)	1.93	(0.62)	3.94	(0.10)	2.32	(0.16)	1.62	(0.19)	1.64	(0.20)
	Israel	9.77	(0.12)	8.61	(0.28)	1.16	(0.32)	0.92	(0.32)	4.39	(0.09)	4.67	(0.21)	-0.28	(0.23)	-0.13	(0.23)
	Jordan	10.36	(0.14)	a	a	a	a	a	a	5.10	(0.10)	a	a	a	a	a	a
	Kyrgyzstan	7.80	(0.16)	7.76	(0.70)	0.04	(0.72)	1.59	(1.05)	4.61	(0.09)	3.93	(0.30)	0.68	(0.30)	0.11	(0.37)
	Latvia	11.05	(0.11)	11.27	(0.36)	-0.22	(0.36)	-0.04	(0.37)	2.74	(0.08)	2.04	(0.16)	0.70	(0.18)	0.72	(0.17)
	Liechtenstein	10.23	(0.19)	a	a	a	a	a	a	1.37	(0.10)	a	a	a	a	a	a
	Lithuania	9.86	(0.10)	c	c	c	c	c	c	1.93	(0.05)	c	c	c	c	c	c
	Macao-China	14.47	(0.07)	13.65	(0.40)	0.82	(0.40)	0.53	(0.41)	3.27	(0.07)	2.40	(0.34)	0.87	(0.34)	0.83	(0.35)
	Montenegro	10.84	(0.14)	7.92	(0.11)	2.91	(0.16)	2.58	(0.23)	2.41	(0.10)	2.81	(0.06)	-0.40	(0.12)	-0.31	(0.13)
	Qatar	8.68	(0.08)	a	a	a	a	a	a	4.90	(0.07)	a	a	a	a	a	a
	Romania	9.35	(0.17)	5.98	(0.17)	3.37	(0.23)	2.55	(0.30)	4.03	(0.08)	4.05	(0.15)	-0.02	(0.17)	-0.01	(0.21)
	Russian Federation	9.59	(0.15)	8.26	(0.36)	1.34	(0.41)	1.22	(0.39)	3.12	(0.08)	2.76	(0.21)	0.36	(0.23)	0.39	(0.23)
	Serbia	11.71	(0.15)	8.46	(0.11)	3.25	(0.18)	2.50	(0.29)	2.78	(0.11)	2.62	(0.07)	0.16	(0.13)	0.45	(0.17)
	Slovenia	11.23	(0.12)	7.61	(0.07)	3.62	(0.14)	2.35	(0.20)	2.25	(0.07)	2.69	(0.05)	-0.44	(0.09)	0.08	(0.20)
	Chinese Taipei	13.12	(0.12)	8.54	(0.20)	4.58	(0.23)	3.41	(0.24)	3.65	(0.07)	1.82	(0.09)	1.83	(0.11)	1.57	(0.13)
	Thailand	11.52	(0.07)	5.90	(0.13)	5.63	(0.15)	5.58	(0.17)	2.72	(0.08)	0.54	(0.08)	2.18	(0.11)	2.14	(0.11)
	Tunisia	9.17	(0.12)	a	a	a	a	a	a	6.10	(0.06)	a	a	a	a	a	a
	Uruguay	8.70	(0.09)	6.83	(0.29)	1.87	(0.30)	1.56	(0.27)	2.12	(0.06)	1.79	(0.17)	0.33	(0.17)	0.42	(0.17)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.12d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools

		Mean learning hours per week													
		Individual study						Total learning hours							
		Academic schools		Vocational schools		Difference (academic-vocational)		Difference after accounting for ESCS and school average ESCS (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.77	(0.06)	3.86	(0.11)	0.91	(0.13)	0.56	(0.12)	18.16	(0.13)	15.16	(0.32)	3.01	(0.35)
	Austria	5.48	(0.14)	4.73	(0.09)	0.75	(0.16)	1.31	(0.19)	16.30	(0.20)	13.74	(0.20)	2.56	(0.28)
	Belgium	5.19	(0.08)	3.41	(0.07)	1.79	(0.10)	1.48	(0.12)	18.13	(0.14)	12.04	(0.18)	6.10	(0.22)
	Canada	5.26	(0.07)	a	a	a	a	a	a	20.63	(0.17)	a	a	a	a
	Czech Republic	3.67	(0.07)	3.18	(0.08)	0.48	(0.11)	0.47	(0.11)	17.12	(0.16)	14.35	(0.23)	2.77	(0.28)
	Denmark	5.00	(0.06)	a	a	a	a	a	a	21.94	(0.15)	a	a	a	a
	Finland	3.41	(0.05)	a	a	a	a	a	a	14.16	(0.16)	a	a	a	a
	France	4.74	(0.07)	2.78	(0.18)	1.96	(0.18)	1.41	(0.21)	18.11	(0.15)	12.02	(0.39)	6.09	(0.41)
	Germany	5.90	(0.08)	4.76	(0.54)	1.15	(0.55)	1.21	(0.57)	18.56	(0.14)	13.92	(1.48)	4.65	(1.49)
	Greece	5.99	(0.09)	4.50	(0.31)	1.49	(0.32)	1.12	(0.34)	22.56	(0.22)	14.39	(0.57)	8.17	(0.64)
	Hungary	5.72	(0.13)	4.97	(0.11)	0.75	(0.18)	0.58	(0.21)	19.00	(0.33)	17.05	(0.26)	1.95	(0.43)
	Iceland	4.42	(0.05)	c	c	c	c	c	c	18.14	(0.09)	c	c	c	c
	Ireland	4.72	(0.08)	3.64	(0.59)	1.08	(0.59)	0.83	(0.58)	16.11	(0.15)	13.13	(1.13)	2.99	(1.13)
	Italy	8.69	(0.14)	6.61	(0.08)	2.08	(0.16)	1.59	(0.21)	22.38	(0.31)	20.02	(0.18)	2.35	(0.36)
	Japan	3.48	(0.12)	1.98	(0.08)	1.50	(0.15)	0.71	(0.15)	16.64	(0.27)	11.02	(0.27)	5.62	(0.39)
	Korea	5.70	(0.15)	2.41	(0.12)	3.28	(0.19)	1.95	(0.24)	24.91	(0.29)	14.32	(0.43)	10.59	(0.52)
	Luxembourg	4.37	(0.05)	3.99	(0.13)	0.38	(0.14)	0.53	(0.15)	16.31	(0.10)	13.72	(0.27)	2.59	(0.28)
	Mexico	6.48	(0.11)	6.28	(0.07)	0.20	(0.13)	0.21	(0.13)	20.74	(0.27)	19.72	(0.15)	1.02	(0.32)
	Netherlands	4.21	(0.07)	3.44	(0.13)	0.77	(0.15)	0.66	(0.18)	14.44	(0.15)	12.27	(0.30)	2.17	(0.36)
	New Zealand	4.42	(0.07)	a	a	a	a	a	a	19.02	(0.14)	a	a	a	a
Norway	4.06	(0.06)	a	a	a	a	a	a	16.79	(0.12)	a	a	a	a	
Poland	6.34	(0.07)	a	a	a	a	a	a	20.19	(0.14)	a	a	a	a	
Portugal	5.92	(0.09)	5.34	(0.24)	0.58	(0.27)	0.52	(0.26)	18.12	(0.17)	16.80	(0.52)	1.32	(0.56)	
Slovak Republic	5.34	(0.11)	4.12	(0.12)	1.22	(0.17)	1.00	(0.16)	18.92	(0.25)	12.52	(0.28)	6.40	(0.38)	
Spain	5.58	(0.08)	a	a	a	a	a	a	18.08	(0.16)	a	a	a	a	
Sweden	3.59	(0.05)	c	c	c	c	c	c	14.39	(0.12)	c	c	c	c	
Switzerland	4.27	(0.04)	3.20	(0.19)	1.07	(0.19)	1.07	(0.19)	16.07	(0.11)	10.14	(0.64)	5.93	(0.64)	
Turkey	6.78	(0.12)	5.14	(0.12)	1.64	(0.17)	1.55	(0.18)	24.86	(0.34)	17.65	(0.41)	7.20	(0.54)	
United Kingdom	4.52	(0.06)	a	a	a	a	a	a	18.16	(0.14)	a	a	a	a	
United States	5.59	(0.07)	a	a	a	a	a	a	19.69	(0.15)	a	a	a	a	
OECD average	5.12	(0.02)	4.12	(0.05)	1.21	(0.06)	0.68	(0.05)	18.62	(0.04)	14.42	(0.12)	4.39	(0.13)	
Partners	Argentina	5.03	(0.10)	5.20	(0.62)	-0.16	(0.61)	-0.21	(0.61)	14.32	(0.23)	14.18	(1.76)	0.14	(1.73)
	Azerbaijan	8.74	(0.13)	5.02	(1.07)	3.72	(1.08)	3.64	(1.10)	24.18	(0.27)	15.91	(2.50)	8.27	(2.51)
	Brazil	5.21	0.03	a	a	a	a	a	a	16.78	(0.17)	a	a	a	a
	Bulgaria	6.67	(0.22)	5.57	(0.17)	1.10	(0.26)	0.69	(0.23)	19.18	(0.47)	16.63	(0.34)	2.54	(0.52)
	Chile	4.74	(0.08)	3.04	(0.20)	1.69	(0.22)	1.67	(0.22)	17.05	(0.23)	10.59	(0.53)	6.46	(0.60)
	Colombia	5.47	(0.10)	6.10	(0.30)	-0.63	(0.33)	-0.62	(0.32)	20.43	(0.22)	21.12	(1.01)	-0.69	(1.01)
	Croatia	6.21	(0.11)	4.31	(0.08)	1.90	(0.13)	2.05	(0.18)	18.14	(0.20)	13.65	(0.18)	4.49	(0.27)
	Estonia	5.11	(0.06)	a	a	a	a	a	a	18.71	(0.14)	a	a	a	a
	Hong Kong-China	5.48	(0.09)	3.46	(0.24)	2.01	(0.26)	1.39	(0.26)	22.36	(0.20)	17.01	(0.74)	5.35	(0.77)
	Indonesia	5.83	(0.09)	4.40	(0.11)	1.43	(0.16)	1.43	(0.16)	21.01	(0.27)	16.12	(0.66)	4.89	(0.62)
	Israel	5.31	(0.13)	5.48	(0.23)	-0.18	(0.28)	0.03	(0.27)	19.49	(0.27)	19.17	(0.61)	0.32	(0.68)
	Jordan	7.90	(0.11)	a	a	a	a	a	a	23.35	(0.22)	a	a	a	a
	Kyrgyzstan	6.73	(0.09)	5.41	(0.26)	1.31	(0.26)	1.20	(0.25)	19.29	(0.25)	17.26	(0.94)	2.03	(0.96)
	Latvia	6.28	(0.08)	5.40	(0.33)	0.87	(0.34)	0.96	(0.34)	20.08	(0.19)	18.60	(0.65)	1.48	(0.67)
	Liechtenstein	3.93	(0.15)	a	a	a	a	a	a	15.51	(0.23)	a	a	a	a
	Lithuania	5.28	(0.07)	c	c	c	c	c	c	17.05	(0.14)	c	c	c	c
	Macao-China	4.93	(0.07)	4.70	(0.42)	0.23	(0.42)	-0.77	(0.43)	22.66	(0.15)	20.63	(0.79)	2.03	(0.79)
	Montenegro	7.06	(0.13)	5.79	(0.10)	1.27	(0.17)	1.27	(0.22)	20.23	(0.26)	16.48	(0.21)	3.75	(0.34)
	Qatar	6.27	(0.06)	a	a	a	a	a	a	19.89	(0.16)	a	a	a	a
	Romania	6.24	(0.11)	5.03	(0.16)	1.22	(0.20)	0.74	(0.21)	19.63	(0.27)	15.01	(0.41)	4.62	(0.50)
Russian Federation	6.93	(0.13)	4.85	(0.30)	2.09	(0.31)	2.02	(0.29)	19.63	(0.25)	15.91	(0.68)	3.72	(0.72)	
Serbia	6.50	(0.16)	4.76	(0.07)	1.74	(0.18)	1.35	(0.25)	21.01	(0.31)	15.81	(0.17)	5.20	(0.36)	
Slovenia	5.53	(0.08)	4.37	(0.06)	1.16	(0.10)	1.15	(0.14)	19.00	(0.20)	14.74	(0.13)	4.26	(0.23)	
Chinese Taipei	5.65	(0.09)	3.48	(0.14)	2.17	(0.17)	1.38	(0.17)	22.55	(0.22)	13.94	(0.37)	8.60	(0.43)	
Thailand	5.76	(0.09)	2.75	(0.05)	3.02	(0.10)	3.00	(0.11)	19.99	(0.16)	9.19	(0.20)	10.79	(0.26)	
Tunisia	7.29	(0.08)	a	a	a	a	a	a	22.60	(0.21)	a	a	a	a	
Uruguay	4.36	(0.06)	3.23	(0.19)	1.13	(0.20)	1.04	(0.20)	15.20	(0.14)	11.94	(0.40)	3.26	(0.41)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.12d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by academic and vocational orientation of schools

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	67.2	(0.3)	65.6	(0.8)	1.6	(0.8)	8.0	(0.2)	10.6	(0.6)	-2.5	(0.6)	24.8	(0.2)	23.8	(0.5)	0.9	(0.5)
	Austria	66.8	(0.8)	65.0	(0.5)	1.8	(1.0)	2.2	(0.3)	3.8	(0.3)	-1.6	(0.4)	31.0	(0.8)	31.2	(0.5)	-0.2	(0.9)
	Belgium	69.4	(0.3)	64.5	(0.5)	5.0	(0.6)	5.2	(0.3)	9.4	(0.4)	-4.2	(0.5)	25.3	(0.3)	26.1	(0.4)	-0.8	(0.5)
	Canada	65.6	(0.3)	a	a	a	a	10.8	(0.2)	a	a	a	a	23.6	(0.2)	a	a	a	a
	Czech Republic	72.0	(0.5)	71.0	(0.8)	1.1	(1.0)	8.7	(0.2)	9.4	(0.3)	-0.6	(0.4)	19.2	(0.4)	19.6	(0.7)	-0.4	(0.8)
	Denmark	62.2	(0.3)	a	a	a	a	16.0	(0.2)	a	a	a	a	21.9	(0.2)	a	a	a	a
	Finland	70.7	(0.4)	a	a	a	a	6.2	(0.2)	a	a	a	a	23.1	(0.3)	a	a	a	a
	France	66.8	(0.4)	68.4	(1.6)	-1.6	(1.7)	10.5	(0.3)	12.3	(1.0)	-1.8	(1.1)	22.7	(0.3)	19.3	(1.0)	3.3	(1.0)
	Germany	62.3	(0.4)	60.9	(1.7)	1.5	(1.8)	7.9	(0.3)	9.2	(2.0)	-1.3	(2.1)	29.8	(0.3)	29.9	(1.8)	-0.1	(1.8)
	Greece	51.5	(0.5)	47.5	(2.2)	4.0	(2.3)	21.4	(0.4)	22.8	(1.1)	-1.4	(1.2)	27.1	(0.3)	29.7	(1.3)	-2.6	(1.3)
	Hungary	53.6	(0.7)	52.9	(0.5)	0.7	(0.9)	17.6	(0.6)	18.8	(0.4)	-1.3	(0.8)	28.8	(0.4)	28.3	(0.4)	0.6	(0.6)
	Iceland	71.8	(0.3)	c	c	c	c	6.0	(0.2)	c	c	c	c	22.2	(0.2)	c	c	c	c
	Ireland	64.3	(0.4)	64.8	(4.3)	-0.6	(4.3)	8.1	(0.3)	10.9	(2.3)	-2.8	(2.3)	27.6	(0.3)	24.3	(3.0)	3.3	(3.0)
	Italy	56.7	(0.4)	57.6	(0.4)	-0.8	(0.6)	5.9	(0.2)	10.2	(0.3)	-4.3	(0.4)	37.4	(0.3)	32.2	(0.2)	5.2	(0.4)
	Japan	78.0	(0.5)	78.6	(1.0)	-0.6	(1.1)	6.0	(0.3)	7.1	(0.5)	-1.1	(0.6)	16.0	(0.4)	14.3	(0.8)	1.7	(0.9)
	Korea	63.0	(0.5)	78.1	(1.0)	-15.1	(1.1)	18.8	(0.5)	8.3	(0.7)	10.6	(0.9)	18.2	(0.3)	13.7	(0.5)	4.5	(0.6)
	Luxembourg	67.3	(0.3)	67.3	(1.0)	-0.0	(1.1)	9.1	(0.2)	6.8	(0.7)	2.3	(0.6)	23.6	(0.3)	25.9	(0.8)	-2.3	(0.9)
	Mexico	54.6	(0.5)	56.1	(0.4)	-1.6	(0.6)	15.1	(0.5)	13.6	(0.3)	1.5	(0.5)	30.4	(0.4)	30.3	(0.3)	0.1	(0.5)
	Netherlands	64.4	(0.5)	59.5	(1.0)	4.9	(1.2)	9.0	(0.3)	15.5	(0.6)	-6.5	(0.7)	26.6	(0.4)	25.0	(0.6)	1.6	(0.7)
	New Zealand	70.2	(0.4)	a	a	a	a	8.0	(0.3)	a	a	a	a	21.9	(0.3)	a	a	a	a
	Norway	62.2	(0.5)	a	a	a	a	16.4	(0.3)	a	a	a	a	21.4	(0.3)	a	a	a	a
Poland	63.5	(0.3)	a	a	a	a	8.5	(0.3)	a	a	a	a	27.9	(0.3)	a	a	a	a	
Portugal	60.6	(0.5)	63.5	(0.9)	-3.0	(1.0)	9.0	(0.3)	7.1	(0.8)	1.9	(0.8)	30.4	(0.4)	29.4	(0.8)	1.0	(0.9)	
Slovak Republic	60.5	(0.6)	57.0	(0.9)	3.4	(1.1)	13.6	(0.3)	11.5	(0.5)	2.1	(0.6)	25.9	(0.5)	31.4	(0.7)	-5.5	(0.9)	
Spain	62.7	(0.3)	a	a	a	a	8.1	(0.3)	a	a	a	a	29.2	(0.3)	a	a	a	a	
Sweden	66.7	(0.5)	c	c	c	c	10.3	(0.2)	c	c	c	c	23.0	(0.4)	c	c	c	c	
Switzerland	67.8	(0.4)	62.7	(0.7)	5.1	(0.8)	7.1	(0.3)	6.8	(1.0)	0.3	(1.0)	25.1	(0.2)	30.4	(1.2)	-5.3	(1.2)	
Turkey	56.0	(0.9)	52.9	(0.7)	3.1	(1.1)	19.6	(0.5)	20.1	(0.7)	-0.5	(0.8)	24.4	(0.5)	27.0	(0.4)	-2.6	(0.6)	
United Kingdom	67.6	(0.3)	a	a	a	a	7.8	(0.2)	a	a	a	a	24.6	(0.3)	a	a	a	a	
United States	55.8	(0.6)	a	a	a	a	16.0	(0.4)	a	a	a	a	28.2	(0.3)	a	a	a	a	
OECD average	64.1	(0.1)	62.8	(0.3)	0.5	(0.3)	10.6	(0.1)	11.3	(0.2)	-0.6	(0.2)	25.4	(0.1)	25.9	(0.2)	0.1	(0.3)	
Partners	Argentina	55.4	(0.6)	48.5	(3.1)	6.8	(3.2)	7.9	(0.5)	12.8	(3.6)	-4.9	(3.7)	36.7	(0.5)	38.7	(2.3)	-1.9	(2.3)
	Azerbaijan	44.9	(0.6)	46.1	(8.4)	-1.3	(8.3)	19.2	(0.5)	26.9	(6.0)	-7.6	(6.0)	35.9	(0.5)	27.0	(2.6)	8.9	(2.5)
	Brazil	54.4	(0.4)	a	a	a	a	17.7	(0.4)	a	a	a	a	27.8	(0.3)	a	a	a	a
	Bulgaria	52.8	(0.8)	50.7	(0.8)	2.1	(1.1)	14.2	(0.5)	16.8	(0.7)	-2.6	(0.9)	33.0	(0.6)	32.5	(0.6)	0.5	(0.9)
	Chile	57.2	(0.7)	62.4	(2.0)	-5.2	(2.1)	15.4	(0.5)	8.8	(1.5)	6.7	(1.6)	27.4	(0.4)	28.8	(1.6)	-1.4	(1.7)
	Colombia	60.1	(0.6)	61.2	(1.3)	-1.1	(1.2)	14.8	(0.4)	13.0	(0.7)	1.8	(0.7)	25.2	(0.5)	25.8	(0.7)	-0.7	(0.8)
	Croatia	68.4	(0.7)	66.1	(0.5)	2.2	(0.9)	3.5	(0.3)	6.8	(0.3)	-3.4	(0.4)	28.2	(0.7)	27.0	(0.4)	1.1	(0.8)
	Estonia	61.8	(0.5)	a	a	a	a	13.1	(0.4)	a	a	a	a	25.2	(0.3)	a	a	a	a
	Hong Kong-China	71.1	(0.5)	68.7	(1.3)	2.5	(1.4)	8.8	(0.3)	12.3	(1.0)	-3.5	(1.1)	20.1	(0.3)	19.1	(0.8)	1.0	(0.9)
	Indonesia	56.1	(0.4)	56.8	(2.9)	-0.7	(2.9)	17.4	(0.4)	13.1	(1.1)	4.3	(1.0)	26.4	(0.3)	30.1	(2.0)	-3.6	(2.1)
	Israel	55.2	(0.7)	47.5	(1.5)	7.8	(1.8)	19.4	(0.4)	22.4	(1.2)	-3.0	(1.3)	25.4	(0.5)	30.1	(1.1)	-4.7	(1.2)
	Jordan	44.2	(0.6)	a	a	a	a	22.2	(0.5)	a	a	a	a	33.6	(0.4)	a	a	a	a
	Kyrgyzstan	39.7	(0.5)	47.3	(1.3)	-7.7	(1.4)	26.3	(0.4)	19.1	(1.7)	7.1	(1.7)	34.0	(0.4)	33.5	(1.9)	0.5	(1.9)
	Latvia	59.2	(0.4)	61.5	(1.7)	-2.4	(1.9)	11.5	(0.4)	9.8	(1.5)	1.6	(1.5)	29.4	(0.4)	28.6	(1.8)	0.7	(1.9)
	Liechtenstein	69.8	(1.2)	a	a	a	a	5.6	(0.7)	a	a	a	a	24.6	(0.9)	a	a	a	a
	Lithuania	62.3	(0.4)	c	c	c	c	9.8	(0.3)	c	c	c	c	27.9	(0.3)	c	c	c	c
	Macao-China	71.4	(0.3)	73.0	(2.0)	-1.6	(2.0)	11.2	(0.2)	8.2	(1.2)	2.9	(1.2)	17.4	(0.3)	18.8	(1.2)	-1.3	(1.2)
	Montenegro	57.9	(0.7)	50.6	(0.5)	7.4	(0.9)	8.0	(0.5)	13.2	(0.3)	-5.1	(0.6)	34.1	(0.6)	36.3	(0.5)	-2.2	(0.8)
	Qatar	44.7	(0.3)	a	a	a	a	23.6	(0.3)	a	a	a	a	31.7	(0.3)	a	a	a	a
	Romania	52.8	(0.7)	43.1	(1.1)	9.7	(1.3)	18.0	(0.5)	25.8	(0.8)	-7.8	(0.9)	29.2	(0.4)	31.1	(0.6)	-1.9	(0.7)
	Russian Federation	46.9	(0.5)	57.2	(1.6)	-10.2	(1.5)	16.8	(0.7)	13.6	(1.2)	3.1	(1.5)	36.3	(0.5)	29.2	(1.7)	7.1	(1.7)
Serbia	62.1	(0.8)	59.4	(0.6)	2.7	(1.0)	11.0	(0.6)	13.6	(0.4)	-2.6	(0.7)	26.8	(0.6)	27.0	(0.4)	-0.1	(0.7)	
Slovenia	64.7	(0.5)	57.1	(0.6)	7.6	(0.8)	9.0	(0.3)	15.0	(0.3)	-6.0	(0.4)	26.2	(0.4)	27.9	(0.4)	-1.7	(0.6)	
Chinese Taipei	66.1	(0.4)	66.2	(0.8)	-0.1	(0.9)	8.6	(0.3)	9.6	(0.5)	-1.0	(0.6)	25.4	(0.2)	24.3	(0.5)	1.1	(0.5)	
Thailand	63.6	(0.4)	56.0	(0.8)	7.7	(1.0)	7.8	(0.3)	4.7	(0.4)	3.1	(0.5)	28.5	(0.3)	39.3	(0.9)	-10.8	(1.0)	
Tunisia	45.6	(0.7)	a	a	a	a	23.6	(0.5)	a	a	a	a	30.8	(0.5)	a	a	a	a	
Uruguay	60.7	(0.5)	62.0	(1.4)	-1.3	(1.5)	11.2	(0.4)	12.1	(1.4)	-0.9	(1.4)	28.1	(0.3)	25.9	(1.5)	2.2	(1.5)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/3]
Table 3.13a Mean learning hours and allocation of total learning time in science, by school location

	Mean learning hours per week											
	Regular school lessons						Out-of-school-time lessons					
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD												
Australia	3.04	(0.06)	3.37	(0.04)	-0.33	(0.08)	0.33	(0.01)	0.38	(0.01)	-0.04	(0.02)
Austria	2.37	(0.09)	2.67	(0.13)	-0.30	(0.17)	0.23	(0.02)	0.19	(0.02)	0.04	(0.03)
Belgium	2.56	(0.05)	2.85	(0.15)	-0.29	(0.17)	0.30	(0.01)	0.41	(0.04)	-0.11	(0.04)
Canada	3.97	(0.05)	4.12	(0.08)	-0.15	(0.09)	0.52	(0.02)	0.60	(0.02)	-0.08	(0.03)
Czech Republic	2.82	(0.09)	3.35	(0.22)	-0.53	(0.26)	0.55	(0.02)	0.48	(0.04)	0.06	(0.05)
Denmark	3.20	(0.05)	3.32	(0.14)	-0.12	(0.15)	0.76	(0.02)	0.90	(0.05)	-0.15	(0.06)
Finland	3.10	(0.05)	3.24	(0.11)	-0.14	(0.11)	0.33	(0.01)	0.31	(0.03)	0.02	(0.03)
France	a	a	2.85	(0.05)	a	a	a	a	0.55	(0.02)	a	a
Germany	2.96	(0.06)	3.44	(0.15)	-0.48	(0.18)	0.49	(0.02)	0.56	(0.05)	-0.07	(0.05)
Greece	3.09	(0.08)	3.38	(0.12)	-0.29	(0.16)	2.02	(0.06)	1.95	(0.07)	0.07	(0.10)
Hungary	2.46	(0.07)	2.56	(0.10)	-0.09	(0.13)	1.05	(0.03)	0.94	(0.05)	0.11	(0.06)
Iceland	3.04	(0.03)	2.84	(0.05)	0.20	(0.05)	0.30	(0.02)	0.27	(0.02)	0.03	(0.03)
Ireland	2.57	(0.05)	2.49	(0.09)	0.08	(0.10)	0.34	(0.02)	0.27	(0.02)	0.06	(0.03)
Italy	2.92	(0.06)	2.93	(0.11)	-0.01	(0.12)	0.58	(0.02)	0.56	(0.03)	0.02	(0.04)
Japan	2.46	(0.09)	2.82	(0.07)	-0.36	(0.12)	0.27	(0.02)	0.26	(0.02)	0.01	(0.03)
Korea	3.25	(0.18)	3.64	(0.07)	-0.39	(0.20)	0.66	(0.08)	1.09	(0.05)	-0.43	(0.10)
Luxembourg	2.35	(0.03)	2.17	(0.07)	0.18	(0.07)	0.51	(0.02)	0.43	(0.04)	0.08	(0.04)
Mexico	3.11	(0.06)	3.20	(0.06)	-0.09	(0.09)	1.14	(0.04)	0.88	(0.03)	0.26	(0.05)
Netherlands	2.12	(0.05)	2.32	(0.12)	-0.20	(0.15)	0.53	(0.02)	0.54	(0.03)	-0.01	(0.04)
New Zealand	3.91	(0.07)	4.18	(0.05)	-0.27	(0.09)	0.35	(0.02)	0.46	(0.02)	-0.11	(0.03)
Norway	2.61	(0.03)	2.80	(0.07)	-0.19	(0.08)	0.94	(0.02)	0.94	(0.06)	-0.01	(0.06)
Poland	2.66	(0.04)	2.90	(0.07)	-0.24	(0.08)	0.62	(0.02)	0.63	(0.04)	-0.01	(0.05)
Portugal	3.19	(0.06)	3.27	(0.12)	-0.08	(0.14)	0.63	(0.02)	0.66	(0.04)	-0.03	(0.05)
Slovak Republic	2.40	(0.08)	2.81	(0.34)	-0.41	(0.37)	0.64	(0.03)	0.72	(0.12)	-0.09	(0.13)
Spain	2.97	(0.06)	3.34	(0.08)	-0.37	(0.10)	0.71	(0.03)	0.63	(0.03)	0.08	(0.05)
Sweden	2.79	(0.03)	2.85	(0.07)	-0.06	(0.08)	0.49	(0.01)	0.53	(0.04)	-0.03	(0.04)
Switzerland	2.34	(0.05)	2.59	(0.21)	-0.25	(0.22)	0.40	(0.01)	0.31	(0.04)	0.09	(0.04)
Turkey	2.72	(0.13)	3.01	(0.15)	-0.30	(0.23)	1.26	(0.07)	1.44	(0.09)	-0.17	(0.12)
United Kingdom	4.32	(0.04)	4.17	(0.09)	0.15	(0.10)	0.45	(0.02)	0.54	(0.04)	-0.09	(0.05)
United States	3.62	(0.05)	3.33	(0.11)	0.28	(0.13)	0.73	(0.02)	0.88	(0.04)	-0.16	(0.05)
OECD average	2.93	(0.01)	3.09	(0.02)	-0.17	(0.03)	0.62	(0.01)	0.64	(0.01)	-0.02	(0.01)
Partners												
Argentina	2.16	(0.08)	2.41	(0.10)	-0.25	(0.14)	0.51	(0.03)	0.46	(0.03)	0.05	(0.05)
Azerbaijan	2.80	(0.07)	2.95	(0.08)	-0.15	(0.10)	1.40	(0.04)	1.25	(0.06)	0.15	(0.07)
Brazil	2.14	(0.05)	2.32	(0.06)	-0.18	(0.09)	0.78	(0.03)	0.80	(0.04)	-0.02	(0.05)
Bulgaria	2.48	(0.09)	2.89	(0.15)	-0.41	(0.17)	1.00	(0.04)	0.97	(0.03)	0.02	(0.05)
Chile	2.20	(0.10)	2.40	(0.07)	-0.20	(0.13)	0.91	(0.03)	0.77	(0.02)	0.13	(0.04)
Colombia	3.60	(0.19)	3.41	(0.08)	0.19	(0.21)	1.00	(0.06)	0.88	(0.03)	0.12	(0.07)
Croatia	1.92	(0.05)	2.18	(0.08)	-0.26	(0.10)	0.41	(0.02)	0.47	(0.03)	-0.06	(0.04)
Estonia	3.20	(0.05)	3.45	(0.09)	-0.25	(0.10)	0.75	(0.03)	0.80	(0.04)	-0.05	(0.05)
Hong Kong-China	a	a	3.14	(0.05)	a	a	a	a	0.88	(0.03)	a	a
Indonesia	3.16	(0.08)	3.57	(0.20)	-0.42	(0.23)	1.06	(0.04)	1.00	(0.17)	0.06	(0.18)
Israel	2.42	(0.07)	2.48	(0.10)	-0.05	(0.13)	1.04	(0.05)	0.91	(0.04)	0.14	(0.07)
Jordan	3.09	(0.08)	3.47	(0.09)	-0.39	(0.13)	1.53	(0.04)	1.51	(0.06)	0.02	(0.08)
Kyrgyzstan	2.00	(0.07)	2.59	(0.14)	-0.59	(0.16)	1.43	(0.03)	1.01	(0.09)	0.42	(0.09)
Latvia	2.76	(0.06)	3.08	(0.12)	-0.32	(0.13)	0.64	(0.02)	0.67	(0.04)	-0.03	(0.05)
Liechtenstein	2.61	(0.08)	a	a	a	a	0.49	(0.06)	a	a	a	a
Lithuania	2.63	(0.04)	2.79	(0.06)	-0.16	(0.07)	0.61	(0.02)	0.50	(0.02)	0.10	(0.03)
Macao-China	3.42	(0.07)	3.81	(0.04)	-0.39	(0.08)	1.07	(0.05)	0.98	(0.03)	0.08	(0.06)
Montenegro	2.79	(0.05)	2.90	(0.07)	-0.11	(0.08)	1.08	(0.03)	1.00	(0.05)	0.08	(0.05)
Qatar	2.58	(0.04)	2.96	(0.06)	-0.37	(0.07)	1.50	(0.03)	1.43	(0.04)	0.07	(0.05)
Romania	2.15	(0.08)	2.37	(0.12)	-0.22	(0.17)	1.07	(0.04)	0.98	(0.03)	0.09	(0.05)
Russian Federation	3.69	(0.11)	3.78	(0.09)	-0.09	(0.12)	1.17	(0.04)	1.06	(0.05)	0.11	(0.07)
Serbia	2.72	(0.08)	3.07	(0.11)	-0.35	(0.15)	0.80	(0.03)	0.76	(0.03)	0.04	(0.04)
Slovenia	2.77	(0.03)	2.91	(0.05)	-0.14	(0.06)	0.77	(0.03)	0.62	(0.03)	0.16	(0.04)
Chinese Taipei	2.83	(0.12)	2.93	(0.09)	-0.09	(0.18)	0.62	(0.04)	0.86	(0.04)	-0.24	(0.07)
Thailand	3.71	(0.06)	4.10	(0.15)	-0.39	(0.19)	0.82	(0.04)	1.18	(0.13)	-0.36	(0.16)
Tunisia	2.58	(0.05)	2.89	(0.22)	-0.31	(0.24)	1.92	(0.03)	2.00	(0.11)	-0.08	(0.12)
Uruguay	2.33	(0.06)	2.51	(0.07)	-0.18	(0.10)	0.63	(0.03)	0.59	(0.03)	0.03	(0.04)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 2/3]
Table 3.13a Mean learning hours and allocation of total learning time in science, by school location

	Mean learning hours per week												
	Individual study						Total learning hours						
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	0.99	(0.02)	1.30	(0.03)	-0.31	(0.04)	4.36	(0.08)	5.04	(0.07)	-0.67	(0.12)
	Austria	1.27	(0.04)	1.29	(0.05)	-0.02	(0.06)	3.87	(0.12)	4.15	(0.16)	-0.28	(0.21)
	Belgium	1.23	(0.03)	1.35	(0.06)	-0.12	(0.07)	4.09	(0.08)	4.61	(0.20)	-0.52	(0.23)
	Canada	1.40	(0.03)	1.80	(0.05)	-0.40	(0.06)	5.91	(0.08)	6.52	(0.11)	-0.61	(0.15)
	Czech Republic	1.01	(0.03)	0.94	(0.07)	0.06	(0.08)	4.36	(0.13)	4.77	(0.32)	-0.40	(0.37)
	Denmark	1.06	(0.03)	1.18	(0.06)	-0.12	(0.06)	5.00	(0.08)	5.37	(0.18)	-0.37	(0.20)
	Finland	1.06	(0.02)	1.11	(0.05)	-0.05	(0.05)	4.48	(0.06)	4.67	(0.13)	-0.19	(0.14)
	France	a	a	1.31	(0.03)	a	a	a	a	4.72	(0.08)	a	a
	Germany	1.68	(0.03)	1.76	(0.05)	-0.08	(0.07)	5.14	(0.09)	5.77	(0.16)	-0.63	(0.20)
	Greece	1.84	(0.05)	1.86	(0.07)	-0.02	(0.08)	6.95	(0.16)	7.20	(0.21)	-0.26	(0.28)
	Hungary	1.59	(0.04)	1.59	(0.06)	-0.01	(0.08)	5.10	(0.11)	5.07	(0.18)	0.03	(0.23)
	Iceland	1.21	(0.02)	1.08	(0.03)	0.13	(0.04)	4.56	(0.04)	4.19	(0.07)	0.37	(0.08)
	Ireland	1.22	(0.03)	1.19	(0.05)	0.03	(0.06)	4.11	(0.08)	3.94	(0.14)	0.17	(0.16)
	Italy	2.09	(0.04)	2.10	(0.08)	-0.01	(0.09)	5.58	(0.11)	5.60	(0.20)	-0.02	(0.22)
	Japan	0.61	(0.03)	0.74	(0.03)	-0.13	(0.04)	3.34	(0.11)	3.82	(0.09)	-0.48	(0.15)
	Korea	0.97	(0.06)	1.26	(0.07)	-0.29	(0.09)	4.91	(0.28)	6.00	(0.16)	-1.08	(0.34)
	Luxembourg	1.26	(0.02)	1.12	(0.07)	0.14	(0.07)	4.13	(0.05)	3.71	(0.13)	0.42	(0.14)
	Mexico	2.14	(0.05)	2.11	(0.03)	0.03	(0.06)	6.34	(0.11)	6.16	(0.09)	0.18	(0.15)
	Netherlands	1.17	(0.03)	1.32	(0.06)	-0.15	(0.06)	3.81	(0.08)	4.15	(0.16)	-0.34	(0.20)
	New Zealand	1.12	(0.04)	1.41	(0.04)	-0.30	(0.05)	5.38	(0.11)	6.06	(0.08)	-0.68	(0.14)
	Norway	1.21	(0.02)	1.30	(0.05)	-0.09	(0.05)	4.76	(0.06)	5.03	(0.12)	-0.27	(0.13)
	Poland	2.03	(0.03)	1.99	(0.06)	0.04	(0.07)	5.32	(0.08)	5.50	(0.12)	-0.19	(0.14)
	Portugal	2.08	(0.04)	2.12	(0.07)	-0.04	(0.09)	5.90	(0.09)	6.03	(0.20)	-0.13	(0.24)
	Slovak Republic	1.39	(0.04)	1.42	(0.19)	-0.04	(0.19)	4.44	(0.13)	4.98	(0.63)	-0.54	(0.67)
	Spain	1.67	(0.03)	1.85	(0.04)	-0.18	(0.05)	5.38	(0.10)	5.83	(0.11)	-0.46	(0.15)
	Sweden	1.11	(0.02)	1.27	(0.05)	-0.16	(0.05)	4.38	(0.05)	4.65	(0.12)	-0.27	(0.13)
	Switzerland	1.11	(0.02)	1.17	(0.06)	-0.05	(0.07)	3.86	(0.06)	4.05	(0.25)	-0.19	(0.26)
	Turkey	1.60	(0.07)	1.68	(0.08)	-0.08	(0.11)	5.53	(0.25)	6.09	(0.31)	-0.55	(0.43)
	United Kingdom	1.44	(0.03)	1.49	(0.06)	-0.05	(0.08)	6.21	(0.06)	6.19	(0.14)	0.02	(0.17)
	United States	1.62	(0.03)	1.80	(0.05)	-0.18	(0.06)	6.01	(0.07)	6.02	(0.12)	-0.01	(0.15)
	OECD average	1.38	(0.01)	1.46	(0.01)	-0.08	(0.01)	4.94	(0.02)	5.17	(0.04)	-0.25	(0.04)
Partners	Argentina	1.58	(0.05)	1.61	(0.07)	-0.02	(0.09)	4.22	(0.13)	4.49	(0.14)	-0.27	(0.21)
	Azerbaijan	2.67	(0.06)	2.55	(0.06)	0.11	(0.08)	6.86	(0.13)	6.72	(0.15)	0.14	(0.20)
	Brazil	1.71	(0.04)	1.68	(0.04)	0.03	(0.06)	4.64	(0.08)	4.79	(0.11)	-0.15	(0.16)
	Bulgaria	1.92	(0.06)	2.16	(0.12)	-0.24	(0.14)	5.42	(0.14)	6.06	(0.27)	-0.64	(0.31)
	Chile	1.59	(0.05)	1.47	(0.03)	0.13	(0.06)	4.72	(0.14)	4.67	(0.10)	0.06	(0.18)
	Colombia	1.88	(0.07)	1.76	(0.04)	0.12	(0.08)	6.50	(0.32)	6.05	(0.11)	0.45	(0.34)
	Croatia	1.41	(0.04)	1.56	(0.07)	-0.15	(0.09)	3.75	(0.10)	4.23	(0.17)	-0.48	(0.20)
	Estonia	1.46	(0.03)	1.76	(0.05)	-0.30	(0.06)	5.41	(0.07)	6.00	(0.12)	-0.59	(0.14)
	Hong Kong-China	a	a	1.44	(0.03)	a	a	a	a	5.45	(0.10)	a	a
	Indonesia	1.82	(0.04)	1.63	(0.15)	0.19	(0.17)	6.01	(0.13)	6.21	(0.42)	-0.20	(0.48)
	Israel	1.45	(0.07)	1.25	(0.05)	0.20	(0.09)	4.89	(0.16)	4.64	(0.15)	0.25	(0.23)
	Jordan	2.64	(0.06)	2.65	(0.07)	-0.01	(0.09)	7.25	(0.12)	7.62	(0.13)	-0.37	(0.19)
	Kyrgyzstan	2.16	(0.04)	2.03	(0.10)	0.12	(0.10)	5.64	(0.10)	5.61	(0.23)	0.02	(0.25)
	Latvia	1.76	(0.04)	1.87	(0.07)	-0.11	(0.08)	5.15	(0.09)	5.61	(0.19)	-0.47	(0.21)
	Liechtenstein	1.20	(0.06)	a	a	a	a	4.31	(0.10)	a	a	a	a
	Lithuania	1.69	(0.03)	1.68	(0.05)	0.01	(0.05)	4.91	(0.07)	4.97	(0.10)	-0.06	(0.11)
	Macao-China	1.35	(0.05)	1.38	(0.03)	-0.03	(0.06)	5.83	(0.13)	6.16	(0.07)	-0.34	(0.16)
	Montenegro	2.23	(0.04)	2.14	(0.06)	0.09	(0.07)	6.10	(0.09)	6.03	(0.11)	0.07	(0.15)
	Qatar	2.03	(0.03)	2.12	(0.05)	-0.09	(0.06)	6.14	(0.07)	6.52	(0.12)	-0.38	(0.13)
	Romania	1.59	(0.05)	1.64	(0.09)	-0.05	(0.11)	4.79	(0.14)	4.96	(0.20)	-0.17	(0.27)
	Russian Federation	2.97	(0.08)	2.72	(0.07)	0.25	(0.09)	7.82	(0.19)	7.58	(0.15)	0.25	(0.22)
	Serbia	1.65	(0.06)	1.79	(0.07)	-0.14	(0.10)	5.18	(0.14)	5.61	(0.18)	-0.43	(0.25)
	Slovenia	1.58	(0.02)	1.46	(0.04)	0.13	(0.04)	5.14	(0.06)	4.98	(0.09)	0.16	(0.11)
	Chinese Taipei	1.12	(0.06)	1.30	(0.04)	-0.18	(0.08)	4.60	(0.20)	5.12	(0.16)	-0.52	(0.31)
	Thailand	1.81	(0.04)	1.79	(0.08)	0.03	(0.11)	6.34	(0.12)	7.06	(0.33)	-0.72	(0.42)
	Tunisia	2.61	(0.04)	2.62	(0.12)	-0.01	(0.12)	7.09	(0.11)	7.50	(0.42)	-0.41	(0.45)
	Uruguay	1.35	(0.04)	1.28	(0.05)	0.07	(0.06)	4.33	(0.10)	4.40	(0.11)	-0.07	(0.15)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 3/3]
Table 3.13a Mean learning hours and allocation of total learning time in science, by school location

		Allocation of total learning time in science for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	72.4	(0.6)	70.1	(0.4)	2.3	(0.7)	6.4	(0.3)	6.2	(0.2)	0.2	(0.3)	21.2	(0.4)	23.8	(0.3)	-2.5	(0.6)
	Austria	63.4	(0.9)	65.5	(1.1)	-2.0	(1.5)	4.7	(0.4)	3.2	(0.4)	1.5	(0.6)	31.9	(0.7)	31.3	(1.0)	0.6	(1.3)
	Belgium	63.6	(0.4)	63.2	(1.0)	0.4	(1.1)	6.3	(0.2)	7.4	(0.6)	-1.1	(0.7)	30.1	(0.3)	29.4	(0.7)	0.7	(0.7)
	Canada	67.9	(0.4)	64.2	(0.5)	3.7	(0.6)	8.4	(0.2)	8.6	(0.3)	-0.2	(0.4)	23.8	(0.3)	27.2	(0.5)	-3.4	(0.6)
	Czech Republic	67.9	(0.8)	72.4	(0.9)	-4.5	(1.2)	10.4	(0.4)	7.8	(0.5)	2.6	(0.6)	21.7	(0.5)	19.8	(0.9)	1.9	(1.0)
	Denmark	67.2	(0.5)	65.4	(1.4)	1.9	(1.5)	12.9	(0.3)	14.1	(0.8)	-1.2	(0.9)	19.9	(0.4)	20.6	(0.8)	-0.6	(0.9)
	Finland	70.9	(0.4)	70.9	(0.9)	0.0	(1.0)	6.1	(0.2)	5.3	(0.4)	0.7	(0.5)	23.0	(0.3)	23.7	(0.8)	-0.7	(0.8)
	France	a	a	62.9	(0.5)	a	a	a	a	10.8	(0.3)	a	a	a	a	26.3	(0.4)	a	a
	Germany	57.7	(0.7)	59.7	(1.4)	-1.9	(1.7)	8.4	(0.4)	8.8	(0.8)	-0.4	(0.9)	33.9	(0.4)	31.6	(0.9)	2.3	(1.0)
	Greece	47.5	(0.7)	49.9	(0.9)	-2.4	(1.2)	26.6	(0.5)	25.8	(0.9)	0.8	(1.0)	25.9	(0.6)	24.3	(0.6)	1.6	(0.9)
	Hungary	50.5	(0.7)	53.0	(1.0)	-2.5	(1.2)	19.0	(0.6)	16.2	(0.6)	2.9	(0.9)	30.4	(0.4)	30.8	(0.6)	-0.4	(0.8)
	Iceland	69.9	(0.4)	70.4	(0.7)	-0.5	(0.7)	5.1	(0.3)	5.1	(0.4)	-0.0	(0.5)	25.0	(0.3)	24.5	(0.6)	0.5	(0.6)
	Ireland	66.0	(0.6)	67.0	(0.9)	-1.0	(1.1)	6.4	(0.3)	5.4	(0.4)	1.0	(0.5)	27.6	(0.5)	27.6	(0.7)	0.0	(0.9)
	Italy	53.9	(0.3)	54.6	(0.6)	-0.7	(0.8)	9.3	(0.3)	8.7	(0.5)	0.6	(0.6)	36.8	(0.3)	36.7	(0.5)	0.0	(0.6)
	Japan	78.5	(0.7)	78.3	(0.5)	0.3	(0.9)	5.5	(0.4)	5.0	(0.3)	0.4	(0.5)	16.0	(0.7)	16.7	(0.5)	-0.7	(0.8)
	Korea	71.8	(1.2)	66.7	(0.7)	5.1	(1.4)	10.1	(1.1)	14.5	(0.4)	-4.4	(1.3)	18.1	(0.9)	18.8	(0.4)	-0.7	(1.0)
	Luxembourg	59.6	(0.4)	62.5	(1.3)	-3.0	(1.4)	10.2	(0.3)	8.4	(0.7)	1.7	(0.7)	30.3	(0.4)	29.0	(1.2)	1.2	(1.3)
	Mexico	47.1	(0.6)	49.9	(0.6)	-2.8	(0.9)	16.6	(0.5)	13.3	(0.4)	3.2	(0.6)	36.4	(0.6)	36.8	(0.5)	-0.4	(0.8)
	Netherlands	56.1	(0.8)	57.3	(1.1)	-1.2	(1.4)	12.8	(0.5)	12.1	(0.8)	0.7	(1.0)	31.2	(0.5)	30.6	(0.7)	0.5	(0.9)
	New Zealand	75.2	(0.6)	71.4	(0.5)	3.7	(0.8)	5.5	(0.3)	6.8	(0.4)	-1.3	(0.5)	19.4	(0.4)	21.8	(0.4)	-2.5	(0.5)
Norway	59.6	(0.5)	59.2	(1.4)	0.4	(1.4)	16.9	(0.3)	16.8	(1.0)	0.1	(1.0)	23.5	(0.3)	24.0	(0.8)	-0.5	(0.8)	
Poland	52.6	(0.4)	55.0	(0.7)	-2.3	(0.8)	10.4	(0.4)	9.8	(0.6)	0.6	(0.7)	36.9	(0.4)	35.2	(0.7)	1.7	(0.8)	
Portugal	54.3	(0.6)	55.7	(0.9)	-1.3	(1.1)	9.4	(0.3)	9.3	(0.5)	0.1	(0.7)	36.3	(0.5)	35.0	(0.7)	1.3	(0.9)	
Slovak Republic	58.3	(0.6)	61.7	(1.9)	-3.4	(2.0)	11.8	(0.4)	11.3	(1.2)	0.5	(1.3)	30.0	(0.4)	27.0	(1.1)	2.9	(1.2)	
Spain	58.6	(0.5)	59.4	(0.6)	-0.7	(0.8)	11.3	(0.4)	9.8	(0.5)	1.5	(0.7)	30.1	(0.3)	30.8	(0.5)	-0.8	(0.5)	
Sweden	67.4	(0.7)	64.7	(0.9)	2.6	(1.1)	9.1	(0.3)	9.4	(0.5)	-0.3	(0.6)	23.5	(0.6)	25.9	(0.7)	-2.3	(0.9)	
Switzerland	61.8	(0.4)	63.7	(1.4)	-1.9	(1.5)	8.5	(0.2)	6.7	(0.8)	1.8	(0.9)	29.7	(0.3)	29.6	(1.3)	0.1	(1.3)	
Turkey	50.9	(0.7)	51.6	(0.9)	-0.7	(1.1)	20.7	(0.6)	21.2	(0.6)	-0.5	(0.9)	28.4	(0.5)	27.2	(0.7)	1.2	(0.9)	
United Kingdom	71.5	(0.4)	69.4	(0.8)	2.1	(1.0)	6.3	(0.2)	7.5	(0.6)	-1.3	(0.7)	22.2	(0.3)	23.1	(0.6)	-0.8	(0.8)	
United States	60.5	(0.5)	55.1	(1.2)	5.4	(1.4)	11.5	(0.3)	14.4	(1.1)	-2.9	(1.2)	28.0	(0.4)	30.5	(0.5)	-2.5	(0.6)	
OECD average	62.2	(0.1)	62.4	(0.2)	-0.2	(0.2)	10.6	(0.1)	10.3	(0.1)	0.3	(0.1)	27.3	(0.1)	27.3	(0.1)	-0.1	(0.2)	
Partners	Argentina	51.9	(1.0)	54.9	(1.2)	-3.0	(1.6)	10.2	(0.6)	8.7	(0.5)	1.5	(0.9)	37.9	(0.8)	36.4	(1.1)	1.5	(1.3)
	Azerbaijan	42.1	(0.7)	46.5	(1.1)	-4.4	(1.3)	19.9	(0.5)	17.6	(0.9)	2.3	(1.1)	38.0	(0.5)	36.0	(0.7)	2.1	(0.8)
	Brazil	49.4	(0.6)	51.6	(0.7)	-2.2	(1.0)	14.2	(0.5)	13.9	(0.4)	0.3	(0.6)	36.4	(0.5)	34.5	(0.5)	1.9	(0.8)
	Bulgaria	48.2	(1.0)	49.7	(0.8)	-1.5	(1.2)	17.2	(0.7)	14.8	(0.8)	2.4	(1.1)	34.6	(0.6)	35.5	(0.5)	-0.9	(0.8)
	Chile	46.8	(1.0)	50.4	(0.6)	-3.6	(1.2)	18.6	(0.9)	14.9	(0.5)	3.7	(1.0)	34.6	(0.5)	34.7	(0.5)	-0.1	(0.8)
	Colombia	58.9	(0.8)	59.3	(1.0)	-0.4	(1.2)	13.4	(0.5)	12.5	(0.5)	0.9	(0.6)	27.8	(0.6)	28.2	(0.6)	-0.5	(0.9)
	Croatia	54.1	(0.6)	55.1	(1.0)	-1.0	(1.2)	9.8	(0.5)	9.8	(0.5)	-0.0	(0.7)	36.0	(0.5)	35.0	(0.9)	1.0	(1.0)
	Estonia	62.2	(0.6)	59.7	(0.9)	2.5	(1.2)	12.7	(0.4)	12.4	(0.6)	0.3	(0.7)	25.1	(0.4)	27.9	(0.6)	-2.8	(0.8)
	Hong Kong-China	a	a	61.0	(0.5)	a	a	a	a	13.9	(0.4)	a	a	a	a	25.2	(0.4)	a	a
	Indonesia	53.7	(0.7)	58.7	(2.9)	-5.0	(2.9)	15.8	(0.6)	14.6	(1.9)	1.2	(1.8)	30.5	(0.4)	26.7	(1.3)	3.8	(1.4)
	Israel	52.7	(1.2)	56.5	(1.4)	-3.8	(2.1)	19.1	(0.7)	17.4	(0.7)	1.6	(1.1)	28.2	(0.8)	26.1	(1.0)	2.1	(1.4)
	Jordan	41.7	(0.8)	44.7	(1.0)	-3.0	(1.3)	21.0	(0.5)	19.2	(0.8)	1.8	(1.1)	37.4	(0.5)	36.1	(0.6)	1.3	(0.7)
	Kyrgyzstan	33.1	(0.7)	47.5	(1.8)	-14.4	(1.9)	27.5	(0.6)	18.0	(1.4)	9.4	(1.6)	39.4	(0.4)	34.4	(1.0)	5.0	(1.0)
	Latvia	55.9	(0.6)	56.6	(0.9)	-0.7	(1.1)	10.6	(0.4)	10.0	(0.5)	0.6	(0.7)	33.5	(0.4)	33.4	(0.6)	0.0	(0.7)
	Liechtenstein	62.2	(1.4)	a	a	a	a	9.7	(1.0)	a	a	a	a	28.1	(1.3)	a	a	a	a
	Lithuania	56.6	(0.5)	57.9	(0.8)	-1.4	(0.9)	10.8	(0.4)	9.0	(0.4)	1.8	(0.5)	32.7	(0.4)	33.1	(0.6)	-0.4	(0.8)
	Macao-China	62.2	(0.9)	65.2	(0.4)	-3.0	(0.9)	16.2	(0.7)	14.2	(0.3)	2.0	(0.7)	21.6	(0.7)	20.6	(0.3)	1.0	(0.7)
	Montenegro	45.9	(0.5)	48.5	(0.9)	-2.7	(1.0)	16.6	(0.4)	15.2	(0.6)	1.3	(0.7)	37.5	(0.5)	36.2	(0.9)	1.3	(1.0)
	Qatar	40.2	(0.4)	42.7	(0.7)	-2.5	(0.8)	25.1	(0.4)	23.7	(0.6)	1.4	(0.6)	34.7	(0.3)	33.6	(0.6)	1.1	(0.7)
	Romania	46.2	(0.8)	50.1	(1.1)	-3.9	(1.4)	20.6	(0.7)	18.4	(0.9)	2.2	(1.2)	33.2	(0.6)	31.5	(0.8)	1.6	(0.9)
	Russian Federation	47.2	(0.7)	50.6	(0.8)	-3.4	(1.1)	15.6	(0.6)	14.2	(0.7)	1.4	(0.9)	37.3	(0.7)	35.2	(0.6)	2.1	(0.9)
	Serbia	56.1	(0.6)	57.9	(0.9)	-1.8	(1.1)	14.3	(0.5)	12.0	(0.6)	2.2	(0.7)	29.6	(0.5)	30.1	(0.7)	-0.5	(0.9)
	Slovenia	54.2	(0.5)	58.3	(0.6)	-4.1	(0.7)	14.2	(0.4)	11.4	(0.4)	2.8	(0.6)	31.6	(0.4)	30.3	(0.5)	1.2	(0.6)
	Chinese Taipei	65.8	(0.9)	62.6	(0.4)	3.2	(1.0)	10.9	(0.5)	13.0	(0.4)	-2.1	(0.7)	23.3	(0.6)	24.5	(0.3)	-1.2	(0.7)
	Thailand	63.8	(0.5)	64.2	(0.9)	-0.4	(1.0)	9.5	(0.4)	11.2	(1.0)	-1.7	(1.2)	26.7	(0.4)	24.6	(0.7)	2.1	(0.8)
	Tunisia	37.2	(0.4)	38.0	(1.2)	-0.8	(1.4)	26.0	(0.4)	25.7	(0.8)	0.2	(0.9)	36.8	(0.4)	36.2	(0.9)	0.6	(1.1)
Uruguay	55.3	(0.7)	57.3	(0.8)	-1.9	(1.2)	12.2	(0.5)	11.8	(0.6)	0.3	(0.9)	32.5	(0.6)	30.9	(0.6)	1.6	(0.8)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.13b Mean learning hours and allocation of total learning time in mathematics, by school location
[Part 1/3]

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	3.99	(0.05)	4.17	(0.04)	-0.18	(0.06)	0.68	(0.02)	0.79	(0.02)	-0.11	(0.03)
	Austria	3.16	(0.06)	3.35	(0.09)	-0.19	(0.11)	0.50	(0.03)	0.52	(0.03)	-0.02	(0.04)
	Belgium	3.52	(0.05)	3.79	(0.14)	-0.27	(0.17)	0.52	(0.01)	0.67	(0.04)	-0.15	(0.04)
	Canada	4.51	(0.04)	4.53	(0.07)	-0.02	(0.08)	0.88	(0.02)	1.02	(0.04)	-0.14	(0.04)
	Czech Republic	3.98	(0.05)	4.12	(0.11)	-0.14	(0.13)	0.77	(0.02)	0.68	(0.04)	0.09	(0.05)
	Denmark	4.43	(0.04)	4.59	(0.08)	-0.15	(0.08)	1.36	(0.03)	1.46	(0.09)	-0.10	(0.11)
	Finland	3.46	(0.04)	3.42	(0.09)	0.04	(0.10)	0.37	(0.02)	0.37	(0.03)	-0.00	(0.04)
	France	a	a	3.84	(0.03)	a	a	a	a	0.93	(0.02)	a	a
	Germany	3.94	(0.04)	3.70	(0.06)	0.25	(0.07)	0.80	(0.03)	0.85	(0.07)	-0.05	(0.09)
	Greece	3.40	(0.06)	3.54	(0.08)	-0.14	(0.11)	2.27	(0.08)	2.16	(0.08)	0.12	(0.13)
	Hungary	3.26	(0.06)	3.32	(0.07)	-0.06	(0.08)	1.31	(0.03)	1.26	(0.05)	0.05	(0.06)
	Iceland	4.74	(0.03)	4.80	(0.04)	-0.06	(0.05)	0.69	(0.03)	0.82	(0.04)	-0.14	(0.05)
	Ireland	3.64	(0.04)	3.72	(0.05)	-0.09	(0.06)	0.72	(0.03)	0.70	(0.04)	0.03	(0.05)
	Italy	3.74	(0.04)	3.73	(0.06)	0.01	(0.08)	0.89	(0.02)	0.86	(0.03)	0.03	(0.04)
	Japan	4.05	(0.14)	4.34	(0.09)	-0.29	(0.19)	0.67	(0.06)	0.74	(0.04)	-0.07	(0.07)
	Korea	4.44	(0.13)	4.74	(0.05)	-0.30	(0.14)	1.69	(0.14)	2.38	(0.05)	-0.69	(0.15)
	Luxembourg	3.85	(0.03)	3.86	(0.07)	-0.01	(0.08)	0.84	(0.02)	0.78	(0.06)	0.06	(0.06)
	Mexico	3.73	(0.06)	4.15	(0.05)	-0.42	(0.08)	1.31	(0.05)	1.06	(0.04)	0.25	(0.06)
	Netherlands	2.87	(0.04)	2.89	(0.08)	-0.02	(0.09)	0.67	(0.02)	0.73	(0.05)	-0.06	(0.06)
	New Zealand	4.38	(0.04)	4.38	(0.04)	-0.00	(0.06)	0.61	(0.04)	0.75	(0.03)	-0.14	(0.06)
	Norway	3.37	(0.03)	3.45	(0.08)	-0.07	(0.08)	1.03	(0.02)	1.13	(0.06)	-0.09	(0.06)
	Poland	4.31	(0.04)	4.51	(0.08)	-0.20	(0.09)	0.77	(0.03)	0.81	(0.04)	-0.05	(0.05)
	Portugal	3.56	(0.05)	3.78	(0.10)	-0.23	(0.13)	0.79	(0.03)	0.91	(0.05)	-0.12	(0.06)
	Slovak Republic	3.31	(0.06)	3.15	(0.15)	1.78	(0.17)	0.87	(0.03)	1.00	(0.11)	-0.14	(0.11)
	Spain	3.38	(0.04)	3.48	(0.05)	-0.10	(0.06)	1.06	(0.03)	0.90	(0.04)	0.16	(0.05)
	Sweden	3.08	(0.03)	3.09	(0.06)	-0.01	(0.07)	0.60	(0.02)	0.65	(0.03)	-0.05	(0.04)
	Switzerland	3.90	(0.04)	3.73	(0.12)	0.17	(0.14)	0.72	(0.02)	0.62	(0.06)	0.10	(0.06)
Turkey	3.76	(0.09)	3.88	(0.11)	-0.11	(0.16)	1.99	(0.06)	2.16	(0.08)	-0.17	(0.11)	
United Kingdom	3.78	(0.03)	3.74	(0.07)	0.05	(0.08)	0.56	(0.02)	0.74	(0.05)	-0.18	(0.05)	
United States	3.85	(0.05)	3.64	(0.08)	0.20	(0.10)	1.06	(0.03)	1.30	(0.06)	-0.23	(0.06)	
OECD average	3.77	(0.01)	3.85	(0.02)	-0.02	(0.02)	0.93	(0.01)	0.99	(0.01)	-0.06	(0.01)	
Partners	Argentina	2.87	(0.09)	3.07	(0.08)	-0.20	(0.13)	0.80	(0.04)	0.75	(0.05)	0.05	(0.07)
	Azerbaijan	3.65	(0.06)	4.26	(0.13)	-0.61	(0.14)	1.66	(0.05)	1.83	(0.09)	-0.17	(0.10)
	Brazil	3.03	(0.05)	3.33	(0.05)	-0.30	(0.08)	1.18	(0.03)	1.26	(0.05)	-0.09	(0.06)
	Bulgaria	2.91	(0.08)	3.11	(0.12)	-0.20	(0.14)	1.16	(0.05)	1.10	(0.04)	0.06	(0.07)
	Chile	3.25	(0.13)	3.65	(0.08)	-0.40	(0.17)	1.08	(0.05)	0.94	(0.03)	0.14	(0.06)
	Colombia	4.15	(0.07)	4.31	(0.11)	-0.16	(0.13)	1.25	(0.05)	1.20	(0.04)	0.04	(0.07)
	Croatia	3.01	(0.04)	3.11	(0.07)	-0.10	(0.08)	0.73	(0.03)	0.83	(0.04)	-0.09	(0.05)
	Estonia	4.20	(0.05)	4.18	(0.07)	0.03	(0.08)	1.00	(0.03)	0.97	(0.05)	0.02	(0.06)
	Hong Kong-China	a	a	5.23	(0.04)	a	a	a	a	1.39	(0.04)	a	a
	Indonesia	4.04	(0.07)	4.30	(0.18)	-0.25	(0.18)	1.37	(0.05)	1.28	(0.12)	0.09	(0.14)
	Israel	4.03	(0.06)	4.24	(0.07)	-0.21	(0.10)	2.16	(0.06)	2.13	(0.07)	0.03	(0.09)
	Jordan	3.38	(0.07)	3.63	(0.09)	-0.25	(0.12)	1.84	(0.05)	1.79	(0.07)	0.05	(0.09)
	Kyrgyzstan	2.76	(0.06)	3.50	(0.14)	-0.74	(0.15)	1.59	(0.04)	1.42	(0.10)	0.16	(0.11)
	Latvia	4.48	(0.05)	4.51	(0.08)	-0.02	(0.10)	1.19	(0.05)	1.21	(0.06)	-0.02	(0.08)
	Liechtenstein	3.98	(0.09)	a	a	a	a	0.54	(0.05)	a	a	a	a
	Lithuania	3.40	(0.05)	3.65	(0.06)	-0.25	(0.08)	0.76	(0.02)	0.71	(0.03)	0.05	(0.03)
	Macao-China	5.38	(0.06)	5.41	(0.03)	-0.03	(0.07)	1.35	(0.06)	1.17	(0.03)	0.18	(0.07)
	Montenegro	3.14	(0.04)	2.98	(0.06)	0.16	(0.08)	0.91	(0.02)	0.96	(0.05)	-0.04	(0.06)
	Qatar	3.01	(0.04)	3.43	(0.05)	-0.42	(0.06)	1.87	(0.03)	1.80	(0.05)	0.07	(0.06)
	Romania	2.99	(0.08)	3.02	(0.12)	-0.03	(0.15)	1.51	(0.05)	1.49	(0.06)	0.02	(0.08)
	Russian Federation	3.63	(0.07)	3.64	(0.09)	-0.01	(0.11)	1.16	(0.05)	1.08	(0.04)	0.08	(0.07)
	Serbia	3.21	(0.06)	3.37	(0.07)	-0.16	(0.09)	0.96	(0.03)	0.98	(0.04)	-0.02	(0.05)
	Slovenia	3.28	(0.03)	3.42	(0.04)	-0.14	(0.05)	1.05	(0.03)	0.98	(0.04)	0.07	(0.05)
	Chinese Taipei	4.06	(0.14)	4.36	(0.10)	-0.29	(0.21)	1.21	(0.07)	1.69	(0.06)	-0.49	(0.11)
	Thailand	3.71	(0.06)	3.97	(0.15)	-0.26	(0.20)	0.87	(0.04)	1.06	(0.10)	-0.19	(0.12)
	Tunisia	3.34	(0.05)	3.66	(0.13)	-0.32	(0.14)	2.38	(0.04)	2.63	(0.09)	-0.24	(0.10)
	Uruguay	3.26	(0.05)	3.39	(0.05)	-0.13	(0.08)	0.83	(0.04)	0.85	(0.04)	-0.01	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13b Mean learning hours and allocation of total learning time in mathematics, by school location

	Mean learning hours per week											
	Individual study						Total learning hours					
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD												
Australia	1.50	(0.03)	1.98	(0.04)	-0.48	(0.05)	6.19	(0.07)	6.94	(0.07)	-0.75	(0.11)
Austria	2.08	(0.05)	2.22	(0.05)	-0.13	(0.07)	5.77	(0.10)	6.10	(0.13)	-0.33	(0.17)
Belgium	1.78	(0.03)	1.82	(0.09)	-0.05	(0.10)	5.83	(0.07)	6.28	(0.23)	-0.45	(0.27)
Canada	1.78	(0.03)	2.23	(0.06)	-0.45	(0.07)	7.21	(0.07)	7.81	(0.13)	-0.60	(0.14)
Czech Republic	1.32	(0.04)	1.28	(0.06)	0.04	(0.08)	6.06	(0.09)	6.07	(0.18)	-0.00	(0.20)
Denmark	1.73	(0.03)	1.84	(0.10)	-0.11	(0.11)	7.50	(0.07)	7.85	(0.21)	-0.35	(0.24)
Finland	1.20	(0.02)	1.21	(0.04)	-0.00	(0.04)	5.03	(0.06)	5.00	(0.11)	0.04	(0.12)
France	a	a	1.74	(0.03)	a	a	a	a	6.50	(0.06)	a	a
Germany	2.30	(0.04)	2.14	(0.06)	0.16	(0.07)	7.06	(0.09)	6.69	(0.15)	0.37	(0.17)
Greece	2.03	(0.04)	1.97	(0.06)	0.05	(0.08)	7.71	(0.15)	7.71	(0.15)	0.00	(0.24)
Hungary	1.86	(0.04)	1.81	(0.06)	0.05	(0.07)	6.44	(0.10)	6.40	(0.14)	0.04	(0.17)
Iceland	1.69	(0.03)	1.76	(0.05)	-0.06	(0.06)	7.12	(0.05)	7.37	(0.09)	-0.25	(0.11)
Ireland	1.76	(0.04)	1.80	(0.06)	-0.04	(0.07)	6.12	(0.08)	6.22	(0.11)	-0.11	(0.14)
Italy	2.50	(0.04)	2.46	(0.06)	0.03	(0.07)	7.14	(0.09)	7.07	(0.12)	0.07	(0.14)
Japan	1.39	(0.10)	1.53	(0.07)	-0.14	(0.13)	6.11	(0.25)	6.60	(0.18)	-0.49	(0.33)
Korea	1.83	(0.10)	2.40	(0.08)	-0.57	(0.13)	8.05	(0.29)	9.54	(0.14)	-1.50	(0.34)
Luxembourg	1.72	(0.02)	1.57	(0.06)	0.16	(0.06)	6.44	(0.05)	6.21	(0.13)	0.23	(0.14)
Mexico	2.28	(0.05)	2.24	(0.03)	0.04	(0.06)	7.27	(0.10)	7.44	(0.08)	-0.16	(0.13)
Netherlands	1.42	(0.04)	1.61	(0.06)	-0.19	(0.07)	4.95	(0.08)	5.21	(0.15)	-0.26	(0.17)
New Zealand	1.45	(0.05)	1.71	(0.04)	-0.26	(0.06)	6.45	(0.09)	6.84	(0.07)	-0.40	(0.13)
Norway	1.36	(0.03)	1.61	(0.09)	-0.25	(0.09)	5.77	(0.06)	6.15	(0.17)	-0.37	(0.18)
Poland	2.09	(0.03)	2.10	(0.04)	-0.01	(0.05)	7.16	(0.08)	7.43	(0.10)	-0.27	(0.12)
Portugal	1.94	(0.04)	2.04	(0.07)	-0.10	(0.08)	6.29	(0.09)	6.72	(0.17)	-0.44	(0.21)
Slovak Republic	1.68	(0.04)	1.73	(0.12)	-0.05	(0.12)	5.87	(0.11)	5.89	(0.33)	-0.02	(0.36)
Spain	1.93	(0.04)	2.01	(0.05)	-0.07	(0.06)	6.41	(0.08)	6.41	(0.09)	0.00	(0.12)
Sweden	1.13	(0.03)	1.35	(0.04)	-0.21	(0.05)	4.82	(0.05)	5.09	(0.11)	-0.28	(0.12)
Switzerland	1.70	(0.02)	1.67	(0.05)	0.03	(0.06)	6.34	(0.06)	6.03	(0.17)	0.31	(0.19)
Turkey	2.28	(0.05)	2.33	(0.08)	-0.05	(0.09)	8.00	(0.19)	8.34	(0.25)	-0.34	(0.34)
United Kingdom	1.47	(0.02)	1.54	(0.05)	-0.07	(0.06)	5.82	(0.05)	6.02	(0.12)	-0.20	(0.12)
United States	1.99	(0.03)	2.17	(0.04)	-0.19	(0.06)	6.96	(0.08)	7.12	(0.11)	-0.16	(0.14)
OECD average	1.77	(0.01)	1.86	(0.01)	-0.10	(0.01)	6.48	(0.02)	6.70	(0.03)	-0.23	(0.04)
Partners												
Argentina	1.83	(0.05)	1.82	(0.06)	0.02	(0.07)	5.51	(0.14)	5.64	(0.14)	-0.13	(0.20)
Azerbaijan	2.88	(0.07)	3.17	(0.13)	-0.29	(0.15)	8.24	(0.15)	9.33	(0.29)	-1.09	(0.32)
Brazil	1.78	(0.04)	1.84	(0.05)	-0.06	(0.07)	5.95	(0.10)	6.43	(0.13)	-0.48	(0.17)
Bulgaria	2.01	(0.07)	2.22	(0.14)	-0.21	(0.15)	6.10	(0.18)	6.47	(0.27)	-0.37	(0.32)
Chile	1.63	(0.06)	1.58	(0.04)	0.05	(0.07)	5.99	(0.20)	6.21	(0.11)	-0.21	(0.24)
Colombia	1.93	(0.05)	1.94	(0.05)	-0.00	(0.06)	7.31	(0.11)	7.46	(0.14)	-0.15	(0.18)
Croatia	1.82	(0.04)	1.77	(0.05)	0.05	(0.06)	5.60	(0.07)	5.76	(0.09)	-0.16	(0.12)
Estonia	1.92	(0.04)	2.04	(0.05)	-0.12	(0.06)	7.13	(0.08)	7.19	(0.12)	-0.06	(0.14)
Hong Kong-China	a	a	2.24	(0.04)	a	a	a	a	8.87	(0.08)	a	a
Indonesia	2.01	(0.03)	1.90	(0.07)	0.11	(0.08)	7.42	(0.11)	7.49	(0.17)	-0.08	(0.19)
Israel	2.32	(0.07)	2.33	(0.08)	-0.01	(0.10)	8.56	(0.15)	8.82	(0.17)	-0.26	(0.23)
Jordan	2.68	(0.05)	2.71	(0.07)	-0.03	(0.09)	7.88	(0.12)	8.09	(0.13)	-0.22	(0.19)
Kyrgyzstan	2.22	(0.04)	2.16	(0.07)	0.06	(0.08)	6.63	(0.11)	7.12	(0.18)	-0.48	(0.21)
Latvia	2.48	(0.05)	2.36	(0.06)	0.12	(0.08)	8.17	(0.10)	8.08	(0.16)	0.09	(0.20)
Liechtenstein	1.49	(0.07)	a	a	a	a	6.00	(0.13)	a	a	a	a
Lithuania	1.74	(0.04)	1.84	(0.04)	-0.10	(0.06)	5.89	(0.08)	6.21	(0.10)	-0.31	(0.14)
Macao-China	1.90	(0.06)	2.10	(0.03)	-0.20	(0.06)	8.63	(0.11)	8.69	(0.06)	-0.06	(0.13)
Montenegro	2.07	(0.04)	1.97	(0.06)	0.10	(0.07)	6.10	(0.08)	5.88	(0.12)	0.22	(0.14)
Qatar	2.21	(0.03)	2.31	(0.04)	-0.10	(0.05)	7.12	(0.08)	7.56	(0.12)	-0.44	(0.14)
Romania	2.12	(0.06)	2.20	(0.07)	-0.07	(0.11)	6.63	(0.17)	6.71	(0.19)	-0.08	(0.29)
Russian Federation	2.30	(0.06)	2.13	(0.06)	0.17	(0.08)	7.08	(0.12)	6.86	(0.15)	0.22	(0.19)
Serbia	1.77	(0.04)	1.88	(0.05)	-0.11	(0.07)	5.94	(0.10)	6.24	(0.13)	-0.30	(0.18)
Slovenia	1.94	(0.03)	1.91	(0.04)	0.03	(0.05)	6.30	(0.06)	6.32	(0.09)	-0.02	(0.11)
Chinese Taipei	1.69	(0.07)	1.97	(0.06)	-0.28	(0.11)	7.01	(0.27)	8.09	(0.20)	-1.08	(0.41)
Thailand	1.80	(0.04)	1.82	(0.08)	-0.02	(0.11)	6.37	(0.12)	6.86	(0.31)	-0.48	(0.40)
Tunisia	2.57	(0.05)	2.57	(0.09)	-0.00	(0.10)	8.28	(0.11)	8.88	(0.26)	-0.60	(0.29)
Uruguay	1.56	(0.04)	1.59	(0.04)	-0.04	(0.06)	5.67	(0.10)	5.85	(0.10)	-0.18	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.13b Mean learning hours and allocation of total learning time in mathematics, by school location
[Part 3/3]

		Allocation of total learning time in mathematics for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	68.1	(0.5)	64.3	(0.4)	3.8	(0.7)	9.2	(0.3)	9.3	(0.2)	-0.1	(0.4)	22.7	(0.4)	26.4	(0.3)	-3.7	(0.5)
	Austria	58.3	(0.6)	58.9	(0.7)	-0.5	(0.9)	6.8	(0.4)	6.3	(0.3)	0.5	(0.5)	34.9	(0.5)	34.8	(0.6)	0.1	(0.8)
	Belgium	63.3	(0.3)	62.4	(0.7)	0.9	(0.7)	7.6	(0.2)	9.4	(0.7)	-1.8	(0.8)	29.2	(0.3)	28.2	(0.6)	0.9	(0.6)
	Canada	65.2	(0.3)	60.9	(0.5)	4.3	(0.6)	11.0	(0.2)	11.8	(0.4)	-0.8	(0.4)	23.7	(0.3)	27.3	(0.4)	-3.6	(0.5)
	Czech Republic	70.1	(0.5)	71.9	(0.8)	-1.8	(1.0)	10.0	(0.2)	8.8	(0.5)	1.2	(0.5)	19.9	(0.4)	19.3	(0.6)	0.6	(0.8)
	Denmark	62.5	(0.4)	62.5	(1.0)	0.0	(1.1)	16.0	(0.3)	16.1	(0.8)	-0.1	(0.9)	21.5	(0.2)	21.4	(0.7)	0.1	(0.8)
	Finland	71.1	(0.4)	71.1	(0.9)	0.0	(0.9)	6.0	(0.2)	5.7	(0.5)	0.3	(0.5)	22.9	(0.3)	23.2	(0.6)	-0.4	(0.6)
	France	a	a	62.6	(0.3)	a	a	a	a	12.6	(0.2)	a	a	a	a	24.8	(0.3)	a	a
	Germany	58.7	(0.4)	58.4	(0.8)	0.3	(1.0)	9.4	(0.4)	10.7	(0.7)	-1.2	(0.9)	31.9	(0.3)	30.9	(0.5)	1.0	(0.6)
	Greece	48.8	(0.6)	50.1	(1.0)	-1.4	(1.1)	26.3	(0.7)	25.5	(0.9)	0.8	(1.2)	24.9	(0.5)	24.3	(0.6)	0.6	(0.7)
	Hungary	53.5	(0.6)	55.3	(0.7)	-1.8	(0.9)	18.2	(0.4)	17.2	(0.5)	1.0	(0.7)	28.3	(0.4)	27.5	(0.5)	0.8	(0.7)
	Iceland	69.7	(0.4)	68.7	(0.6)	1.0	(0.7)	8.2	(0.3)	9.3	(0.4)	-1.1	(0.5)	22.0	(0.3)	22.0	(0.4)	0.1	(0.5)
	Ireland	63.4	(0.5)	63.9	(0.7)	-0.4	(0.9)	9.7	(0.4)	8.9	(0.3)	0.8	(0.5)	26.9	(0.4)	27.3	(0.7)	-0.4	(0.7)
	Italy	54.8	(0.3)	55.5	(0.5)	-0.7	(0.6)	10.8	(0.2)	10.5	(0.4)	0.3	(0.5)	34.4	(0.2)	34.0	(0.4)	0.4	(0.5)
	Japan	72.2	(1.0)	71.5	(0.6)	0.7	(1.1)	8.4	(0.5)	8.8	(0.4)	-0.3	(0.6)	19.4	(0.8)	19.8	(0.5)	-0.4	(0.9)
	Korea	62.4	(1.4)	56.0	(0.5)	6.4	(1.6)	17.5	(1.2)	21.5	(0.3)	-4.0	(1.3)	20.1	(0.6)	22.5	(0.4)	-2.4	(0.8)
	Luxembourg	63.1	(0.3)	64.7	(1.1)	-1.5	(1.1)	11.1	(0.2)	10.8	(0.7)	0.3	(0.7)	25.7	(0.3)	24.5	(0.7)	1.2	(0.8)
	Mexico	51.9	(0.7)	56.9	(0.5)	-5.0	(0.9)	16.1	(0.5)	12.8	(0.4)	3.3	(0.7)	32.0	(0.4)	30.3	(0.4)	1.7	(0.6)
	Netherlands	60.7	(0.5)	58.3	(0.8)	2.4	(1.0)	11.9	(0.4)	12.3	(0.9)	-0.3	(1.0)	27.4	(0.5)	29.4	(0.8)	-2.0	(1.0)
	New Zealand	71.7	(0.7)	67.7	(0.5)	4.0	(0.9)	7.7	(0.4)	9.2	(0.4)	-1.5	(0.6)	20.5	(0.4)	23.1	(0.4)	-2.6	(0.6)
	Norway	62.5	(0.5)	60.0	(0.8)	2.4	(1.0)	15.9	(0.3)	16.3	(0.7)	-0.4	(0.8)	21.6	(0.3)	23.7	(0.8)	-2.1	(0.8)
	Poland	62.2	(0.4)	63.3	(0.5)	-1.1	(0.6)	10.0	(0.3)	10.3	(0.5)	-0.3	(0.6)	27.8	(0.3)	26.4	(0.5)	1.3	(0.6)
	Portugal	58.8	(0.5)	59.1	(0.6)	-0.3	(0.8)	11.5	(0.4)	11.9	(0.5)	-0.3	(0.6)	29.7	(0.4)	29.0	(0.8)	0.6	(0.9)
	Slovak Republic	60.8	(0.6)	59.1	(1.4)	1.7	(1.5)	12.3	(0.4)	13.9	(0.9)	-1.6	(0.9)	26.9	(0.4)	27.0	(0.9)	-0.1	(1.0)
	Spain	57.3	(0.4)	58.2	(0.6)	-0.9	(0.8)	13.9	(0.3)	11.8	(0.5)	2.2	(0.6)	28.8	(0.3)	30.0	(0.5)	-1.2	(0.6)
	Sweden	68.9	(0.6)	65.5	(0.8)	3.4	(1.0)	9.8	(0.3)	10.0	(0.4)	-0.2	(0.5)	21.3	(0.4)	24.5	(0.7)	-3.2	(0.8)
	Switzerland	63.5	(0.4)	64.0	(1.1)	-0.5	(1.2)	9.8	(0.3)	8.5	(0.7)	1.3	(0.7)	26.7	(0.2)	27.5	(0.9)	-0.8	(1.0)
	Turkey	51.1	(0.6)	50.4	(0.6)	0.7	(0.8)	22.3	(0.6)	23.0	(0.5)	-0.7	(0.8)	26.6	(0.5)	26.6	(0.4)	0.0	(0.6)
United Kingdom	67.8	(0.4)	65.5	(0.7)	2.3	(0.8)	8.1	(0.2)	10.1	(0.6)	-2.0	(0.7)	24.1	(0.3)	24.4	(0.5)	-0.3	(0.5)	
United States	57.1	(0.4)	52.3	(1.0)	4.8	(1.2)	14.2	(0.4)	17.3	(0.8)	-3.1	(0.9)	28.7	(0.3)	30.3	(0.5)	-1.7	(0.6)	
OECD average	62.1	(0.1)	61.3	(0.1)	0.8	(0.2)	12.1	(0.1)	12.4	(0.1)	-0.3	(0.1)	25.9	(0.1)	26.3	(0.1)	-0.5	(0.1)	
Partners	Argentina	54.2	(0.8)	56.2	(1.0)	-2.0	(1.3)	12.9	(0.7)	11.6	(0.6)	1.3	(0.9)	32.9	(0.5)	32.3	(0.8)	0.7	(1.0)
	Azerbaijan	46.4	(0.6)	49.5	(1.0)	-3.1	(1.2)	18.8	(0.5)	17.9	(0.7)	0.9	(0.8)	34.8	(0.5)	32.6	(0.9)	2.2	(1.0)
	Brazil	53.9	(0.6)	55.1	(0.7)	-1.1	(0.9)	17.3	(0.5)	17.3	(0.6)	0.0	(0.8)	28.7	(0.4)	27.7	(0.5)	1.1	(0.6)
	Bulgaria	51.0	(0.7)	51.5	(0.7)	-0.5	(1.0)	17.3	(0.7)	15.0	(0.5)	2.3	(0.9)	31.7	(0.6)	33.5	(0.7)	-1.8	(0.9)
	Chile	54.4	(1.0)	58.7	(0.6)	-4.3	(1.2)	16.7	(0.5)	14.1	(0.4)	2.6	(0.7)	28.9	(0.7)	27.2	(0.5)	1.7	(0.9)
	Colombia	60.5	(0.7)	61.1	(0.9)	-0.6	(1.1)	14.2	(0.5)	14.1	(0.5)	0.1	(0.7)	25.3	(0.5)	24.8	(0.5)	0.5	(0.7)
	Croatia	58.1	(0.6)	58.8	(0.9)	-0.7	(1.0)	11.1	(0.4)	12.2	(0.5)	-1.1	(0.7)	30.9	(0.5)	29.1	(0.7)	1.8	(0.8)
	Estonia	62.7	(0.5)	60.9	(0.7)	1.8	(0.8)	12.3	(0.3)	12.4	(0.7)	-0.1	(0.8)	25.0	(0.3)	26.7	(0.6)	-1.7	(0.6)
	Hong Kong-China	a	a	62.6	(0.4)	a	a	a	a	14.0	(0.3)	a	a	a	a	23.4	(0.3)	a	a
	Indonesia	56.7	(0.6)	59.4	(2.2)	-2.7	(2.3)	16.5	(0.5)	15.5	(1.4)	1.0	(1.5)	26.8	(0.4)	25.1	(0.8)	1.7	(0.9)
	Israel	50.7	(0.9)	52.3	(1.0)	-1.6	(1.4)	23.5	(0.5)	22.5	(0.4)	1.0	(0.7)	25.8	(0.6)	25.2	(0.7)	0.6	(0.9)
	Jordan	42.3	(0.6)	44.5	(1.0)	-2.3	(1.3)	22.9	(0.6)	21.5	(0.8)	1.4	(1.1)	34.8	(0.5)	34.0	(0.7)	0.8	(0.9)
	Kyrgyzstan	40.0	(0.5)	51.7	(1.8)	-11.7	(1.9)	25.3	(0.6)	18.4	(1.3)	6.8	(1.4)	34.7	(0.5)	29.8	(1.1)	4.9	(1.1)
	Latvia	58.0	(0.5)	58.8	(0.6)	-0.9	(0.8)	13.2	(0.5)	13.5	(0.5)	-0.3	(0.7)	28.8	(0.4)	27.7	(0.4)	1.1	(0.6)
	Liechtenstein	67.1	(1.2)	a	a	a	a	7.9	(0.6)	a	a	a	a	24.9	(1.0)	a	a	a	a
	Lithuania	60.3	(0.5)	61.4	(0.5)	-1.1	(0.7)	12.1	(0.4)	10.6	(0.4)	1.5	(0.6)	27.6	(0.4)	28.1	(0.6)	-0.4	(0.7)
	Macao-China	66.6	(0.8)	66.2	(0.4)	0.4	(0.9)	13.2	(0.5)	11.6	(0.3)	1.6	(0.6)	20.3	(0.6)	22.2	(0.3)	-2.0	(0.6)
	Montenegro	52.3	(0.4)	52.8	(0.9)	-0.5	(0.9)	13.2	(0.3)	13.8	(0.7)	-0.6	(0.8)	34.5	(0.4)	33.4	(0.7)	1.1	(0.7)
	Qatar	42.7	(0.4)	45.3	(0.5)	-2.6	(0.7)	25.5	(0.4)	23.6	(0.5)	1.8	(0.7)	31.8	(0.3)	31.0	(0.4)	0.8	(0.6)
	Romania	49.1	(0.7)	50.0	(0.9)	-0.9	(1.2)	20.3	(0.5)	19.2	(0.6)	1.2	(0.8)	30.6	(0.4)	30.9	(0.6)	-0.3	(0.8)
	Russian Federation	52.7	(0.7)	55.6	(0.7)	-2.9	(0.8)	16.4	(0.8)	14.8	(0.6)	1.6	(0.8)	30.9	(0.6)	29.6	(0.6)	1.3	(0.8)
	Serbia	59.2	(0.6)	59.3	(0.7)	-0.1	(0.9)	12.9	(0.3)	13.1	(0.5)	-0.2	(0.6)	27.9	(0.5)	27.6	(0.5)	0.3	(0.7)
	Slovenia	54.7	(0.4)	57.0	(0.5)	-2.2	(0.7)	14.9	(0.3)	13.6	(0.4)	1.3	(0.5)	30.4	(0.4)	29.4	(0.4)	1.0	(0.6)
	Chinese Taipei	62.3	(0.9)	58.4	(0.5)	4.0	(1.2)	14.4	(0.7)	18.2	(0.4)	-3.7	(1.0)	23.2	(0.5)	23.5	(0.3)	-0.2	(0.6)
	Thailand	63.3	(0.5)	63.6	(0.7)	-0.2	(1.0)	10.5	(0.4)	11.1	(0.8)	-0.6	(1.1)	26.2	(0.3)	25.3	(0.6)	0.9	(0.7)
	Tunisia	41.6	(0.4)	42.4	(1.2)	-0.8	(1.3)	26.9	(0.3)	27.9	(0.8)	-1.0	(0.9)	31.5	(0.4)	29.7	(0.8)	1.8	(1.0)
	Uruguay	60.6	(0.6)	61.1	(0.5)	-0.5	(0.8)	12.4	(0.5)	12.5	(0.4)	-0.1	(0.6)	27.0	(0.4)	26.5	(0.4)	0.6	(0.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13c Mean learning hours and allocation of total learning time on the language of instruction, by school location
[Part 1/3]

	Mean learning hours per week												
	Regular school lessons						Out-of-school-time lessons						
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	3.97	(0.05)	4.12	(0.04)	-0.15	(0.07)	0.64	(0.02)	0.67	(0.02)	-0.04	(0.03)
	Austria	2.84	(0.04)	2.94	(0.09)	-0.10	(0.10)	0.24	(0.02)	0.22	(0.03)	0.02	(0.04)
	Belgium	3.39	(0.04)	3.82	(0.10)	-0.43	(0.13)	0.44	(0.02)	0.51	(0.04)	-0.07	(0.05)
	Canada	4.44	(0.04)	4.44	(0.07)	0.00	(0.08)	0.84	(0.02)	0.91	(0.04)	-0.07	(0.04)
	Czech Republic	3.73	(0.04)	3.69	(0.10)	0.04	(0.11)	0.63	(0.02)	0.52	(0.04)	0.11	(0.04)
	Denmark	5.51	(0.05)	5.56	(0.10)	-0.05	(0.11)	1.70	(0.04)	1.69	(0.10)	0.01	(0.10)
	Finland	3.13	(0.05)	3.14	(0.10)	-0.01	(0.11)	0.37	(0.02)	0.35	(0.02)	0.01	(0.03)
	France	a	a	4.01	(0.03)	a	a	a	a	0.77	(0.02)	a	a
	Germany	3.69	(0.04)	3.58	(0.06)	0.12	(0.08)	0.59	(0.03)	0.62	(0.07)	-0.03	(0.08)
	Greece	3.13	(0.06)	3.26	(0.08)	-0.13	(0.11)	1.63	(0.05)	1.62	(0.07)	0.01	(0.09)
	Hungary	3.12	(0.06)	3.27	(0.08)	-0.15	(0.10)	1.31	(0.04)	1.31	(0.04)	0.01	(0.06)
	Iceland	4.51	(0.03)	4.58	(0.04)	-0.07	(0.05)	0.46	(0.02)	0.50	(0.03)	-0.04	(0.04)
	Ireland	3.54	(0.04)	3.58	(0.06)	-0.05	(0.07)	0.67	(0.03)	0.54	(0.05)	0.13	(0.06)
	Italy	4.61	(0.04)	4.62	(0.08)	-0.01	(0.09)	0.82	(0.03)	0.71	(0.04)	0.11	(0.05)
	Japan	3.67	(0.07)	3.90	(0.07)	-0.22	(0.11)	0.45	(0.04)	0.42	(0.03)	0.03	(0.05)
	Korea	4.37	(0.13)	4.49	(0.05)	-0.12	(0.13)	1.16	(0.11)	1.50	(0.04)	-0.34	(0.12)
	Luxembourg	3.49	(0.03)	3.69	(0.09)	-0.20	(0.09)	0.60	(0.02)	0.53	(0.06)	0.07	(0.06)
	Mexico	3.54	(0.05)	3.92	(0.05)	-0.38	(0.08)	1.23	(0.04)	0.98	(0.04)	0.25	(0.06)
	Netherlands	2.94	(0.03)	2.85	(0.06)	0.09	(0.08)	0.64	(0.03)	0.63	(0.06)	0.01	(0.07)
	New Zealand	4.38	(0.04)	4.40	(0.04)	-0.02	(0.06)	0.62	(0.05)	0.68	(0.02)	-0.05	(0.05)
	Norway	3.57	(0.04)	3.74	(0.09)	-0.17	(0.10)	1.15	(0.03)	1.27	(0.08)	-0.12	(0.08)
	Poland	4.58	(0.04)	4.83	(0.06)	-0.25	(0.07)	0.72	(0.03)	0.65	(0.04)	0.07	(0.05)
	Portugal	3.24	(0.03)	3.38	(0.07)	-0.15	(0.08)	0.59	(0.02)	0.47	(0.04)	0.12	(0.05)
	Slovak Republic	3.15	(0.06)	2.94	(0.14)	0.20	(0.16)	0.89	(0.03)	0.87	(0.09)	0.02	(0.10)
	Spain	3.59	(0.04)	3.63	(0.06)	-0.05	(0.08)	0.61	(0.03)	0.54	(0.04)	0.07	(0.05)
	Sweden	3.10	(0.04)	3.13	(0.07)	-0.03	(0.07)	0.66	(0.02)	0.73	(0.04)	-0.07	(0.05)
	Switzerland	3.66	(0.04)	3.66	(0.16)	0.01	(0.16)	0.49	(0.02)	0.46	(0.07)	0.03	(0.08)
	Turkey	3.97	(0.09)	4.01	(0.08)	-0.04	(0.13)	1.85	(0.07)	1.78	(0.07)	0.07	(0.10)
	United Kingdom	3.90	(0.04)	3.83	(0.08)	0.07	(0.09)	0.52	(0.02)	0.70	(0.05)	-0.18	(0.05)
	United States	3.72	(0.05)	3.49	(0.08)	0.23	(0.10)	1.04	(0.03)	1.25	(0.06)	-0.21	(0.07)
	OECD average	3.74	(0.01)	3.82	(0.01)	-0.07	(0.02)	0.81	(0.01)	0.81	(0.01)	-0.00	(0.01)
Partners	Argentina	2.30	(0.06)	2.53	(0.10)	-0.23	(0.12)	0.46	(0.04)	0.38	(0.04)	0.08	(0.06)
	Azerbaijan	3.60	(0.05)	4.00	(0.08)	-0.40	(0.10)	1.79	(0.05)	1.84	(0.10)	-0.05	(0.11)
	Brazil	3.00	(0.06)	3.24	(0.05)	-0.24	(0.07)	1.17	(0.03)	1.21	(0.05)	-0.03	(0.06)
	Bulgaria	2.84	(0.06)	3.03	(0.06)	-0.19	(0.09)	1.10	(0.05)	1.08	(0.05)	0.02	(0.07)
	Chile	3.29	(0.12)	3.54	(0.08)	-0.25	(0.16)	1.15	(0.06)	0.89	(0.03)	0.26	(0.06)
	Colombia	3.94	(0.08)	3.92	(0.07)	0.02	(0.11)	1.18	(0.04)	1.11	(0.04)	0.06	(0.06)
	Croatia	3.31	(0.05)	3.37	(0.06)	-0.06	(0.08)	0.42	(0.02)	0.34	(0.03)	0.08	(0.03)
	Estonia	3.50	(0.04)	3.43	(0.06)	0.07	(0.07)	0.90	(0.03)	0.84	(0.05)	0.06	(0.06)
	Hong Kong-China	a	a	5.19	(0.04)	a	a	a	a	0.81	(0.03)	a	a
	Indonesia	3.67	(0.07)	3.49	(0.09)	0.19	(0.12)	1.31	(0.04)	0.98	(0.08)	0.33	(0.08)
	Israel	3.03	(0.06)	3.03	(0.07)	-0.00	(0.09)	1.41	(0.05)	1.22	(0.06)	0.19	(0.09)
	Jordan	3.47	(0.08)	3.71	(0.09)	-0.24	(0.13)	1.85	(0.05)	1.66	(0.07)	0.19	(0.09)
	Kyrgyzstan	2.66	(0.06)	3.22	(0.13)	-0.57	(0.14)	1.77	(0.04)	1.38	(0.09)	0.39	(0.10)
	Latvia	3.77	(0.05)	3.55	(0.06)	0.22	(0.09)	0.93	(0.05)	0.77	(0.03)	0.16	(0.06)
	Liechtenstein	3.68	(0.09)	a	a	a	a	0.30	(0.04)	a	a	a	a
	Lithuania	3.62	(0.04)	3.72	(0.06)	-0.11	(0.07)	0.72	(0.03)	0.56	(0.02)	0.16	(0.04)
	Macao-China	5.24	(0.07)	5.33	(0.03)	-0.10	(0.08)	1.14	0.05	1.04	(0.03)	0.10	(0.07)
	Montenegro	2.91	(0.04)	2.97	(0.07)	-0.05	(0.08)	0.74	(0.02)	0.75	(0.04)	-0.01	(0.05)
	Qatar	2.79	(0.04)	3.26	(0.06)	-0.47	(0.07)	1.60	(0.03)	1.57	(0.05)	0.03	(0.05)
	Romania	3.23	(0.07)	3.36	(0.10)	-0.13	(0.13)	1.57	(0.05)	1.46	(0.05)	0.11	(0.08)
	Russian Federation	2.06	(0.04)	2.01	(0.06)	0.06	(0.06)	0.89	(0.03)	0.72	(0.03)	0.17	(0.04)
	Serbia	3.14	(0.05)	3.23	(0.06)	-0.09	(0.09)	0.98	(0.03)	0.85	(0.04)	0.13	(0.05)
	Slovenia	3.18	(0.03)	3.37	(0.04)	-0.20	(0.05)	0.79	(0.02)	0.64	(0.03)	0.16	(0.03)
	Chinese Taipei	4.19	(0.11)	4.46	(0.09)	-0.27	(0.17)	0.68	(0.04)	0.70	(0.03)	-0.02	(0.05)
	Thailand	3.16	(0.05)	2.94	(0.13)	0.22	(0.18)	0.63	(0.03)	0.36	(0.04)	0.27	(0.05)
	Tunisia	3.16	(0.06)	3.07	(0.15)	0.09	(0.16)	1.88	(0.04)	1.32	(0.12)	0.56	(0.12)
	Uruguay	2.73	(0.06)	2.75	(0.04)	-0.02	(0.07)	0.67	(0.03)	0.62	(0.03)	0.05	(0.05)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.13c Mean learning hours and allocation of total learning time on the language of instruction, by school location
[Part 2/3]

	Mean learning hours per week												
	Individual study						Total learning hours						
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	
OECD	Australia	1.53	(0.03)	1.83	(0.03)	-0.29	(0.05)	6.15	(0.07)	6.61	(0.06)	-0.47	(0.11)
	Austria	1.54	(0.04)	1.55	(0.07)	-0.01	(0.08)	4.63	(0.07)	4.73	(0.16)	-0.10	(0.18)
	Belgium	1.32	(0.02)	1.46	(0.04)	-0.14	(0.05)	5.16	(0.06)	5.80	(0.13)	-0.64	(0.16)
	Canada	1.58	(0.03)	1.98	(0.05)	-0.40	(0.07)	6.90	(0.07)	7.34	(0.11)	-0.45	(0.14)
	Czech Republic	1.17	(0.03)	1.08	(0.04)	0.10	(0.05)	5.53	(0.06)	5.28	(0.14)	0.25	(0.15)
	Denmark	2.16	(0.03)	2.20	(0.09)	-0.03	(0.10)	9.37	(0.09)	9.44	(0.19)	-0.07	(0.21)
	Finland	1.13	(0.02)	1.15	(0.05)	-0.01	(0.05)	4.63	(0.07)	4.64	(0.13)	-0.01	(0.14)
	France	a	a	1.51	(0.02)	a	a	a	a	6.30	(0.04)	a	a
	Germany	1.88	(0.03)	1.88	(0.06)	-0.00	(0.08)	6.18	(0.07)	6.11	(0.15)	0.06	(0.18)
	Greece	1.97	(0.04)	1.88	(0.05)	0.08	(0.07)	6.74	(0.12)	6.77	(0.15)	-0.03	(0.22)
	Hungary	1.87	(0.04)	1.84	(0.06)	0.04	(0.07)	6.33	(0.12)	6.42	(0.14)	-0.09	(0.20)
	Iceland	1.55	(0.03)	1.54	(0.04)	0.01	(0.05)	6.52	(0.05)	6.61	(0.08)	-0.09	(0.10)
	Ireland	1.74	(0.04)	1.78	(0.06)	-0.03	(0.07)	5.96	(0.08)	5.90	(0.13)	0.06	(0.15)
	Italy	2.98	(0.04)	2.90	(0.09)	0.08	(0.10)	8.42	(0.08)	8.23	(0.16)	0.19	(0.19)
	Japan	0.89	(0.05)	0.97	(0.04)	-0.09	(0.07)	5.02	(0.12)	5.28	(0.11)	-0.26	(0.18)
	Korea	1.20	(0.07)	1.44	(0.03)	-0.25	(0.08)	6.77	(0.24)	7.44	(0.10)	-0.67	(0.26)
	Luxembourg	1.39	(0.02)	1.36	(0.07)	0.03	(0.07)	5.47	(0.04)	5.57	(0.16)	-0.10	(0.17)
	Mexico	2.09	(0.04)	2.02	(0.04)	0.07	(0.06)	6.84	(0.10)	6.90	(0.11)	-0.07	(0.15)
	Netherlands	1.30	(0.03)	1.42	(0.04)	-0.12	(0.05)	4.89	(0.06)	4.88	(0.13)	0.01	(0.16)
	New Zealand	1.49	(0.05)	1.65	(0.03)	-0.16	(0.07)	6.51	(0.11)	6.72	(0.07)	-0.21	(0.14)
	Norway	1.42	(0.03)	1.63	(0.09)	-0.22	(0.10)	6.13	(0.07)	6.61	(0.19)	-0.48	(0.21)
	Poland	2.23	(0.03)	2.20	(0.06)	0.03	(0.07)	7.52	(0.06)	7.67	(0.10)	-0.15	(0.12)
	Portugal	1.81	(0.03)	1.72	(0.07)	0.08	(0.08)	5.65	(0.06)	5.57	(0.11)	0.08	(0.12)
	Slovak Republic	1.77	(0.04)	1.57	(0.11)	0.20	(0.12)	5.81	(0.09)	5.36	(0.30)	0.46	(0.32)
	Spain	1.87	(0.04)	1.91	(0.05)	-0.04	(0.06)	6.10	(0.08)	6.11	(0.08)	-0.01	(0.12)
	Sweden	1.22	(0.02)	1.39	(0.06)	-0.16	(0.07)	4.98	(0.06)	5.27	(0.14)	-0.29	(0.16)
	Switzerland	1.40	(0.02)	1.39	(0.06)	0.01	(0.06)	5.56	(0.05)	5.51	(0.25)	0.05	(0.26)
Turkey	2.24	(0.06)	2.11	(0.07)	0.13	(0.09)	8.04	(0.18)	7.88	(0.17)	0.16	(0.26)	
United Kingdom	1.55	(0.03)	1.67	(0.07)	-0.12	(0.07)	5.97	(0.06)	6.20	(0.14)	-0.22	(0.15)	
United States	1.79	(0.04)	2.00	(0.05)	-0.21	(0.07)	6.62	(0.07)	6.73	(0.12)	-0.11	(0.15)	
OECD average	1.66	(0.01)	1.70	(0.01)	-0.05	(0.01)	6.22	(0.02)	6.33	(0.03)	-0.11	(0.03)	
Partners	Argentina	1.61	(0.05)	1.66	(0.06)	-0.05	(0.07)	4.36	(0.09)	4.57	(0.14)	-0.22	(0.17)
	Azerbaijan	3.10	(0.05)	3.11	(0.11)	-0.01	(0.12)	8.55	(0.12)	9.01	(0.25)	-0.45	(0.27)
	Brazil	1.77	(0.04)	1.72	(0.04)	0.04	(0.06)	5.93	(0.08)	6.16	(0.12)	-0.23	(0.14)
	Bulgaria	1.96	(0.07)	2.22	(0.09)	-0.26	(0.11)	5.92	(0.15)	6.37	(0.15)	-0.46	(0.21)
	Chile	1.65	(0.05)	1.49	(0.04)	0.16	(0.06)	6.10	(0.18)	5.95	(0.10)	0.15	(0.22)
	Colombia	1.82	(0.06)	1.85	(0.05)	-0.03	(0.08)	6.95	(0.11)	6.88	(0.12)	0.07	(0.16)
	Croatia	1.60	(0.03)	1.54	(0.06)	0.06	(0.07)	5.35	(0.07)	5.27	(0.12)	0.08	(0.14)
	Estonia	1.59	(0.03)	1.69	(0.04)	-0.10	(0.05)	6.00	(0.07)	5.97	(0.11)	0.03	(0.12)
	Hong Kong-China	a	a	1.64	(0.03)	a	a	a	a	7.64	(0.08)	a	a
	Indonesia	1.84	(0.04)	1.59	(0.09)	0.25	(0.10)	6.82	(0.11)	6.03	(0.19)	0.79	(0.24)
	Israel	1.68	(0.05)	1.62	(0.07)	0.06	(0.10)	6.12	(0.13)	5.91	(0.17)	0.21	(0.22)
	Jordan	2.69	(0.06)	2.44	(0.06)	0.25	(0.09)	8.01	(0.13)	7.79	(0.13)	0.22	(0.19)
	Kyrgyzstan	2.35	(0.04)	2.28	(0.07)	0.07	(0.08)	6.86	(0.11)	6.92	(0.22)	-0.06	(0.25)
	Latvia	2.07	(0.03)	1.87	(0.07)	0.20	(0.08)	6.77	(0.10)	6.20	(0.12)	0.56	(0.17)
	Liechtenstein	1.22	(0.06)	a	a	a	a	5.20	(0.10)	a	a	a	a
	Lithuania	1.81	(0.04)	1.83	(0.06)	-0.02	(0.07)	6.13	(0.07)	6.12	(0.10)	0.01	(0.12)
	Macao-China	1.44	(0.05)	1.50	(0.03)	-0.06	(0.06)	7.82	(0.12)	7.87	(0.06)	-0.06	(0.13)
	Montenegro	1.98	(0.03)	2.01	(0.06)	-0.03	(0.07)	5.62	(0.08)	5.73	(0.13)	-0.10	(0.15)
	Qatar	2.04	(0.03)	2.06	(0.06)	-0.02	(0.06)	6.43	(0.07)	6.89	(0.12)	-0.45	(0.14)
	Romania	2.17	(0.05)	2.21	(0.07)	-0.05	(0.09)	6.99	(0.13)	7.04	(0.17)	-0.05	(0.24)
Russian Federation	1.64	(0.05)	1.42	(0.04)	0.23	(0.06)	4.57	(0.09)	4.13	(0.09)	0.45	(0.13)	
Serbia	1.73	(0.04)	1.66	(0.04)	0.07	(0.06)	5.84	(0.09)	5.73	(0.10)	0.11	(0.15)	
Slovenia	1.52	(0.02)	1.41	(0.03)	0.11	(0.03)	5.51	(0.05)	5.43	(0.07)	0.08	(0.08)	
Chinese Taipei	1.64	(0.05)	1.83	(0.04)	-0.19	(0.07)	6.54	(0.15)	7.03	(0.12)	-0.49	(0.23)	
Thailand	1.79	(0.04)	1.47	(0.06)	0.32	(0.09)	5.57	(0.10)	4.76	(0.19)	0.81	(0.27)	
Tunisia	2.20	(0.04)	1.74	(0.10)	0.46	(0.11)	7.25	(0.10)	6.13	(0.24)	1.13	(0.26)	
Uruguay	1.40	(0.03)	1.29	(0.03)	0.11	(0.05)	4.82	(0.09)	4.68	(0.08)	0.14	(0.12)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13c Mean learning hours and allocation of total learning time on the language of instruction, by school location

		Allocation of total learning time on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	68.3	(0.5)	66.3	(0.4)	2.0	(0.6)	8.5	(0.3)	8.1	(0.2)	0.4	(0.4)	23.2	(0.3)	25.6	(0.3)	-2.4	(0.5)
	Austria	65.3	(0.6)	65.9	(0.7)	-0.6	(1.0)	3.5	(0.4)	2.9	(0.3)	0.6	(0.5)	31.1	(0.6)	31.2	(0.6)	-0.0	(0.9)
	Belgium	67.3	(0.4)	67.1	(0.8)	0.1	(0.9)	6.9	(0.2)	7.6	(0.6)	-0.7	(0.7)	25.8	(0.3)	25.3	(0.6)	0.6	(0.7)
	Canada	67.3	(0.4)	63.1	(0.5)	4.1	(0.6)	10.9	(0.2)	10.8	(0.4)	0.1	(0.5)	21.9	(0.3)	26.1	(0.4)	-4.3	(0.5)
	Czech Republic	71.2	(0.5)	74.0	(0.8)	-2.9	(1.0)	9.3	(0.2)	7.6	(0.4)	1.7	(0.5)	19.5	(0.4)	18.4	(0.8)	1.1	(0.9)
	Denmark	62.3	(0.4)	62.1	(1.1)	0.2	(1.1)	16.0	(0.3)	15.9	(0.8)	0.1	(0.8)	21.7	(0.2)	22.0	(0.7)	-0.3	(0.7)
	Finland	70.8	(0.4)	70.2	(1.0)	0.6	(1.1)	6.2	(0.2)	6.1	(0.5)	0.1	(0.5)	23.0	(0.3)	23.7	(0.7)	-0.7	(0.8)
	France	a	a	67.0	(0.4)	a	a	a	a	10.7	(0.3)	a	a	a	a	22.3	(0.3)	a	a
	Germany	62.6	(0.5)	61.8	(0.9)	0.9	(1.2)	7.8	(0.4)	8.1	(0.8)	-0.3	(1.0)	29.6	(0.3)	30.2	(0.6)	-0.5	(0.7)
	Greece	50.2	(0.7)	52.6	(1.0)	-2.4	(1.2)	21.8	(0.4)	21.1	(0.7)	0.7	(0.9)	28.0	(0.4)	26.3	(0.7)	1.7	(0.8)
	Hungary	52.1	(0.7)	54.6	(0.6)	-2.4	(1.0)	18.8	(0.5)	17.6	(0.5)	1.3	(0.8)	29.0	(0.4)	27.8	(0.4)	1.2	(0.6)
	Iceland	71.8	(0.4)	71.7	(0.5)	0.2	(0.7)	5.9	(0.3)	6.4	(0.4)	-0.5	(0.4)	22.2	(0.3)	21.9	(0.4)	0.3	(0.5)
	Ireland	63.8	(0.5)	65.4	(0.9)	-1.6	(1.0)	8.7	(0.3)	6.7	(0.5)	2.0	(0.6)	27.5	(0.4)	27.9	(0.6)	-0.4	(0.7)
	Italy	56.8	(0.3)	58.3	(0.4)	-1.5	(0.6)	8.5	(0.3)	7.6	(0.4)	1.0	(0.5)	34.7	(0.2)	34.2	(0.4)	0.5	(0.5)
	Japan	77.8	(0.8)	78.3	(0.6)	-0.5	(1.0)	6.8	(0.5)	6.1	(0.4)	0.7	(0.6)	15.4	(0.6)	15.6	(0.5)	-0.3	(0.8)
	Korea	70.2	(1.4)	65.7	(0.5)	4.6	(1.5)	13.9	(1.1)	16.9	(0.4)	-3.0	(1.2)	15.9	(0.6)	17.4	(0.3)	-1.6	(0.6)
	Luxembourg	67.2	(0.3)	68.2	(1.2)	-1.0	(1.2)	8.9	(0.2)	8.0	(0.8)	1.0	(0.8)	23.9	(0.3)	23.9	(0.9)	0.0	(0.9)
	Mexico	52.1	(0.6)	57.8	(0.6)	-5.7	(0.8)	16.5	(0.5)	12.7	(0.4)	3.8	(0.7)	31.3	(0.4)	29.5	(0.4)	1.9	(0.5)
	Netherlands	63.6	(0.5)	61.5	(0.9)	2.1	(1.0)	10.9	(0.4)	10.5	(0.8)	0.5	(1.0)	25.5	(0.3)	28.1	(0.7)	-2.6	(0.8)
	New Zealand	71.4	(0.7)	69.1	(0.5)	2.3	(0.8)	7.7	(0.4)	8.2	(0.3)	-0.5	(0.5)	20.9	(0.4)	22.7	(0.4)	-1.8	(0.6)
Norway	62.4	(0.5)	60.1	(1.2)	2.3	(1.3)	16.4	(0.3)	17.2	(0.9)	-0.8	(0.9)	21.2	(0.4)	22.7	(0.9)	-1.5	(1.0)	
Poland	63.1	(0.4)	65.0	(0.7)	-1.9	(0.8)	8.7	(0.4)	8.0	(0.5)	0.7	(0.6)	28.2	(0.3)	27.0	(0.6)	1.2	(0.7)	
Portugal	60.2	(0.5)	63.7	(1.1)	-3.5	(1.2)	9.2	(0.4)	7.1	(0.6)	2.0	(0.8)	30.6	(0.3)	29.2	(1.0)	1.4	(1.1)	
Slovak Republic	58.7	(0.6)	60.3	(1.4)	-1.6	(1.6)	12.6	(0.4)	13.3	(0.8)	-0.7	(0.9)	28.7	(0.6)	26.4	(1.0)	2.3	(1.2)	
Spain	62.5	(0.4)	62.8	(0.7)	-0.3	(0.9)	8.5	(0.3)	7.5	(0.5)	1.0	(0.7)	28.9	(0.3)	29.6	(0.5)	-0.7	(0.6)	
Sweden	67.3	(0.6)	64.6	(1.0)	2.6	(1.2)	10.2	(0.3)	10.4	(0.4)	-0.1	(0.5)	22.5	(0.5)	25.0	(0.9)	-2.5	(1.0)	
Switzerland	67.4	(0.4)	68.2	(1.2)	-0.8	(1.3)	7.1	(0.3)	6.6	(0.9)	0.5	(1.0)	25.4	(0.3)	25.2	(0.7)	0.3	(0.8)	
Turkey	53.6	(0.9)	55.9	(0.9)	-2.3	(1.4)	20.3	(0.7)	19.3	(0.5)	1.0	(0.9)	26.1	(0.5)	24.8	(0.5)	1.3	(0.7)	
United Kingdom	68.6	(0.4)	65.5	(0.8)	3.1	(0.9)	7.0	(0.2)	9.0	(0.6)	-2.0	(0.7)	24.4	(0.3)	25.5	(0.6)	-1.1	(0.7)	
United States	57.6	(0.7)	52.8	(1.1)	4.8	(1.3)	14.8	(0.4)	17.9	(1.0)	-3.1	(1.1)	27.6	(0.4)	29.3	(0.5)	-1.7	(0.7)	
OECD average	63.9	(0.1)	64.0	(0.2)	0.0	(0.2)	10.8	(0.1)	10.5	(0.1)	0.3	(0.1)	25.3	(0.1)	25.5	(0.1)	-0.3	(0.1)	
Partners	Argentina	54.8	(0.8)	55.8	(1.1)	-1.0	(1.4)	8.7	(0.6)	7.0	(0.7)	1.7	(0.9)	36.4	(0.6)	37.2	(0.8)	-0.7	(1.1)
	Azerbaijan	44.2	(0.7)	47.3	(1.0)	-3.1	(1.2)	19.4	(0.5)	19.0	(0.8)	0.3	(0.9)	36.5	(0.6)	33.7	(0.7)	2.8	(0.9)
	Brazil	53.6	(0.6)	55.4	(0.7)	-1.8	(1.0)	17.7	(0.4)	17.8	(0.6)	-0.0	(0.7)	28.7	(0.5)	26.9	(0.4)	1.8	(0.7)
	Bulgaria	51.6	(0.7)	52.0	(0.7)	-0.4	(1.0)	16.3	(0.5)	14.0	(0.8)	2.3	(1.0)	32.1	(0.6)	34.0	(0.7)	-1.9	(0.9)
	Chile	54.1	(1.0)	59.6	(0.6)	-5.5	(1.3)	17.0	(0.7)	13.9	(0.5)	3.1	(0.8)	28.8	(0.7)	26.5	(0.4)	2.4	(0.9)
	Colombia	60.1	(0.8)	60.8	(0.9)	-0.7	(1.2)	15.1	(0.6)	13.6	(0.5)	1.5	(0.8)	24.7	(0.6)	25.6	(0.5)	-0.9	(0.8)
	Croatia	66.0	(0.5)	68.1	(0.8)	-2.1	(0.9)	6.4	(0.3)	4.9	(0.3)	1.4	(0.4)	27.6	(0.4)	26.9	(0.6)	0.7	(0.7)
	Estonia	62.1	(0.6)	61.0	(0.7)	1.1	(0.9)	13.2	(0.5)	12.7	(0.8)	0.5	(0.9)	24.7	(0.4)	26.3	(0.4)	-1.5	(0.6)
	Hong Kong-China	a	a	70.9	(0.4)	a	a	a	a	9.1	(0.3)	a	a	a	a	20.0	(0.3)	a	a
	Indonesia	55.6	(0.5)	59.6	(1.9)	-4.0	(1.9)	17.2	(0.5)	14.0	(1.0)	3.2	(0.9)	27.2	(0.4)	26.4	(1.2)	0.8	(1.3)
	Israel	52.9	(0.9)	55.9	(1.1)	-3.0	(1.7)	20.8	(0.6)	18.4	(0.6)	2.5	(1.0)	26.3	(0.6)	25.8	(0.8)	0.5	(1.1)
	Jordan	42.3	(0.8)	47.0	(1.2)	-4.7	(1.5)	23.2	(0.6)	20.6	(0.8)	2.6	(1.0)	34.5	(0.5)	32.3	(0.7)	2.1	(0.9)
	Kyrgyzstan	37.9	(0.5)	49.8	(1.4)	-11.9	(1.6)	27.7	(0.5)	18.3	(1.2)	9.4	(1.3)	34.5	(0.4)	31.9	(1.0)	2.5	(1.1)
	Latvia	58.6	(0.5)	60.5	(0.7)	-1.9	(0.9)	12.0	(0.5)	10.3	(0.4)	1.6	(0.7)	29.4	(0.4)	29.2	(0.7)	0.2	(0.8)
	Liechtenstein	70.4	(1.3)	a	a	a	a	5.3	(0.6)	a	a	a	a	24.3	(1.0)	a	a	a	a
	Lithuania	61.7	(0.5)	63.3	(0.7)	-1.5	(0.9)	10.7	(0.4)	8.6	(0.5)	2.1	(0.6)	27.6	(0.4)	28.1	(0.6)	-0.5	(0.8)
	Macao-China	70.9	(0.7)	71.5	(0.4)	-0.7	(0.9)	12.2	(0.5)	10.9	(0.3)	1.3	(0.7)	16.9	(0.5)	17.6	(0.3)	-0.7	(0.6)
	Montenegro	52.4	(0.4)	54.1	(0.8)	-1.8	(1.0)	11.7	(0.4)	10.9	(0.5)	0.8	(0.6)	35.9	(0.4)	34.9	(0.7)	1.0	(0.7)
	Qatar	43.9	(0.4)	47.6	(0.6)	-3.7	(0.8)	24.0	(0.4)	22.0	(0.5)	2.0	(0.7)	32.1	(0.4)	30.3	(0.5)	1.7	(0.6)
	Romania	49.8	(0.7)	51.5	(1.1)	-1.7	(1.3)	20.4	(0.7)	19.1	(0.7)	1.4	(1.0)	29.8	(0.4)	29.4	(0.6)	0.4	(0.7)
Russian Federation	46.3	(0.6)	51.0	(1.0)	-4.7	(1.1)	17.6	(0.7)	14.6	(0.7)	3.0	(0.9)	36.1	(0.6)	34.4	(0.9)	1.7	(0.9)	
Serbia	59.2	(0.5)	61.6	(0.7)	-2.3	(0.9)	13.5	(0.5)	12.0	(0.5)	1.5	(0.7)	27.3	(0.3)	26.5	(0.5)	0.8	(0.6)	
Slovenia	59.2	(0.5)	63.6	(0.6)	-4.4	(0.7)	13.0	(0.3)	10.5	(0.4)	2.6	(0.5)	27.7	(0.3)	25.9	(0.4)	1.8	(0.5)	
Chinese Taipei	66.3	(0.7)	66.0	(0.4)	0.3	(0.8)	9.1	(0.5)	8.8	(0.4)	0.3	(0.7)	24.6	(0.4)	25.2	(0.3)	-0.7	(0.5)	
Thailand	61.6	(0.5)	65.1	(1.1)	-3.5	(1.3)	8.1	(0.3)	5.2	(0.4)	3.0	(0.5)	30.3	(0.4)	29.7	(1.0)	0.5	(1.2)	
Tunisia	44.6	(0.7)	50.8	(2.2)	-6.2	(2.4)	24.4	(0.5)	19.5	(1.4)	4.9	(1.5)	31.0	(0.5)	29.7	(1.5)	1.3	(1.6)	
Uruguay	60.1	(0.6)	61.8	(0.8)	-1.7	(1.1)	11.3	(0.5)	11.2	(0.5)	0.1	(0.8)	28.5	(0.4)	27.0	(0.5)	1.6	(0.7)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.13d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location

[Part 1/3]

	Mean learning hours per week																
	Regular school lessons								Out-of-school-time lessons								
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Difference after accounting for ESCS and school average ESCS (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Difference after accounting for ESCS and school average ESCS (rural-city)		
	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	11.00	(0.14)	11.66	(0.10)	-0.66	(0.19)	-0.01	(0.21)	1.65	(0.05)	1.83	(0.05)	-0.18	(0.07)	-0.35	(0.09)
	Austria	8.36	(0.13)	8.97	(0.18)	-0.61	(0.25)	-0.31	(0.24)	0.95	(0.06)	0.94	(0.06)	0.01	(0.09)	-0.08	(0.09)
	Belgium	9.48	(0.12)	10.49	(0.36)	-1.01	(0.43)	-1.05	(0.35)	1.24	(0.04)	1.57	(0.10)	-0.33	(0.11)	-0.33	(0.10)
	Canada	12.91	(0.13)	13.08	(0.20)	-0.17	(0.23)	0.18	(0.20)	2.24	(0.04)	2.52	(0.09)	-0.28	(0.09)	-0.32	(0.10)
	Czech Republic	10.53	(0.13)	11.14	(0.27)	-0.62	(0.32)	0.14	(0.25)	1.93	(0.05)	1.69	(0.10)	0.24	(0.11)	0.18	(0.12)
	Denmark	13.15	(0.09)	13.49	(0.24)	-0.34	(0.27)	-0.25	(0.27)	3.83	(0.08)	4.05	(0.21)	-0.22	(0.23)	-0.32	(0.21)
	Finland	9.68	(0.11)	9.79	(0.27)	-0.11	(0.28)	0.11	(0.28)	1.06	(0.04)	1.04	(0.07)	0.02	(0.09)	-0.06	(0.10)
	France	a	a	10.71	(0.10)	a	a	a	a	a	a	2.24	(0.04)	a	a	a	a
	Germany	10.60	(0.11)	10.74	(0.17)	-0.13	(0.23)	-0.10	(0.20)	1.87	(0.07)	2.00	(0.16)	-0.13	(0.19)	-0.18	(0.14)
	Greece	9.64	(0.18)	10.19	(0.23)	-0.55	(0.33)	0.23	(0.24)	5.92	(0.16)	5.72	(0.20)	0.20	(0.28)	0.65	(0.27)
	Hungary	8.86	(0.15)	9.16	(0.20)	-0.30	(0.27)	0.46	(0.23)	3.67	(0.09)	3.49	(0.10)	0.18	(0.13)	0.02	(0.13)
	Iceland	12.29	(0.07)	12.22	(0.09)	0.07	(0.12)	0.12	(0.12)	1.44	(0.05)	1.58	(0.08)	-0.14	(0.09)	-0.05	(0.10)
	Ireland	9.75	(0.10)	9.78	(0.16)	-0.03	(0.18)	0.12	(0.20)	1.71	(0.06)	1.51	(0.09)	0.20	(0.11)	0.08	(0.10)
	Italy	11.26	(0.12)	11.30	(0.15)	-0.03	(0.20)	0.44	(0.21)	2.28	(0.06)	2.12	(0.08)	0.16	(0.11)	-0.02	(0.11)
	Japan	10.18	(0.23)	11.06	(0.20)	-0.88	(0.34)	0.18	(0.29)	1.37	(0.10)	1.41	(0.07)	-0.03	(0.12)	0.04	(0.13)
	Korea	12.08	(0.36)	12.87	(0.12)	-0.80	(0.40)	0.42	(0.45)	3.51	(0.26)	4.96	(0.09)	-1.45	(0.30)	0.54	(0.36)
	Luxembourg	9.71	(0.06)	9.73	(0.18)	-0.02	(0.18)	0.18	(0.19)	1.95	(0.04)	1.73	(0.13)	0.22	(0.13)	0.09	(0.14)
	Mexico	10.39	(0.15)	11.26	(0.15)	-0.87	(0.23)	0.21	(0.20)	3.67	(0.12)	2.92	(0.11)	0.75	(0.16)	0.10	(0.13)
	Netherlands	7.93	(0.08)	8.07	(0.21)	-0.14	(0.24)	0.10	(0.22)	1.87	(0.06)	1.92	(0.13)	-0.06	(0.15)	-0.22	(0.11)
	New Zealand	12.69	(0.13)	12.96	(0.12)	-0.27	(0.19)	0.20	(0.16)	1.58	(0.10)	1.88	(0.07)	-0.30	(0.13)	-0.42	(0.16)
	Norway	9.55	(0.09)	9.99	(0.22)	-0.43	(0.23)	-0.19	(0.23)	3.11	(0.06)	3.35	(0.17)	-0.23	(0.17)	-0.19	(0.19)
	Poland	11.55	(0.10)	12.24	(0.18)	-0.70	(0.21)	-0.37	(0.24)	2.11	(0.06)	2.10	(0.09)	0.01	(0.11)	-0.15	(0.12)
	Portugal	9.98	(0.13)	10.43	(0.26)	-0.45	(0.31)	0.60	(0.30)	1.99	(0.06)	2.01	(0.10)	-0.02	(0.12)	-0.22	(0.14)
	Slovak Republic	8.87	(0.16)	8.92	(0.54)	-0.06	(0.59)	0.91	(0.45)	2.38	(0.08)	2.57	(0.29)	-0.19	(0.31)	0.11	(0.29)
	Spain	9.94	(0.11)	10.46	(0.16)	-0.51	(0.19)	-0.06	(0.16)	2.37	(0.07)	2.05	(0.10)	0.32	(0.13)	0.27	(0.13)
	Sweden	8.97	(0.08)	9.09	(0.17)	-0.11	(0.19)	-0.07	(0.19)	1.75	(0.04)	1.90	(0.11)	-0.15	(0.12)	-0.13	(0.11)
	Switzerland	9.91	(0.09)	9.98	(0.40)	-0.06	(0.42)	0.50	(0.44)	1.61	(0.05)	1.39	(0.16)	0.21	(0.17)	-0.06	(0.15)
	Turkey	10.46	(0.25)	10.87	(0.30)	-0.41	(0.45)	0.78	(0.33)	5.08	(0.13)	5.36	(0.14)	-0.28	(0.21)	0.16	(0.17)
	United Kingdom	12.01	(0.09)	11.76	(0.22)	0.24	(0.24)	-0.00	(0.22)	1.53	(0.05)	1.97	(0.13)	-0.44	(0.14)	-0.32	(0.12)
	United States	11.21	(0.14)	10.50	(0.24)	0.70	(0.29)	0.62	(0.24)	2.82	(0.07)	3.41	(0.14)	-0.59	(0.16)	-0.57	(0.14)
	OECD average	10.45	(0.03)	10.76	(0.04)	-0.32	(0.05)	0.14	(0.05)	2.36	(0.02)	2.44	(0.02)	-0.09	(0.03)	-0.06	(0.03)
Partners	Argentina	7.34	(0.21)	8.04	(0.25)	-0.70	(0.34)	-0.06	(0.23)	1.73	(0.09)	1.56	(0.11)	0.17	(0.15)	0.10	(0.16)
	Azerbaijan	10.12	(0.14)	11.23	(0.24)	-1.12	(0.26)	-0.46	(0.31)	4.84	(0.11)	4.93	(0.20)	-0.09	(0.23)	0.02	(0.25)
	Brazil	8.15	(0.14)	8.90	(0.14)	-0.75	(0.22)	0.03	(0.17)	3.08	(0.07)	3.25	(0.13)	-0.17	(0.15)	-0.15	(0.17)
	Bulgaria	8.24	(0.20)	9.12	(0.27)	-0.88	(0.34)	0.72	(0.29)	3.24	(0.12)	3.16	(0.10)	0.08	(0.16)	-0.00	(0.16)
	Chile	8.76	(0.34)	9.60	(0.20)	-0.83	(0.42)	0.78	(0.35)	3.11	(0.10)	2.60	(0.06)	0.51	(0.11)	0.41	(0.13)
	Colombia	11.71	(0.31)	11.66	(0.23)	0.05	(0.39)	1.46	(0.41)	3.42	(0.10)	3.20	(0.10)	0.22	(0.14)	-0.06	(0.19)
	Croatia	8.28	(0.11)	8.70	(0.16)	-0.42	(0.20)	0.45	(0.24)	1.55	(0.06)	1.62	(0.08)	-0.07	(0.10)	-0.12	(0.12)
	Estonia	10.90	(0.11)	11.06	(0.18)	-0.16	(0.21)	0.30	(0.22)	2.64	(0.08)	2.60	(0.13)	0.03	(0.15)	-0.24	(0.17)
	Hong Kong-China	a	a	13.57	(0.11)	a	a	a	a	a	a	3.08	(0.08)	a	a	a	a
	Indonesia	10.89	(0.18)	11.38	(0.36)	-0.49	(0.40)	0.55	(0.37)	3.74	(0.11)	3.27	(0.35)	0.47	(0.38)	0.78	(0.38)
	Israel	9.46	(0.14)	9.75	(0.18)	-0.29	(0.24)	-0.26	(0.24)	4.59	(0.14)	4.23	(0.13)	0.36	(0.21)	0.30	(0.19)
	Jordan	10.03	(0.19)	10.86	(0.24)	-0.83	(0.34)	-0.21	(0.36)	5.19	(0.12)	4.96	(0.18)	0.23	(0.22)	0.20	(0.23)
	Kyrgyzstan	7.50	(0.17)	9.33	(0.38)	-1.83	(0.41)	-0.75	(0.47)	4.77	(0.09)	3.79	(0.24)	0.99	(0.26)	0.71	(0.29)
	Latvia	11.03	(0.13)	11.12	(0.21)	-0.09	(0.26)	0.29	(0.28)	2.75	(0.11)	2.65	(0.08)	0.10	(0.13)	-0.05	(0.12)
	Liechtenstein	10.29	(0.20)	a	a	a	a	a	a	1.27	(0.10)	a	a	a	a	a	a
	Lithuania	9.64	(0.12)	10.17	(0.16)	-0.53	(0.19)	0.40	(0.22)	2.05	(0.06)	1.75	(0.06)	0.30	(0.08)	-0.07	(0.10)
	Macao-China	14.04	(0.17)	14.55	(0.08)	-0.51	(0.19)	-0.42	(0.19)	3.55	(0.14)	3.19	(0.08)	0.35	(0.17)	0.38	(0.17)
	Montenegro	8.88	(0.10)	8.91	(0.16)	-0.03	(0.19)	0.28	(0.18)	2.71	(0.05)	2.64	(0.10)	0.07	(0.11)	0.00	(0.11)
	Qatar	8.40	(0.09)	9.65	(0.14)	-1.25	(0.16)	-0.51	(0.17)	4.95	(0.08)	4.79	(0.11)	0.16	(0.13)	-0.01	(0.13)
	Romania	8.37	(0.19)	8.78	(0.26)	-0.41	(0.34)	0.90	(0.34)	4.14	(0.12)	3.93	(0.11)	0.21	(0.18)	0.25	(0.20)
	Russian Federation	9.39	(0.15)	9.44	(0.19)	-0.05	(0.21)	0.53	(0.25)	3.20	(0.10)	2.87	(0.09)	0.34	(0.13)	0.33	(0.14)
	Serbia	9.08	(0.16)	9.69	(0.21)	-0.61	(0.30)	0.37	(0.23)	2.71	(0.07)	2.58	(0.09)	0.13	(0.11)	0.09	(0.12)
	Slovenia	9.22	(0.07)	9.70	(0.11)	-0.48	(0.12)	0.22	(0.13)	2.62	(0.06)	2.23	(0.07)	0.39	(0.10)	0.25	(0.10)
	Chinese Taipei	11.09	(0.34)	11.75	(0.26)	-0.65	(0.52)	1.07	(0.41)	2.50	(0.13)	3.26	(0.10)	-0.75	(0.20)	-0.31	(0.17)
	Thailand	10.57	(0.16)	11.01	(0.41)	-0.44	(0.54)	0.41	(0.60)	2.32	(0.10)	2.61	(0.22)	-0.28	(0.28)	0.39	(0.25)
	Tunisia	9.11	(0.13)	9.61	(0.45)	-0.51	(0.50)	0.66	(0.41)	6.16	(0.07)	5.89	(0.17)	0.27	(0.19)	0.35	(0.17)
	Uruguay	8.36	(0.13)	8.68	(0.13)	-0.32	(0.19)	0.28	(0.19)	2.11	(0.09)	2.05	(0.07)	0.06	(0.12)	-0.06	(0.11)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.13d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location

	Mean learning hours per week														
	Individual study							Total learning hours							
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Difference after accounting for ESCS and school average ESCS (rural-city)	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)			
	Mean	S.E.	Mean	S.E.	Dif.	S.E.		Dif.	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.
OECD	Australia	4.02	(0.07)	5.10	(0.09)	-1.09	(0.13)	-0.67	(0.13)	16.70	(0.18)	18.59	(0.18)	-1.89	(0.29)
	Austria	4.90	(0.09)	5.06	(0.12)	-0.16	(0.15)	-0.23	(0.15)	14.25	(0.20)	15.01	(0.28)	-0.77	(0.35)
	Belgium	4.32	(0.07)	4.63	(0.18)	-0.31	(0.20)	-0.33	(0.16)	15.08	(0.18)	16.67	(0.50)	-1.60	(0.60)
	Canada	4.76	(0.07)	6.01	(0.15)	-1.25	(0.18)	-0.99	(0.16)	20.03	(0.19)	21.65	(0.33)	-1.61	(0.40)
	Czech Republic	3.49	(0.07)	3.30	(0.13)	0.19	(0.16)	0.28	(0.16)	15.91	(0.19)	16.13	(0.44)	-0.22	(0.50)
	Denmark	4.95	(0.07)	5.22	(0.18)	-0.26	(0.20)	-0.18	(0.21)	21.88	(0.19)	22.70	(0.41)	-0.82	(0.50)
	Finland	3.39	(0.06)	3.46	(0.11)	-0.07	(0.12)	-0.04	(0.13)	14.13	(0.16)	14.28	(0.34)	-0.15	(0.35)
	France	a	a	4.56	(0.07)	a	a	a	a	a	a	17.55	(0.15)	a	a
	Germany	5.86	(0.10)	5.78	(0.13)	0.08	(0.16)	0.09	(0.16)	18.39	(0.19)	18.52	(0.26)	-0.14	(0.32)
	Greece	5.83	(0.11)	5.73	(0.15)	0.10	(0.19)	0.44	(0.17)	21.41	(0.38)	21.68	(0.44)	-0.28	(0.66)
	Hungary	5.31	(0.10)	5.24	(0.15)	0.07	(0.18)	0.30	(0.17)	17.89	(0.27)	17.88	(0.36)	0.01	(0.49)
	Iceland	4.45	(0.06)	4.38	(0.10)	0.07	(0.13)	0.07	(0.14)	18.21	(0.11)	18.17	(0.19)	0.04	(0.23)
	Ireland	4.70	(0.09)	4.74	(0.13)	-0.03	(0.17)	0.05	(0.18)	16.14	(0.18)	15.99	(0.29)	0.15	(0.34)
	Italy	7.57	(0.10)	7.44	(0.14)	0.13	(0.17)	0.82	(0.18)	21.13	(0.22)	20.90	(0.26)	0.22	(0.34)
	Japan	2.88	(0.16)	3.23	(0.13)	-0.35	(0.21)	0.21	(0.19)	14.45	(0.37)	15.69	(0.32)	-1.25	(0.54)
	Korea	4.01	(0.19)	5.10	(0.14)	-1.09	(0.25)	0.78	(0.28)	19.77	(0.67)	22.97	(0.28)	-3.20	(0.77)
	Luxembourg	4.36	(0.05)	4.02	(0.15)	0.34	(0.16)	0.33	(0.16)	16.03	(0.10)	15.46	(0.32)	0.57	(0.35)
	Mexico	6.47	(0.13)	6.37	(0.10)	0.10	(0.15)	0.01	(0.15)	20.35	(0.28)	20.48	(0.27)	-0.13	(0.39)
	Netherlands	3.87	(0.06)	4.34	(0.13)	-0.47	(0.14)	-0.41	(0.14)	13.66	(0.14)	14.24	(0.36)	-0.58	(0.39)
	New Zealand	4.03	(0.11)	4.76	(0.09)	-0.73	(0.16)	-0.39	(0.15)	18.33	(0.24)	19.62	(0.19)	-1.30	(0.33)
	Norway	3.99	(0.06)	4.55	(0.17)	-0.57	(0.19)	-0.30	(0.18)	16.62	(0.14)	17.79	(0.38)	-1.16	(0.42)
	Poland	6.36	(0.08)	6.27	(0.13)	0.08	(0.15)	0.14	(0.17)	20.04	(0.16)	20.64	(0.25)	-0.60	(0.30)
	Portugal	5.82	(0.10)	5.87	(0.17)	-0.05	(0.20)	0.16	(0.22)	17.84	(0.21)	18.27	(0.39)	-0.43	(0.48)
	Slovak Republic	4.83	(0.09)	4.71	(0.36)	0.12	(0.38)	0.64	(0.36)	16.12	(0.26)	16.20	(1.12)	-0.09	(1.20)
	Spain	5.47	(0.10)	5.76	(0.13)	-0.29	(0.15)	-0.14	(0.16)	17.91	(0.22)	18.34	(0.23)	-0.42	(0.30)
	Sweden	3.46	(0.05)	3.98	(0.13)	-0.52	(0.14)	-0.45	(0.14)	14.17	(0.12)	14.97	(0.32)	-0.80	(0.34)
	Switzerland	4.21	(0.04)	4.22	(0.12)	-0.00	(0.13)	-0.03	(0.13)	15.75	(0.12)	15.57	(0.51)	0.18	(0.52)
	Turkey	6.10	(0.11)	6.12	(0.14)	-0.02	(0.18)	0.30	(0.18)	21.50	(0.42)	22.27	(0.53)	-0.77	(0.77)
	United Kingdom	4.46	(0.07)	4.71	(0.16)	-0.25	(0.19)	-0.48	(0.16)	18.02	(0.14)	18.47	(0.37)	-0.45	(0.40)
	United States	5.39	(0.08)	5.98	(0.13)	-0.58	(0.16)	-0.62	(0.14)	19.61	(0.18)	19.88	(0.30)	-0.27	(0.35)
	OECD average	4.80	(0.02)	5.02	(0.03)	-0.23	(0.03)	-0.02	(0.03)	17.63	(0.05)	18.22	(0.07)	-0.61	(0.09)
Partners	Argentina	5.01	(0.13)	5.08	(0.15)	-0.06	(0.19)	0.04	(0.19)	14.06	(0.30)	14.70	(0.36)	-0.64	(0.48)
	Azerbaijan	8.66	(0.15)	8.86	(0.26)	-0.20	(0.30)	0.06	(0.40)	23.78	(0.30)	25.14	(0.57)	-1.36	(0.63)
	Brazil	5.21	(0.10)	5.23	(0.11)	-0.02	(0.16)	0.06	(0.16)	16.40	(0.24)	17.35	(0.31)	-0.95	(0.42)
	Bulgaria	5.88	(0.17)	6.63	(0.31)	-0.75	(0.35)	0.53	(0.28)	17.40	(0.41)	19.04	(0.56)	-1.64	(0.70)
	Chile	4.87	(0.13)	4.55	(0.09)	0.33	(0.16)	0.51	(0.19)	16.80	(0.49)	16.85	(0.27)	-0.05	(0.58)
	Colombia	5.62	(0.15)	5.52	(0.12)	0.10	(0.19)	0.25	(0.25)	20.75	(0.45)	20.37	(0.30)	0.39	(0.54)
	Croatia	4.85	(0.08)	4.87	(0.14)	-0.02	(0.16)	0.51	(0.19)	14.74	(0.18)	15.29	(0.28)	-0.55	(0.35)
	Estonia	4.97	(0.08)	5.50	(0.11)	-0.53	(0.13)	-0.50	(0.15)	18.54	(0.16)	19.15	(0.27)	-0.61	(0.31)
	Hong Kong-China	a	a	5.33	(0.08)	a	a	a	a	a	a	21.98	(0.21)	a	a
	Indonesia	5.67	(0.10)	5.12	(0.30)	0.55	(0.34)	0.71	(0.34)	20.24	(0.31)	19.74	(0.67)	0.51	(0.79)
	Israel	5.45	(0.16)	5.19	(0.17)	0.26	(0.25)	0.20	(0.24)	19.50	(0.35)	19.37	(0.38)	0.13	(0.53)
	Jordan	7.98	(0.15)	7.80	(0.17)	0.18	(0.23)	0.21	(0.25)	23.20	(0.32)	23.55	(0.32)	-0.35	(0.48)
	Kyrgyzstan	6.74	(0.10)	6.49	(0.22)	0.25	(0.24)	0.11	(0.27)	19.16	(0.27)	19.77	(0.58)	-0.60	(0.64)
	Latvia	6.32	(0.10)	6.10	(0.16)	0.21	(0.20)	0.32	(0.24)	20.10	(0.24)	19.87	(0.37)	0.23	(0.47)
	Liechtenstein	3.93	(0.15)	a	a	a	a	a	a	15.50	(0.24)	a	a	a	a
	Lithuania	5.22	(0.08)	5.35	(0.13)	-0.13	(0.16)	0.23	(0.20)	16.86	(0.18)	17.31	(0.24)	-0.45	(0.30)
	Macao-China	4.68	(0.12)	4.98	(0.08)	-0.30	(0.14)	-0.02	(0.14)	22.27	(0.27)	22.71	(0.17)	-0.44	(0.32)
	Montenegro	6.24	(0.09)	6.12	(0.14)	0.13	(0.16)	0.24	(0.16)	17.81	(0.18)	17.59	(0.28)	0.22	(0.32)
	Qatar	6.26	(0.07)	6.47	(0.12)	-0.22	(0.14)	-0.12	(0.15)	19.65	(0.19)	20.92	(0.29)	-1.27	(0.33)
	Romania	5.86	(0.14)	6.06	(0.18)	-0.20	(0.25)	0.41	(0.29)	18.40	(0.37)	18.74	(0.44)	-0.33	(0.64)
	Russian Federation	6.91	(0.16)	6.27	(0.14)	0.64	(0.19)	1.15	(0.20)	19.47	(0.31)	18.62	(0.30)	0.85	(0.40)
	Serbia	5.15	(0.11)	5.34	(0.13)	-0.20	(0.18)	0.34	(0.16)	16.93	(0.28)	17.57	(0.34)	-0.64	(0.50)
	Slovenia	5.04	(0.06)	4.77	(0.09)	0.27	(0.10)	0.45	(0.11)	16.95	(0.14)	16.71	(0.20)	0.24	(0.23)
	Chinese Taipei	4.44	(0.16)	5.11	(0.13)	-0.67	(0.24)	0.26	(0.22)	18.15	(0.58)	20.25	(0.45)	-2.10	(0.89)
	Thailand	5.40	(0.12)	5.08	(0.21)	0.32	(0.29)	0.59	(0.34)	18.26	(0.31)	18.69	(0.77)	-0.43	(1.03)
	Tunisia	7.37	(0.10)	6.96	(0.19)	0.40	(0.22)	0.44	(0.22)	22.69	(0.24)	22.52	(0.73)	0.17	(0.82)
	Uruguay	4.29	(0.09)	4.16	(0.08)	0.14	(0.13)	0.33	(0.13)	14.78	(0.22)	14.95	(0.19)	-0.16	(0.30)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.13d Mean learning hours and allocation of total learning time in science, in mathematics and on the language of instruction, by school location
[Part 3/3]

		Allocation of total learning time in science, in mathematics and on the language of instruction for																	
		Regular school lessons						Out-of-school-time lessons						Individual study					
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	68.3	(0.5)	65.4	(0.3)	2.8	(0.6)	8.8	(0.3)	8.6	(0.2)	0.2	(0.4)	23.0	(0.3)	26.0	(0.3)	-3.0	(0.5)
	Austria	61.6	(0.5)	62.4	(0.6)	-0.7	(0.9)	5.5	(0.3)	5.1	(0.3)	0.4	(0.4)	32.9	(0.4)	32.5	(0.5)	0.3	(0.7)
	Belgium	64.4	(0.3)	63.9	(0.6)	0.5	(0.7)	7.5	(0.2)	8.7	(0.6)	-1.2	(0.7)	28.1	(0.2)	27.4	(0.5)	0.7	(0.5)
	Canada	65.7	(0.3)	61.6	(0.5)	4.1	(0.5)	10.8	(0.2)	11.2	(0.4)	-0.4	(0.4)	23.5	(0.2)	27.2	(0.4)	-3.7	(0.5)
	Czech Republic	69.1	(0.5)	71.9	(0.6)	-2.8	(0.8)	10.5	(0.2)	9.0	(0.4)	1.5	(0.5)	20.5	(0.4)	19.1	(0.5)	1.3	(0.7)
	Denmark	62.5	(0.3)	61.7	(1.0)	0.8	(1.0)	15.9	(0.3)	16.2	(0.7)	-0.2	(0.8)	21.5	(0.2)	22.1	(0.6)	-0.6	(0.6)
	Finland	70.5	(0.3)	70.4	(0.8)	0.1	(0.9)	6.5	(0.2)	6.1	(0.4)	0.4	(0.5)	23.0	(0.2)	23.5	(0.5)	-0.5	(0.6)
	France	a	a	63.4	(0.3)	a	a	a	a	12.1	(0.2)	a	a	a	a	24.5	(0.3)	a	a
	Germany	59.5	(0.4)	60.0	(1.0)	-0.5	(1.1)	9.1	(0.4)	9.7	(0.7)	-0.6	(0.9)	31.4	(0.3)	30.3	(0.5)	1.1	(0.6)
	Greece	47.2	(0.5)	49.5	(0.9)	-2.3	(0.9)	26.1	(0.4)	25.1	(0.7)	1.0	(0.9)	26.7	(0.4)	25.4	(0.5)	1.3	(0.7)
	Hungary	51.5	(0.5)	53.6	(0.6)	-2.1	(0.8)	19.4	(0.4)	17.9	(0.4)	1.5	(0.6)	29.1	(0.3)	28.5	(0.4)	0.6	(0.5)
	Iceland	69.9	(0.4)	69.3	(0.5)	0.6	(0.6)	7.0	(0.2)	7.8	(0.3)	-0.9	(0.4)	23.1	(0.2)	22.9	(0.4)	0.3	(0.4)
	Ireland	63.2	(0.5)	64.1	(0.7)	-0.9	(0.8)	9.1	(0.3)	7.6	(0.3)	1.5	(0.5)	27.7	(0.4)	28.3	(0.6)	-0.6	(0.7)
	Italy	54.6	(0.3)	55.7	(0.4)	-1.1	(0.5)	10.1	(0.2)	9.4	(0.3)	0.7	(0.5)	35.3	(0.2)	34.9	(0.4)	0.4	(0.4)
	Japan	74.8	(0.8)	74.4	(0.5)	0.4	(0.9)	7.5	(0.4)	7.4	(0.3)	0.1	(0.6)	17.7	(0.6)	18.2	(0.5)	-0.5	(0.7)
	Korea	66.2	(1.2)	60.5	(0.5)	5.7	(1.4)	15.1	(1.0)	19.0	(0.3)	-3.8	(1.1)	18.7	(0.6)	20.5	(0.4)	-1.9	(0.7)
	Luxembourg	63.1	(0.3)	64.5	(0.9)	-1.4	(1.0)	10.8	(0.2)	10.0	(0.6)	0.8	(0.6)	26.1	(0.2)	25.5	(0.6)	0.6	(0.7)
	Mexico	51.3	(0.6)	55.9	(0.5)	-4.6	(0.8)	16.4	(0.4)	13.2	(0.4)	3.3	(0.6)	32.3	(0.4)	30.9	(0.4)	1.4	(0.5)
	Netherlands	60.4	(0.5)	58.9	(0.8)	1.5	(0.9)	12.5	(0.4)	11.7	(0.7)	0.8	(0.9)	27.2	(0.3)	29.4	(0.6)	-2.2	(0.7)
	New Zealand	71.5	(0.6)	68.2	(0.5)	3.3	(0.8)	7.7	(0.4)	8.7	(0.3)	-1.0	(0.5)	20.8	(0.3)	23.2	(0.3)	-2.3	(0.5)
	Norway	60.6	(0.4)	58.5	(1.0)	2.1	(1.0)	17.0	(0.3)	17.4	(0.9)	-0.4	(0.9)	22.4	(0.3)	24.1	(0.6)	-1.6	(0.7)
	Poland	59.5	(0.3)	61.0	(0.5)	-1.5	(0.6)	10.1	(0.3)	9.9	(0.5)	0.3	(0.5)	30.3	(0.3)	29.1	(0.5)	1.2	(0.6)
	Portugal	58.0	(0.5)	59.3	(0.7)	-1.3	(0.9)	10.3	(0.3)	10.0	(0.4)	0.4	(0.6)	31.7	(0.3)	30.8	(0.7)	0.9	(0.7)
	Slovak Republic	58.8	(0.5)	59.2	(1.2)	-0.4	(1.3)	12.7	(0.4)	13.4	(0.8)	-0.7	(0.9)	28.5	(0.4)	27.4	(0.8)	1.1	(0.9)
	Spain	58.7	(0.4)	59.6	(0.6)	-0.9	(0.8)	11.9	(0.3)	10.2	(0.5)	1.6	(0.6)	29.5	(0.3)	30.2	(0.4)	-0.7	(0.5)
	Sweden	66.8	(0.5)	64.0	(0.8)	2.8	(0.9)	10.2	(0.2)	10.4	(0.4)	-0.2	(0.5)	23.0	(0.4)	25.6	(0.6)	-2.6	(0.7)
	Switzerland	64.2	(0.4)	65.0	(1.0)	-0.9	(1.1)	9.1	(0.2)	7.7	(0.7)	1.3	(0.8)	26.8	(0.2)	27.3	(0.8)	-0.5	(0.9)
Turkey	51.3	(0.5)	51.6	(0.5)	-0.3	(0.7)	21.5	(0.4)	21.8	(0.3)	-0.3	(0.6)	27.2	(0.4)	26.6	(0.4)	0.7	(0.5)	
United Kingdom	68.7	(0.3)	66.1	(0.7)	2.6	(0.8)	7.5	(0.2)	9.2	(0.6)	-1.7	(0.7)	23.8	(0.3)	24.7	(0.5)	-0.9	(0.6)	
United States	57.4	(0.4)	52.2	(1.0)	5.2	(1.1)	14.2	(0.3)	17.2	(0.8)	-3.0	(0.9)	28.4	(0.3)	30.6	(0.4)	-2.2	(0.5)	
OECD average	62.0	(0.1)	61.7	(0.1)	0.4	(0.2)	11.7	(0.1)	11.7	(0.1)	0.0	(0.1)	26.2	(0.1)	26.6	(0.1)	-0.4	(0.1)	
Partners	Argentina	53.7	(0.7)	55.6	(0.9)	-1.9	(1.1)	11.1	(0.5)	9.7	(0.5)	1.4	(0.7)	35.2	(0.4)	34.7	(0.6)	0.4	(0.8)
	Azerbaijan	43.9	(0.6)	46.2	(0.9)	-2.4	(1.0)	19.8	(0.4)	19.3	(0.6)	0.6	(0.7)	36.3	(0.4)	34.5	(0.5)	1.8	(0.7)
	Brazil	52.4	(0.5)	53.8	(0.6)	-1.4	(0.8)	17.1	(0.3)	17.1	(0.5)	0.0	(0.6)	30.5	(0.4)	29.1	(0.3)	1.4	(0.5)
	Bulgaria	49.7	(0.7)	50.5	(0.6)	-0.7	(0.9)	17.7	(0.5)	15.4	(0.7)	2.2	(0.9)	32.6	(0.5)	34.1	(0.6)	-1.5	(0.7)
	Chile	51.8	(0.9)	56.4	(0.5)	-4.6	(1.1)	18.1	(0.5)	15.2	(0.4)	2.9	(0.7)	30.1	(0.5)	28.4	(0.4)	1.7	(0.7)
	Colombia	59.3	(0.7)	59.9	(0.8)	-0.7	(1.1)	15.0	(0.4)	13.9	(0.4)	1.1	(0.6)	25.8	(0.6)	26.2	(0.5)	-0.4	(0.8)
	Croatia	59.6	(0.4)	60.4	(0.7)	-0.8	(0.9)	9.6	(0.4)	9.7	(0.4)	-0.1	(0.5)	30.8	(0.3)	29.9	(0.6)	0.9	(0.7)
	Estonia	61.4	(0.5)	59.5	(0.7)	1.8	(0.8)	13.3	(0.4)	13.0	(0.6)	0.3	(0.7)	25.3	(0.3)	27.4	(0.4)	-2.2	(0.5)
	Hong Kong-China	a	a	64.1	(0.4)	a	a	a	a	12.9	(0.3)	a	a	a	a	22.9	(0.2)	a	a
	Indonesia	55.3	(0.5)	59.2	(2.1)	-3.9	(2.2)	16.9	(0.4)	15.0	(1.3)	1.9	(1.3)	27.8	(0.4)	25.8	(1.0)	2.0	(1.1)
	Israel	51.3	(0.8)	53.5	(0.9)	-2.1	(1.4)	22.1	(0.4)	21.0	(0.4)	1.2	(0.7)	26.5	(0.6)	25.5	(0.6)	1.0	(0.9)
	Jordan	42.4	(0.7)	45.3	(0.9)	-2.9	(1.2)	22.6	(0.5)	20.9	(0.7)	1.7	(1.0)	35.0	(0.4)	33.8	(0.6)	1.2	(0.7)
	Kyrgyzstan	38.1	(0.5)	49.1	(1.4)	-10.9	(1.5)	26.5	(0.5)	18.7	(1.0)	7.8	(1.1)	35.3	(0.3)	32.2	(0.9)	3.1	(0.9)
	Latvia	57.0	(0.4)	58.1	(0.5)	-1.1	(0.7)	12.8	(0.4)	12.5	(0.3)	0.3	(0.6)	30.2	(0.3)	29.4	(0.4)	0.9	(0.5)
	Liechtenstein	66.7	(1.1)	a	a	a	a	7.9	(0.6)	a	a	a	a	25.4	(0.9)	a	a	a	a
	Lithuania	58.9	(0.4)	60.4	(0.5)	-1.5	(0.7)	11.8	(0.3)	10.0	(0.4)	1.8	(0.5)	29.2	(0.3)	29.5	(0.5)	-0.3	(0.6)
	Macao-China	66.0	(0.7)	66.8	(0.3)	-0.9	(0.8)	14.2	(0.5)	12.6	(0.3)	1.7	(0.6)	19.8	(0.5)	20.6	(0.3)	-0.8	(0.5)
	Montenegro	50.3	(0.3)	51.7	(0.6)	-1.4	(0.7)	14.6	(0.3)	14.4	(0.5)	0.2	(0.6)	35.1	(0.3)	33.8	(0.5)	1.2	(0.6)
	Qatar	42.6	(0.3)	45.4	(0.5)	-2.8	(0.6)	25.0	(0.3)	23.1	(0.4)	1.8	(0.5)	32.5	(0.2)	31.5	(0.4)	1.0	(0.5)
	Romania	47.8	(0.5)	49.5	(0.8)	-1.7	(1.0)	21.2	(0.5)	19.8	(0.6)	1.4	(0.8)	31.0	(0.3)	30.7	(0.4)	0.3	(0.5)
	Russian Federation	49.4	(0.5)	53.0	(0.7)	-3.6	(0.8)	16.4	(0.6)	14.7	(0.6)	1.7	(0.7)	34.2	(0.5)	32.4	(0.6)	1.8	(0.7)
Serbia	57.3	(0.4)	58.4	(0.6)	-1.1	(0.7)	14.2	(0.4)	13.2	(0.5)	1.0	(0.6)	28.5	(0.3)	28.4	(0.4)	0.1	(0.5)	
Slovenia	55.8	(0.3)	58.8	(0.5)	-3.0	(0.6)	14.6	(0.2)	12.7	(0.3)	1.9	(0.4)	29.6	(0.3)	28.4	(0.3)	1.1	(0.4)	
Chinese Taipei	63.3	(0.7)	60.5	(0.4)	2.8	(0.9)	12.5	(0.5)	14.7	(0.3)	-2.2	(0.7)	24.2	(0.4)	24.8	(0.3)	-0.5	(0.5)	
Thailand	62.0	(0.4)	63.0	(0.6)	-1.0	(0.7)	10.1	(0.4)	10.7	(0.7)	-0.6	(0.9)	27.9	(0.3)	26.3	(0.6)	1.5	(0.7)	
Tunisia	41.0	(0.3)	43.2	(1.1)	-2.2	(1.2)	26.6	(0.2)	25.6	(0.5)	1.1	(0.6)	32.4	(0.3)	31.2	(0.8)	1.1	(0.9)	
Uruguay	58.9	(0.5)	59.7	(0.5)	-0.8	(0.8)	12.6	(0.4)	12.6	(0.3)	-0.0	(0.6)	28.6	(0.4)	27.7	(0.4)	0.9	(0.5)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/3]
Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender

	Proportion of students participating in out-of-school-time lessons						Proportion of students participating in out-of-school lessons with non-school teachers												
							One-to-one lessons						Small group lessons						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	32.0	(0.8)	30.4	(0.8)	1.6	(1.0)	16.0	(0.6)	17.2	(0.6)	-1.2	(0.9)	8.6	(0.5)	7.6	(0.4)	1.0	0.6
	Austria	36.1	(1.4)	36.4	(1.4)	-0.3	(1.6)	16.1	(0.9)	17.4	(1.1)	-1.3	(1.3)	9.2	(0.7)	6.2	(0.7)	2.9	0.8
	Belgium	29.9	(0.8)	30.9	(0.9)	-1.0	(1.2)	16.1	(0.7)	19.6	(0.9)	-3.5	(1.1)	7.9	(0.5)	6.8	(0.5)	1.1	0.7
	Canada	34.0	(1.0)	37.7	(0.8)	-3.7	(1.1)	15.3	(0.6)	17.6	(0.6)	-2.3	(0.8)	8.8	(0.5)	8.1	(0.4)	0.7	0.6
	Czech Republic	36.0	(1.3)	39.0	(1.2)	-3.1	(1.6)	14.4	(0.8)	17.8	(1.0)	-3.3	(1.1)	8.0	(0.6)	7.8	(0.9)	0.2	1.0
	Denmark	21.5	(0.9)	19.7	(1.1)	1.8	(1.2)	5.2	(0.5)	5.5	(0.5)	-0.2	(0.6)	4.8	(0.6)	4.4	(0.4)	0.4	0.7
	Finland	23.5	(1.0)	23.5	(0.9)	0.0	(1.3)	5.9	(0.6)	4.8	(0.5)	1.1	(0.8)	3.2	(0.3)	1.7	(0.3)	1.5	0.4
	France	40.6	(1.3)	42.6	(1.1)	-1.9	(1.6)	20.8	(1.2)	23.8	(1.0)	-3.0	(1.2)	9.4	(0.7)	8.9	(0.7)	0.6	0.8
	Germany	37.4	(1.1)	36.7	(1.0)	0.7	(1.6)	20.7	(1.0)	22.3	(0.8)	-1.5	(1.3)	8.3	(0.6)	6.3	(0.5)	2.0	0.8
	Greece	73.3	(1.3)	79.5	(1.1)	-6.3	(1.6)	42.1	(1.3)	47.5	(1.5)	-5.5	(1.7)	41.8	(1.4)	50.1	(1.7)	-8.3	1.5
	Hungary	50.3	(1.4)	58.4	(1.3)	-8.1	(1.7)	27.6	(1.2)	37.8	(1.3)	-10.2	(1.6)	10.5	(0.8)	11.2	(0.8)	-0.7	1.1
	Iceland	37.3	(1.2)	43.4	(1.0)	-6.2	(1.5)	13.4	(0.8)	16.0	(0.9)	-2.6	(1.2)	7.2	(0.6)	6.2	(0.5)	1.0	0.7
	Ireland	38.1	(1.2)	38.2	(1.1)	-0.1	(1.4)	19.8	(1.0)	23.0	(1.0)	-3.3	(1.4)	9.1	(0.8)	10.4	(0.7)	-1.3	1.1
	Italy	67.1	(0.8)	65.8	(1.0)	1.2	(1.4)	37.7	(0.9)	36.8	(0.8)	0.9	(1.2)	15.7	(0.7)	12.6	(0.5)	3.1	0.7
	Japan	47.0	(1.6)	44.3	(1.7)	2.7	(1.8)	9.0	(0.6)	9.8	(0.9)	-0.8	(0.9)	9.1	(0.6)	7.8	(0.8)	1.4	0.8
	Korea	77.2	(1.4)	81.2	(1.2)	-4.0	(1.8)	29.0	(1.2)	33.7	(1.1)	-4.7	(1.7)	29.5	(1.4)	33.1	(1.1)	-3.6	1.8
	Luxembourg	43.0	(0.9)	44.7	(1.0)	-1.7	(1.4)	22.0	(0.9)	24.2	(0.8)	-2.2	(1.2)	8.5	(0.7)	5.6	(0.5)	2.9	0.8
	Mexico	50.2	(1.2)	45.3	(1.1)	4.9	(1.5)	18.9	(0.8)	17.0	(0.8)	1.9	(1.0)	18.2	(0.8)	14.4	(0.7)	3.8	0.9
	Netherlands	21.5	(1.1)	22.7	(1.0)	-1.3	(1.3)	7.2	(0.6)	7.6	(0.6)	-0.5	(0.8)	4.5	(0.6)	2.6	(0.3)	1.9	0.6
	New Zealand	33.6	(1.2)	33.9	(1.3)	-0.3	(1.8)	17.0	(0.9)	17.3	(0.8)	-0.3	(1.1)	10.8	(0.7)	9.0	(0.7)	1.8	1.0
	Norway	31.1	(1.2)	23.4	(1.0)	7.7	(1.3)	7.2	(0.7)	3.4	(0.4)	3.8	(0.7)	7.0	(0.6)	2.7	(0.4)	4.4	0.7
	Poland	54.8	(1.2)	57.5	(1.3)	-2.7	(1.4)	19.6	(0.9)	19.1	(0.9)	0.5	(0.9)	11.4	(0.7)	9.9	(0.7)	1.5	0.8
	Portugal	67.8	(1.3)	69.7	(1.3)	-1.9	(1.8)	26.1	(1.2)	27.1	(1.1)	-1.0	(1.5)	14.6	(0.9)	14.7	(1.0)	-0.1	1.2
	Slovak Republic	52.2	(1.3)	59.4	(1.8)	-7.2	(1.8)	22.9	(1.2)	28.3	(1.3)	-5.4	(1.5)	11.5	(0.7)	10.9	(0.6)	0.6	0.9
	Spain	52.6	(0.9)	55.2	(0.9)	-2.6	(1.0)	26.6	(0.9)	30.7	(1.0)	-4.1	(1.0)	24.0	(0.8)	28.3	(0.9)	-4.3	1.1
	Sweden	35.4	(1.3)	28.3	(1.0)	7.1	(1.7)	7.9	(0.5)	7.0	(0.6)	0.9	(0.7)	7.0	(0.6)	4.5	(0.4)	2.6	0.7
	Switzerland	39.0	(1.0)	41.1	(0.7)	-2.2	(1.2)	18.1	(0.7)	21.7	(0.8)	-3.6	(1.0)	6.8	(0.6)	5.8	(0.4)	1.1	0.6
	Turkey	37.4	(1.4)	36.3	(1.5)	1.1	(1.8)	13.5	(0.8)	13.4	(0.9)	0.1	(1.1)	11.8	(0.7)	9.9	(0.8)	1.9	1.0
	United Kingdom	43.3	(1.2)	47.8	(1.0)	-4.5	(1.4)	16.2	(0.7)	18.5	(0.8)	-2.3	(1.0)	8.0	(0.7)	6.9	(0.6)	1.1	0.8
	United States	42.4	(1.5)	42.2	(1.3)	0.1	(1.6)	17.0	(1.0)	17.7	(0.9)	-0.7	(1.1)	13.3	(0.9)	11.8	(1.0)	1.5	1.0
	OECD average	42.8	(0.2)	43.8	(0.2)	-1.0	(0.3)	18.3	(0.2)	20.1	(0.2)	-1.8	(0.2)	11.6	(0.1)	10.9	(0.1)	0.8	0.2
Partners	Argentina	47.8	(1.5)	49.1	(1.5)	-1.3	(1.7)	28.3	(1.5)	33.6	(1.5)	-5.3	(1.7)	18.9	(1.2)	19.4	(1.2)	-0.5	1.5
	Azerbaijan	78.9	(1.5)	80.2	(1.2)	-1.4	(1.4)	32.8	(1.7)	28.3	(1.1)	4.5	(1.9)	42.4	(1.5)	39.0	(1.5)	3.4	2.0
	Brazil	49.5	(1.2)	47.5	(1.2)	2.0	(1.6)	19.6	(0.9)	19.8	(0.8)	-0.2	(1.2)	18.2	(0.8)	17.5	(0.7)	0.7	1.0
	Bulgaria	55.2	(1.6)	53.2	(1.7)	2.0	(1.7)	26.4	(1.2)	27.4	(1.2)	-1.0	(1.6)	20.9	(1.3)	14.0	(1.0)	6.8	1.4
	Chile	38.3	(1.5)	38.2	(1.5)	0.1	(1.9)	12.4	(0.8)	14.4	(1.2)	-2.0	(1.3)	9.8	(0.8)	8.9	(0.7)	0.9	1.2
	Colombia	51.1	(1.4)	50.8	(1.4)	0.3	(1.7)	23.2	(1.2)	27.3	(1.1)	-4.1	(1.9)	16.6	(1.1)	18.8	(1.1)	-2.1	1.5
	Croatia	44.6	(1.2)	46.2	(1.3)	-1.6	(1.7)	24.6	(0.9)	31.1	(1.2)	-6.5	(1.3)	10.3	(0.8)	9.2	(0.6)	1.1	1.0
	Estonia	43.9	(1.5)	48.3	(1.3)	-4.4	(2.1)	15.4	(0.8)	19.2	(1.0)	-3.8	(1.2)	8.0	(0.7)	8.3	(0.7)	-0.3	1.0
	Hong Kong-China	74.6	(1.1)	76.1	(1.3)	-1.5	(1.5)	23.2	(1.3)	25.0	(1.8)	-1.8	(1.9)	19.4	(1.2)	16.3	(0.8)	3.1	1.4
	Indonesia	64.1	(3.5)	67.6	(2.1)	-3.5	(3.5)	17.4	(1.2)	17.5	(0.8)	-0.2	(1.4)	20.2	(1.1)	18.6	(0.9)	1.6	1.3
	Israel	65.7	(1.5)	63.2	(1.5)	2.5	(2.0)	41.3	(1.4)	43.1	(1.5)	-1.7	(1.9)	22.6	(1.2)	18.0	(0.9)	4.5	1.4
	Jordan	73.2	(1.3)	72.0	(1.2)	1.3	(1.8)	36.0	(1.0)	32.8	(1.2)	3.2	(1.6)	30.5	(1.3)	20.1	(1.0)	10.4	1.6
	Kyrgyzstan	84.6	(1.1)	85.7	(1.1)	-1.1	(1.1)	28.4	(1.1)	24.8	(1.1)	3.6	(1.5)	30.9	(1.2)	23.8	(1.1)	7.1	1.4
	Latvia	67.6	(1.4)	75.2	(1.2)	-7.5	(1.5)	29.2	(1.2)	35.2	(1.6)	-6.0	(1.6)	14.7	(0.9)	13.5	(0.7)	1.2	1.3
	Liechtenstein	28.1	(3.6)	27.5	(3.1)	0.6	(4.8)	11.7	(2.3)	16.1	(2.6)	-4.4	(3.4)	5.3	(1.8)	0.6	(0.6)	4.7	1.7
	Lithuania	45.1	(1.4)	52.4	(1.4)	-7.0	(1.8)	15.7	(0.9)	19.9	(1.1)	-4.2	(1.2)	7.3	(0.6)	6.7	(0.6)	0.6	0.7
	Macao-China	66.7	(1.1)	57.8	(1.0)	8.8	(1.5)	21.7	(1.1)	22.0	(1.0)	-0.3	(1.6)	22.5	(1.1)	18.7	(0.9)	3.8	1.4
	Montenegro	63.2	(1.1)	60.9	(1.0)	2.2	(1.6)	36.1	(1.1)	38.9	(1.2)	-2.9	(1.7)	22.1	(0.8)	19.3	(0.9)	2.8	1.2
	Qatar	69.1	(0.9)	58.3	(0.8)	10.7	(1.2)	35.3	(1.0)	37.1	(1.0)	-1.8	(1.4)	30.2	(0.9)	20.8	(0.7)	9.4	1.2
	Romania	60.7	(1.4)	53.0	(2.2)	7.7	(2.3)	27.3	(1.5)	28.5	(1.8)	-1.2	(1.9)	21.4	(1.4)	18.2	(1.5)	3.2	1.8
	Russian Federation	67.6	(1.7)	71.0	(1.7)	-3.4	(1.8)	21.3	(1.1)	22.0	(1.0)	-0.7	(1.4)	13.3	(1.1)	11.7	(0.9)	1.6	1.3
	Serbia	53.5	(1.1)	54.2	(1.5)	-0.7	(1.6)	35.5	(1.3)	41.6	(1.5)	-6.1	(1.7)	12.8	(0.8)	13.0	(0.7)	-0.3	1.0
	Slovenia	40.5	(0.9)	42.7	(1.1)	-2.2	(1.6)	24.4	(0.8)	29.0	(1.0)	-4.6	(1.3)	7.6	(0.6)	5.5	(0.5)	2.2	0.8
	Chinese Taipei	76.4	(0.8)	73.5	(0.8)	2.9	(1.3)	24.6	(0.7)	22.7	(0.7)	1.8	(1.0)	25.9	(0.7)	21.1	(0.6)	4.8	1.0
	Thailand	64.4	(1.5)	62.9	(1.5)	1.5	(1.8)	23.0	(1.1)	18.6	(0.9)	4.4	(1.3)	27.6	(1.2)	21.4	(1.0)	6.1	1.3
	Tunisia	72.3	(1.1)	68.7	(1.5)	3.7	(1.6)	31.4	(1.5)	30.2	(1.7)	1.1	(1.8)	30.6	(1.3)	26.1	(1.5)	4.5	1.7
	Uruguay	43.4	(1.5)	45.9	(1.2)	-2.5	(1.9)	25.8	(1.1)	32.3	(1.1)	-6.6	(1.3)	19.6	(1.1)	22.5	(0.9)	-2.9	1.3

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 2/3]
Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender

	Proportion of students participating in out-of-school lessons with non-school teachers												Proportion of students participating in out-of-school lessons with school teachers						
	Large group lessons						At least one of these types of out-of-school lessons						One-to-one lessons						
	Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD	Australia	8.1	(0.6)	6.3	(0.4)	1.8	(0.6)	22.6	(0.8)	23.7	(0.8)	-1.1	(1.1)	8.4	(0.5)	5.0	(0.4)	3.4	(0.5)
	Austria	8.0	(0.8)	4.3	(0.6)	3.7	(0.8)	25.1	(1.0)	23.2	(1.3)	1.8	(1.4)	6.7	(0.6)	4.1	(0.6)	2.7	(0.6)
	Belgium	5.0	(0.7)	3.6	(0.4)	1.4	(0.6)	21.7	(0.8)	23.4	(0.9)	-1.7	(1.2)	8.2	(0.5)	6.3	(0.5)	1.9	(0.6)
	Canada	7.9	(0.6)	6.3	(0.5)	1.6	(0.6)	22.1	(0.8)	23.6	(0.7)	-1.5	(1.0)	12.2	(0.6)	12.4	(0.6)	-0.2	(0.8)
	Czech Republic	6.4	(1.0)	4.7	(0.7)	1.6	(0.8)	20.2	(1.0)	23.8	(1.2)	-3.6	(1.4)	15.5	(0.9)	12.7	(1.0)	2.8	(1.3)
	Denmark	5.3	(0.7)	2.6	(0.4)	2.7	(0.6)	10.9	(0.8)	9.9	(0.7)	1.0	(0.9)	7.1	(0.6)	3.5	(0.4)	3.7	(0.7)
	Finland	3.9	(0.4)	3.6	(0.4)	0.3	(0.6)	9.0	(0.6)	8.1	(0.6)	0.9	(0.8)	7.6	(0.6)	8.7	(0.7)	-1.1	(0.7)
	France	6.0	(0.8)	3.9	(0.5)	2.1	(0.6)	26.3	(1.3)	26.4	(1.1)	-0.1	(1.3)	7.3	(0.7)	6.8	(0.7)	0.5	(0.9)
	Germany	4.9	(0.8)	2.7	(0.4)	2.2	(0.7)	27.4	(1.1)	27.3	(0.8)	0.1	(1.4)	6.9	(0.6)	4.6	(0.6)	2.3	(0.8)
	Greece	20.3	(1.5)	16.7	(1.2)	3.6	(1.3)	66.2	(1.4)	75.1	(1.2)	-8.9	(1.6)	16.7	(1.3)	7.3	(0.7)	9.3	(1.3)
	Hungary	9.6	(1.1)	7.9	(0.6)	1.6	(1.1)	34.4	(1.3)	42.5	(1.4)	-8.1	(1.7)	14.9	(0.9)	14.4	(0.9)	0.5	(1.0)
	Iceland	5.4	(0.7)	4.8	(0.5)	0.7	(0.7)	18.4	(0.9)	21.2	(1.0)	-2.8	(1.3)	12.0	(0.7)	8.8	(0.7)	3.1	(1.0)
	Ireland	7.3	(1.1)	6.1	(0.7)	1.2	(0.9)	27.4	(1.2)	30.4	(1.0)	-3.0	(1.5)	7.7	(0.7)	6.3	(0.7)	1.4	(0.8)
	Italy	10.9	(0.7)	7.1	(0.4)	3.8	(0.6)	47.3	(0.9)	44.5	(0.8)	2.8	(1.2)	a	a	a	a	a	a
	Japan	9.9	(0.8)	6.6	(0.7)	3.3	(0.8)	20.9	(1.1)	19.6	(1.4)	1.3	(1.4)	4.5	(0.4)	2.9	(0.4)	1.6	(0.5)
	Korea	27.6	(1.8)	26.2	(1.2)	1.4	(1.7)	55.7	(1.7)	60.0	(1.5)	-4.3	(2.5)	9.4	(0.6)	9.7	(0.7)	-0.3	(0.9)
	Luxembourg	7.4	(0.8)	3.6	(0.4)	3.9	(0.7)	28.2	(0.9)	27.7	(0.9)	0.5	(1.2)	15.4	(0.6)	12.1	(0.6)	3.3	(0.9)
	Mexico	18.6	(0.9)	13.9	(0.7)	4.7	(1.2)	33.0	(1.1)	28.1	(1.0)	4.8	(1.3)	20.2	(1.0)	14.8	(0.8)	5.4	(1.0)
	Netherlands	4.8	(0.6)	2.5	(0.4)	2.2	(0.5)	12.2	(0.8)	10.0	(0.7)	2.1	(0.9)	7.6	(0.6)	7.4	(0.6)	0.2	(0.8)
	New Zealand	8.4	(1.0)	5.5	(0.5)	2.9	(0.8)	24.4	(1.0)	23.4	(0.9)	0.9	(1.3)	8.6	(0.9)	9.6	(1.2)	-1.0	(1.5)
	Norway	7.6	(0.7)	2.4	(0.4)	5.2	(0.7)	13.0	(0.9)	6.6	(0.5)	6.4	(1.0)	11.6	(0.7)	5.2	(0.6)	6.4	(0.8)
	Poland	11.9	(0.8)	8.1	(0.6)	3.8	(0.9)	29.8	(1.0)	28.1	(1.2)	1.6	(1.2)	17.5	(0.8)	11.8	(0.8)	5.7	(1.0)
	Portugal	8.8	(1.2)	7.7	(0.7)	1.1	(0.9)	34.8	(1.3)	35.8	(1.2)	-1.0	(1.5)	23.9	(1.3)	20.2	(1.0)	3.7	(1.4)
	Slovak Republic	7.4	(0.9)	7.3	(0.7)	0.1	(0.7)	27.6	(1.2)	31.9	(1.4)	-4.2	(1.6)	29.0	(1.4)	31.8	(1.7)	-2.8	(1.6)
	Spain	11.3	(1.1)	9.7	(0.6)	1.5	(0.9)	40.5	(1.0)	46.4	(0.9)	-5.9	(1.0)	10.9	(0.7)	6.2	(0.6)	4.7	(0.9)
	Sweden	8.9	(0.7)	5.0	(0.6)	3.9	(0.8)	15.3	(0.8)	10.9	(0.7)	4.3	(1.0)	10.8	(0.7)	6.7	(0.7)	4.1	(0.8)
	Switzerland	5.8	(0.6)	3.7	(0.3)	2.1	(0.5)	23.5	(0.9)	25.8	(0.8)	-2.3	(1.2)	7.8	(0.5)	5.7	(0.4)	2.1	(0.6)
	Turkey	15.7	(1.0)	14.2	(1.2)	1.4	(1.3)	26.9	(1.4)	26.0	(1.4)	0.8	(1.5)	9.5	(0.9)	5.4	(0.6)	4.1	(1.0)
	United Kingdom	8.4	(0.8)	6.3	(0.5)	2.1	(0.8)	23.0	(0.9)	25.2	(1.0)	-2.2	(1.3)	11.8	(0.6)	10.8	(0.6)	1.0	(0.9)
	United States	12.9	(1.0)	10.4	(0.9)	2.5	(0.9)	25.6	(1.4)	24.9	(1.2)	0.7	(1.6)	23.7	(1.3)	21.0	(1.1)	2.7	(1.2)
	OECD average	9.5	(0.2)	7.1	(0.1)	2.3	(0.2)	27.1	(0.2)	27.8	(0.2)	-0.7	(0.2)	12.2	(0.2)	9.7	(0.1)	2.5	(0.2)
Partners	Argentina	14.6	(1.5)	11.8	(1.1)	2.8	(1.5)	38.2	(1.4)	41.5	(1.5)	-3.3	(1.8)	13.7	(1.0)	8.1	(1.2)	5.6	(1.2)
	Azerbaijan	40.5	(2.0)	37.3	(1.2)	3.2	(1.4)	63.5	(1.4)	61.8	(1.2)	1.8	(1.6)	40.8	(1.5)	36.9	(1.5)	3.9	(1.6)
	Brazil	17.7	(1.0)	13.5	(0.7)	4.2	(1.1)	33.9	(1.1)	32.3	(0.9)	1.6	(1.4)	15.2	(0.7)	12.2	(0.7)	2.9	(0.9)
	Bulgaria	21.4	(1.4)	12.1	(0.9)	9.3	(1.4)	39.9	(1.4)	36.1	(1.2)	3.8	(1.6)	26.2	(1.6)	17.6	(1.7)	8.7	(1.9)
	Chile	9.8	(1.2)	6.5	(0.5)	3.3	(0.9)	21.5	(1.0)	21.3	(1.3)	0.1	(1.6)	8.8	(0.7)	7.5	(0.6)	1.3	(1.0)
	Colombia	17.4	(1.5)	15.6	(0.8)	1.8	(1.3)	35.7	(1.4)	37.6	(1.2)	-1.8	(2.1)	17.3	(1.2)	13.1	(1.4)	4.2	(1.4)
	Croatia	9.9	(1.0)	5.8	(0.5)	4.1	(0.9)	32.0	(1.0)	36.0	(1.2)	-3.9	(1.4)	16.4	(0.9)	9.9	(0.8)	6.5	(1.2)
	Estonia	7.9	(1.0)	6.7	(0.6)	1.2	(0.8)	21.8	(1.0)	25.2	(1.1)	-3.3	(1.5)	19.0	(1.2)	17.8	(1.0)	1.3	(1.4)
	Hong Kong-China	30.9	(1.4)	29.2	(1.5)	1.7	(1.6)	52.2	(1.5)	51.9	(1.7)	0.3	(2.1)	6.7	(0.7)	5.1	(0.6)	1.6	(0.9)
	Indonesia	18.2	(1.3)	16.8	(0.9)	1.4	(1.4)	34.6	(1.5)	33.5	(1.2)	1.1	(1.9)	32.4	(3.1)	30.7	(2.0)	1.7	(2.4)
	Israel	19.0	(1.4)	11.9	(0.8)	7.1	(1.4)	54.2	(1.7)	51.3	(1.5)	2.9	(2.1)	25.2	(1.5)	16.5	(1.1)	8.7	(1.7)
	Jordan	27.1	(1.6)	17.0	(0.9)	10.0	(1.6)	52.7	(1.2)	43.5	(1.2)	9.2	(1.7)	35.4	(1.7)	19.5	(1.0)	15.9	(1.9)
	Kyrgyzstan	37.4	(1.4)	27.1	(1.1)	10.3	(1.7)	53.0	(1.5)	44.9	(1.2)	8.1	(1.9)	63.3	(1.2)	64.2	(1.3)	-0.9	(1.3)
	Latvia	19.1	(1.3)	15.2	(1.0)	3.9	(1.5)	41.1	(1.2)	43.4	(1.6)	-2.4	(1.9)	34.2	(1.4)	35.2	(1.6)	-1.0	(1.8)
	Liechtenstein	4.0	(1.7)	1.1	(0.8)	2.8	(1.7)	14.3	(2.6)	17.7	(2.9)	-3.5	(3.6)	7.3	(2.1)	4.5	(1.6)	2.8	(2.7)
	Lithuania	7.5	(0.7)	5.7	(0.5)	1.8	(0.8)	22.4	(0.9)	24.5	(1.1)	-2.2	(1.3)	12.3	(0.9)	11.6	(0.8)	0.8	(1.1)
	Macao-China	22.5	(1.4)	16.3	(1.0)	6.2	(1.4)	41.6	(1.3)	36.6	(1.0)	5.0	(1.6)	17.5	(0.9)	10.9	(0.8)	6.5	(1.2)
	Montenegro	20.1	(1.2)	14.6	(0.8)	5.5	(1.1)	47.4	(1.1)	47.5	(1.2)	-0.1	(1.7)	30.1	(0.9)	19.9	(0.9)	10.2	(1.5)
	Qatar	28.6	(1.2)	17.3	(0.7)	11.3	(1.1)	51.3	(1.0)	45.9	(0.9)	5.4	(1.4)	45.8	(0.9)	22.6	(0.7)	23.1	(1.2)
	Romania	19.0	(1.8)	12.0	(1.4)	7.0	(1.3)	39.3	(1.5)	37.7	(1.8)	1.6	(2.1)	32.1	(1.4)	21.8	(1.7)	10.3	(1.7)
	Russian Federation	14.5	(1.3)	11.1	(1.0)	3.5	(1.3)	32.2	(1.3)	30.3	(1.5)	1.9	(1.8)	31.2	(1.2)	30.3	(1.2)	0.9	(1.6)
	Serbia	10.2	(1.0)	7.3	(0.7)	2.9	(0.9)	41.2	(1.3)	45.4	(1.5)	-4.2	(1.7)	12.9	(0.8)	7.7	(0.8)	5.2	(1.0)
	Slovenia	6.1	(0.8)	4.0	(0.6)	2.1	(0.9)	29.2	(0.9)	33.1	(1.1)	-3.9	(1.6)	10.8	(0.6)	7.0	(0.7)	3.8	(1.0)
	Chinese Taipei	41.7	(1.0)	38.8	(1.2)	2.9	(1.6)	58.1	(1.0)	55.6	(1.2)	2.5	(1.6)	16.1	(0.8)	12.5	(0.7)	3.6	(1.0)
	Thailand	34.3	(1.3)	29.0	(1.2)	5.4	(1.9)	47.3	(1.7)	42.0	(1.4)	5.3	(1.8)	25.4	(1.2)	17.7	(0.8)	7.7	(1.3)
	Tunisia	23.6	(1.7)	15.4	(0.9)	8.3	(1.3)	48.1	(1.6)	41.9	(1.7)	6.2	(1.9)	44.7	(1.5)	40.7	(1.7)	4.1	(1.8)
	Uruguay	13.1	(1.3)	11.0	(0.8)	2.1	(1.2)	35.3	(1.2)	39.7	(1.2)	-4.4	(1.4)	11.5	(1.4)	7.6	(0.7)	3.9	(1.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 3/3]
Table 3.14 Percentage of students by different types of out-of-school-time lessons, by gender

		Proportion of students participating in out-of-school lessons with school teachers																	
		Small group lessons						Large group lessons						At least one of these types of out-of-school lessons					
		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)		Male students		Female students		Difference (male-female)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	8.5	(0.5)	5.9	(0.4)	2.6	(0.5)	10.4	(0.5)	5.9	(0.4)	4.5	(0.6)	16.6	(0.7)	11.4	(0.6)	5.2	(0.7)
	Austria	14.1	(1.0)	12.0	(1.0)	2.2	(1.1)	15.3	(1.0)	16.0	(1.1)	-0.6	(1.2)	24.1	(1.4)	22.6	(1.4)	1.4	(1.6)
	Belgium	8.8	(0.6)	6.8	(0.5)	2.0	(0.7)	7.4	(0.4)	4.5	(0.4)	3.0	(0.5)	15.9	(0.7)	12.4	(0.7)	3.5	(0.9)
	Canada	10.9	(0.5)	10.0	(0.5)	0.9	(0.6)	12.3	(0.6)	10.2	(0.5)	2.1	(0.7)	21.5	(0.7)	21.2	(0.7)	0.3	(0.9)
	Czech Republic	11.9	(0.8)	9.7	(0.9)	2.3	(1.1)	14.9	(1.0)	11.5	(0.9)	3.4	(1.3)	25.1	(1.3)	20.9	(1.4)	4.2	(1.8)
	Denmark	8.8	(0.7)	7.1	(0.7)	1.7	(0.9)	9.9	(0.7)	6.2	(0.6)	3.8	(0.8)	16.2	(0.9)	12.0	(0.9)	4.2	(1.1)
	Finland	9.6	(0.7)	9.3	(0.7)	0.3	(0.9)	14.2	(0.8)	10.1	(0.7)	4.0	(0.9)	18.8	(0.9)	17.6	(0.8)	1.2	(1.1)
	France	17.8	(1.0)	18.0	(1.0)	-0.2	(1.3)	10.9	(0.8)	9.8	(0.7)	1.1	(0.9)	24.0	(1.1)	23.8	(1.0)	0.2	(1.4)
	Germany	7.7	(0.6)	7.8	(0.8)	-0.1	(0.9)	11.1	(0.8)	9.6	(0.8)	1.6	(1.0)	18.8	(0.9)	16.4	(1.0)	2.5	(1.2)
	Greece	17.9	(1.1)	11.6	(1.0)	6.2	(1.3)	13.1	(1.1)	6.2	(0.7)	7.0	(1.2)	27.4	(1.5)	16.6	(1.1)	10.8	(1.6)
	Hungary	12.4	(1.0)	13.1	(0.9)	-0.7	(1.2)	16.3	(1.0)	15.4	(0.9)	1.0	(1.2)	29.4	(1.4)	29.3	(1.3)	0.1	(1.5)
	Iceland	15.3	(0.9)	13.7	(0.7)	1.6	(1.1)	11.9	(0.8)	16.2	(0.9)	-4.3	(1.1)	25.8	(1.1)	28.2	(1.0)	-2.4	(1.5)
	Ireland	9.9	(0.8)	8.1	(0.7)	1.8	(0.9)	11.4	(0.8)	8.3	(0.8)	3.0	(1.0)	18.9	(1.0)	15.0	(1.0)	3.9	(1.2)
	Italy	36.1	(1.0)	36.6	(1.0)	-0.5	(1.2)	27.0	(0.8)	24.7	(0.8)	2.4	(1.0)	46.2	(1.1)	45.3	(1.0)	1.0	(1.2)
	Japan	8.1	(0.6)	5.1	(0.5)	3.1	(0.8)	32.3	(1.4)	28.6	(1.5)	3.6	(1.5)	37.0	(1.5)	32.8	(1.5)	4.2	(1.6)
	Korea	17.1	(0.8)	16.3	(0.8)	0.8	(1.1)	34.9	(1.4)	37.6	(1.9)	-2.6	(2.1)	49.5	(1.3)	51.3	(1.7)	-1.8	(2.0)
	Luxembourg	14.5	(0.8)	14.7	(0.8)	-0.2	(1.1)	10.8	(0.7)	8.9	(0.6)	1.9	(0.9)	25.9	(0.8)	24.8	(0.9)	1.1	(1.1)
	Mexico	20.3	(1.0)	15.1	(0.8)	5.2	(1.1)	27.2	(1.0)	20.7	(0.9)	6.5	(1.1)	37.9	(1.1)	29.1	(1.0)	8.7	(1.3)
	Netherlands	8.7	(0.7)	8.7	(0.7)	0.0	(0.9)	7.4	(0.8)	7.0	(0.6)	0.4	(0.9)	15.4	(1.1)	15.6	(0.9)	-0.2	(1.1)
	New Zealand	9.5	(0.6)	9.9	(1.0)	-0.5	(1.2)	10.7	(0.8)	7.6	(0.7)	3.1	(1.0)	18.2	(1.1)	17.3	(1.3)	0.8	(1.7)
Norway	14.2	(0.9)	9.5	(0.7)	4.8	(1.1)	20.4	(1.0)	14.0	(0.9)	6.5	(1.2)	27.4	(1.1)	20.1	(0.9)	7.3	(1.3)	
Poland	22.8	(1.1)	23.4	(1.0)	-0.6	(1.4)	27.2	(1.0)	26.2	(1.1)	1.0	(1.0)	41.5	(1.2)	41.0	(1.2)	0.6	(1.4)	
Portugal	31.7	(1.4)	32.0	(1.3)	-0.3	(1.4)	25.7	(1.2)	22.0	(1.3)	3.7	(1.2)	48.5	(1.5)	47.2	(1.6)	1.2	(1.7)	
Slovak Republic	17.4	(1.0)	18.8	(1.3)	-1.4	(1.3)	22.9	(1.3)	25.0	(1.5)	-2.2	(1.5)	37.5	(1.5)	39.7	(1.9)	-2.2	(1.9)	
Spain	13.2	(0.6)	8.3	(0.5)	4.9	(0.8)	11.6	(0.6)	7.9	(0.6)	3.7	(0.8)	22.5	(0.8)	14.6	(0.8)	7.9	(1.0)	
Sweden	15.9	(0.8)	12.5	(0.7)	3.4	(1.1)	24.3	(0.9)	17.2	(1.0)	7.1	(1.3)	30.2	(1.2)	22.5	(1.0)	7.7	(1.6)	
Switzerland	10.7	(0.5)	9.4	(0.6)	1.3	(0.8)	14.9	(0.8)	13.2	(0.7)	1.8	(0.9)	23.8	(0.8)	21.1	(0.8)	2.7	(0.9)	
Turkey	10.9	(0.8)	7.4	(0.6)	3.6	(1.0)	13.8	(1.0)	11.6	(0.9)	2.2	(1.3)	21.9	(1.2)	17.1	(1.1)	4.8	(1.5)	
United Kingdom	17.3	(0.8)	18.1	(0.8)	-0.9	(1.0)	19.8	(0.9)	19.2	(0.9)	0.6	(1.0)	31.6	(1.1)	31.9	(1.1)	-0.2	(1.4)	
United States	20.9	(1.2)	17.2	(0.9)	3.7	(1.3)	21.1	(1.4)	15.1	(0.9)	6.0	(1.3)	34.5	(1.6)	30.2	(1.2)	4.3	(1.5)	
OECD average	14.8	(0.2)	13.2	(0.2)	1.6	(0.2)	17.0	(0.2)	14.5	(0.2)	2.5	(0.2)	27.7	(0.2)	25.0	(0.2)	2.8	(0.3)	
Partners	Argentina	15.9	(1.4)	9.6	(0.9)	6.3	(1.4)	14.4	(1.3)	8.6	(1.0)	5.8	(1.2)	25.3	(1.6)	15.6	(1.3)	9.7	(1.3)
	Azerbaijan	39.0	(1.7)	35.3	(1.6)	3.7	(2.1)	49.6	(1.8)	47.0	(1.5)	2.6	(1.8)	68.5	(1.7)	66.7	(1.6)	1.8	(1.5)
	Brazil	25.5	(1.1)	21.8	(1.0)	3.7	(1.4)	23.7	(1.0)	17.6	(0.9)	6.1	(1.2)	37.8	(1.2)	31.4	(1.2)	6.4	(1.6)
	Bulgaria	22.3	(1.6)	15.9	(1.2)	6.4	(1.8)	26.6	(1.4)	18.8	(1.4)	7.9	(1.4)	39.2	(1.8)	30.4	(1.9)	8.8	(2.0)
	Chile	16.7	(1.0)	15.6	(1.0)	1.0	(1.2)	19.2	(1.0)	15.9	(1.0)	3.3	(1.2)	28.0	(1.4)	26.2	(1.4)	1.8	(1.8)
	Colombia	22.8	(1.7)	17.8	(1.4)	5.1	(2.0)	22.3	(1.3)	17.0	(1.2)	5.3	(1.4)	33.1	(1.4)	26.2	(1.5)	6.9	(1.4)
	Croatia	13.3	(0.8)	9.0	(0.7)	4.4	(1.0)	15.4	(1.0)	8.6	(0.8)	6.8	(1.2)	25.6	(1.1)	18.1	(1.2)	7.5	(1.6)
	Estonia	13.9	(0.9)	13.5	(1.0)	0.3	(1.3)	20.2	(1.0)	17.1	(1.1)	3.1	(1.5)	33.3	(1.5)	30.8	(1.3)	2.5	(1.9)
	Hong Kong-China	18.6	(1.0)	15.3	(1.2)	3.4	(1.5)	42.2	(1.6)	41.8	(1.6)	0.4	(1.9)	49.3	(1.6)	47.9	(1.6)	1.4	(2.0)
	Indonesia	26.3	(2.6)	26.6	(1.7)	-0.3	(2.2)	34.6	(2.8)	35.1	(2.3)	-0.5	(2.3)	51.3	(4.0)	52.3	(2.7)	-1.0	(3.3)
	Israel	23.7	(1.2)	18.1	(1.1)	5.6	(1.3)	22.5	(1.3)	17.9	(0.8)	4.5	(1.4)	39.2	(1.4)	31.4	(1.3)	7.7	(1.7)
	Jordan	36.3	(1.3)	27.2	(1.2)	9.2	(1.9)	41.9	(1.3)	39.9	(1.4)	2.0	(1.9)	60.0	(1.7)	53.2	(1.5)	6.8	(2.2)
	Kyrgyzstan	45.0	(1.4)	43.3	(1.4)	1.8	(1.6)	52.9	(1.4)	52.9	(1.4)	-0.0	(1.4)	78.8	(1.3)	78.2	(1.3)	0.6	(1.2)
	Latvia	25.3	(1.2)	25.8	(1.3)	-0.6	(1.4)	28.0	(1.7)	30.0	(1.6)	-2.0	(2.3)	48.8	(1.8)	52.2	(1.5)	-3.4	(2.1)
	Liechtenstein	11.2	(2.4)	5.0	(1.6)	6.3	(3.1)	15.8	(3.0)	6.1	(1.8)	9.7	(3.7)	21.7	(3.3)	12.3	(2.3)	9.3	(4.1)
	Lithuania	16.8	(1.0)	18.5	(1.0)	-1.6	(1.2)	19.5	(1.0)	19.2	(1.1)	0.3	(1.3)	33.1	(1.2)	35.8	(1.3)	-2.6	(1.6)
	Macao-China	27.7	(1.0)	17.6	(0.8)	10.1	(1.3)	39.7	(1.2)	30.0	(1.1)	9.7	(1.7)	53.8	(1.1)	39.4	(1.1)	14.4	(1.6)
	Montenegro	21.4	(0.8)	13.9	(0.9)	7.5	(1.2)	26.1	(1.0)	17.0	(0.8)	9.1	(1.3)	40.0	(1.1)	29.1	(1.1)	10.8	(1.5)
	Qatar	39.5	(0.8)	19.3	(0.6)	20.2	(1.0)	38.0	(1.0)	21.4	(0.7)	16.6	(1.3)	58.1	(0.8)	33.2	(0.8)	24.9	(1.1)
	Romania	27.5	(1.4)	21.4	(1.4)	6.1	(1.9)	27.2	(1.4)	16.6	(2.1)	10.5	(2.0)	46.2	(1.5)	34.1	(2.2)	12.1	(2.2)
Russian Federation	30.6	(1.4)	32.4	(1.4)	-1.8	(1.6)	36.7	(1.6)	36.7	(1.5)	0.0	(1.7)	56.2	(1.6)	58.9	(1.6)	-2.7	(1.9)	
Serbia	15.2	(0.9)	9.4	(0.7)	5.9	(1.0)	17.8	(1.1)	11.4	(0.8)	6.4	(1.2)	27.3	(1.1)	19.9	(1.1)	7.5	(1.4)	
Slovenia	9.8	(0.7)	8.0	(0.8)	1.7	(1.1)	14.2	(0.8)	9.2	(0.6)	5.0	(1.0)	23.1	(0.9)	17.3	(0.9)	5.8	(1.3)	
Chinese Taipei	25.4	(0.9)	20.0	(1.1)	5.3	(1.3)	38.4	(1.0)	31.5	(1.1)	6.8	(1.4)	48.5	(1.1)	41.3	(1.4)	7.2	(1.7)	
Thailand	31.7	(1.5)	23.2	(0.9)	8.5	(1.5)	41.6	(1.4)	37.1	(1.4)	4.6	(1.4)	50.6	(1.6)	44.9	(1.2)	5.7	(1.6)	
Tunisia	35.9	(1.4)	29.9	(1.4)	6.0	(1.7)	33.4	(1.3)	27.9	(1.1)	5.5	(1.6)	56.8	(1.4)	51.4	(1.6)	5.3	(1.9)	
Uruguay	10.9	(0.9)	7.1	(0.7)	3.8	(1.1)	11.5	(0.9)	6.0	(0.6)	5.5	(1.1)	20.8	(1.6)	13.6	(0.9)	7.1	(1.8)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.15 Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

	Proportion of students participating in out-of-school-time lessons										
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	
OECD											
Australia	26.8	(1.1)	28.1	(0.9)	31.8	(1.1)	37.9	(1.0)	-11.0	(1.4)	
Austria	34.9	(2.1)	33.4	(1.5)	37.5	(1.4)	39.3	(1.8)	-4.5	(2.6)	
Belgium	25.5	(1.2)	28.4	(1.3)	32.2	(1.1)	35.4	(1.4)	-9.8	(2.0)	
Canada	31.5	(1.2)	33.5	(1.1)	37.5	(1.3)	40.8	(1.3)	-9.4	(1.8)	
Czech Republic	36.5	(1.8)	33.5	(1.8)	37.3	(1.6)	41.7	(1.6)	-5.6	(2.4)	
Denmark	24.8	(1.5)	19.8	(1.5)	18.6	(1.4)	18.7	(1.2)	6.0	(1.9)	
Finland	22.6	(1.1)	25.8	(1.4)	22.9	(1.3)	22.4	(1.4)	0.1	(1.6)	
France	36.9	(1.6)	39.6	(1.5)	42.4	(1.6)	47.6	(1.9)	-11.0	(2.5)	
Germany	31.8	(1.6)	36.9	(1.6)	41.2	(1.6)	38.0	(1.6)	-6.2	(2.3)	
Greece	64.6	(2.0)	74.1	(1.4)	80.2	(1.3)	86.6	(1.1)	-22.0	(2.4)	
Hungary	46.6	(1.9)	48.5	(1.8)	56.9	(1.8)	64.9	(1.8)	-18.6	(2.6)	
Iceland	37.9	(1.8)	39.2	(1.4)	43.5	(1.6)	40.8	(1.5)	-2.7	(2.6)	
Ireland	30.8	(1.9)	35.8	(1.8)	43.0	(1.7)	42.9	(1.5)	-12.3	(2.4)	
Italy	57.6	(1.2)	64.0	(1.0)	70.0	(1.1)	74.2	(0.8)	-16.7	(1.3)	
Japan	41.6	(2.0)	42.7	(1.8)	45.8	(1.9)	52.0	(2.2)	-10.5	(2.8)	
Korea	68.8	(1.9)	74.7	(1.4)	82.0	(1.3)	91.2	(1.0)	-22.4	(2.4)	
Luxembourg	41.5	(1.6)	48.1	(1.6)	44.9	(1.4)	40.5	(1.4)	1.1	(2.1)	
Mexico	51.1	(2.0)	44.2	(1.3)	47.9	(1.2)	47.5	(1.2)	3.6	(2.5)	
Netherlands	21.6	(1.7)	21.5	(1.4)	23.0	(1.3)	22.1	(1.6)	-0.8	(2.3)	
New Zealand	29.3	(1.6)	29.6	(1.4)	35.7	(1.6)	39.9	(1.6)	-10.6	(2.3)	
Norway	32.1	(1.6)	27.4	(1.6)	25.5	(1.3)	23.5	(1.3)	8.5	(1.8)	
Poland	49.9	(1.9)	51.1	(1.8)	56.9	(1.4)	66.6	(1.5)	-16.8	(2.4)	
Portugal	63.4	(2.0)	68.2	(1.7)	68.7	(1.6)	74.7	(1.6)	-11.3	(2.6)	
Slovak Republic	49.3	(1.7)	53.3	(2.1)	60.2	(1.8)	60.3	(2.1)	-11.3	(2.5)	
Spain	49.5	(1.6)	50.3	(1.3)	56.5	(1.4)	59.1	(1.6)	-9.5	(2.3)	
Sweden	38.5	(1.5)	33.8	(1.5)	28.8	(1.4)	26.3	(1.5)	12.3	(2.1)	
Switzerland	39.2	(1.3)	37.7	(1.2)	40.9	(1.3)	41.9	(1.6)	-2.7	(2.1)	
Turkey	28.1	(1.6)	30.1	(1.7)	37.2	(1.3)	52.5	(1.9)	-24.1	(2.4)	
United Kingdom	42.3	(1.5)	44.5	(1.4)	45.9	(1.6)	49.5	(1.6)	-7.1	(2.1)	
United States	44.9	(2.3)	43.5	(2.0)	42.2	(1.6)	39.0	(1.4)	6.2	(2.6)	
OECD average	40.0	(0.3)	41.4	(0.3)	44.6	(0.3)	47.3	(0.3)	-7.3	(0.4)	
Partners											
Argentina	42.1	(2.0)	45.7	(2.4)	50.9	(2.0)	55.5	(2.2)	-13.0	(3.0)	
Azerbaijan	72.8	(2.1)	78.6	(1.8)	81.4	(1.7)	85.1	(1.2)	-12.3	(2.3)	
Brazil	44.4	(1.7)	44.2	(1.7)	47.2	(1.6)	58.1	(1.9)	-13.9	(2.7)	
Bulgaria	52.5	(3.0)	51.0	(2.3)	55.5	(1.5)	57.9	(1.6)	-5.0	(3.5)	
Chile	37.4	(1.9)	35.8	(1.5)	37.3	(1.8)	42.3	(2.3)	-5.0	(2.9)	
Colombia	50.6	(1.9)	46.9	(2.0)	51.4	(1.6)	54.8	(1.9)	-4.1	(2.8)	
Croatia	38.7	(1.5)	44.4	(1.5)	47.3	(1.5)	51.4	(1.6)	-12.6	(2.0)	
Estonia	46.4	(1.6)	48.0	(1.9)	44.6	(1.7)	45.1	(1.9)	1.4	(2.4)	
Hong Kong-China	63.6	(1.6)	73.1	(1.5)	80.4	(1.4)	84.3	(1.0)	-20.8	(1.9)	
Indonesia	64.9	(3.0)	66.0	(1.9)	61.9	(4.0)	70.3	(2.6)	-5.3	(3.1)	
Israel	62.0	(2.0)	61.0	(1.9)	65.0	(1.6)	69.9	(1.6)	-7.9	(2.4)	
Jordan	70.1	(1.4)	72.8	(1.5)	75.3	(1.4)	72.0	(1.8)	-1.7	(2.2)	
Kyrgyzstan	84.9	(2.0)	86.9	(1.3)	85.7	(1.5)	83.5	(1.4)	1.5	(2.5)	
Latvia	70.0	(1.8)	69.5	(1.7)	72.4	(1.6)	74.1	(1.4)	-4.3	(2.0)	
Liechtenstein	35.4	(4.6)	17.6	(4.0)	29.0	(5.7)	27.4	(5.5)	7.3	(7.2)	
Lithuania	42.3	(1.5)	44.1	(1.9)	51.8	(1.9)	57.1	(1.7)	-15.0	(2.4)	
Macao-China	60.4	(1.7)	61.6	(1.8)	60.5	(1.7)	66.5	(1.6)	-6.0	(2.1)	
Montenegro	55.8	(1.6)	58.5	(1.6)	65.9	(1.6)	68.0	(1.6)	-12.4	(2.3)	
Qatar	62.8	(1.4)	64.5	(1.2)	60.8	(1.2)	66.2	(1.2)	-3.3	(1.8)	
Romania	58.0	(1.8)	53.2	(2.8)	56.6	(2.1)	59.6	(2.0)	-1.3	(2.4)	
Russian Federation	68.4	(2.1)	67.4	(1.9)	69.5	(1.9)	72.4	(1.7)	-4.0	(2.4)	
Serbia	45.7	(1.5)	51.2	(1.6)	56.8	(1.8)	61.6	(1.9)	-15.9	(2.2)	
Slovenia	40.4	(1.5)	42.0	(1.5)	42.2	(1.4)	41.9	(1.4)	-1.4	(2.1)	
Chinese Taipei	70.3	(1.1)	73.3	(1.0)	76.2	(1.0)	80.6	(0.9)	-10.3	(1.4)	
Thailand	51.9	(1.8)	60.9	(1.9)	64.2	(1.9)	77.1	(1.7)	-25.4	(2.5)	
Tunisia	59.3	(1.8)	68.7	(1.6)	74.4	(1.4)	79.3	(1.5)	-20.0	(2.1)	
Uruguay	31.9	(1.7)	41.1	(2.0)	47.8	(2.2)	57.9	(1.6)	-26.0	(2.3)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.15 Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

		Proportion of students participating in out-of-school lessons with non-school teachers																			
		One-to-one lessons									Small group lessons										
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	11.5	(0.7)	14.0	(0.7)	17.2	(0.8)	23.6	(0.9)	-12.1	(1.1)	8.9	(0.8)	7.3	(0.6)	7.6	(0.6)	8.5	(0.6)	0.4	(1.0)
	Austria	12.1	(1.1)	13.4	(1.1)	18.4	(1.1)	23.0	(1.4)	-10.8	(1.7)	9.3	(1.0)	7.6	(0.7)	6.7	(0.8)	7.4	(1.2)	2.0	(1.5)
	Belgium	10.3	(0.9)	16.0	(1.1)	19.9	(0.9)	25.0	(1.3)	-14.6	(1.5)	7.6	(0.7)	6.4	(0.8)	7.2	(0.6)	8.4	(0.7)	-0.8	(1.1)
	Canada	12.2	(0.7)	13.6	(0.7)	17.4	(1.0)	22.7	(0.9)	-10.6	(1.3)	7.2	(0.6)	8.5	(0.7)	9.0	(0.7)	9.0	(0.7)	-1.9	(0.9)
	Czech Republic	9.9	(1.1)	13.4	(1.3)	16.1	(1.1)	24.3	(1.4)	-14.1	(1.7)	6.9	(1.0)	7.0	(0.9)	8.3	(0.9)	9.4	(0.8)	-2.8	(1.2)
	Denmark	6.4	(0.9)	4.7	(0.7)	4.6	(0.7)	5.7	(0.8)	0.7	(1.2)	6.6	(0.9)	3.7	(0.6)	3.5	(0.6)	4.5	(0.7)	2.2	(1.2)
	Finland	3.2	(0.5)	5.4	(0.7)	5.3	(0.7)	7.5	(1.0)	-4.2	(1.0)	2.3	(0.4)	3.1	(0.6)	2.4	(0.4)	1.9	(0.4)	0.4	(0.6)
	France	14.2	(1.3)	19.7	(1.2)	23.8	(1.6)	32.4	(1.8)	-18.1	(2.3)	10.0	(0.9)	9.9	(1.0)	7.7	(1.0)	8.6	(0.9)	1.4	(1.3)
	Germany	15.3	(1.2)	21.8	(1.3)	25.4	(1.4)	23.7	(1.4)	-8.8	(2.0)	6.4	(0.8)	5.7	(0.7)	8.4	(0.9)	8.6	(0.9)	-2.1	(1.2)
	Greece	30.4	(1.8)	41.3	(1.9)	48.4	(1.8)	58.9	(1.5)	-28.6	(2.5)	39.1	(1.8)	47.0	(1.8)	48.8	(1.9)	48.8	(2.5)	-9.9	(2.9)
	Hungary	17.7	(1.2)	27.7	(1.6)	37.1	(1.8)	47.5	(1.8)	-29.7	(2.2)	9.3	(1.1)	10.2	(1.1)	11.5	(1.1)	12.2	(0.9)	-2.7	(1.5)
	Iceland	9.9	(1.0)	13.5	(1.1)	17.2	(1.3)	18.0	(1.2)	-8.1	(1.7)	5.2	(0.8)	5.7	(0.8)	7.6	(0.8)	8.2	(0.8)	-3.1	(1.1)
	Ireland	12.3	(1.0)	18.7	(1.1)	25.6	(1.4)	28.9	(1.3)	-16.5	(1.7)	7.2	(1.0)	9.0	(0.9)	9.8	(1.0)	12.8	(1.1)	-5.6	(1.5)
	Italy	22.5	(1.0)	33.5	(1.0)	42.5	(1.1)	50.4	(1.0)	-27.8	(1.3)	14.3	(0.8)	14.4	(0.9)	13.0	(0.8)	14.7	(0.7)	-0.4	(1.0)
	Japan	5.8	(0.7)	7.7	(0.8)	9.9	(1.1)	14.1	(1.3)	-8.2	(1.5)	5.5	(0.7)	7.6	(0.8)	8.3	(0.9)	12.3	(1.1)	-6.8	(1.2)
	Korea	20.3	(1.4)	27.4	(1.4)	33.8	(1.5)	43.7	(1.6)	-23.4	(2.1)	19.7	(1.4)	28.8	(1.1)	31.0	(1.6)	45.6	(1.9)	-25.9	(2.6)
	Luxembourg	17.1	(1.2)	25.0	(1.3)	27.0	(1.4)	23.3	(1.3)	-6.4	(1.7)	9.0	(0.9)	7.4	(0.9)	5.5	(0.7)	6.0	(0.7)	2.9	(1.1)
	Mexico	13.3	(1.3)	14.9	(0.9)	19.6	(0.9)	23.9	(0.9)	-10.7	(1.5)	14.5	(1.4)	13.8	(0.9)	17.8	(0.9)	18.5	(0.9)	-4.3	(1.6)
	Netherlands	4.2	(0.7)	6.3	(0.8)	8.6	(0.9)	10.7	(1.0)	-6.4	(1.2)	3.8	(0.6)	4.2	(0.8)	3.4	(0.6)	2.8	(0.6)	0.8	(0.8)
	New Zealand	11.1	(1.1)	13.6	(1.0)	20.3	(1.2)	24.1	(1.4)	-13.2	(1.8)	10.8	(1.1)	7.3	(0.8)	11.1	(1.1)	9.8	(0.8)	1.0	(1.3)
Norway	4.2	(0.7)	4.2	(0.7)	6.4	(0.8)	6.1	(0.7)	-1.9	(0.9)	5.1	(0.9)	3.7	(0.7)	5.1	(0.7)	5.0	(0.7)	0.1	(1.1)	
Poland	9.0	(0.9)	11.8	(1.1)	21.2	(1.3)	35.0	(1.5)	-26.0	(1.7)	7.9	(0.9)	7.5	(0.7)	10.6	(0.9)	16.5	(1.4)	-8.6	(1.6)	
Portugal	14.3	(1.3)	23.2	(1.3)	28.2	(1.7)	40.9	(2.2)	-26.9	(2.8)	10.6	(1.2)	12.3	(1.2)	15.3	(1.3)	20.2	(1.6)	-9.6	(2.0)	
Slovak Republic	13.7	(1.1)	20.3	(1.3)	32.3	(2.0)	35.9	(1.9)	-22.6	(2.1)	8.2	(0.8)	10.0	(0.9)	13.0	(1.1)	13.6	(1.0)	-5.4	(1.3)	
Spain	20.9	(1.2)	26.2	(1.2)	31.7	(1.3)	35.8	(1.3)	-14.9	(1.7)	20.8	(1.1)	25.7	(1.0)	28.8	(1.2)	29.3	(1.6)	-8.5	(2.1)	
Sweden	6.8	(0.8)	6.1	(0.7)	7.7	(0.8)	8.7	(1.1)	-1.9	(1.4)	5.9	(0.9)	5.4	(0.7)	5.5	(0.6)	5.8	(0.7)	0.1	(1.1)	
Switzerland	16.0	(1.0)	16.8	(1.0)	20.5	(1.0)	26.1	(1.3)	-10.0	(1.7)	6.6	(0.7)	4.7	(0.5)	7.1	(0.7)	6.6	(0.7)	0.1	(0.9)	
Turkey	8.1	(1.2)	9.5	(1.0)	13.7	(1.1)	22.7	(1.6)	-14.5	(2.0)	7.8	(1.0)	8.9	(1.0)	11.1	(0.8)	16.0	(1.4)	-8.0	(1.7)	
United Kingdom	12.1	(1.0)	15.4	(0.8)	18.3	(1.0)	23.9	(1.2)	-11.8	(1.7)	7.8	(0.9)	7.4	(0.8)	7.1	(0.8)	7.3	(0.7)	0.4	(1.1)	
United States	17.3	(1.6)	16.7	(1.2)	18.0	(1.3)	17.5	(1.4)	-0.4	(2.2)	15.9	(1.6)	13.8	(1.4)	11.5	(0.9)	8.9	(1.0)	7.1	(1.9)	
OECD average	12.7	(0.2)	16.7	(0.2)	21.2	(0.2)	26.1	(0.2)	-13.4	(0.3)	10.0	(0.2)	10.5	(0.2)	11.5	(0.2)	12.9	(0.2)	-2.9	(0.3)	
Partners	Argentina	20.3	(1.4)	27.2	(1.9)	36.4	(1.9)	40.9	(1.9)	-20.7	(2.3)	15.3	(1.3)	16.9	(1.3)	22.2	(1.9)	22.4	(1.6)	-6.5	(1.9)
	Azerbaijan	22.1	(1.9)	29.0	(2.4)	30.4	(1.3)	41.1	(1.6)	-19.0	(2.4)	37.2	(2.2)	42.7	(1.7)	41.3	(1.6)	42.0	(1.6)	-4.9	(2.7)
	Brazil	11.7	(1.0)	15.8	(1.0)	20.9	(1.3)	30.4	(1.4)	-18.3	(1.8)	14.0	(1.3)	17.3	(1.0)	19.0	(1.2)	21.2	(1.3)	-7.2	(1.9)
	Bulgaria	19.1	(1.5)	25.1	(1.4)	30.9	(1.6)	32.3	(1.5)	-13.0	(2.1)	20.3	(1.7)	15.8	(1.3)	17.5	(1.6)	16.4	(1.1)	4.0	(1.8)
	Chile	7.6	(1.1)	9.8	(1.2)	11.5	(1.1)	24.2	(1.6)	-16.5	(1.9)	10.0	(1.0)	8.3	(1.1)	7.9	(0.7)	11.2	(1.0)	-0.9	(1.4)
	Colombia	21.1	(1.7)	19.5	(1.5)	28.8	(2.0)	32.1	(1.7)	-11.3	(2.3)	16.1	(1.2)	17.1	(1.4)	18.9	(1.5)	19.0	(1.3)	-2.8	(1.8)
	Croatia	19.0	(1.2)	26.8	(1.5)	29.7	(1.4)	36.1	(1.4)	-17.2	(1.9)	9.9	(1.0)	10.5	(0.8)	8.5	(0.9)	10.2	(0.8)	-0.2	(1.1)
	Estonia	11.4	(1.3)	18.0	(1.4)	19.3	(1.3)	20.2	(1.2)	-8.6	(1.9)	6.1	(1.0)	7.8	(0.8)	9.2	(0.8)	9.3	(1.0)	-3.3	(1.3)
	Hong Kong-China	12.4	(1.0)	18.3	(1.4)	28.3	(2.1)	37.6	(2.1)	-25.2	(2.4)	12.8	(1.3)	14.0	(1.3)	21.1	(1.5)	23.4	(1.5)	-10.7	(1.9)
	Indonesia	10.9	(1.2)	14.3	(0.9)	16.0	(1.1)	28.5	(2.1)	-17.5	(2.3)	13.8	(1.1)	18.4	(1.1)	20.5	(1.6)	25.1	(1.6)	-11.4	(1.9)
	Israel	32.2	(1.8)	38.4	(2.0)	46.8	(1.9)	52.2	(1.7)	-19.8	(2.4)	24.4	(1.7)	18.7	(1.5)	17.9	(1.5)	19.6	(1.2)	4.9	(1.9)
	Jordan	27.8	(1.3)	32.8	(1.5)	39.6	(1.5)	37.3	(1.5)	-9.6	(1.8)	25.5	(1.5)	25.1	(1.3)	27.2	(1.4)	23.0	(1.2)	2.3	(2.0)
	Kyrgyzstan	23.9	(1.5)	27.2	(1.5)	24.7	(1.3)	29.9	(1.6)	-5.9	(2.2)	25.7	(1.7)	28.9	(1.7)	26.4	(1.5)	26.9	(1.4)	-1.2	(2.2)
	Latvia	20.9	(1.7)	27.5	(1.7)	35.2	(1.7)	45.3	(1.9)	-24.4	(2.4)	9.3	(0.9)	13.7	(1.2)	15.8	(1.1)	17.5	(1.2)	-8.1	(1.5)
	Liechtenstein	15.4	(3.3)	10.4	(3.6)	11.4	(3.8)	18.1	(4.7)	-2.2	(5.2)	3.7	(2.1)	1.2	(1.2)	2.5	(1.7)	2.5	(1.7)	1.3	(2.7)
	Lithuania	7.7	(0.8)	12.0	(1.0)	20.6	(1.6)	31.0	(1.6)	-23.4	(1.8)	4.9	(0.6)	6.6	(0.8)	7.4	(0.8)	9.0	(1.1)	-4.0	(1.3)
	Macao-China	19.6	(1.4)	18.1	(1.1)	22.2	(1.4)	27.7	(1.5)	-8.1	(1.8)	20.2	(1.3)	17.4	(1.2)	20.6	(1.3)	24.2	(1.5)	-4.1	(2.0)
	Montenegro	25.2	(1.4)	33.1	(1.7)	41.6	(1.7)	50.0	(1.8)	-25.3	(2.1)	19.8	(1.3)	19.0	(1.4)	22.3	(1.3)	21.7	(1.3)	-1.9	(2.1)
	Qatar	30.9	(1.2)	34.6	(1.4)	37.0	(1.4)	42.2	(1.3)	-11.1	(1.7)	26.0	(1.2)	26.3	(1.2)	24.6	(1.2)	24.7	(1.1)	1.4	(1.5)
	Romania	22.9	(1.8)	26.2	(2.0)	27.8	(1.7)	34.7	(2.4)	-12.0	(2.9)	18.7	(1.6)	20.1	(2.3)	18.4	(1.3)	21.9	(2.0)	-3.6	(2.8)
Russian Federation	13.9	(1.1)	18.2	(1.2)	23.6	(1.3)	30.9	(1.4)	-17.0	(1.7)	11.6	(1.2)	11.6	(1.0)	12.5	(1.1)	14.3	(1.2)	-2.7	(1.3)	
Serbia	27.0	(1.6)	35.7	(1.5)	42.2	(2.0)	49.1	(1.7)	-22.2	(2.2)	11.4	(0.9)	12.0	(0.9)	13.2	(1.1)	15.0	(1.2)	-3.6	(1.5)	
Slovenia	22.0	(1.2)	27.9	(1.4)	29.4	(1.5)	27.5	(1.4)	-5.5	(1.9)	5.8	(0.7)	6.7	(0.8)	6.4	(0.8)	7.1	(0.8)	-1.5	(0.9)	
Chinese Taipei	20.4	(1.0)	21.8	(0.9)	24.3	(0.9)	28.5	(1.2)	-8.2	(1.5)	22.6	(0.9)	22.8	(0.9)	25.0	(1.1)	24.2	(0.9)	-1.5	(1.3)	
Thailand	13.4	(1.2)	19.1	(1.4)	21.9	(1.3)	27.6	(1.3)	-14.3	(1.6)	18.3	(1.2)	24.3	(1.5)	25.4	(1.5)	28.1	(1.6)	-9.9	(1.9)	
Tunisia	21.1	(1.4)	25.8	(1.6)	31.9	(1.5)	44.3	(2.7)	-23.0	(3.0)	22.7	(1.4)	25.3	(1.6)	27.7	(1.4)	37.5	(1.8)	-14.8	(2.2)	
Uruguay	17.2	(1.4)	25.6	(1.6)	32.2	(1.6)	41.7	(1.5)	-24.7	(2.3)	12.9	(1.3)	17.6	(1.6)	23.8	(1.5)	30.0	(1.5)	-16.9	(2.0)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.15 Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

	Proportion of students participating in out-of-school lessons with non-school teachers																			
	Large group lessons									At least one of these types of out-of-school lessons										
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	7.9	(0.7)	6.6	(0.6)	7.1	(0.5)	7.1	(0.4)	0.8	(0.7)	18.5	(1.0)	20.3	(0.9)	23.7	(1.0)	29.9	(0.9)	-11.3	(1.4)
Australia	9.1	(1.4)	7.3	(0.8)	5.7	(0.7)	2.6	(0.5)	6.6	(1.5)	21.9	(1.9)	21.9	(1.2)	25.4	(1.3)	27.6	(1.6)	-5.7	(2.3)
Austria	4.9	(0.6)	4.5	(0.6)	4.0	(0.6)	3.9	(0.6)	0.9	(0.8)	16.4	(0.9)	20.0	(1.3)	24.6	(1.0)	29.2	(1.4)	-12.6	(1.7)
Belgium	7.4	(0.6)	7.0	(0.6)	7.3	(0.6)	6.5	(0.6)	0.9	(0.8)	18.4	(1.0)	20.1	(0.9)	24.2	(1.1)	28.5	(1.1)	-10.1	(1.5)
Canada	5.7	(1.0)	5.4	(0.8)	5.9	(0.8)	5.5	(0.8)	-0.2	(1.3)	15.7	(1.5)	18.0	(1.5)	22.9	(1.3)	30.5	(1.4)	-15.1	(2.1)
Czech Republic	5.1	(0.8)	3.7	(0.8)	3.0	(0.6)	3.6	(0.5)	1.4	(0.9)	12.2	(1.2)	9.4	(1.1)	8.9	(0.9)	10.9	(1.2)	1.4	(1.7)
Denmark	2.8	(0.4)	4.0	(0.5)	4.1	(0.6)	3.9	(0.5)	-1.0	(0.7)	6.2	(0.7)	8.8	(1.0)	8.6	(0.8)	10.3	(1.0)	-4.1	(1.1)
Finland	7.5	(1.1)	5.6	(0.8)	3.9	(0.6)	2.3	(0.6)	5.2	(1.3)	20.0	(1.5)	23.1	(1.4)	27.1	(1.6)	35.4	(1.9)	-15.6	(2.4)
France	4.9	(0.7)	3.7	(0.7)	2.7	(0.6)	3.5	(0.7)	1.4	(0.9)	21.2	(1.2)	26.8	(1.4)	30.6	(1.5)	30.4	(1.5)	-9.4	(2.1)
Germany	18.7	(1.8)	18.1	(1.3)	21.1	(1.4)	16.1	(1.7)	2.6	(2.2)	56.5	(1.9)	68.0	(1.7)	75.0	(1.4)	83.0	(1.3)	-26.4	(2.4)
Greece	11.6	(1.4)	7.3	(0.8)	7.3	(0.8)	8.7	(1.0)	3.0	(1.8)	26.6	(1.7)	32.6	(1.7)	42.5	(1.9)	51.6	(1.7)	-25.1	(2.3)
Hungary	4.1	(0.6)	4.2	(0.7)	6.3	(0.8)	5.9	(0.7)	-1.7	(0.9)	14.2	(1.2)	18.1	(1.2)	23.2	(1.4)	23.5	(1.3)	-9.3	(1.7)
Iceland	5.6	(0.9)	6.0	(0.7)	7.0	(1.0)	8.2	(1.0)	-2.6	(1.4)	18.9	(1.6)	25.7	(1.3)	33.6	(1.7)	37.4	(1.3)	-18.6	(2.1)
Ireland	9.6	(0.7)	8.8	(0.7)	9.2	(0.7)	8.3	(0.6)	1.2	(0.9)	34.2	(1.2)	42.3	(1.0)	50.1	(1.2)	57.1	(1.0)	-23.0	(1.5)
Italy	7.5	(0.8)	6.4	(0.9)	8.5	(1.0)	10.2	(1.0)	-2.6	(1.1)	14.8	(1.1)	15.9	(1.3)	21.4	(1.6)	28.7	(1.8)	-14.0	(1.9)
Japan	18.5	(1.4)	25.8	(1.3)	28.1	(1.3)	35.4	(1.5)	-16.9	(2.0)	39.0	(1.7)	54.6	(1.5)	61.1	(1.6)	76.7	(1.6)	-37.4	(2.5)
Korea	9.5	(0.9)	6.0	(0.8)	3.6	(0.5)	2.8	(0.5)	6.7	(1.1)	24.1	(1.3)	30.6	(1.5)	30.3	(1.4)	27.0	(1.3)	-3.0	(1.8)
Luxembourg	17.7	(1.6)	15.5	(1.1)	16.6	(0.9)	14.9	(0.7)	2.8	(1.8)	26.4	(1.8)	26.9	(1.2)	32.0	(1.1)	36.5	(1.2)	-10.2	(2.0)
Mexico	4.9	(0.8)	4.3	(0.7)	3.0	(0.6)	2.5	(0.5)	2.5	(0.9)	9.9	(1.1)	10.2	(1.1)	11.4	(1.0)	13.0	(1.1)	-3.0	(1.5)
Netherlands	8.6	(0.9)	6.5	(0.8)	5.5	(0.7)	6.7	(0.7)	1.8	(1.2)	19.2	(1.4)	19.7	(1.3)	26.2	(1.4)	30.4	(1.4)	-11.1	(2.0)
New Zealand	4.8	(0.6)	4.7	(0.7)	5.4	(0.8)	4.8	(0.6)	0.1	(0.8)	9.9	(1.0)	8.2	(1.0)	10.5	(1.0)	10.2	(0.8)	-0.2	(1.3)
Norway	8.7	(0.8)	8.9	(0.8)	10.3	(1.0)	12.1	(1.0)	-3.4	(1.3)	16.8	(1.3)	20.5	(1.2)	30.3	(1.5)	47.9	(1.8)	-31.1	(2.2)
Poland	9.6	(1.2)	6.5	(1.0)	9.4	(1.1)	7.0	(0.9)	2.1	(1.5)	22.2	(1.5)	29.5	(1.3)	37.1	(1.7)	52.1	(2.6)	-30.7	(3.2)
Portugal	6.4	(0.8)	5.7	(0.7)	8.2	(1.1)	9.2	(1.1)	-2.1	(1.3)	18.6	(1.2)	24.1	(1.4)	35.4	(1.9)	40.7	(1.8)	-22.4	(2.0)
Slovak Republic	9.9	(0.7)	9.7	(0.8)	11.8	(0.7)	10.5	(0.9)	-0.6	(1.2)	33.4	(1.3)	40.0	(1.2)	47.3	(1.4)	53.2	(1.5)	-19.7	(2.1)
Spain	7.1	(0.8)	6.7	(0.9)	6.8	(0.8)	6.9	(0.7)	0.2	(1.2)	13.1	(1.2)	12.0	(1.1)	13.1	(1.0)	13.8	(1.0)	-0.8	(1.6)
Sweden	6.6	(0.7)	4.8	(0.6)	3.4	(0.5)	4.0	(0.5)	2.5	(0.8)	21.8	(1.1)	21.5	(1.1)	25.3	(1.0)	29.8	(1.3)	-7.8	(1.6)
Switzerland	10.0	(1.2)	11.2	(1.2)	14.3	(1.2)	24.6	(1.9)	-14.5	(2.1)	17.8	(1.7)	19.4	(1.5)	25.6	(1.3)	43.5	(2.2)	-25.6	(2.8)
Turkey	8.7	(0.9)	7.4	(0.7)	6.4	(0.7)	6.5	(0.7)	2.2	(1.2)	20.5	(1.4)	21.6	(1.0)	24.2	(1.2)	30.1	(1.4)	-9.6	(1.9)
United Kingdom	15.2	(1.5)	13.7	(1.4)	10.4	(1.0)	7.3	(0.8)	7.8	(1.6)	26.8	(2.2)	25.8	(1.6)	25.6	(1.5)	22.9	(1.6)	3.7	(2.7)
United States	8.6	(0.2)	7.9	(0.2)	8.2	(0.2)	8.4	(0.2)	0.2	(0.2)	21.2	(0.3)	24.5	(0.2)	29.2	(0.2)	34.7	(0.3)	-13.6	(0.4)
OECD average	8.6	(0.2)	7.9	(0.2)	8.2	(0.2)	8.4	(0.2)	0.2	(0.2)	21.2	(0.3)	24.5	(0.2)	29.2	(0.2)	34.7	(0.3)	-13.6	(0.4)
Partners	13.9	(1.5)	13.2	(1.4)	14.4	(1.8)	10.8	(1.1)	3.6	(1.8)	30.4	(1.8)	36.6	(1.9)	43.5	(1.9)	49.3	(2.1)	-18.8	(2.8)
Argentina	39.1	(2.9)	39.6	(1.6)	39.7	(2.0)	37.5	(1.5)	0.9	(3.4)	57.4	(2.3)	62.4	(1.7)	62.9	(1.7)	67.8	(1.5)	-15.7	(2.8)
Azerbaijan	13.9	(1.0)	16.6	(1.1)	14.6	(0.9)	16.8	(1.3)	-3.1	(1.6)	24.8	(1.4)	30.4	(1.3)	33.2	(1.2)	44.0	(1.6)	-19.3	(2.2)
Brazil	21.2	(1.6)	17.2	(1.4)	15.4	(1.6)	13.7	(1.3)	8.0	(2.1)	31.8	(1.9)	33.9	(1.6)	42.3	(1.8)	44.1	(1.6)	-12.2	(2.5)
Bulgaria	10.3	(1.1)	9.1	(1.0)	7.2	(0.6)	6.5	(0.8)	4.0	(1.4)	17.7	(1.4)	18.0	(1.3)	18.8	(1.1)	31.1	(1.6)	-13.3	(2.1)
Chile	15.8	(1.4)	14.2	(1.4)	15.7	(1.7)	19.7	(2.2)	-4.0	(3.0)	31.3	(1.9)	32.2	(1.6)	38.2	(1.8)	45.1	(1.5)	-13.9	(2.8)
Colombia	8.9	(1.0)	7.8	(0.8)	8.2	(0.8)	6.4	(0.8)	2.4	(1.3)	26.2	(1.6)	32.6	(1.4)	36.1	(1.6)	41.2	(1.5)	-15.1	(2.2)
Croatia	5.8	(0.9)	6.7	(0.7)	8.4	(0.8)	8.4	(0.9)	-2.5	(1.2)	16.6	(1.5)	23.5	(1.5)	25.8	(1.3)	27.9	(1.4)	-11.3	(2.1)
Estonia	20.7	(1.4)	26.3	(1.5)	32.7	(2.0)	40.6	(2.1)	-19.8	(2.3)	33.8	(1.6)	44.5	(1.8)	59.7	(1.9)	70.4	(1.8)	-36.4	(2.3)
Hong Kong-China	12.3	(1.2)	16.6	(1.1)	18.3	(1.9)	22.9	(1.5)	-10.6	(1.7)	23.9	(1.5)	31.3	(1.3)	32.9	(2.3)	48.1	(2.1)	-24.3	(2.8)
Indonesia	18.3	(1.7)	15.7	(1.3)	12.4	(1.1)	14.7	(1.1)	3.7	(2.1)	46.7	(2.0)	48.5	(2.1)	54.4	(2.0)	61.3	(1.6)	-14.8	(2.3)
Israel	22.3	(1.4)	22.3	(1.4)	22.4	(1.4)	20.6	(1.4)	1.7	(2.0)	43.2	(1.6)	48.0	(1.4)	52.3	(1.6)	48.6	(1.5)	-5.6	(2.1)
Jordan	33.7	(1.8)	33.7	(1.6)	32.1	(1.6)	27.6	(1.8)	6.3	(2.4)	48.4	(1.9)	50.2	(1.5)	47.3	(1.5)	48.5	(1.8)	-0.1	(2.7)
Kyrgyzstan	14.2	(1.4)	18.0	(1.4)	18.4	(1.3)	17.9	(1.3)	-3.6	(2.1)	28.4	(1.7)	39.2	(1.7)	47.1	(1.7)	54.4	(1.5)	-25.9	(2.0)
Latvia	4.9	(2.4)	0.0	(0.0)	0.2	(0.8)	3.4	(2.1)	1.2	(3.1)	20.1	(4.3)	10.4	(3.6)	14.5	(4.1)	18.8	(4.8)	0.5	(5.7)
Liechtenstein	6.6	(0.6)	7.0	(0.8)	6.8	(0.9)	5.9	(0.7)	0.7	(0.9)	13.9	(0.9)	18.6	(1.4)	25.6	(1.7)	35.5	(1.7)	-21.6	(2.1)
Lithuania	18.7	(1.3)	18.8	(1.4)	19.3	(1.4)	20.6	(1.7)	-1.8	(2.3)	36.2	(1.6)	34.9	(1.6)	38.6	(1.7)	46.5	(1.8)	-10.1	(2.4)
Macao-China	18.8	(1.3)	14.8	(1.2)	17.4	(1.2)	18.6	(1.3)	0.3	(1.8)	36.8	(1.7)	43.2	(1.7)	52.4	(1.7)	57.4	(1.7)	-20.8	(2.4)
Montenegro	24.4	(1.2)	24.9	(1.1)	20.6	(1.1)	21.3	(0.9)	3.3	(1.5)	45.1	(1.3)	48.9	(1.4)	47.9	(1.4)	52.1	(1.2)	-7.1	(1.7)
Qatar	20.6	(1.4)	16.2	(2.0)	13.8	(2.0)	11.1	(1.5)	9.5	(1.7)	36.1	(1.8)	35.7	(2.0)	38.4	(1.8)	43.9	(2.1)	-8.0	(2.5)
Romania	12.1	(0.9)	13.0	(1.1)	11.6	(1.1)	14.2	(1.2)	-2.1	(1.5)	24.3	(1.6)	27.7	(1.6)	32.3	(1.6)	40.7	(1.4)	-16.1	(1.9)
Russian Federation	9.5	(0.9)	10.4	(1.0)	8.4	(1.0)	6.4	(0.8)	3.2	(1.2)	32.4	(1.6)	40.4	(1.5)	46.7	(1.9)	53.4	(1.9)	-21.2	(2.4)
Serbia	6.8	(0.6)	4.7	(0.6)	4.8	(0.7)	3.7	(0.6)	3.1	(0.9)	27.1	(1.2)	32.3	(1.4)	33.5	(1.5)	32.0	(1.5)	-5.1	(2.0)
Slovenia	31.9	(1.2)	37.8	(1.3)	43.3	(1.1)	48.4	(1.4)	-16.5	(1.7)	45.6	(1.1)	52.7	(1.4)	60.9	(1.0)	68.7	(1.0)	-23.0	(1.4)
Chinese Taipei	24.4	(1.3)	28.6	(1.7)	30.5	(1.5)	41.6	(2.8)	-17.1	(3.0)	33.7	(1.6)	40.2	(1.8)	44.7	(1.8)	58.3	(2.6)	-24.7	(2.8)
Thailand	21.6	(1.4)	20.5	(1.5)	18.1	(1.4)	17.0	(1.8)	4.4	(2.2)	38.3	(1.6)	40.8	(1.7)	45.3	(1.6)	55.2	(2.7)	-17.0	(3.0)
Tunisia	9.3	(0.8)	12.0	(1.1)	12.7	(1.3)	14.0	(1.1)	-4.8	(1.4)	23.7	(1.6)	34.1	(1.7)	41.4	(2.0)	51.2	(1.6)	-27.7	(2.3)
Uruguay																				

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.15 Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)

	Proportion of students participating in out-of-school lessons with school teachers																				
	One-to-one lessons										Small group lessons										
	Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	Australia	7.1	(0.6)	6.3	(0.5)	6.5	(0.5)	6.9	(0.6)	0.2	(0.8)	7.5	(0.6)	7.0	(0.5)	7.5	(0.6)	6.7	(0.6)	0.8	(0.8)
	Austria	6.4	(1.0)	6.6	(0.9)	5.1	(0.7)	3.6	(0.6)	2.9	(1.1)	16.3	(1.5)	13.0	(1.2)	12.3	(1.1)	10.7	(1.2)	5.9	(1.7)
	Belgium	7.3	(0.9)	7.6	(0.8)	7.2	(0.8)	6.9	(0.6)	0.6	(1.1)	8.9	(1.0)	8.0	(0.8)	8.1	(0.8)	6.3	(0.7)	2.6	(1.1)
	Canada	12.6	(0.8)	12.4	(0.8)	11.7	(0.7)	12.6	(0.8)	-0.0	(1.2)	11.3	(0.8)	10.5	(0.7)	10.9	(0.7)	9.2	(0.8)	2.1	(1.2)
	Czech Republic	17.2	(1.7)	14.4	(1.2)	13.6	(1.1)	11.5	(1.3)	5.2	(2.4)	12.5	(1.1)	11.0	(1.0)	10.1	(0.9)	10.0	(1.0)	2.0	(1.4)
	Denmark	8.9	(1.0)	4.3	(0.8)	4.6	(0.7)	3.1	(0.5)	5.7	(1.0)	10.3	(1.0)	8.0	(0.9)	6.9	(0.9)	6.4	(0.8)	3.8	(1.1)
	Finland	8.5	(0.9)	9.5	(0.9)	7.1	(0.8)	7.3	(0.8)	1.2	(1.0)	11.2	(1.0)	11.0	(1.0)	8.6	(0.8)	6.6	(0.7)	4.7	(1.2)
	France	9.8	(0.9)	7.2	(1.0)	5.1	(0.8)	5.7	(0.9)	4.2	(1.1)	19.1	(1.3)	19.7	(1.2)	18.8	(1.3)	14.2	(1.3)	5.0	(1.7)
	Germany	5.5	(0.9)	6.0	(0.8)	5.7	(0.8)	5.7	(0.8)	-0.0	(1.2)	7.8	(1.0)	7.4	(1.0)	8.0	(0.8)	7.2	(1.1)	0.5	(1.4)
	Greece	13.3	(1.4)	12.1	(1.2)	12.9	(1.2)	9.8	(1.0)	3.4	(1.7)	16.4	(1.3)	15.9	(1.5)	15.5	(1.3)	11.3	(1.1)	5.0	(1.6)
	Hungary	14.9	(1.3)	13.4	(1.2)	15.2	(1.3)	15.4	(1.3)	-0.6	(1.9)	15.2	(1.2)	9.8	(1.0)	12.7	(1.1)	13.3	(1.4)	1.9	(1.9)
	Iceland	14.2	(0.9)	9.0	(0.9)	10.1	(1.0)	8.3	(0.8)	5.9	(1.3)	17.3	(1.1)	16.2	(1.2)	13.1	(1.1)	11.3	(1.0)	6.0	(1.5)
	Ireland	8.0	(1.4)	6.1	(1.0)	7.1	(0.9)	6.7	(0.8)	1.1	(1.6)	11.0	(1.3)	9.2	(1.1)	9.8	(1.0)	6.0	(0.8)	4.9	(1.6)
	Italy	a	a	a	a	a	a	a	a	a	a	33.3	(1.0)	37.6	(1.1)	38.0	(1.5)	36.5	(1.4)	-3.2	(1.6)
	Japan	4.4	(0.7)	4.2	(0.6)	2.8	(0.5)	3.2	(0.6)	1.2	(0.8)	8.2	(0.9)	7.3	(0.8)	4.8	(0.6)	5.7	(0.7)	2.5	(1.3)
	Korea	10.3	(1.0)	9.7	(0.8)	10.3	(0.9)	7.9	(0.9)	2.3	(1.4)	17.3	(1.1)	16.2	(1.0)	16.1	(1.3)	17.3	(1.1)	0.1	(1.5)
	Luxembourg	15.8	(1.0)	14.7	(1.1)	11.5	(1.0)	12.8	(1.0)	3.0	(1.5)	18.7	(1.1)	15.6	(1.3)	12.5	(1.0)	11.4	(1.0)	7.4	(1.5)
	Mexico	24.8	(1.8)	16.7	(1.4)	16.9	(0.9)	11.1	(0.8)	13.9	(2.0)	24.0	(1.4)	19.0	(1.1)	16.8	(1.1)	10.6	(0.7)	13.4	(1.7)
	Netherlands	8.4	(0.9)	7.6	(0.9)	7.3	(0.8)	6.8	(0.9)	1.3	(1.1)	10.5	(1.0)	8.0	(0.9)	8.7	(0.8)	7.4	(0.9)	2.9	(1.3)
	New Zealand	10.4	(1.2)	8.1	(1.0)	9.4	(1.2)	8.0	(1.3)	2.4	(1.6)	13.0	(1.2)	6.8	(0.8)	9.1	(1.1)	9.8	(1.1)	3.2	(1.6)
	Norway	10.7	(1.2)	8.0	(1.1)	8.5	(0.9)	6.5	(0.9)	4.1	(1.4)	17.1	(1.3)	12.6	(1.2)	10.3	(1.0)	7.3	(0.8)	9.9	(1.7)
	Poland	17.0	(1.3)	15.2	(1.1)	13.6	(0.9)	12.6	(0.9)	4.4	(1.6)	24.5	(1.4)	24.0	(1.3)	23.0	(1.1)	20.8	(1.3)	3.9	(1.8)
	Portugal	25.4	(2.1)	24.0	(1.5)	20.4	(1.4)	17.8	(1.3)	7.2	(2.5)	36.8	(1.9)	32.3	(2.1)	32.5	(1.8)	25.6	(1.6)	11.5	(2.5)
	Slovak Republic	32.1	(2.0)	31.3	(2.0)	31.8	(2.0)	26.3	(1.6)	5.9	(2.3)	19.3	(1.3)	19.7	(1.6)	17.9	(1.5)	15.3	(1.6)	3.7	(1.8)
	Spain	10.1	(1.1)	8.7	(0.7)	9.0	(0.7)	6.3	(0.5)	3.8	(1.1)	14.0	(0.9)	9.9	(0.8)	11.3	(0.6)	7.9	(0.7)	6.2	(1.1)
	Sweden	10.3	(1.1)	10.1	(1.0)	8.0	(0.8)	5.8	(0.8)	4.5	(1.3)	21.1	(1.3)	17.0	(1.2)	11.3	(0.9)	7.2	(0.9)	14.0	(1.6)
	Switzerland	9.1	(0.7)	6.6	(0.6)	5.4	(0.5)	6.0	(0.7)	3.1	(1.0)	13.1	(0.9)	9.8	(0.8)	9.3	(0.8)	7.8	(0.7)	5.3	(1.1)
	Turkey	7.4	(1.1)	8.2	(1.2)	7.8	(0.8)	7.0	(0.9)	0.1	(1.3)	8.9	(0.9)	9.2	(1.0)	10.3	(1.0)	9.0	(0.9)	-0.0	(1.2)
	United Kingdom	13.1	(1.0)	11.1	(0.8)	10.6	(0.8)	10.2	(1.0)	2.8	(1.4)	17.4	(1.1)	18.7	(1.1)	18.0	(1.2)	16.1	(1.1)	1.2	(1.5)
	United States	26.7	(2.0)	23.9	(1.7)	21.2	(1.4)	18.0	(1.2)	8.8	(2.3)	25.5	(1.7)	19.5	(1.6)	17.0	(1.2)	14.5	(1.2)	11.0	(2.0)
	OECD average	12.8	(0.2)	11.1	(0.2)	10.6	(0.2)	9.3	(0.2)	3.4	(0.3)	16.2	(0.2)	14.3	(0.2)	13.6	(0.2)	11.7	(0.2)	4.6	(0.3)
Partners	Argentina	8.1	(1.1)	11.3	(1.6)	12.7	(1.7)	10.3	(1.7)	-1.9	(2.1)	17.9	(1.8)	11.8	(1.3)	12.4	(1.7)	8.1	(1.6)	9.7	(2.5)
	Azerbaijan	31.9	(2.3)	38.4	(2.3)	41.4	(1.7)	44.1	(1.7)	-12.1	(3.0)	33.6	(1.8)	37.3	(2.3)	37.5	(1.9)	40.4	(1.6)	-6.8	(2.2)
	Brazil	12.7	(1.1)	12.5	(1.0)	13.4	(1.0)	15.7	(1.1)	-3.3	(1.5)	25.1	(1.2)	23.3	(1.4)	21.6	(1.3)	24.2	(1.6)	1.2	(2.0)
	Bulgaria	31.8	(2.6)	23.3	(2.1)	19.7	(1.7)	13.3	(1.3)	18.9	(2.9)	25.7	(1.9)	20.4	(1.8)	16.4	(1.4)	14.4	(1.3)	11.5	(2.3)
	Chile	8.4	(1.1)	9.1	(0.9)	8.0	(0.8)	7.4	(1.0)	1.0	(1.6)	20.0	(1.3)	16.9	(1.3)	16.2	(1.4)	11.6	(1.4)	8.2	(2.0)
	Colombia	20.4	(1.5)	14.0	(1.4)	13.6	(1.4)	12.1	(2.0)	8.3	(2.3)	27.3	(1.9)	20.3	(1.9)	19.4	(1.9)	13.4	(1.3)	13.7	(2.0)
	Croatia	15.0	(1.1)	13.2	(1.0)	13.0	(0.9)	11.5	(1.1)	3.5	(1.5)	13.3	(1.2)	11.4	(1.0)	9.7	(0.9)	10.3	(1.0)	3.0	(1.4)
	Estonia	21.0	(1.6)	21.0	(1.7)	17.5	(1.3)	14.1	(1.2)	7.1	(1.9)	16.4	(1.1)	14.7	(1.4)	12.0	(1.1)	11.9	(1.3)	4.6	(1.5)
	Hong Kong-China	6.5	(0.7)	4.9	(0.8)	7.6	(0.9)	4.6	(0.7)	1.8	(0.9)	18.3	(1.3)	16.9	(1.4)	18.7	(1.6)	13.7	(1.4)	4.6	(2.0)
	Indonesia	38.1	(2.6)	33.4	(2.2)	31.1	(3.1)	23.6	(2.7)	14.5	(2.7)	29.5	(2.3)	27.4	(1.8)	27.6	(2.9)	21.5	(2.7)	8.0	(2.5)
	Israel	25.8	(1.7)	20.4	(1.6)	19.2	(1.5)	17.5	(1.3)	8.5	(2.0)	26.5	(1.8)	24.0	(1.7)	18.5	(1.4)	14.0	(1.1)	12.1	(2.0)
	Jordan	27.9	(1.6)	26.1	(1.5)	28.5	(1.5)	26.8	(1.9)	1.2	(2.4)	31.5	(1.5)	32.3	(1.5)	32.6	(1.5)	30.2	(1.8)	1.1	(2.3)
	Kyrgyzstan	64.9	(1.7)	66.4	(1.6)	67.4	(1.8)	56.6	(1.9)	8.0	(2.5)	45.0	(2.0)	45.0	(1.7)	46.5	(1.8)	39.9	(1.7)	4.9	(2.6)
	Latvia	41.3	(2.2)	36.9	(2.0)	31.8	(1.8)	28.6	(1.8)	12.6	(2.7)	33.0	(2.2)	26.0	(1.9)	23.3	(1.3)	19.8	(1.4)	12.8	(2.2)
	Liechtenstein	9.7	(3.4)	2.5	(1.8)	4.9	(2.5)	6.2	(2.8)	3.6	(4.4)	12.9	(3.8)	3.9	(2.2)	6.3	(2.7)	7.3	(2.5)	5.6	(5.0)
	Lithuania	9.7	(1.0)	11.7	(1.2)	12.8	(1.2)	13.7	(1.0)	-4.0	(1.3)	19.3	(1.3)	18.4	(1.4)	17.1	(1.2)	15.7	(1.3)	3.5	(1.8)
	Macao-China	17.1	(1.3)	12.6	(1.0)	13.2	(1.1)	14.0	(1.1)	3.0	(1.6)	24.9	(1.3)	22.4	(1.5)	22.3	(1.5)	21.3	(1.4)	3.4	(1.9)
	Montenegro	28.1	(1.3)	24.6	(1.3)	25.7	(1.4)	21.9	(1.5)	6.2	(2.0)	18.7	(1.1)	19.7	(1.4)	17.8	(1.1)	14.8	(1.2)	4.1	(1.5)
	Qatar	35.3	(1.3)	36.6	(1.3)	31.1	(1.3)	32.7	(0.9)	2.4	(1.5)	30.2	(1.2)	32.0	(1.3)	26.2	(1.0)	28.0	(1.2)	2.3	(1.6)
	Romania	27.9	(2.3)	26.5	(2.7)	27.2	(1.9)	26.0	(1.7)	1.9	(3.0)	32.9	(2.1)	20.9	(2.5)	22.3	(1.6)	21.5	(1.5)	11.3	(2.3)
	Russian Federation	33.4	(1.7)	28.6	(1.6)	29.9	(1.9)	31.1	(1.2)	2.5	(1.8)	34.7	(1.8)	33.1	(1.8)	30.9	(1.9)	27.5	(1.6)	7.2	(2.3)
	Serbia	10.5	(1.0)	10.2	(1.1)	11.4	(1.2)	9.1	(0.8)	1.5	(1.2)	14.1	(1.1)	13.8	(1.2)	12.2	(1.1)	9.0	(1.0)	4.9	(1.4)
	Slovenia	11.8	(1.0)	9.6	(0.9)	6.7	(0.7)	7.3	(0.9)	4.3	(1.2)	10.5	(1.3)	8.3	(0.8)	8.2	(1.0)	8.4	(0.8)	2.1	(1.5)
	Chinese Taipei	18.3	(1.4)	15.8	(1.0)	12.1	(0.9)	11.4	(0.8)	7.0	(1.6)	28.7	(1.6)	24.2	(1.1)	20.4	(1.1)	17.8	(1.0)	11.0	(2.0)
	Thailand	18.8	(1.3)	22.5	(1.4)	23.6	(1.3)	19.2	(1.2)	-0.2	(1.7)	22.3	(1.4)	29.7	(2.0)	31.0	(1.4)	24.3	(1.3)	-1.9	(1.8)
	Tunisia	34.8	(1.8)	42.5	(1.8)	47.3	(1.6)	45.7	(3.0)	-10.9	(3.0)	30.2	(1.5)	34.8	(1.7)	34.7	(1.7)	31.4	(2.3)	-1.3	(2.6)
	Uruguay	7.2	(0.9)	10.6	(1.6)	10.2	(1.3)	10.2	(1.0)	-3.0	(1.1)	7.7	(1.0)	9.7	(1.0)	8.9	(1.3)	9.5	(1.0)	-1.7	(1.4)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.15 Percentage of students by different types of out-of-school-time lessons, by quarters of the PISA index of economic, social and cultural status (ESCS)
[Part 5/5]

		Proportion of students participating in out-of-school lessons with school teachers																			
		Large group lessons					At least one of these types of out-of-school lessons														
		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)		Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference (bottom-top)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	9.7	(0.6)	7.2	(0.5)	7.7	(0.6)	7.9	(0.6)	1.8	(0.8)	14.5	(0.8)	13.2	(0.7)	13.9	(0.8)	14.4	(0.9)	0.1	(1.1)
	Austria	17.7	(1.6)	15.0	(1.3)	15.2	(1.1)	14.7	(1.6)	3.0	(2.1)	26.7	(1.9)	22.6	(1.5)	22.8	(1.4)	21.4	(1.8)	5.5	(2.3)
	Belgium	7.9	(0.9)	6.1	(0.7)	5.8	(0.7)	4.3	(0.5)	3.6	(1.1)	15.7	(1.4)	14.4	(1.1)	14.3	(1.0)	12.7	(0.8)	3.0	(1.6)
	Canada	12.5	(0.8)	11.3	(0.6)	11.6	(0.7)	9.7	(0.7)	2.7	(1.0)	21.5	(1.0)	21.4	(0.9)	21.9	(0.9)	20.7	(1.1)	0.7	(1.5)
	Czech Republic	18.1	(1.4)	14.1	(1.4)	12.5	(1.2)	8.7	(1.1)	9.0	(1.7)	29.1	(1.7)	23.6	(1.6)	21.2	(1.5)	18.8	(1.4)	10.1	(2.0)
	Denmark	9.2	(0.9)	7.6	(1.0)	8.6	(1.0)	6.6	(0.7)	2.5	(1.2)	17.7	(1.4)	14.1	(1.3)	13.0	(1.1)	11.1	(0.9)	6.7	(1.5)
	Finland	12.9	(1.1)	14.2	(1.1)	11.8	(1.1)	9.6	(0.9)	3.4	(1.3)	19.5	(1.1)	21.5	(1.4)	16.9	(1.2)	14.7	(1.1)	4.7	(1.3)
	France	12.7	(1.2)	11.0	(1.1)	8.9	(0.9)	8.6	(1.0)	4.1	(1.5)	25.8	(1.5)	24.6	(1.5)	23.9	(1.4)	20.9	(1.5)	4.9	(2.0)
	Germany	12.6	(1.3)	10.1	(1.0)	10.1	(0.9)	8.2	(0.9)	4.5	(1.7)	18.9	(1.5)	18.5	(1.4)	16.7	(1.2)	15.9	(1.3)	3.0	(2.1)
	Greece	12.6	(1.2)	10.3	(1.0)	9.2	(1.0)	6.3	(0.8)	6.2	(1.2)	25.8	(1.8)	23.1	(1.7)	21.7	(1.5)	17.5	(1.4)	8.3	(2.3)
	Hungary	21.4	(1.6)	13.4	(1.1)	15.1	(1.3)	13.4	(1.2)	7.9	(1.9)	33.5	(1.7)	25.6	(1.5)	28.7	(1.7)	29.5	(2.0)	3.8	(2.6)
	Iceland	12.1	(1.1)	14.5	(1.1)	15.0	(1.1)	14.7	(1.1)	-2.6	(1.6)	29.3	(1.4)	27.6	(1.5)	27.8	(1.4)	23.5	(1.2)	5.8	(1.9)
	Ireland	11.5	(1.1)	10.4	(1.1)	10.2	(1.2)	7.3	(0.9)	4.1	(1.4)	18.9	(1.7)	16.9	(1.3)	17.9	(1.4)	13.9	(1.3)	4.9	(2.0)
	Italy	22.9	(1.0)	25.7	(1.1)	27.4	(1.0)	27.3	(1.0)	-4.4	(1.5)	42.1	(1.1)	46.0	(1.1)	48.0	(1.5)	47.0	(1.4)	-4.9	(1.6)
	Japan	31.2	(2.0)	30.1	(1.7)	29.4	(1.7)	30.6	(1.8)	0.7	(2.3)	36.6	(1.9)	34.9	(1.8)	33.0	(1.7)	34.7	(1.9)	2.0	(2.5)
	Korea	36.0	(1.7)	36.4	(1.7)	35.9	(1.9)	36.5	(2.4)	-0.5	(2.8)	50.5	(1.6)	48.6	(1.7)	50.3	(1.9)	51.9	(2.0)	-1.4	(2.5)
	Luxembourg	14.3	(1.2)	11.7	(1.0)	7.6	(0.9)	5.6	(0.7)	8.8	(1.4)	29.2	(1.3)	27.8	(1.4)	22.8	(1.4)	21.2	(1.3)	8.1	(1.9)
	Mexico	34.2	(1.9)	25.1	(1.1)	21.6	(1.2)	14.4	(0.9)	19.9	(2.2)	45.1	(2.1)	33.9	(1.3)	31.8	(1.1)	22.5	(1.2)	22.8	(2.6)
	Netherlands	8.5	(1.0)	7.7	(0.9)	7.8	(0.8)	4.4	(0.7)	4.1	(1.3)	17.5	(1.6)	15.9	(1.2)	15.6	(1.2)	13.0	(1.4)	4.0	(2.1)
	New Zealand	11.1	(1.2)	8.8	(1.0)	8.4	(1.0)	7.4	(0.8)	3.7	(1.3)	20.2	(1.6)	16.3	(1.3)	17.1	(1.6)	16.6	(1.5)	3.8	(2.0)
Norway	20.0	(1.4)	18.2	(1.4)	15.7	(1.2)	14.7	(1.0)	5.5	(1.6)	29.4	(1.5)	25.0	(1.5)	21.5	(1.4)	18.9	(1.2)	10.7	(1.9)	
Poland	30.6	(1.6)	28.7	(1.6)	27.2	(1.5)	20.3	(1.2)	10.3	(1.9)	45.8	(1.8)	42.8	(1.8)	40.4	(1.5)	35.9	(1.4)	10.0	(2.3)	
Portugal	30.1	(1.9)	26.8	(1.6)	23.2	(1.7)	15.3	(1.5)	15.3	(2.5)	54.8	(2.2)	53.1	(2.2)	45.7	(1.9)	37.7	(1.9)	17.9	(2.9)	
Slovak Republic	27.1	(1.9)	24.1	(1.8)	23.4	(1.7)	21.2	(1.7)	5.7	(2.1)	39.8	(2.1)	39.5	(2.2)	39.4	(2.0)	35.7	(2.1)	4.1	(2.7)	
Spain	14.6	(1.0)	9.3	(0.8)	8.9	(0.7)	6.1	(0.6)	8.6	(1.0)	24.3	(1.3)	17.8	(0.8)	18.2	(0.8)	13.8	(0.8)	10.4	(1.3)	
Sweden	27.8	(1.4)	23.6	(1.3)	17.4	(1.2)	13.9	(1.1)	14.1	(1.7)	35.1	(1.4)	30.1	(1.5)	22.5	(1.3)	17.7	(1.3)	17.4	(2.1)	
Switzerland	16.2	(1.0)	15.9	(1.0)	14.5	(1.3)	9.4	(0.8)	6.7	(1.2)	26.0	(1.2)	23.7	(1.3)	23.2	(1.3)	18.0	(1.3)	8.1	(1.8)	
Turkey	14.0	(1.4)	12.2	(1.2)	12.8	(1.2)	12.2	(1.2)	2.0	(1.8)	19.9	(1.6)	19.6	(1.6)	20.3	(1.3)	19.2	(1.6)	0.9	(2.3)	
United Kingdom	20.8	(1.2)	20.0	(1.1)	18.7	(1.4)	18.3	(1.2)	2.5	(1.7)	32.6	(1.5)	32.0	(1.3)	31.1	(1.5)	30.6	(1.5)	2.0	(2.2)	
United States	24.6	(2.4)	20.4	(1.4)	15.7	(1.2)	12.1	(0.9)	12.6	(2.5)	38.6	(2.2)	34.7	(2.0)	30.9	(1.7)	25.6	(1.2)	13.0	(2.5)	
OECD average	18.5	(0.3)	16.3	(0.2)	15.2	(0.2)	13.0	(0.2)	5.5	(0.3)	29.5	(0.3)	27.0	(0.3)	25.7	(0.3)	23.2	(0.3)	6.3	(0.4)	
Partners	Argentina	15.7	(1.9)	10.9	(1.4)	12.2	(1.7)	6.2	(1.2)	9.8	(2.2)	24.4	(1.9)	19.7	(2.0)	21.4	(2.3)	15.0	(2.1)	9.6	(2.8)
	Azerbaijan	45.1	(2.4)	52.6	(2.0)	51.4	(1.6)	44.3	(2.1)	0.2	(2.8)	60.8	(2.8)	68.1	(2.2)	70.1	(1.8)	71.4	(2.0)	-10.6	(3.1)
	Brazil	22.9	(1.2)	20.8	(1.1)	18.9	(1.3)	19.2	(1.3)	3.6	(1.9)	35.7	(1.5)	33.2	(1.6)	32.7	(1.7)	35.7	(1.7)	-0.2	(2.3)
	Bulgaria	29.0	(2.0)	24.8	(2.4)	19.9	(1.8)	17.7	(1.4)	11.7	(2.4)	44.7	(3.0)	35.8	(2.6)	31.0	(2.0)	28.4	(1.7)	16.7	(3.5)
	Chile	21.7	(1.5)	19.4	(1.1)	17.3	(1.5)	12.4	(1.3)	8.7	(2.1)	31.8	(1.8)	28.9	(1.5)	26.8	(1.8)	21.2	(1.9)	10.3	(2.7)
	Colombia	26.3	(1.8)	18.9	(1.7)	19.1	(1.7)	13.2	(1.6)	13.1	(2.1)	37.9	(1.8)	29.3	(2.1)	29.2	(2.0)	20.9	(1.9)	17.2	(2.5)
	Croatia	15.2	(1.1)	12.2	(1.0)	12.1	(1.1)	8.6	(1.0)	6.5	(1.3)	24.7	(1.3)	22.4	(1.3)	21.5	(1.2)	18.7	(1.6)	6.1	(1.9)
	Estonia	25.4	(1.8)	19.2	(1.1)	16.5	(1.3)	13.5	(1.3)	11.9	(2.4)	39.6	(1.6)	33.8	(1.8)	28.7	(1.7)	26.2	(1.8)	13.7	(2.2)
	Hong Kong-China	42.0	(1.7)	43.4	(1.6)	44.5	(1.9)	37.7	(2.1)	4.1	(2.5)	48.9	(1.8)	50.1	(1.6)	51.2	(1.8)	43.9	(2.4)	5.0	(2.9)
	Indonesia	40.6	(2.9)	37.2	(2.1)	34.0	(3.1)	27.7	(3.1)	12.7	(3.8)	59.5	(3.0)	55.8	(2.3)	49.3	(4.2)	42.6	(4.4)	16.7	(4.5)
	Israel	25.9	(1.6)	20.9	(1.5)	18.7	(1.3)	15.0	(1.2)	10.6	(2.0)	43.4	(2.0)	37.6	(1.8)	31.5	(1.7)	28.1	(1.4)	15.0	(2.3)
	Jordan	41.8	(1.8)	44.0	(1.6)	39.4	(1.5)	38.1	(1.6)	3.8	(2.5)	57.3	(1.8)	58.8	(1.9)	56.7	(1.7)	53.3	(2.1)	3.9	(2.8)
	Kyrgyzstan	54.7	(2.0)	53.1	(1.8)	54.6	(1.8)	49.4	(1.7)	5.3	(2.3)	81.4	(2.0)	81.0	(1.5)	79.7	(1.7)	72.0	(1.9)	9.2	(2.7)
	Latvia	37.3	(1.6)	30.8	(1.6)	26.1	(1.9)	21.7	(1.7)	15.6	(2.1)	59.2	(2.0)	51.4	(2.1)	46.6	(1.7)	44.6	(1.8)	14.5	(2.5)
	Liechtenstein	16.5	(4.1)	8.9	(3.3)	11.2	(3.5)	6.1	(2.6)	10.2	(5.3)	23.8	(4.5)	10.1	(3.5)	17.2	(4.3)	14.7	(4.3)	9.6	(6.4)
	Lithuania	23.2	(1.6)	17.8	(1.3)	20.9	(1.5)	15.6	(1.1)	7.5	(2.0)	35.9	(1.6)	33.8	(1.7)	35.0	(1.7)	32.9	(1.5)	2.9	(2.1)
	Macao-China	37.9	(1.5)	39.2	(1.7)	32.6	(1.4)	29.8	(1.5)	8.0	(2.1)	50.4	(1.6)	49.7	(1.8)	44.6	(1.6)	41.9	(1.5)	8.7	(1.8)
	Montenegro	25.9	(1.4)	21.8	(1.4)	21.0	(1.3)	18.0	(1.3)	7.9	(2.0)	40.0	(1.4)	34.8	(1.6)	35.0	(1.6)	28.7	(1.6)	11.5	(2.1)
	Qatar	31.7	(1.3)	32.0	(1.3)	25.3	(0.9)	28.8	(1.0)	2.9	(1.6)	48.2	(1.3)	48.7	(1.3)	40.7	(1.1)	43.6	(1.3)	4.6	(1.6)
	Romania	31.6	(2.4)	22.8	(2.7)	18.8	(2.3)	14.4	(1.4)	16.9	(3.0)	47.9	(2.0)	38.0	(3.3)	39.3	(2.3)	35.2	(2.2)	12.9	(3.0)
Russian Federation	41.5	(2.1)	38.1	(2.0)	35.1	(1.6)	32.0	(1.5)	9.6	(2.4)	60.7	(2.0)	58.0	(1.8)	56.4	(1.9)	55.5	(1.6)	5.0	(2.1)	
Serbia	18.8	(1.4)	14.9	(1.2)	14.1	(1.1)	10.5	(1.0)	8.4	(1.6)	26.8	(1.5)	24.4	(1.4)	23.6	(1.6)	19.7	(1.2)	7.0	(1.7)	
Slovenia	14.2	(1.1)	12.6	(1.0)	10.2	(0.8)	9.6	(0.9)	4.6	(1.4)	23.6	(1.5)	20.9	(1.1)	17.7	(1.2)	18.2	(1.2)	5.4	(1.7)	
Chinese Taipei	39.7	(1.6)	38.2	(1.5)	33.4	(1.1)	29.1	(1.3)	10.6	(2.0)	51.4	(1.7)	48.3	(1.6)	42.9	(1.2)	37.6	(1.5)	13.7	(2.1)	
Thailand	33.0	(1.9)	41.4	(1.9)	40.9	(1.9)	41.0	(2.0)	-8.3	(2.8)	39.6	(1.8)	48.8	(2.0)	49.7	(1.8)	51.4	(1.9)	-11.9	(2.7)	
Tunisia	32.2	(1.9)	32.7	(1.8)	30.2	(1.5)	26.9	(1.7)	5.5	(2.5)	48.8	(1.8)	55.7	(1.7)	57.1	(1.6)	54.3	(2.4)	-5.5	(2.7)	
Uruguay	9.9	(1.1)	10.1	(1.0)	7.6	(1.1)	7.1	(0.8)	2.9	(1.4)	16.1	(1.5)	18.7	(1.8)	16.9	(1.7)	16.7	(1.5)	-0.7	(1.9)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.16 Percentage of students by different types of out-of-school-time lessons, by immigrant status
[Part 2/5]

		Proportion of students participating in out-of-school lessons with non-school teachers											
		Small group lessons						Large group lessons					
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.3	(0.3)	14.4	(1.0)	-8.0	(1.0)	5.7	(0.3)	12.5	(0.9)	-6.8	(0.9)
	Austria	6.9	(0.5)	12.4	(1.5)	-5.5	(1.5)	5.4	(0.4)	10.7	(2.1)	-5.3	(2.1)
	Belgium	6.6	(0.4)	11.9	(1.2)	-5.2	(1.2)	3.6	(0.3)	9.3	(1.4)	-5.8	(1.3)
	Canada	6.6	(0.3)	14.6	(0.9)	-8.1	(0.9)	5.6	(0.3)	11.8	(0.8)	-6.1	(0.7)
	Czech Republic	7.7	(0.6)	11.3	(3.3)	-3.6	(3.2)	5.5	(0.5)	6.5	(2.7)	-1.0	(2.6)
	Denmark	3.9	(0.4)	13.4	(1.8)	-9.5	(1.8)	3.3	(0.4)	11.2	(2.2)	-8.0	(2.2)
	Finland	2.2	(0.2)	14.8	(3.9)	-12.6	(3.9)	3.5	(0.3)	14.7	(4.5)	-11.2	(4.5)
	France	8.2	(0.5)	15.4	(1.9)	-7.2	(1.9)	3.9	(0.4)	11.1	(2.1)	-7.1	(2.1)
	Germany	6.9	(0.4)	9.6	(1.6)	-2.7	(1.7)	3.0	(0.3)	8.0	(1.6)	-5.0	(1.5)
	Greece	47.4	(1.4)	26.5	(3.1)	20.9	(3.2)	18.7	(1.0)	14.8	(1.7)	3.9	(1.8)
	Hungary	10.7	(0.6)	13.8	(5.1)	-3.0	(5.1)	8.6	(0.6)	16.1	(4.9)	-7.5	(5.0)
	Iceland	6.4	(0.4)	13.8	(4.5)	-7.4	(4.5)	5.0	(0.4)	7.2	(3.3)	-2.2	(3.4)
	Ireland	9.3	(0.5)	16.3	(2.8)	-7.1	(2.8)	6.4	(0.5)	9.2	(1.9)	-2.8	(1.9)
	Italy	13.6	(0.5)	19.5	(2.2)	-5.9	(2.3)	8.6	(0.4)	14.5	(2.1)	-6.0	(2.1)
	Japan	8.4	(0.6)	c	c	c	c	8.2	(0.6)	c	c	c	c
	Korea	31.4	(0.9)	c	c	c	c	27.0	(0.8)	c	c	c	c
	Luxembourg	5.3	(0.5)	9.6	(0.9)	-4.4	(0.9)	3.4	(0.3)	8.7	(0.8)	-5.3	(0.9)
	Mexico	15.5	(0.6)	29.1	(5.5)	-13.6	(5.5)	15.1	(0.5)	32.9	(5.0)	-17.8	(5.1)
	Netherlands	3.0	(0.4)	8.1	(1.5)	-5.0	(1.6)	3.1	(0.3)	8.6	(1.4)	-5.6	(1.5)
	New Zealand	8.0	(0.5)	16.5	(1.1)	-8.5	(1.2)	6.0	(0.5)	9.7	(1.0)	-3.7	(1.2)
	Norway	4.2	(0.4)	12.2	(2.1)	-7.9	(2.1)	4.6	(0.4)	8.7	(1.7)	-4.1	(1.8)
	Poland	10.6	(0.6)	c	c	c	c	9.7	(0.5)	c	c	c	c
	Portugal	14.5	(0.8)	14.7	(3.4)	-0.2	(3.6)	7.6	(0.5)	13.3	(4.2)	-5.7	(4.2)
	Slovak Republic	11.0	(0.5)	c	c	c	c	7.4	(0.6)	c	c	c	c
	Spain	26.6	(0.7)	19.1	(2.0)	7.5	(2.2)	10.3	(0.5)	13.3	(1.5)	-3.0	(1.5)
	Sweden	4.5	(0.4)	14.4	(1.5)	-9.8	(1.5)	6.1	(0.4)	13.0	(1.9)	-6.9	(2.1)
	Switzerland	5.4	(0.4)	9.2	(0.8)	-3.8	(0.8)	3.8	(0.3)	7.8	(0.9)	-4.0	(1.0)
	Turkey	11.0	(0.6)	7.5	(3.8)	3.6	(3.9)	15.0	(1.0)	15.5	(3.5)	-0.5	(3.4)
United Kingdom	6.7	(0.4)	13.6	(1.8)	-6.9	(1.8)	6.6	(0.4)	14.1	(2.5)	-7.5	(2.6)	
United States	11.2	(0.8)	17.5	(1.9)	-6.3	(1.9)	10.4	(0.8)	16.1	(2.0)	-5.6	(2.0)	
OECD average	10.7	(0.1)	14.6	(0.5)	-4.6	(0.5)	7.7	(0.1)	12.3	(0.5)	-5.4	(0.5)	
Partners	Argentina	19.3	(0.9)	15.4	(3.8)	3.9	(3.8)	12.9	(0.8)	11.4	(2.5)	1.5	(2.6)
	Azerbaijan	40.7	(1.1)	37.0	(4.5)	3.6	(4.5)	39.1	(1.1)	38.5	(5.2)	0.7	(5.3)
	Brazil	17.6	(0.5)	22.8	(3.7)	-5.3	(3.8)	15.1	(0.5)	24.4	(4.0)	-9.3	(4.0)
	Bulgaria	17.1	(1.0)	c	c	c	c	16.5	(1.0)	c	c	c	c
	Chile	9.2	(0.5)	c	c	c	c	8.1	(0.5)	c	c	c	c
	Colombia	17.6	(0.8)	c	c	c	c	16.3	(0.7)	c	c	c	c
	Croatia	9.4	(0.6)	10.8	(1.2)	-1.4	(1.3)	7.8	(0.5)	7.1	(1.1)	0.7	(1.1)
	Estonia	6.8	(0.4)	16.0	(1.5)	-9.2	(1.5)	6.2	(0.4)	12.5	(1.8)	-6.2	(1.8)
	Hong Kong-China	20.5	(0.9)	14.3	(0.9)	6.2	(1.1)	33.1	(1.4)	26.3	(1.3)	6.7	(1.5)
	Indonesia	19.3	(0.8)	26.4	(8.1)	-7.1	(8.2)	17.3	(0.9)	37.1	(9.6)	-19.8	(9.5)
	Israel	19.7	(0.9)	20.2	(1.5)	-0.5	(1.6)	15.2	(0.9)	13.1	(1.3)	2.2	(1.3)
	Jordan	25.0	(1.0)	23.7	(1.8)	1.3	(2.1)	21.5	(0.9)	19.8	(1.6)	1.7	(1.7)
	Kyrgyzstan	26.4	(0.9)	26.4	(3.7)	0.1	(3.9)	31.3	(1.0)	22.4	(4.4)	8.9	(4.4)
	Latvia	13.8	(0.6)	15.9	(1.8)	-2.1	(2.0)	17.1	(0.7)	16.3	(2.2)	0.8	(2.2)
	Liechtenstein	1.5	(0.8)	5.2	(2.0)	-3.7	(2.0)	0.5	(0.5)	5.8	(2.2)	-5.4	(2.2)
	Lithuania	6.7	(0.4)	11.6	(3.5)	-4.9	(3.5)	6.4	(0.5)	8.4	(2.7)	-2.0	(2.8)
	Macao-China	26.5	(1.4)	18.0	(0.7)	8.5	(1.4)	19.6	(1.5)	19.1	(0.8)	0.5	(1.6)
	Montenegro	20.5	(0.6)	21.3	(2.5)	-0.7	(2.7)	17.2	(0.7)	16.7	(2.6)	0.5	(2.6)
	Qatar	29.4	(0.8)	17.9	(0.9)	11.5	(1.2)	26.5	(0.8)	15.3	(0.8)	11.1	(1.3)
	Romania	19.8	(1.2)	c	c	c	c	15.5	(1.2)	c	c	c	c
	Russian Federation	12.4	(0.9)	13.0	(1.6)	-0.6	(1.7)	12.6	(0.6)	13.2	(1.6)	-0.5	(1.6)
	Serbia	12.9	(0.6)	10.3	(1.5)	2.5	(1.6)	8.6	(0.6)	8.2	(1.3)	0.3	(1.4)
	Slovenia	6.5	(0.4)	6.1	(1.1)	0.4	(1.2)	5.0	(0.3)	5.0	(0.9)	0.1	(1.1)
	Chinese Taipei	23.6	(0.5)	25.3	(5.5)	-1.7	(5.5)	40.4	(0.9)	37.0	(6.2)	3.4	(6.5)
	Thailand	23.9	(0.9)	c	c	c	c	31.1	(1.2)	c	c	c	c
	Tunisia	28.2	(1.1)	31.3	(7.4)	-3.1	(7.5)	19.1	(0.9)	29.5	(9.8)	-10.5	(9.8)
	Uruguay	20.9	(0.7)	c	c	c	c	11.7	(0.6)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.16 Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school lessons with non-school teachers								
		At least one of these types of out-of-school lessons								
		Native students		Students with an immigrant background		Difference (native-immigrant)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
								Difference (native-immigrant)	Increase in the logit of participating in out-of-school-time lessons by being a native student	
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	19.4	(0.5)	36.5	(1.5)	-17.1	(1.5)	-16.9	-0.87	(0.07)
	Austria	23.4	(0.8)	29.1	(2.5)	-5.7	(2.4)	-8.3	-0.42	(0.13)
	Belgium	21.7	(0.7)	27.2	(1.6)	-5.5	(1.7)	-10.0	-0.53	(0.09)
	Canada	19.6	(0.5)	33.9	(1.6)	-14.3	(1.7)	-14.3	-0.75	(0.08)
	Czech Republic	21.6	(0.9)	24.8	(4.5)	-3.1	(4.4)	-4.3	-0.24	(0.23)
	Denmark	9.2	(0.7)	23.5	(2.3)	-14.2	(2.5)	-14.4	-1.11	(0.16)
	Finland	8.2	(0.4)	25.0	(6.6)	-16.7	(6.6)	-19.2	-1.45	(0.37)
	France	25.4	(1.0)	32.7	(2.7)	-7.2	(2.8)	-11.5	-0.55	(0.13)
	Germany	26.8	(0.8)	28.3	(2.4)	-1.5	(2.7)	-4.7	-0.23	(0.15)
	Greece	72.8	(1.0)	43.3	(3.7)	29.4	(3.7)	22.1	0.97	(0.17)
	Hungary	38.2	(1.0)	44.8	(5.7)	-6.6	(5.6)	-5.6	-0.23	(0.25)
	Iceland	19.7	(0.7)	21.2	(5.9)	-1.5	(6.0)	-3.5	-0.21	(0.36)
	Ireland	28.9	(0.8)	28.6	(3.2)	0.3	(3.3)	1.6	0.08	(0.18)
	Italy	45.5	(0.6)	48.1	(2.6)	-2.6	(2.6)	-7.0	-0.28	(0.11)
	Japan	20.1	(1.0)	c	c	c	c	c	c	c
	Korea	58.0	(1.0)	c	c	c	c	c	c	c
	Luxembourg	29.0	(0.8)	25.8	(1.3)	3.2	(1.5)	2.5	0.13	(0.08)
	Mexico	29.4	(0.8)	42.3	(5.3)	-12.8	(5.2)	-15.1	-0.66	(0.22)
	Netherlands	10.4	(0.6)	16.8	(1.8)	-6.3	(1.8)	-8.2	-0.69	(0.15)
	New Zealand	20.4	(0.7)	35.6	(1.6)	-15.2	(1.8)	-14.4	-0.74	(0.09)
	Norway	9.0	(0.6)	19.3	(2.7)	-10.3	(2.8)	-11.5	-0.97	(0.20)
	Poland	28.7	(0.9)	c	c	c	c	c	c	c
	Portugal	35.4	(1.0)	28.8	(4.6)	6.7	(4.7)	7.3	0.34	(0.26)
	Slovak Republic	29.5	(1.0)	c	c	c	c	c	c	c
	Spain	43.9	(0.9)	35.4	(2.3)	8.5	(2.5)	6.6	0.28	(0.11)
	Sweden	11.3	(0.6)	27.3	(2.1)	-16.0	(2.2)	-16.2	-1.10	(0.13)
	Switzerland	23.5	(0.7)	27.9	(1.1)	-4.4	(1.1)	-6.3	-0.33	(0.05)
	Turkey	26.6	(1.2)	23.6	(5.0)	3.0	(5.0)	7.0	0.42	(0.31)
	United Kingdom	22.5	(0.7)	38.2	(1.7)	-15.7	(1.8)	-17.2	-0.82	(0.09)
	United States	23.5	(1.0)	31.9	(2.5)	-8.3	(2.5)	-6.7	-0.34	(0.14)
	OECD average	26.7	(0.2)	30.8	(0.7)	-5.2	(0.7)	-7.8	-0.40	(0.04)
	Partners	Argentina	40.1	(1.2)	33.2	(4.3)	6.9	(4.6)	4.5	0.19
Azerbaijan		62.7	(1.0)	58.9	(3.6)	3.8	(3.7)	4.9	0.21	(0.16)
Brazil		32.6	(0.7)	40.4	(4.8)	-7.8	(4.8)	-10.7	-0.46	(0.20)
Bulgaria		37.7	(1.1)	c	c	c	c	c	c	c
Chile		21.1	(0.9)	c	c	c	c	c	c	c
Colombia		36.6	(0.8)	c	c	c	c	c	c	c
Croatia		34.0	(0.9)	33.0	(2.1)	1.0	(2.3)	-1.3	-0.06	(0.10)
Estonia		21.1	(0.6)	38.4	(2.6)	-17.3	(2.6)	-18.3	-0.90	(0.11)
Hong Kong-China		59.5	(1.3)	42.7	(1.5)	16.8	(1.6)	8.4	0.34	(0.07)
Indonesia		33.7	(0.9)	52.8	(8.0)	-19.0	(7.8)	-23.5	-0.97	(0.30)
Israel		52.1	(1.3)	53.3	(2.2)	-1.2	(2.3)	-2.8	-0.11	(0.09)
Jordan		47.8	(1.0)	46.6	(2.0)	1.1	(2.3)	1.0	0.04	(0.10)
Kyrgyzstan		48.0	(1.1)	48.3	(4.7)	-0.3	(5.0)	-0.7	-0.03	(0.21)
Latvia		42.0	(1.1)	46.4	(2.4)	-4.4	(2.6)	-1.9	-0.08	(0.10)
Liechtenstein		15.3	(2.3)	17.3	(3.6)	-2.0	(4.0)	-2.1	-0.16	(0.32)
Lithuania		22.9	(0.8)	29.9	(4.8)	-7.0	(4.8)	-5.7	-0.31	(0.23)
Macao-China		45.4	(1.8)	36.4	(0.9)	9.0	(1.9)	7.7	0.32	(0.08)
Montenegro		47.2	(0.8)	46.8	(3.2)	0.4	(3.3)	2.2	0.09	(0.14)
Qatar		57.0	(0.9)	33.7	(1.1)	23.3	(1.4)	22.6	0.93	(0.06)
Romania		38.5	(1.3)	c	c	c	c	c	c	c
Russian Federation		31.0	(1.2)	32.9	(1.9)	-1.9	(1.9)	-2.0	-0.09	(0.08)
Serbia		43.4	(1.1)	41.7	(2.3)	1.7	(2.2)	2.2	0.09	(0.09)
Slovenia		31.2	(0.8)	30.6	(2.4)	0.7	(2.7)	-0.8	-0.04	(0.13)
Chinese Taipei		57.1	(0.8)	47.7	(6.6)	9.4	(6.7)	8.6	0.35	(0.27)
Thailand		44.0	(1.3)	c	c	c	c	-32.0	-1.39	(0.51)
Tunisia		44.7	(1.4)	57.5	(9.1)	-12.7	(9.4)	-12.8	-0.52	(0.39)
Uruguay		37.3	(1.0)	c	c	c	c	-1.9	-0.08	(0.41)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.16 Percentage of students by different types of out-of-school-time lessons, by immigrant status
[Part 4/5]

		Proportion of students participating in out-of-school lessons with school teachers														
		One-to-one lessons							Small group lessons							
		Native students		Students with an immigrant background		Difference (native-immigrant)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Native students		Students with an immigrant background		Difference (native-immigrant)	
								Difference (native-immigrant)	Increase in the logit of participating in out-of-school-time lessons by being a native student							
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.6	(0.4)	6.8	(0.6)	-0.2	(0.7)	-0.4	-0.06	(0.11)	6.6	(0.4)	8.9	(0.6)	-2.2	(0.7)
	Austria	5.1	(0.5)	6.8	(1.0)	-1.7	(1.1)	0.4	0.09	(0.24)	12.0	(0.9)	19.6	(1.8)	-7.6	(2.0)
	Belgium	6.5	(0.3)	11.6	(1.5)	-5.1	(1.5)	-4.7	-0.59	(0.14)	6.9	(0.4)	13.1	(1.7)	-6.2	(1.8)
	Canada	11.3	(0.4)	14.8	(1.3)	-3.4	(1.4)	-3.8	-0.33	(0.11)	9.7	(0.4)	12.5	(0.9)	-2.8	(1.0)
	Czech Republic	13.9	(0.7)	24.6	(4.5)	-10.7	(4.4)	-9.4	-0.65	(0.23)	10.6	(0.6)	19.0	(4.4)	-8.4	(4.3)
	Denmark	4.3	(0.4)	17.4	(2.6)	-13.0	(2.6)	-8.2	-1.18	(0.20)	7.2	(0.5)	17.3	(2.4)	-10.2	(2.4)
	Finland	8.0	(0.5)	10.2	(3.3)	-2.2	(3.3)	-2.1	-0.26	(0.38)	9.3	(0.5)	12.8	(4.4)	-3.5	(4.3)
	France	5.9	(0.5)	14.3	(1.9)	-8.4	(1.9)	-6.8	-0.86	(0.18)	17.4	(0.8)	21.9	(1.9)	-4.5	(2.0)
	Germany	4.9	(0.4)	10.5	(1.9)	-5.6	(1.9)	-5.6	-0.84	(0.21)	6.9	(0.6)	12.1	(1.4)	-5.2	(1.5)
	Greece	11.9	(0.8)	10.8	(2.0)	1.1	(2.0)	2.8	0.31	(0.23)	14.5	(0.8)	16.6	(3.0)	-2.0	(3.0)
	Hungary	14.5	(0.7)	21.5	(5.0)	-7.0	(5.2)	-7.5	-0.51	(0.31)	12.7	(0.7)	18.7	(4.5)	-6.1	(4.4)
	Iceland	9.9	(0.5)	29.7	(5.3)	-19.8	(5.3)	-17.6	-1.25	(0.27)	14.2	(0.6)	24.7	(5.7)	-10.5	(5.7)
	Ireland	6.5	(0.5)	14.4	(3.6)	-7.9	(3.5)	-7.0	-0.84	(0.24)	8.6	(0.6)	12.9	(3.4)	-4.2	(3.4)
	Italy	a	a	a	a	a	a	a	a	a	35.9	(0.8)	45.2	(3.6)	-9.3	(3.5)
	Japan	3.7	(0.3)	c	c	c	c	c	c	c	6.6	(0.3)	c	c	c	c
	Korea	9.6	(0.5)	c	c	c	c	c	c	c	16.7	(0.6)	c	c	c	c
	Luxembourg	12.2	(0.6)	16.0	(1.0)	-3.8	(1.3)	-3.4	-0.29	(0.11)	11.7	(0.6)	19.1	(1.1)	-7.4	(1.2)
	Mexico	15.8	(0.7)	42.4	(5.9)	-26.6	(5.9)	-18.4	-1.04	(0.26)	16.4	(0.6)	38.3	(5.8)	-21.9	(5.9)
	Netherlands	6.9	(0.5)	11.7	(1.7)	-4.7	(1.7)	-3.3	-0.43	(0.18)	8.1	(0.6)	13.3	(2.1)	-5.2	(2.2)
	New Zealand	8.5	(0.9)	10.9	(1.3)	-2.4	(1.5)	-2.5	-0.29	(0.18)	8.9	(0.7)	11.9	(1.2)	-2.9	(1.3)
	Norway	7.6	(0.5)	19.0	(2.4)	-11.5	(2.5)	-10.6	-1.00	(0.18)	11.3	(0.5)	18.8	(2.7)	-7.6	(2.8)
	Poland	14.4	(0.6)	c	c	c	c	c	c	c	23.1	(0.8)	c	c	c	c
	Portugal	21.1	(0.9)	32.1	(4.1)	-11.0	(4.2)	-11.6	-0.61	(0.19)	30.7	(1.2)	43.7	(2.8)	-13.0	(3.1)
	Slovak Republic	30.2	(1.3)	c	c	c	c	c	c	c	17.9	(1.0)	c	c	c	c
	Spain	7.8	(0.5)	15.4	(2.6)	-7.6	(2.6)	-7.1	-0.73	(0.20)	10.0	(0.4)	20.1	(2.4)	-10.1	(2.3)
	Sweden	7.2	(0.5)	19.1	(1.7)	-11.9	(1.7)	-9.5	-0.95	(0.14)	12.8	(0.6)	24.1	(2.0)	-11.2	(2.0)
	Switzerland	5.0	(0.3)	12.1	(1.0)	-7.1	(1.1)	-6.5	-0.90	(0.11)	8.4	(0.4)	15.2	(1.0)	-6.7	(1.1)
	Turkey	7.6	(0.6)	11.5	(3.5)	-3.9	(3.6)	-4.5	-0.53	(0.41)	9.3	(0.6)	7.6	(3.7)	1.6	(3.7)
United Kingdom	10.4	(0.4)	19.6	(1.8)	-9.2	(1.7)	-8.5	-0.70	(0.11)	17.1	(0.7)	23.1	(1.8)	-6.0	(1.9)	
United States	20.7	(1.1)	28.2	(1.9)	-7.4	(2.1)	-4.3	-0.24	(0.12)	17.5	(1.0)	26.0	(1.8)	-8.5	(1.7)	
OECD average	10.3	(0.1)	17.2	(0.6)	-7.6	(0.6)	-5.9	-0.59	(0.04)	13.3	(0.1)	19.9	(0.6)	-7.0	(0.6)	
Partners	Argentina	10.1	(1.0)	19.7	(4.7)	-9.6	(4.6)	-10.3	-0.85	(0.30)	12.2	(1.0)	22.4	(5.5)	-10.2	(5.3)
	Azerbaijan	38.5	(1.3)	40.3	(4.7)	-1.8	(4.7)	-1.3	-0.05	(0.21)	37.4	(1.3)	32.5	(5.5)	4.9	(5.8)
	Brazil	13.0	(0.6)	26.0	(4.7)	-13.0	(4.7)	-13.5	-0.89	(0.24)	23.1	(0.8)	34.1	(4.4)	-10.9	(4.6)
	Bulgaria	21.7	(1.4)	c	c	c	c	c	c	c	19.1	(1.1)	c	c	c	c
	Chile	8.0	(0.5)	c	c	c	c	c	c	c	16.1	(0.8)	c	c	c	c
	Colombia	14.4	(1.1)	c	c	c	c	c	c	c	19.5	(1.2)	c	c	c	c
	Croatia	12.8	(0.5)	14.1	(1.5)	-1.4	(1.5)	-1.0	-0.09	(0.13)	10.6	(0.6)	13.2	(1.5)	-2.6	(1.7)
	Estonia	17.6	(0.9)	22.7	(2.1)	-5.1	(2.1)	-4.5	-0.29	(0.13)	12.7	(0.6)	19.6	(1.8)	-6.9	(1.8)
	Hong Kong-China	5.7	(0.6)	5.8	(0.5)	-0.1	(0.8)	0.2	0.03	(0.15)	16.4	(1.0)	17.4	(1.0)	-1.0	(1.2)
	Indonesia	31.3	(2.3)	59.7	(7.5)	-28.4	(7.7)	-17.7	-0.75	(0.37)	26.5	(2.0)	36.6	(8.7)	-10.2	(8.9)
	Israel	19.9	(1.0)	19.1	(1.6)	0.9	(1.6)	1.5	0.10	(0.10)	19.7	(0.9)	22.2	(2.2)	-2.6	(2.2)
	Jordan	27.0	(1.0)	23.9	(2.1)	3.1	(1.9)	1.5	0.08	(0.09)	31.4	(1.0)	30.8	(2.0)	0.6	(2.1)
	Kyrgyzstan	64.2	(1.0)	46.0	(6.1)	18.2	(5.9)	11.7	0.48	(0.22)	44.2	(1.1)	32.3	(6.1)	11.9	(6.0)
	Latvia	34.9	(1.2)	31.7	(2.2)	3.2	(2.3)	-0.5	-0.02	(0.11)	25.6	(1.1)	25.5	(2.2)	0.1	(2.3)
	Liechtenstein	2.5	(1.1)	11.7	(3.0)	-9.2	(3.3)	-9.2	-1.64	(0.60)	4.9	(1.3)	11.5	(2.7)	-6.6	(3.1)
	Lithuania	11.5	(0.6)	14.6	(3.6)	-3.0	(3.7)	-3.4	-0.30	(0.30)	17.3	(0.8)	17.8	(3.4)	-0.4	(3.6)
	Macao-China	13.8	(1.1)	14.1	(0.7)	-0.3	(1.3)	0.7	0.06	(0.11)	23.0	(1.2)	22.6	(0.8)	0.4	(1.4)
	Montenegro	25.0	(0.6)	24.9	(2.8)	0.1	(2.7)	-1.5	-0.08	(0.14)	17.9	(0.6)	17.4	(2.2)	0.5	(2.2)
	Qatar	38.8	(0.8)	23.8	(0.8)	15.0	(1.1)	13.9	0.66	(0.05)	32.4	(0.7)	22.2	(0.8)	10.2	(1.1)
	Romania	26.9	(1.3)	c	c	c	c	c	c	c	24.4	(1.1)	c	c	c	c
	Russian Federation	30.3	(0.9)	33.4	(2.3)	-3.1	(2.3)	-3.9	-0.18	(0.11)	31.5	(1.2)	30.9	(2.4)	0.6	(2.2)
	Serbia	10.2	(0.7)	9.6	(1.5)	0.6	(1.6)	-0.4	-0.04	(0.17)	12.0	(0.6)	10.9	(1.3)	1.1	(1.4)
	Slovenia	8.4	(0.4)	12.0	(1.5)	-3.6	(1.7)	-2.6	-0.32	(0.18)	8.5	(0.5)	11.7	(1.8)	-3.2	(1.8)
	Chinese Taipei	14.0	(0.6)	16.1	(4.8)	-2.1	(4.8)	-2.1	-0.17	(0.35)	22.5	(0.7)	19.9	(6.8)	2.6	(6.8)
	Thailand	20.7	(0.7)	c	c	c	c	c	c	c	26.7	(0.9)	c	c	c	c
	Tunisia	42.4	(1.4)	56.1	(8.2)	-13.7	(8.2)	-9.6	-0.38	(0.34)	32.6	(1.1)	58.9	(10.3)	-26.3	(10.2)
	Uruguay	9.3	(0.8)	c	c	c	c	c	c	c	8.9	(0.6)	c	c	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.16 Percentage of students by different types of out-of-school-time lessons, by immigrant status

		Proportion of students participating in out-of-school lessons with school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Native students		Students with an immigrant background		Difference (native-immigrant)		Native students		Students with an immigrant background		Difference (native-immigrant)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	7.8	(0.4)	9.3	(0.7)	-1.5	(0.8)	13.5	(0.6)	15.3	(1.0)	-1.9	(1.0)	-2.1	-0.17	(0.08)
	Austria	14.9	(0.9)	20.0	(2.0)	-5.1	(1.9)	22.1	(1.1)	30.7	(2.1)	-8.6	(1.9)	-6.8	-0.36	(0.10)
	Belgium	5.1	(0.2)	11.0	(1.2)	-5.8	(1.2)	12.8	(0.4)	22.4	(2.0)	-9.6	(2.0)	-7.9	-0.58	(0.12)
	Canada	10.7	(0.4)	12.8	(0.8)	-2.1	(0.9)	20.3	(0.6)	23.8	(1.1)	-3.5	(1.3)	-4.2	-0.25	(0.07)
	Czech Republic	13.1	(0.7)	26.1	(5.6)	-13.0	(5.5)	22.8	(1.0)	35.7	(6.1)	-12.9	(6.1)	-11.7	-0.58	(0.27)
	Denmark	7.5	(0.5)	13.7	(2.3)	-6.1	(2.3)	12.9	(0.7)	28.4	(3.2)	-15.5	(3.1)	-12.2	-0.81	(0.16)
	Finland	12.0	(0.6)	19.3	(4.9)	-7.3	(5.0)	18.0	(0.7)	26.2	(5.2)	-8.1	(5.2)	-7.2	-0.43	(0.28)
	France	9.5	(0.5)	15.4	(1.9)	-5.9	(1.9)	22.8	(0.9)	31.1	(2.3)	-8.3	(2.4)	-6.9	-0.36	(0.12)
	Germany	9.3	(0.6)	15.8	(2.1)	-6.5	(2.1)	16.3	(0.8)	25.5	(2.4)	-9.2	(2.6)	-7.9	-0.50	(0.15)
	Greece	9.3	(0.7)	11.3	(2.1)	-2.0	(2.2)	21.7	(1.0)	23.5	(3.5)	-1.8	(3.4)	1.3	0.08	(0.21)
	Hungary	15.6	(0.8)	28.3	(6.0)	-12.7	(6.4)	29.2	(1.1)	39.8	(5.1)	-10.6	(5.4)	-11.1	-0.49	(0.23)
	Iceland	14.0	(0.6)	16.2	(5.2)	-2.2	(5.3)	26.6	(0.7)	44.3	(5.9)	-17.7	(6.0)	-16.0	-0.72	(0.25)
	Ireland	9.4	(0.6)	15.5	(3.2)	-6.1	(3.2)	16.3	(0.8)	25.2	(3.9)	-8.9	(3.8)	-8.0	-0.51	(0.17)
	Italy	25.7	(0.6)	28.4	(2.4)	-2.7	(2.4)	45.4	(0.8)	51.2	(3.8)	-5.8	(3.7)	-6.8	-0.27	(0.15)
	Japan	30.4	(1.2)	c	c	c	c	34.8	(1.2)	c	c	c	c	c	c	c
	Korea	36.2	(1.3)	c	c	c	c	50.4	(1.2)	c	c	c	c	c	c	c
	Luxembourg	7.7	(0.5)	13.2	(0.9)	-5.4	(1.1)	22.7	(0.7)	29.3	(1.3)	-6.6	(1.6)	-4.8	-0.25	(0.09)
	Mexico	22.3	(0.7)	51.0	(5.3)	-28.6	(5.4)	31.3	(0.8)	71.2	(3.9)	-39.8	(3.8)	-32.6	-1.36	(0.18)
	Netherlands	6.5	(0.6)	11.9	(1.8)	-5.3	(1.9)	14.6	(0.9)	22.8	(2.5)	-8.2	(2.6)	-5.1	-0.36	(0.18)
	New Zealand	8.1	(0.5)	12.3	(1.5)	-4.2	(1.6)	16.8	(1.1)	20.5	(1.8)	-3.7	(2.0)	-4.0	-0.26	(0.13)
Norway	16.6	(0.7)	23.8	(2.7)	-7.2	(2.7)	22.9	(0.7)	34.1	(3.3)	-11.2	(3.3)	-8.4	-0.43	(0.16)	
Poland	26.5	(0.9)	c	c	c	c	41.0	(1.0)	c	c	c	c	c	c	c	
Portugal	23.5	(1.1)	26.2	(4.1)	-2.7	(4.1)	46.9	(1.4)	58.0	(3.0)	-11.0	(3.3)	-12.3	-0.50	(0.14)	
Slovak Republic	24.0	(1.2)	c	c	c	c	38.4	(1.4)	c	c	c	c	c	c	c	
Spain	9.1	(0.5)	16.9	(2.1)	-7.8	(2.1)	17.4	(0.6)	29.9	(2.6)	-12.4	(2.7)	-11.3	-0.65	(0.12)	
Sweden	19.3	(0.8)	31.5	(2.9)	-12.3	(3.1)	24.5	(0.8)	39.9	(2.4)	-15.4	(2.6)	-11.3	-0.54	(0.11)	
Switzerland	13.3	(0.6)	16.8	(1.3)	-3.5	(1.4)	20.8	(0.7)	27.9	(1.5)	-7.1	(1.6)	-6.0	-0.34	(0.08)	
Turkey	12.7	(0.7)	13.0	(5.5)	-0.3	(5.5)	19.6	(1.0)	23.8	(5.6)	-4.2	(5.6)	-5.5	-0.32	(0.31)	
United Kingdom	18.8	(0.7)	26.5	(2.6)	-7.7	(2.6)	30.8	(0.9)	39.7	(2.5)	-8.9	(2.4)	-7.3	-0.32	(0.10)	
United States	16.5	(1.0)	24.7	(2.0)	-8.2	(1.9)	30.1	(1.2)	40.9	(2.0)	-10.8	(2.1)	-6.4	-0.29	(0.10)	
OECD average	15.2	(0.1)	19.6	(0.6)	-6.6	(0.6)	25.5	(0.2)	33.1	(0.7)	-10.1	(0.7)	-8.6	-0.44	(0.03)	
Partners	Argentina	11.0	(1.0)	21.4	(5.3)	-10.4	(5.3)	19.6	(1.4)	32.0	(5.8)	-12.4	(5.5)	-11.6	-0.63	(0.25)
	Azerbaijan	48.2	(1.4)	42.3	(5.3)	6.0	(5.1)	67.6	(1.5)	61.0	(4.3)	6.7	(4.4)	6.8	0.30	(0.19)
	Brazil	19.9	(0.8)	30.1	(4.8)	-10.3	(5.1)	33.6	(0.9)	51.2	(5.1)	-17.6	(5.1)	-18.1	-0.75	(0.20)
	Bulgaria	22.6	(1.2)	c	c	c	c	34.6	(1.6)	c	c	c	c	c	c	c
	Chile	17.5	(0.8)	c	c	c	c	27.0	(1.1)	c	c	c	c	c	c	c
	Colombia	18.9	(1.0)	c	c	c	c	28.6	(1.3)	c	c	c	c	c	c	c
	Croatia	11.6	(0.7)	13.3	(1.5)	-1.7	(1.6)	21.4	(0.9)	23.2	(2.0)	-1.8	(2.0)	-1.2	-0.07	(0.12)
	Estonia	18.1	(0.7)	20.4	(1.8)	-2.3	(1.8)	31.0	(1.0)	36.8	(2.5)	-5.8	(2.4)	-4.8	-0.22	(0.12)
	Hong Kong-China	41.8	(1.4)	42.1	(1.6)	-0.3	(1.5)	48.7	(1.5)	48.3	(1.5)	0.3	(1.6)	2.6	0.10	(0.07)
	Indonesia	34.7	(2.3)	57.9	(9.4)	-23.2	(9.7)	51.5	(3.0)	75.1	(7.3)	-23.5	(7.9)	-15.1	-0.63	(0.48)
	Israel	18.9	(0.9)	21.1	(1.3)	-2.1	(1.5)	33.5	(1.1)	36.8	(2.1)	-3.3	(2.3)	-1.7	-0.07	(0.10)
	Jordan	40.7	(1.0)	39.9	(2.1)	0.8	(2.3)	56.3	(1.2)	54.8	(2.2)	1.5	(2.1)	-0.7	-0.03	(0.08)
	Kyrgyzstan	53.3	(1.2)	36.6	(5.4)	16.7	(5.3)	78.8	(1.1)	61.7	(6.6)	17.1	(6.5)	9.4	0.51	(0.30)
	Latvia	29.5	(1.3)	24.6	(2.3)	4.8	(2.4)	50.8	(1.3)	47.2	(2.8)	3.6	(3.0)	-0.4	-0.01	(0.12)
	Liechtenstein	7.3	(1.8)	15.9	(3.5)	-8.6	(4.3)	10.2	(2.0)	26.7	(4.0)	-16.1	(4.7)	-14.8	-1.08	(0.34)
	Lithuania	19.1	(0.8)	17.7	(5.4)	1.4	(5.4)	33.9	(1.0)	38.1	(5.0)	-4.2	(5.1)	-5.6	-0.24	(0.23)
	Macao-China	31.9	(1.5)	35.7	(0.9)	-3.7	(1.8)	44.3	(1.5)	47.4	(1.0)	-3.1	(1.8)	-0.1	-0.00	(0.08)
	Montenegro	21.7	(0.7)	19.9	(2.8)	1.8	(2.9)	34.7	(0.8)	34.1	(3.5)	0.6	(3.5)	-1.5	-0.07	(0.15)
	Qatar	33.3	(0.8)	22.0	(0.8)	11.3	(1.1)	50.9	(0.8)	34.6	(1.0)	16.3	(1.3)	15.4	0.63	(0.06)
	Romania	21.9	(1.5)	c	c	c	c	40.1	(1.6)	c	c	c	c	c	c	c
Russian Federation	36.5	(1.3)	38.7	(2.4)	-2.2	(2.0)	57.4	(1.3)	59.4	(2.5)	-2.0	(2.1)	-2.8	-0.11	(0.09)	
Serbia	14.5	(0.8)	14.4	(1.9)	0.0	(1.8)	23.4	(0.9)	22.1	(2.0)	1.4	(2.0)	-0.0	-0.00	(0.11)	
Slovenia	11.3	(0.5)	15.0	(1.8)	-3.6	(1.9)	19.7	(0.6)	23.9	(2.4)	-4.2	(2.5)	-3.4	-0.20	(0.14)	
Chinese Taipei	34.9	(0.7)	39.3	(9.0)	-4.5	(8.9)	44.7	(0.9)	46.0	(8.7)	-1.2	(8.5)	-1.1	-0.05	(0.33)	
Thailand	39.2	(1.2)	c	c	c	c	47.4	(1.2)	c	c	c	c	c	c	c	
Tunisia	30.2	(0.9)	61.7	(9.8)	-31.5	(9.8)	53.7	(1.2)	82.3	(7.8)	-28.6	(7.6)	-25.6	-1.20	(0.53)	
Uruguay	8.5	(0.6)	c	c	c	c	16.9	(0.9)	c	c	c	c	c	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.17 Percentage of students by different types of out-of-school-time lessons, by lower and upper secondary schools

	Proportion of students participating in out-of-school lessons with non-school teachers												Proportion of students participating in out-of-school lessons with school teachers																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Large group lessons						At least one of these types of out-of-school lessons						One-to-one lessons																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
OECD																				Australia	7.3	(0.4)	7.0	(0.6)	0.4	(0.7)	22.9	(0.6)	24.0	(1.1)	-1.1	(1.2)	6.4	(0.4)	7.9	(0.8)	-1.5	(0.8)	Austria	13.7	(3.3)	5.7	(0.4)	8.0	(3.3)	38.3	(5.6)	23.3	(0.9)	15.0	(5.7)	15.4	(3.6)	4.8	(0.4)	10.6	(3.6)	Belgium	10.2	(1.9)	4.1	(0.4)	6.2	(1.9)	28.1	(3.4)	22.2	(0.6)	5.9	(3.4)	19.9	(2.9)	6.7	(0.4)	13.2	(2.9)	Canada	8.0	(0.7)	6.9	(0.4)	1.1	(0.8)	23.0	(1.1)	22.8	(0.6)	0.2	(1.2)	15.9	(1.1)	11.7	(0.4)	4.3	(1.1)	Czech Republic	6.8	(0.7)	4.6	(0.7)	2.1	(1.0)	23.5	(1.2)	20.2	(1.2)	3.3	(1.7)	17.2	(1.1)	11.6	(1.0)	5.6	(1.5)	Denmark	3.9	(0.4)	a	a	a	a	10.4	(0.6)	5.8	(3.0)	4.7	(3.1)	5.4	(0.4)	a	a	a	a	Finland	3.7	(0.3)	c	c	c	c	8.5	(0.4)	c	c	c	c	8.1	(0.5)	c	c	c	c	France	8.4	(1.0)	2.5	(0.4)	5.9	(1.0)	25.9	(1.5)	26.7	(1.2)	-0.7	(1.9)	9.8	(0.9)	5.2	(0.7)	4.6	(1.1)	Germany	3.9	(0.4)	0.9	(1.0)	2.9	(1.1)	27.7	(0.6)	14.0	(4.1)	13.7	(4.1)	5.9	(0.5)	1.3	(1.0)	4.6	(1.1)	Greece	18.6	(3.2)	18.5	(1.0)	0.0	(3.3)	39.2	(2.6)	73.3	(1.0)	-34.1	(2.8)	16.1	(4.1)	11.7	(0.8)	4.4	(4.2)	Hungary	22.2	(3.5)	7.7	(0.5)	14.5	(3.6)	33.6	(3.6)	38.7	(1.1)	-5.0	(3.9)	30.2	(3.0)	13.4	(0.8)	16.8	(3.0)	Iceland	5.1	(0.4)	a	a	a	a	19.9	(0.7)	a	a	a	a	10.5	(0.5)	a	a	a	a	Ireland	7.5	(0.7)	5.4	(0.6)	2.2	(0.9)	32.7	(1.1)	22.9	(1.1)	9.9	(1.5)	9.1	(0.8)	3.8	(0.5)	5.3	(0.9)	Italy	22.8	(4.3)	8.8	(0.4)	14.0	(4.4)	48.6	(7.9)	45.9	(0.7)	2.8	(8.0)	a	a	a	a	a	a	Japan	a	a	8.2	(0.6)	a	a	a	a	20.2	(1.0)	a	a	a	a	7.5	(0.6)	a	a	Korea	28.3	(12.6)	26.9	(0.8)	1.5	(12.6)	54.4	(11.2)	57.9	(1.0)	-3.5	(11.2)	8.7	(2.6)	9.6	(0.5)	-0.9	(2.6)	Luxembourg	7.3	(0.5)	2.3	(0.4)	5.0	(0.6)	29.6	(0.7)	25.0	(1.3)	4.6	(1.4)	16.3	(0.7)	9.3	(0.7)	7.0	(1.1)	Mexico	21.7	(1.2)	11.8	(0.5)	9.8	(1.3)	35.5	(1.5)	26.4	(0.8)	9.1	(1.6)	25.6	(1.6)	10.8	(0.4)	14.8	(1.7)	Netherlands	4.5	(0.4)	1.5	(0.3)	3.0	(0.5)	11.8	(0.7)	9.3	(0.8)	2.5	(1.0)	8.7	(0.6)	4.3	(0.9)	4.4	(1.0)	New Zealand	12.3	(2.0)	6.6	(0.4)	5.7	(2.0)	26.0	(2.6)	23.8	(0.7)	2.3	(2.6)	11.4	(1.7)	9.0	(0.8)	2.4	(1.7)	Norway	5.0	(0.4)	c	c	c	c	9.9	(0.6)	c	c	c	c	8.5	(0.5)	c	c	c	c	Poland	10.0	(0.4)	11.8	(3.5)	-1.8	(3.4)	28.8	(0.9)	49.7	(6.8)	-20.8	(6.8)	14.7	(0.6)	6.4	(2.5)	8.3	(2.5)	Portugal	10.8	(1.0)	5.1	(0.5)	5.7	(1.1)	28.2	(1.1)	43.5	(1.7)	-15.3	(2.1)	28.6	(1.5)	14.2	(0.9)	14.4	(1.8)	Slovak Republic	10.3	(1.2)	5.6	(0.6)	4.7	(1.3)	33.9	(2.0)	27.1	(1.1)	6.8	(2.3)	53.3	(2.4)	16.5	(1.1)	36.9	(2.6)	Spain	10.5	(0.5)	c	c	c	c	43.5	(0.8)	c	c	c	c	8.5	(0.5)	c	c	c	c	Sweden	7.1	(0.4)	1.5	(1.0)	5.6	(1.1)	13.3	(0.6)	5.8	(1.9)	7.5	(2.0)	8.9	(0.6)	0.8	(0.6)	8.1	(0.8)	Switzerland	5.3	(0.4)	2.5	(0.7)	2.8	(0.8)	23.6	(0.6)	29.8	(1.9)	-6.2	(1.9)	7.3	(0.3)	4.0	(0.8)	3.3	(0.8)	Turkey	13.4	(2.2)	15.1	(1.0)	-1.7	(2.5)	21.4	(3.8)	26.8	(1.2)	-5.3	(4.1)	12.6	(8.0)	7.4	(0.5)	5.2	(8.1)	United Kingdom	31.1	(8.6)	7.3	(0.4)	23.8	(8.6)	51.8	(4.9)	24.0	(0.7)	27.9	(5.0)	20.6	(6.7)	11.3	(0.4)	9.3	(6.7)	United States	23.2	(3.4)	10.0	(0.6)	13.2	(3.5)	39.8	(3.8)	23.2	(0.9)	16.6	(3.9)	36.9	(4.2)	20.4	(0.8)	16.5	(4.3)	OECD average	11.8	(0.6)	7.5	(0.2)	5.6	(0.8)	29.8	(0.6)	28.1	(0.4)	1.6	(0.8)	15.7	(0.5)	8.7	(0.2)	8.6	(0.6)	Partners																				Argentina	22.2	(1.4)	9.3	(0.8)	12.9	(1.5)	40.2	(2.2)	39.8	(1.4)	0.4	(2.6)	18.2	(2.0)	7.6	(0.8)	10.6	(2.1)	Azerbaijan	38.2	(1.5)	40.0	(1.4)	-1.8	(2.0)	60.6	(1.2)	65.7	(1.6)	-5.1	(1.8)	35.8	(1.3)	43.6	(1.6)	-7.8	(1.5)	Brazil	20.4	(1.0)	13.1	(0.6)	7.3	(1.2)	37.0	(1.2)	31.1	(0.8)	5.9	(1.6)	19.5	(1.3)	10.7	(0.6)	8.7	(1.5)	Bulgaria	26.9	(3.5)	16.1	(1.1)	10.8	(3.6)	35.9	(4.8)	38.2	(1.1)	-2.3	(4.9)	38.0	(4.5)	20.8	(1.5)	17.2	(4.8)	Chile	19.8	(5.3)	7.8	(0.4)	11.9	(5.3)	33.2	(5.4)	20.9	(0.8)	12.3	(5.4)	22.3	(4.5)	7.7	(0.5)	14.7	(4.5)	Colombia	18.7	(1.5)	14.9	(0.9)	3.8	(2.0)	39.0	(1.6)	35.2	(1.3)	3.8	(2.3)	23.2	(1.6)	9.6	(1.4)	13.7	(2.0)	Croatia	c	c	7.8	(0.5)	c	c	c	c	34.1	(0.9)	c	c	c	c	13.0	(0.5)	c	c	Estonia	7.3	(0.5)	7.7	(3.4)	-0.3	(3.5)	23.3	(0.7)	31.5	(5.5)	-8.2	(5.6)	18.5	(0.9)	13.8	(3.8)	4.7	(4.0)	Hong Kong-China	21.0	(1.3)	35.3	(1.5)	-14.3	(1.6)	43.5	(1.7)	57.0	(1.3)	-13.5	(1.7)	9.0	(0.8)	4.1	(0.4)	4.8	(0.9)	Indonesia	20.0	(1.1)	14.8	(1.0)	5.3	(1.4)	35.8	(1.2)	32.1	(1.6)	3.7	(2.2)	48.4	(1.9)	13.2	(1.4)	35.1	(2.0)	Israel	14.8	(1.9)	15.5	(0.8)	-0.6	(1.9)	54.4	(2.7)	52.5	(1.3)	1.9	(2.7)	17.5	(2.0)	21.3	(1.1)	-3.8	(2.1)	Jordan	21.9	(0.8)	a	a	a	a	48.0	(0.9)	a	a	a	a	27.4	(1.0)	a	a	a	a	Kyrgyzstan	33.2	(1.1)	27.6	(1.3)	5.6	(1.5)	49.9	(1.1)	44.5	(1.6)	5.4	(1.8)	63.7	(1.2)	63.9	(1.7)	-0.2	(2.0)	Latvia	17.3	(0.7)	10.9	(2.8)	6.4	(3.1)	42.3	(1.1)	42.7	(5.1)	-0.5	(5.1)	35.0	(1.2)	25.3	(4.0)	9.7	(4.4)	Liechtenstein	2.7	(1.0)	0.0	(0.0)	2.7	(1.0)	15.9	(2.1)	18.3	(6.8)	-2.4	(7.0)	5.9	(1.4)	5.3	(3.7)	0.6	(4.2)	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	12.0	(0.6)	c	c	c	c	Macao-China	21.7	(0.9)	15.5	(1.0)	6.2	(1.3)	43.5	(1.0)	31.6	(1.3)	11.9	(1.5)	17.8	(0.8)	8.2	(0.7)	9.7	(1.0)	Montenegro	c	c	17.4	(0.6)	c	c	c	c	47.5	(0.8)	c	c	c	c	25.1	(0.6)	c	c	Qatar	29.7	(1.2)	20.9	(0.6)	8.9	(1.4)	52.1	(1.3)	47.5	(0.8)	4.7	(1.5)	45.2	(1.5)	30.7	(0.7)	14.6	(1.7)	Romania	15.5	(1.2)	a	a	a	a	38.5	(1.3)	a	a	a	a	26.9	(1.3)	a	a	a	a	Russian Federation	14.5	(1.0)	11.7	(0.7)	2.9	(1.2)	31.2	(1.8)	31.3	(1.2)	-0.0	(1.9)	35.3	(1.2)	28.0	(1.2)	7.3	(1.5)	Serbia	9.3	(4.0)	8.7	(0.5)	0.6	(4.0)	27.2	(8.5)	43.6	(1.1)	-16.4	(8.5)	6.7	(3.4)	10.4	(0.7)	-3.7	(3.4)	Slovenia	12.8	(2.5)	4.8	(0.3)	8.1	(2.5)	29.3	(4.8)	31.3	(0.6)	-1.9	(4.9)	29.2	(5.8)	8.1	(0.3)	21.1	(5.8)	Chinese Taipei	43.2	(1.9)	39.0	(1.0)	4.2	(2.1)	62.0	(1.4)	54.4	(0.9)	7.6	(1.6)	13.3	(1.0)	14.9	(0.8)	-1.6	(1.4)	Thailand	31.8	(1.3)	31.1	(1.5)	0.8	(1.8)	44.2	(1.3)	44.3	(1.7)	-0.1	(2.0)	26.5	(1.4)	18.5	(0.7)	8.1	(1.6)	Tunisia	27.1	(1.4)	12.1	(0.8)	15.0	(1.6)	48.7	(1.3)	41.3	(2.4)	7.4	(2.7)	49.7	(1.6)	36.0	(2.2)	13.7	(2.6)	Uruguay	13.7	(1.2)	11.1	(0.7)	2.6	(1.5)	30.0	(1.6)	41.4	(1.1)	-11.4	(1.9)	12.7	(1.2)	7.9	(1.0)	4.8	(1.5)
Australia	7.3	(0.4)	7.0	(0.6)	0.4	(0.7)	22.9	(0.6)	24.0	(1.1)	-1.1	(1.2)	6.4	(0.4)	7.9	(0.8)	-1.5	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Austria	13.7	(3.3)	5.7	(0.4)	8.0	(3.3)	38.3	(5.6)	23.3	(0.9)	15.0	(5.7)	15.4	(3.6)	4.8	(0.4)	10.6	(3.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Belgium	10.2	(1.9)	4.1	(0.4)	6.2	(1.9)	28.1	(3.4)	22.2	(0.6)	5.9	(3.4)	19.9	(2.9)	6.7	(0.4)	13.2	(2.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Canada	8.0	(0.7)	6.9	(0.4)	1.1	(0.8)	23.0	(1.1)	22.8	(0.6)	0.2	(1.2)	15.9	(1.1)	11.7	(0.4)	4.3	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Czech Republic	6.8	(0.7)	4.6	(0.7)	2.1	(1.0)	23.5	(1.2)	20.2	(1.2)	3.3	(1.7)	17.2	(1.1)	11.6	(1.0)	5.6	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Denmark	3.9	(0.4)	a	a	a	a	10.4	(0.6)	5.8	(3.0)	4.7	(3.1)	5.4	(0.4)	a	a	a	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Finland	3.7	(0.3)	c	c	c	c	8.5	(0.4)	c	c	c	c	8.1	(0.5)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
France	8.4	(1.0)	2.5	(0.4)	5.9	(1.0)	25.9	(1.5)	26.7	(1.2)	-0.7	(1.9)	9.8	(0.9)	5.2	(0.7)	4.6	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Germany	3.9	(0.4)	0.9	(1.0)	2.9	(1.1)	27.7	(0.6)	14.0	(4.1)	13.7	(4.1)	5.9	(0.5)	1.3	(1.0)	4.6	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Greece	18.6	(3.2)	18.5	(1.0)	0.0	(3.3)	39.2	(2.6)	73.3	(1.0)	-34.1	(2.8)	16.1	(4.1)	11.7	(0.8)	4.4	(4.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Hungary	22.2	(3.5)	7.7	(0.5)	14.5	(3.6)	33.6	(3.6)	38.7	(1.1)	-5.0	(3.9)	30.2	(3.0)	13.4	(0.8)	16.8	(3.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Iceland	5.1	(0.4)	a	a	a	a	19.9	(0.7)	a	a	a	a	10.5	(0.5)	a	a	a	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Ireland	7.5	(0.7)	5.4	(0.6)	2.2	(0.9)	32.7	(1.1)	22.9	(1.1)	9.9	(1.5)	9.1	(0.8)	3.8	(0.5)	5.3	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Italy	22.8	(4.3)	8.8	(0.4)	14.0	(4.4)	48.6	(7.9)	45.9	(0.7)	2.8	(8.0)	a	a	a	a	a	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Japan	a	a	8.2	(0.6)	a	a	a	a	20.2	(1.0)	a	a	a	a	7.5	(0.6)	a	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Korea	28.3	(12.6)	26.9	(0.8)	1.5	(12.6)	54.4	(11.2)	57.9	(1.0)	-3.5	(11.2)	8.7	(2.6)	9.6	(0.5)	-0.9	(2.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Luxembourg	7.3	(0.5)	2.3	(0.4)	5.0	(0.6)	29.6	(0.7)	25.0	(1.3)	4.6	(1.4)	16.3	(0.7)	9.3	(0.7)	7.0	(1.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Mexico	21.7	(1.2)	11.8	(0.5)	9.8	(1.3)	35.5	(1.5)	26.4	(0.8)	9.1	(1.6)	25.6	(1.6)	10.8	(0.4)	14.8	(1.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Netherlands	4.5	(0.4)	1.5	(0.3)	3.0	(0.5)	11.8	(0.7)	9.3	(0.8)	2.5	(1.0)	8.7	(0.6)	4.3	(0.9)	4.4	(1.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
New Zealand	12.3	(2.0)	6.6	(0.4)	5.7	(2.0)	26.0	(2.6)	23.8	(0.7)	2.3	(2.6)	11.4	(1.7)	9.0	(0.8)	2.4	(1.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Norway	5.0	(0.4)	c	c	c	c	9.9	(0.6)	c	c	c	c	8.5	(0.5)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Poland	10.0	(0.4)	11.8	(3.5)	-1.8	(3.4)	28.8	(0.9)	49.7	(6.8)	-20.8	(6.8)	14.7	(0.6)	6.4	(2.5)	8.3	(2.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Portugal	10.8	(1.0)	5.1	(0.5)	5.7	(1.1)	28.2	(1.1)	43.5	(1.7)	-15.3	(2.1)	28.6	(1.5)	14.2	(0.9)	14.4	(1.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Slovak Republic	10.3	(1.2)	5.6	(0.6)	4.7	(1.3)	33.9	(2.0)	27.1	(1.1)	6.8	(2.3)	53.3	(2.4)	16.5	(1.1)	36.9	(2.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Spain	10.5	(0.5)	c	c	c	c	43.5	(0.8)	c	c	c	c	8.5	(0.5)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Sweden	7.1	(0.4)	1.5	(1.0)	5.6	(1.1)	13.3	(0.6)	5.8	(1.9)	7.5	(2.0)	8.9	(0.6)	0.8	(0.6)	8.1	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Switzerland	5.3	(0.4)	2.5	(0.7)	2.8	(0.8)	23.6	(0.6)	29.8	(1.9)	-6.2	(1.9)	7.3	(0.3)	4.0	(0.8)	3.3	(0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Turkey	13.4	(2.2)	15.1	(1.0)	-1.7	(2.5)	21.4	(3.8)	26.8	(1.2)	-5.3	(4.1)	12.6	(8.0)	7.4	(0.5)	5.2	(8.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
United Kingdom	31.1	(8.6)	7.3	(0.4)	23.8	(8.6)	51.8	(4.9)	24.0	(0.7)	27.9	(5.0)	20.6	(6.7)	11.3	(0.4)	9.3	(6.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
United States	23.2	(3.4)	10.0	(0.6)	13.2	(3.5)	39.8	(3.8)	23.2	(0.9)	16.6	(3.9)	36.9	(4.2)	20.4	(0.8)	16.5	(4.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
OECD average	11.8	(0.6)	7.5	(0.2)	5.6	(0.8)	29.8	(0.6)	28.1	(0.4)	1.6	(0.8)	15.7	(0.5)	8.7	(0.2)	8.6	(0.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Partners																				Argentina	22.2	(1.4)	9.3	(0.8)	12.9	(1.5)	40.2	(2.2)	39.8	(1.4)	0.4	(2.6)	18.2	(2.0)	7.6	(0.8)	10.6	(2.1)	Azerbaijan	38.2	(1.5)	40.0	(1.4)	-1.8	(2.0)	60.6	(1.2)	65.7	(1.6)	-5.1	(1.8)	35.8	(1.3)	43.6	(1.6)	-7.8	(1.5)	Brazil	20.4	(1.0)	13.1	(0.6)	7.3	(1.2)	37.0	(1.2)	31.1	(0.8)	5.9	(1.6)	19.5	(1.3)	10.7	(0.6)	8.7	(1.5)	Bulgaria	26.9	(3.5)	16.1	(1.1)	10.8	(3.6)	35.9	(4.8)	38.2	(1.1)	-2.3	(4.9)	38.0	(4.5)	20.8	(1.5)	17.2	(4.8)	Chile	19.8	(5.3)	7.8	(0.4)	11.9	(5.3)	33.2	(5.4)	20.9	(0.8)	12.3	(5.4)	22.3	(4.5)	7.7	(0.5)	14.7	(4.5)	Colombia	18.7	(1.5)	14.9	(0.9)	3.8	(2.0)	39.0	(1.6)	35.2	(1.3)	3.8	(2.3)	23.2	(1.6)	9.6	(1.4)	13.7	(2.0)	Croatia	c	c	7.8	(0.5)	c	c	c	c	34.1	(0.9)	c	c	c	c	13.0	(0.5)	c	c	Estonia	7.3	(0.5)	7.7	(3.4)	-0.3	(3.5)	23.3	(0.7)	31.5	(5.5)	-8.2	(5.6)	18.5	(0.9)	13.8	(3.8)	4.7	(4.0)	Hong Kong-China	21.0	(1.3)	35.3	(1.5)	-14.3	(1.6)	43.5	(1.7)	57.0	(1.3)	-13.5	(1.7)	9.0	(0.8)	4.1	(0.4)	4.8	(0.9)	Indonesia	20.0	(1.1)	14.8	(1.0)	5.3	(1.4)	35.8	(1.2)	32.1	(1.6)	3.7	(2.2)	48.4	(1.9)	13.2	(1.4)	35.1	(2.0)	Israel	14.8	(1.9)	15.5	(0.8)	-0.6	(1.9)	54.4	(2.7)	52.5	(1.3)	1.9	(2.7)	17.5	(2.0)	21.3	(1.1)	-3.8	(2.1)	Jordan	21.9	(0.8)	a	a	a	a	48.0	(0.9)	a	a	a	a	27.4	(1.0)	a	a	a	a	Kyrgyzstan	33.2	(1.1)	27.6	(1.3)	5.6	(1.5)	49.9	(1.1)	44.5	(1.6)	5.4	(1.8)	63.7	(1.2)	63.9	(1.7)	-0.2	(2.0)	Latvia	17.3	(0.7)	10.9	(2.8)	6.4	(3.1)	42.3	(1.1)	42.7	(5.1)	-0.5	(5.1)	35.0	(1.2)	25.3	(4.0)	9.7	(4.4)	Liechtenstein	2.7	(1.0)	0.0	(0.0)	2.7	(1.0)	15.9	(2.1)	18.3	(6.8)	-2.4	(7.0)	5.9	(1.4)	5.3	(3.7)	0.6	(4.2)	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	12.0	(0.6)	c	c	c	c	Macao-China	21.7	(0.9)	15.5	(1.0)	6.2	(1.3)	43.5	(1.0)	31.6	(1.3)	11.9	(1.5)	17.8	(0.8)	8.2	(0.7)	9.7	(1.0)	Montenegro	c	c	17.4	(0.6)	c	c	c	c	47.5	(0.8)	c	c	c	c	25.1	(0.6)	c	c	Qatar	29.7	(1.2)	20.9	(0.6)	8.9	(1.4)	52.1	(1.3)	47.5	(0.8)	4.7	(1.5)	45.2	(1.5)	30.7	(0.7)	14.6	(1.7)	Romania	15.5	(1.2)	a	a	a	a	38.5	(1.3)	a	a	a	a	26.9	(1.3)	a	a	a	a	Russian Federation	14.5	(1.0)	11.7	(0.7)	2.9	(1.2)	31.2	(1.8)	31.3	(1.2)	-0.0	(1.9)	35.3	(1.2)	28.0	(1.2)	7.3	(1.5)	Serbia	9.3	(4.0)	8.7	(0.5)	0.6	(4.0)	27.2	(8.5)	43.6	(1.1)	-16.4	(8.5)	6.7	(3.4)	10.4	(0.7)	-3.7	(3.4)	Slovenia	12.8	(2.5)	4.8	(0.3)	8.1	(2.5)	29.3	(4.8)	31.3	(0.6)	-1.9	(4.9)	29.2	(5.8)	8.1	(0.3)	21.1	(5.8)	Chinese Taipei	43.2	(1.9)	39.0	(1.0)	4.2	(2.1)	62.0	(1.4)	54.4	(0.9)	7.6	(1.6)	13.3	(1.0)	14.9	(0.8)	-1.6	(1.4)	Thailand	31.8	(1.3)	31.1	(1.5)	0.8	(1.8)	44.2	(1.3)	44.3	(1.7)	-0.1	(2.0)	26.5	(1.4)	18.5	(0.7)	8.1	(1.6)	Tunisia	27.1	(1.4)	12.1	(0.8)	15.0	(1.6)	48.7	(1.3)	41.3	(2.4)	7.4	(2.7)	49.7	(1.6)	36.0	(2.2)	13.7	(2.6)	Uruguay	13.7	(1.2)	11.1	(0.7)	2.6	(1.5)	30.0	(1.6)	41.4	(1.1)	-11.4	(1.9)	12.7	(1.2)	7.9	(1.0)	4.8	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Argentina	22.2	(1.4)	9.3	(0.8)	12.9	(1.5)	40.2	(2.2)	39.8	(1.4)	0.4	(2.6)	18.2	(2.0)	7.6	(0.8)	10.6	(2.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Azerbaijan	38.2	(1.5)	40.0	(1.4)	-1.8	(2.0)	60.6	(1.2)	65.7	(1.6)	-5.1	(1.8)	35.8	(1.3)	43.6	(1.6)	-7.8	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Brazil	20.4	(1.0)	13.1	(0.6)	7.3	(1.2)	37.0	(1.2)	31.1	(0.8)	5.9	(1.6)	19.5	(1.3)	10.7	(0.6)	8.7	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Bulgaria	26.9	(3.5)	16.1	(1.1)	10.8	(3.6)	35.9	(4.8)	38.2	(1.1)	-2.3	(4.9)	38.0	(4.5)	20.8	(1.5)	17.2	(4.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Chile	19.8	(5.3)	7.8	(0.4)	11.9	(5.3)	33.2	(5.4)	20.9	(0.8)	12.3	(5.4)	22.3	(4.5)	7.7	(0.5)	14.7	(4.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Colombia	18.7	(1.5)	14.9	(0.9)	3.8	(2.0)	39.0	(1.6)	35.2	(1.3)	3.8	(2.3)	23.2	(1.6)	9.6	(1.4)	13.7	(2.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Croatia	c	c	7.8	(0.5)	c	c	c	c	34.1	(0.9)	c	c	c	c	13.0	(0.5)	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Estonia	7.3	(0.5)	7.7	(3.4)	-0.3	(3.5)	23.3	(0.7)	31.5	(5.5)	-8.2	(5.6)	18.5	(0.9)	13.8	(3.8)	4.7	(4.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Hong Kong-China	21.0	(1.3)	35.3	(1.5)	-14.3	(1.6)	43.5	(1.7)	57.0	(1.3)	-13.5	(1.7)	9.0	(0.8)	4.1	(0.4)	4.8	(0.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Indonesia	20.0	(1.1)	14.8	(1.0)	5.3	(1.4)	35.8	(1.2)	32.1	(1.6)	3.7	(2.2)	48.4	(1.9)	13.2	(1.4)	35.1	(2.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Israel	14.8	(1.9)	15.5	(0.8)	-0.6	(1.9)	54.4	(2.7)	52.5	(1.3)	1.9	(2.7)	17.5	(2.0)	21.3	(1.1)	-3.8	(2.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Jordan	21.9	(0.8)	a	a	a	a	48.0	(0.9)	a	a	a	a	27.4	(1.0)	a	a	a	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Kyrgyzstan	33.2	(1.1)	27.6	(1.3)	5.6	(1.5)	49.9	(1.1)	44.5	(1.6)	5.4	(1.8)	63.7	(1.2)	63.9	(1.7)	-0.2	(2.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Latvia	17.3	(0.7)	10.9	(2.8)	6.4	(3.1)	42.3	(1.1)	42.7	(5.1)	-0.5	(5.1)	35.0	(1.2)	25.3	(4.0)	9.7	(4.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Liechtenstein	2.7	(1.0)	0.0	(0.0)	2.7	(1.0)	15.9	(2.1)	18.3	(6.8)	-2.4	(7.0)	5.9	(1.4)	5.3	(3.7)	0.6	(4.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	12.0	(0.6)	c	c	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Macao-China	21.7	(0.9)	15.5	(1.0)	6.2	(1.3)	43.5	(1.0)	31.6	(1.3)	11.9	(1.5)	17.8	(0.8)	8.2	(0.7)	9.7	(1.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Montenegro	c	c	17.4	(0.6)	c	c	c	c	47.5	(0.8)	c	c	c	c	25.1	(0.6)	c	c																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Qatar	29.7	(1.2)	20.9	(0.6)	8.9	(1.4)	52.1	(1.3)	47.5	(0.8)	4.7	(1.5)	45.2	(1.5)	30.7	(0.7)	14.6	(1.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Romania	15.5	(1.2)	a	a	a	a	38.5	(1.3)	a	a	a	a	26.9	(1.3)	a	a	a	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Russian Federation	14.5	(1.0)	11.7	(0.7)	2.9	(1.2)	31.2	(1.8)	31.3	(1.2)	-0.0	(1.9)	35.3	(1.2)	28.0	(1.2)	7.3	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Serbia	9.3	(4.0)	8.7	(0.5)	0.6	(4.0)	27.2	(8.5)	43.6	(1.1)	-16.4	(8.5)	6.7	(3.4)	10.4	(0.7)	-3.7	(3.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Slovenia	12.8	(2.5)	4.8	(0.3)	8.1	(2.5)	29.3	(4.8)	31.3	(0.6)	-1.9	(4.9)	29.2	(5.8)	8.1	(0.3)	21.1	(5.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Chinese Taipei	43.2	(1.9)	39.0	(1.0)	4.2	(2.1)	62.0	(1.4)	54.4	(0.9)	7.6	(1.6)	13.3	(1.0)	14.9	(0.8)	-1.6	(1.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Thailand	31.8	(1.3)	31.1	(1.5)	0.8	(1.8)	44.2	(1.3)	44.3	(1.7)	-0.1	(2.0)	26.5	(1.4)	18.5	(0.7)	8.1	(1.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Tunisia	27.1	(1.4)	12.1	(0.8)	15.0	(1.6)	48.7	(1.3)	41.3	(2.4)	7.4	(2.7)	49.7	(1.6)	36.0	(2.2)	13.7	(2.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Uruguay	13.7	(1.2)	11.1	(0.7)	2.6	(1.5)	30.0	(1.6)	41.4	(1.1)	-11.4	(1.9)	12.7	(1.2)	7.9	(1.0)	4.8	(1.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.17 Percentage of students by different types of out-of-school-time lessons, by lower and upper secondary schools
[Part 3/3]

		Proportion of students participating in out-of-school lessons with school teachers																	
		Small group lessons						Large group lessons						At least one of these types of out-of-school lessons					
		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)		Lower secondary school		Upper secondary school		Difference (lower-upper)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.6	(0.4)	10.1	(1.0)	-3.5	(1.0)	7.9	(0.4)	9.4	(0.7)	-1.5	(0.7)	13.2	(0.6)	17.4	(1.2)	-4.2	(1.3)
	Austria	29.8	(4.2)	12.0	(0.8)	17.8	(4.2)	25.4	(3.8)	15.0	(0.9)	10.3	(4.0)	43.2	(5.2)	22.1	(1.1)	21.2	(5.2)
	Belgium	22.8	(2.5)	7.2	(0.4)	15.6	(2.6)	19.5	(3.1)	5.4	(0.3)	14.1	(3.1)	35.9	(2.9)	13.3	(0.5)	22.6	(3.0)
	Canada	14.6	(1.0)	9.8	(0.4)	4.9	(1.1)	15.5	(0.9)	10.6	(0.4)	4.9	(1.0)	26.7	(1.3)	20.4	(0.6)	6.3	(1.5)
	Czech Republic	13.6	(1.0)	8.5	(0.9)	5.1	(1.3)	16.5	(0.9)	10.5	(1.2)	6.0	(1.5)	28.1	(1.3)	18.7	(1.6)	9.4	(2.1)
	Denmark	8.1	(0.5)	a	a	a	a	8.1	(0.5)	a	a	a	a	14.2	(0.7)	a	a	a	a
	Finland	9.4	(0.5)	c	c	c	c	12.1	(0.6)	c	c	c	c	18.2	(0.7)	c	c	c	c
	France	16.1	(0.9)	19.2	(1.1)	-3.2	(1.5)	10.7	(0.8)	10.2	(0.7)	0.5	(1.1)	23.0	(1.2)	24.5	(1.2)	-1.5	(1.7)
	Germany	7.8	(0.6)	5.6	(1.5)	2.2	(1.6)	10.5	(0.6)	6.3	(4.4)	4.2	(4.5)	17.8	(0.7)	11.3	(6.0)	6.5	(6.1)
	Greece	17.2	(3.5)	14.6	(0.9)	2.6	(3.6)	17.8	(2.8)	9.0	(0.7)	8.8	(2.9)	27.0	(4.1)	21.6	(1.1)	5.4	(4.3)
	Hungary	22.6	(2.9)	11.9	(0.7)	10.7	(3.0)	38.2	(4.5)	14.0	(0.7)	24.2	(4.6)	54.8	(3.7)	27.3	(1.1)	27.5	(3.9)
	Iceland	14.6	(0.6)	a	a	a	a	14.2	(0.6)	c	c	c	c	27.2	(0.7)	c	c	c	c
	Ireland	11.5	(0.8)	5.1	(0.6)	6.4	(0.9)	13.0	(0.9)	4.9	(0.5)	8.0	(1.1)	21.9	(1.2)	9.2	(0.7)	12.6	(1.4)
	Italy	39.2	(6.5)	36.3	(0.8)	2.9	(6.7)	36.9	(7.7)	25.6	(0.6)	11.3	(7.7)	49.8	(7.7)	45.7	(0.9)	4.1	(7.7)
	Japan	a	a	6.6	(0.3)	a	a	a	a	30.5	(1.2)	a	a	a	a	34.9	(1.2)	a	a
	Korea	12.6	(8.0)	16.8	(0.6)	-4.2	(8.0)	21.4	(9.0)	36.5	(1.3)	-15.1	(9.1)	34.0	(11.8)	50.7	(1.2)	-16.7	(11.9)
	Luxembourg	17.2	(0.7)	9.9	(0.7)	7.4	(1.0)	13.1	(0.7)	4.1	(0.5)	8.9	(0.9)	29.5	(0.8)	17.8	(0.9)	11.7	(1.3)
	Mexico	24.6	(1.5)	12.0	(0.5)	12.6	(1.7)	32.6	(1.8)	16.8	(0.6)	15.7	(2.0)	44.7	(1.9)	24.3	(0.7)	20.4	(2.1)
	Netherlands	9.9	(0.6)	5.5	(1.1)	4.3	(1.1)	7.5	(0.6)	6.4	(1.1)	1.1	(1.3)	16.6	(0.9)	12.5	(1.6)	4.2	(1.7)
	New Zealand	14.9	(2.2)	9.4	(0.6)	5.5	(2.2)	12.7	(2.0)	8.8	(0.6)	3.9	(2.2)	21.0	(2.4)	17.5	(1.0)	3.5	(2.5)
	Norway	12.0	(0.5)	c	c	c	c	17.3	(0.7)	c	c	c	c	23.9	(0.8)	m	m	m	m
	Poland	23.2	(0.8)	11.2	(3.5)	11.9	(3.7)	26.8	(0.9)	12.7	(3.6)	14.1	(3.6)	41.3	(1.0)	20.9	(4.6)	20.4	(4.6)
	Portugal	38.3	(1.5)	24.3	(1.4)	14.1	(1.8)	32.7	(1.7)	13.4	(1.2)	19.4	(2.1)	58.3	(1.8)	35.5	(1.5)	22.8	(2.2)
	Slovak Republic	28.6	(1.7)	11.6	(1.1)	17.0	(1.9)	45.9	(2.1)	10.6	(1.0)	35.3	(2.3)	64.9	(2.3)	22.7	(1.4)	42.2	(2.7)
	Spain	10.8	(0.4)	m	m	m	m	9.8	(0.5)	c	c	c	c	18.6	(0.6)	c	c	c	c
	Sweden	14.4	(0.6)	7.4	(3.7)	7.0	(3.6)	21.1	(0.7)	6.3	(2.6)	14.8	(2.7)	26.8	(0.8)	9.7	(3.4)	17.1	(3.5)
Switzerland	11.1	(0.4)	5.1	(0.6)	6.0	(0.8)	15.7	(0.7)	6.1	(0.7)	9.6	(1.2)	24.6	(0.8)	12.5	(1.1)	12.1	(1.5)	
Turkey	20.6	(6.3)	8.8	0.10	11.9	(6.3)	22.1	(4.8)	12.3	(0.8)	9.8	(4.9)	32.1	(6.5)	19.1	(1.0)	13.0	(6.6)	
United Kingdom	32.5	(6.6)	17.6	(0.6)	14.9	(6.6)	29.2	(8.4)	19.5	(0.7)	9.7	(8.4)	54.7	(5.1)	31.7	(0.9)	23.0	(5.1)	
United States	31.6	(2.9)	17.4	(0.8)	14.2	(3.0)	32.7	(4.2)	16.1	(0.7)	16.6	(4.2)	50.4	(4.4)	29.9	(1.0)	20.6	(4.4)	
OECD average	18.5	(0.6)	12.1	(0.3)	7.7	(0.7)	20.2	(0.6)	12.8	(0.3)	9.8	(0.8)	32.5	(0.7)	22.9	(0.4)	12.7	(0.9)	
Partners	Argentina	23.0	(1.7)	8.3	(0.9)	14.8	(1.9)	22.4	(1.9)	6.7	(0.9)	15.7	(1.8)	35.1	(2.5)	14.0	(1.2)	21.0	(2.7)
	Azerbaijan	34.9	(1.3)	40.7	(1.7)	-5.8	(1.6)	48.9	(1.4)	47.7	(1.8)	1.1	(1.7)	66.6	(1.6)	69.1	(1.7)	-2.5	(1.5)
	Brazil	30.1	(1.2)	20.4	(0.9)	9.8	(1.5)	28.7	(1.2)	16.4	(0.9)	12.3	(1.5)	44.6	(1.4)	29.3	(1.1)	15.3	(1.8)
	Bulgaria	29.5	(4.4)	18.5	(1.1)	11.0	(4.5)	36.6	(4.2)	21.8	(1.3)	14.8	(4.5)	48.1	(5.1)	33.9	(1.7)	14.1	(5.3)
	Chile	31.5	(4.6)	15.6	(0.8)	15.9	(4.6)	32.8	(4.0)	17.1	(0.8)	15.7	(4.1)	47.2	(5.4)	26.4	(1.1)	20.9	(5.6)
	Colombia	30.4	(1.7)	13.3	(1.3)	17.1	(2.2)	28.1	(1.8)	13.6	(1.2)	14.5	(2.0)	40.8	(2.0)	21.8	(1.4)	19.0	(2.1)
	Croatia	c	c	11.1	(0.6)	c	c	c	c	12.0	(0.7)	c	c	c	c	21.7	(0.8)	c	c
	Estonia	13.9	(0.7)	6.6	(2.6)	7.2	(2.6)	18.7	(0.7)	13.4	(3.3)	5.4	(3.4)	32.2	(1.1)	25.1	(4.7)	7.1	(4.8)
	Hong Kong-China	18.4	(1.1)	16.0	(0.9)	2.4	(1.1)	36.6	(1.6)	45.1	(1.6)	-8.5	(1.8)	44.2	(1.7)	51.1	(1.5)	-6.9	(1.8)
	Indonesia	36.0	(1.8)	16.1	(1.9)	19.8	(2.3)	50.7	(1.8)	17.6	(1.8)	33.1	(2.3)	72.7	(1.6)	28.8	(2.8)	43.8	(2.8)
	Israel	17.4	(1.6)	21.4	(1.0)	-4.0	(1.8)	19.8	(2.0)	20.2	(0.9)	-0.4	(2.2)	32.9	(1.7)	35.6	(1.2)	-2.6	(2.0)
	Jordan	31.7	(0.9)	a	a	a	a	40.9	(0.9)	a	a	a	a	56.6	(1.1)	a	a	a	a
	Kyrgyzstan	43.6	(1.3)	45.4	(1.8)	-1.8	(2.0)	53.5	(1.3)	51.2	(2.1)	2.3	(2.2)	79.0	(1.3)	77.1	(1.6)	1.8	(1.8)
	Latvia	25.8	(1.1)	19.7	(3.1)	6.1	(3.3)	29.2	(1.2)	22.9	(3.9)	6.3	(4.0)	50.8	(1.3)	42.8	(5.3)	8.0	(5.5)
	Liechtenstein	7.5	(1.4)	11.0	(5.3)	-3.6	(5.7)	10.9	(1.6)	8.6	(4.6)	2.3	(4.6)	16.0	(1.9)	22.0	(6.3)	-6.0	(6.4)
	Lithuania	17.6	(0.8)	c	c	c	c	19.4	(0.8)	c	c	c	c	34.4	(1.0)	c	c	c	c
	Macao-China	25.7	(0.8)	17.5	(1.1)	8.2	(1.5)	38.0	(0.9)	29.7	(1.4)	8.3	(1.8)	51.5	(0.9)	38.7	(1.4)	12.8	(1.7)
	Montenegro	c	c	17.8	(0.6)	c	c	c	c	21.6	(0.6)	c	c	c	c	34.6	(0.8)	c	c
	Qatar	35.7	(1.1)	27.3	(0.6)	8.5	(1.4)	37.2	(1.1)	27.3	(0.6)	9.8	(1.2)	57.3	(1.2)	41.9	(0.7)	15.4	(1.4)
	Romania	24.4	(1.1)	a	a	a	a	21.9	(1.5)	a	a	a	a	40.1	(1.6)	a	a	a	a
	Russian Federation	37.8	(1.5)	27.9	(1.3)	9.9	(1.7)	39.4	(1.8)	35.0	(1.6)	4.3	(2.3)	63.5	(1.4)	54.1	(1.7)	9.4	(2.0)
	Serbia	15.3	(5.8)	12.2	(0.6)	3.1	(5.9)	17.5	(5.4)	14.6	(0.8)	2.9	(5.5)	28.5	(7.5)	23.6	(0.9)	5.0	(7.6)
	Slovenia	30.1	(8.0)	8.1	(0.4)	22.0	(8.1)	28.9	(4.9)	11.0	(0.4)	17.9	(4.9)	60.0	(5.9)	18.6	(0.5)	41.3	(6.0)
	Chinese Taipei	20.6	(1.2)	23.9	(0.9)	-3.4	(1.6)	36.1	(1.2)	34.6	(0.9)	1.5	(1.4)	45.7	(1.5)	44.7	(1.2)	1.0	(1.9)
	Thailand	30.5	(1.7)	25.1	(1.0)	5.4	(1.9)	41.7	(2.2)	37.8	(1.3)	3.9	(2.5)	51.1	(2.1)	45.6	(1.4)	5.4	(2.4)
	Tunisia	39.4	(1.7)	26.7	(1.5)	12.7	(2.3)	39.9	(1.4)	21.8	(0.9)	18.0	(1.6)	63.3	(1.7)	45.3	(1.7)	17.9	(2.4)
Uruguay	12.0	(1.1)	7.4	(0.6)	4.5	(1.2)	14.2	(1.1)	5.9	(0.4)	8.3	(1.2)	23.0	(1.4)	14.1	(1.1)	8.8	(1.8)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools

	Proportion of students participating in out-of-school-time lessons					
	Public schools		Private schools		Difference (public-private)	
	%	S.E.	%	S.E.	Dif.	S.E.
OECD						
Australia	w	w	w	w	w	w
Austria	36.0	(1.1)	39.0	(4.5)	-3.0	(4.5)
Belgium	w	w	w	w	w	w
Canada	35.1	(0.8)	46.1	(2.7)	-11.0	(2.9)
Czech Republic	37.2	(0.9)	37.2	(4.4)	-0.0	(4.4)
Denmark	19.1	(1.0)	23.5	(1.4)	-4.4	(1.9)
Finland	23.3	(0.7)	27.6	(2.6)	-4.3	(2.7)
France	w	w	w	w	w	w
Germany	36.6	(0.9)	41.4	(5.1)	-4.8	(5.4)
Greece	76.3	(1.0)	78.7	(2.5)	-2.4	(2.7)
Hungary	53.3	(1.3)	59.3	(3.5)	-6.0	(3.9)
Iceland	40.7	(0.9)	43.7	(7.8)	-3.0	(8.1)
Ireland	41.2	(1.8)	36.3	(0.9)	4.8	(2.0)
Italy	66.6	(0.6)	65.0	(3.2)	1.5	(3.3)
Japan	42.9	(1.5)	51.7	(2.5)	-8.8	(2.8)
Korea	77.5	(1.5)	81.1	(1.3)	-3.6	(2.3)
Luxembourg	42.3	(0.8)	52.5	(2.1)	-10.2	(2.3)
Mexico	48.2	(0.8)	45.2	(3.1)	3.0	(3.1)
Netherlands	21.9	(1.6)	22.2	(1.1)	-0.3	(2.1)
New Zealand	32.9	(0.9)	47.8	(2.7)	-15.0	(2.8)
Norway	27.6	(0.9)	17.6	(6.4)	10.0	(6.6)
Poland	56.0	(1.0)	67.7	(6.1)	-11.7	(6.1)
Portugal	69.1	(0.9)	65.5	(5.2)	3.7	(5.3)
Slovak Republic	55.8	(1.4)	54.1	(6.2)	1.7	(6.7)
Spain	52.8	(0.9)	55.7	(1.3)	-2.8	(1.6)
Sweden	31.8	(0.8)	32.3	(3.3)	-0.5	(3.3)
Switzerland	39.7	(0.7)	43.0	(3.2)	-3.2	(3.3)
Turkey	36.3	(1.1)	58.9	(3.2)	-22.6	(3.5)
United Kingdom	45.7	(0.9)	42.0	(3.4)	3.7	(3.4)
United States	42.8	(1.2)	36.1	(2.8)	6.8	(3.0)
OECD average	43.6	(0.2)	46.5	(0.7)	-2.9	(0.8)
Partners						
Argentina	46.5	(1.6)	52.2	(1.7)	-5.8	(2.2)
Azerbaijan	79.4	(1.2)	89.9	(3.3)	-10.5	(3.6)
Brazil	47.1	(0.9)	56.7	(2.6)	-9.7	(2.7)
Bulgaria	m	m	m	m	m	m
Chile	37.5	(1.6)	39.1	(1.6)	-1.6	(2.4)
Colombia	51.1	(1.2)	49.1	(3.0)	2.1	(3.3)
Croatia	45.1	(0.9)	67.6	(0.1)	-22.5	(0.9)
Estonia	46.4	(0.9)	29.1	(2.9)	17.3	(3.0)
Hong Kong-China	77.4	(3.6)	75.2	(0.9)	2.2	(3.8)
Indonesia	67.6	(3.0)	63.1	(2.9)	4.5	(3.4)
Israel	67.9	(1.2)	55.8	(2.5)	12.1	(2.8)
Jordan	72.7	(0.9)	72.5	(2.7)	0.2	(2.9)
Kyrgyzstan	85.3	(1.0)	78.9	(5.0)	6.3	(5.2)
Latvia	71.5	(1.1)	a	a	a	a
Liechtenstein	28.3	(2.5)	21.0	(9.1)	7.3	(9.4)
Lithuania	48.8	(1.1)	46.4	(0.0)	2.4	(1.1)
Macao-China	69.3	(3.0)	62.0	(0.8)	7.2	(3.0)
Montenegro	62.3	(0.7)	90.7	(9.1)	-28.4	(9.1)
Qatar	63.5	(0.6)	62.2	(1.7)	1.3	(1.9)
Romania	56.8	(1.5)	a	a	a	a
Russian Federation	69.4	(1.4)	a	a	a	a
Serbia	53.7	(1.0)	c	c	c	c
Slovenia	41.8	(0.6)	38.1	(4.8)	3.7	(4.8)
Chinese Taipei	76.5	(0.8)	72.2	(1.0)	4.3	(1.4)
Thailand	64.0	(1.3)	61.3	(2.7)	2.7	(2.9)
Tunisia	70.4	(1.0)	74.3	(11.7)	-3.9	(11.8)
Uruguay	42.5	(1.2)	56.1	(1.8)	-13.5	(2.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools
[Part 2/6]

		Proportion of students participating in out-of-school lessons with non-school teachers														
		One-to-one lessons							Small group lessons							
		Public schools		Private schools		Difference (public-private)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			Public schools		Private schools		Difference (public-private)	
								Difference (public-private)	Increase in the logit of participating in out-of-school-time lessons by being in a public school	Logistic regression coefficient						
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %		S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Austria	16.0	(0.7)	23.3	(3.4)	-7.3	(3.5)	-5.1	-0.34	(0.26)	7.4	(0.5)	10.7	(2.3)	-3.3	(2.3)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Canada	16.0	(0.5)	23.9	(1.4)	-7.9	(1.5)	-2.9	-0.20	(0.10)	8.5	(0.4)	8.1	(1.0)	0.4	(1.0)
	Czech Republic	15.4	(0.7)	21.0	(2.8)	-5.6	(2.7)	-4.2	-0.31	(0.13)	8.0	(0.6)	6.6	(1.0)	1.4	(1.0)
	Denmark	5.3	(0.6)	5.5	(0.9)	-0.2	(1.2)	0.3	0.07	(0.24)	4.9	(0.5)	4.2	(0.7)	0.7	(0.9)
	Finland	5.3	(0.3)	8.5	(1.4)	-3.3	(1.5)	-2.7	-0.46	(0.22)	2.4	(0.3)	3.7	(1.1)	-1.3	(1.2)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
	Germany	21.5	(0.7)	23.8	(5.9)	-2.4	(6.0)	-0.5	-0.03	(0.33)	7.4	(0.4)	6.2	(1.4)	1.2	(1.5)
	Greece	43.8	(1.2)	63.1	(3.7)	-19.2	(4.0)	7.2	0.30	(0.16)	47.3	(1.3)	21.4	(4.3)	25.9	(4.5)
	Hungary	31.6	(1.2)	38.3	(2.9)	-6.6	(3.3)	3.5	0.16	(0.11)	10.7	(0.7)	11.8	(1.6)	-1.1	(1.7)
	Iceland	14.9	(0.6)	14.9	(6.9)	0.1	(7.0)	4.1	0.39	(0.61)	6.9	(0.5)	5.5	(3.9)	1.4	(4.0)
	Ireland	20.6	(1.0)	22.0	(0.9)	-1.4	(1.4)	2.0	0.12	(0.09)	10.2	(0.7)	9.5	(0.7)	0.8	(1.0)
	Italy	37.3	(0.6)	37.2	(2.9)	0.1	(3.1)	5.4	0.24	(0.14)	14.0	(0.5)	16.7	(1.9)	-2.7	(2.1)
	Japan	7.6	(0.5)	13.4	(1.7)	-5.8	(1.8)	-2.8	-0.35	(0.14)	8.1	(0.5)	9.2	(1.3)	-1.1	(1.4)
	Korea	30.7	(1.3)	32.0	(1.3)	-1.4	(2.0)	-2.4	-0.11	(0.08)	32.3	(1.6)	30.1	(1.3)	2.1	(2.4)
	Luxembourg	23.0	(0.7)	23.9	(1.8)	-0.9	(2.0)	-1.1	-0.06	(0.11)	7.1	(0.5)	6.9	(1.1)	0.2	(1.2)
	Mexico	17.0	(0.6)	23.2	(2.5)	-6.3	(2.5)	-2.4	-0.16	(0.16)	16.1	(0.5)	16.4	(1.9)	-0.3	(1.8)
	Netherlands	7.7	(0.9)	7.3	(0.6)	0.5	(1.1)	0.3	0.04	(0.14)	4.3	(0.8)	3.2	(0.5)	1.0	(1.1)
	New Zealand	16.7	(0.7)	25.3	(2.4)	-8.7	(2.4)	0.8	0.06	(0.14)	9.8	(0.5)	10.5	(2.2)	-0.7	(2.2)
Norway	5.3	(0.4)	8.1	(2.5)	-2.8	(2.6)	-2.3	-0.39	(0.38)	5.0	(0.4)	1.2	(1.1)	3.8	(1.2)	
Poland	19.0	(0.8)	41.3	(5.0)	-22.4	(5.0)	1.0	0.07	(0.20)	10.6	(0.6)	15.0	(2.2)	-4.5	(2.3)	
Portugal	25.9	(1.0)	33.0	(2.5)	-7.1	(2.7)	-1.1	-0.06	(0.12)	15.0	(0.8)	11.7	(2.7)	3.3	(2.8)	
Slovak Republic	25.5	(1.0)	25.7	(4.0)	-0.3	(4.0)	4.1	0.24	(0.21)	11.4	(0.5)	8.4	(2.0)	2.9	(2.1)	
Spain	27.5	(1.0)	30.8	(1.2)	-3.3	(1.5)	2.0	0.10	(0.08)	27.2	(0.8)	24.3	(1.3)	2.9	(1.5)	
Sweden	7.2	(0.5)	10.0	(1.3)	-2.9	(1.4)	-3.4	-0.43	(0.19)	5.7	(0.4)	5.8	(1.0)	-0.1	(1.2)	
Switzerland	19.6	(0.6)	23.9	(3.1)	-4.3	(3.2)	1.6	0.10	(0.17)	6.2	(0.4)	6.7	(1.8)	-0.5	(1.9)	
Turkey	13.2	(0.7)	22.0	(2.3)	-8.8	(2.4)	-3.4	-0.28	(0.23)	10.9	(0.6)	12.1	(4.2)	-1.3	(4.2)	
United Kingdom	17.1	(0.6)	21.0	(2.6)	-3.9	(2.7)	0.6	0.04	(0.19)	7.5	(0.5)	6.1	(1.4)	1.4	(1.4)	
United States	17.6	(0.8)	13.7	(2.4)	3.9	(2.5)	-0.1	-0.01	(0.23)	12.9	(0.9)	6.9	(1.4)	6.0	(1.7)	
OECD average	18.8	(0.2)	23.4	(0.6)	-4.6	(0.6)	-0.6	-0.04	(0.04)	11.6	(0.1)	10.2	(0.4)	1.4	(0.4)	
Partners	Argentina	26.1	(1.3)	40.2	(2.0)	-14.1	(2.3)	-5.4	0.25	(0.13)	18.0	(1.1)	21.3	(1.4)	-3.3	(1.8)
	Azerbaijan	30.5	(1.1)	47.3	(5.6)	-16.8	(5.8)	2.3	0.11	(0.26)	40.9	(1.1)	35.8	(6.7)	5.0	(7.0)
	Brazil	18.0	(0.6)	30.0	(2.1)	-11.9	(2.2)	1.6	0.11	(0.16)	17.5	(0.6)	20.1	(1.7)	-2.6	(1.9)
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Chile	10.0	(1.0)	16.0	(1.2)	-6.0	(1.6)	-0.7	-0.06	(0.13)	10.0	(0.7)	9.0	(0.7)	0.9	(1.0)
	Colombia	24.8	(0.7)	28.6	(2.6)	-3.8	(2.7)	2.9	0.16	(0.13)	18.2	(0.9)	16.2	(1.9)	2.0	(2.1)
	Croatia	27.9	(0.9)	27.6	(0.0)	0.3	(0.9)	8.8	0.50	(0.07)	9.6	(0.6)	20.1	(0.0)	-10.5	(0.5)
	Estonia	17.3	(0.7)	17.1	(2.2)	0.2	(2.3)	3.9	0.30	(0.19)	8.1	(0.4)	8.0	(3.2)	0.1	(3.1)
	Hong Kong-China	24.9	(3.0)	24.1	(1.4)	0.8	(3.3)	-2.7	-0.16	(0.23)	20.0	(2.1)	17.6	(0.8)	2.3	(2.2)
	Indonesia	18.1	(1.2)	16.5	(1.0)	1.6	(1.6)	-0.1	-0.01	(0.12)	19.6	(1.1)	19.2	(1.1)	0.4	(1.4)
	Israel	45.1	(1.3)	34.1	(2.7)	11.1	(3.2)	12.8	0.54	(0.14)	21.8	(1.1)	15.9	(1.5)	6.0	(1.8)
	Jordan	34.9	(0.8)	32.6	(2.3)	2.3	(2.4)	5.4	0.24	(0.13)	26.5	(0.9)	20.8	(1.9)	5.6	(2.1)
	Kyrgyzstan	26.2	(0.8)	35.0	(11.2)	-8.8	(11.1)	-3.9	-0.19	(0.46)	26.9	(0.9)	27.9	(11.3)	-1.0	(11.4)
	Latvia	32.3	(1.2)	a	a	a	a	a	a	a	14.1	(0.5)	a	a	a	a
	Liechtenstein	14.5	(2.0)	c	c	c	c	c	c	c	3.0	(1.1)	m	m	m	m
	Lithuania	17.7	(0.8)	c	c	c	c	c	c	c	7.0	(0.4)	m	m	m	m
	Macao-China	21.7	(2.6)	21.8	(0.7)	-0.2	(2.6)	2.8	0.16	(0.17)	26.9	(3.2)	20.4	(0.8)	6.6	(3.5)
	Montenegro	38.0	(0.8)	c	c	c	c	21.3	1.15	(0.81)	21.0	(0.6)	c	c	c	c
	Qatar	36.2	(0.8)	36.8	(1.6)	-0.6	(1.8)	0.4	0.02	(0.09)	26.0	(0.7)	21.9	(1.4)	4.1	(1.6)
	Romania	27.9	(1.4)	a	a	a	a	a	a	a	19.8	(1.2)	a	a	a	a
Russian Federation	21.7	(0.8)	a	a	a	a	a	a	a	12.5	(0.8)	a	a	a	a	
Serbia	38.3	(1.1)	c	c	c	c	c	c	c	12.9	(0.6)	c	c	c	c	
Slovenia	26.9	(0.7)	23.2	(4.1)	3.8	(4.2)	6.9	0.39	(0.24)	6.6	(0.4)	5.2	(2.3)	1.4	(2.2)	
Chinese Taipei	21.2	(0.6)	28.4	(1.2)	-7.3	(1.5)	-7.3	-0.40	(0.08)	23.7	(0.7)	23.4	(1.0)	0.3	(1.3)	
Thailand	20.3	(0.9)	21.4	(1.8)	-1.1	(2.0)	-0.1	-0.01	(0.12)	23.9	(1.0)	24.9	(1.8)	-1.0	(2.0)	
Tunisia	30.6	(1.4)	40.9	(10.1)	-10.3	(10.2)	-7.4	-0.34	(0.48)	28.1	(1.1)	39.7	(10.0)	-11.6	(10.0)	
Uruguay	27.0	(1.0)	40.3	(1.8)	-13.3	(2.1)	3.1	0.16	(0.15)	19.8	(0.8)	28.2	(2.0)	-8.3	(2.2)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools

[Part 3/6]

		Proportion of students participating in out-of-school lessons with non-school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	6.1	(0.4)	6.8	(2.8)	-0.7	(2.8)	23.5	(0.8)	31.1	(4.5)	-7.7	(4.6)	-6.8	-0.35	(0.26)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	7.4	(0.4)	4.4	(0.8)	2.9	(0.9)	22.5	(0.6)	29.2	(1.8)	-6.7	(2.0)	-1.3	-0.08	(0.10)
	Czech Republic	5.7	(0.5)	3.7	(0.9)	2.0	(1.1)	21.3	(0.8)	25.5	(2.5)	-4.2	(2.5)	-3.1	-0.18	(0.12)
	Denmark	3.6	(0.5)	3.9	(0.7)	-0.3	(0.8)	10.1	(0.8)	10.9	(1.1)	-0.8	(1.4)	-0.7	-0.07	(0.17)
	Finland	3.7	(0.3)	4.3	(1.7)	-0.6	(1.7)	8.4	(0.5)	12.5	(2.3)	-4.1	(2.4)	-3.3	-0.38	(0.22)
	France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	4.0	(0.4)	2.0	(1.0)	1.9	(1.1)	27.3	(0.7)	28.4	(5.1)	-1.0	(5.3)	0.1	0.00	(0.26)
	Greece	19.1	(1.0)	8.1	(2.5)	11.0	(2.7)	70.4	(1.1)	75.4	(2.7)	-5.0	(3.0)	37.3	1.59	(0.23)
	Hungary	8.7	(0.6)	8.4	(1.5)	0.3	(1.6)	37.7	(1.3)	42.8	(2.9)	-5.2	(3.3)	2.2	0.09	(0.12)
	Iceland	5.3	(0.4)	0.0	(0.0)	5.3	(0.4)	20.2	(0.7)	14.9	(6.9)	5.3	(7.0)	8.3	0.65	(0.61)
	Ireland	7.5	(0.7)	6.3	(0.6)	1.2	(0.9)	28.3	(1.2)	29.5	(1.0)	-1.3	(1.5)	2.5	0.12	(0.08)
	Italy	8.9	(0.4)	10.0	(2.1)	-1.0	(2.1)	45.9	(0.7)	47.9	(2.5)	-2.1	(2.7)	1.2	0.05	(0.11)
	Japan	8.3	(0.7)	8.1	(1.1)	0.1	(1.2)	18.6	(1.0)	23.9	(2.4)	-5.3	(2.5)	0.6	0.04	(0.13)
	Korea	27.2	(1.3)	26.5	(1.5)	0.7	(2.4)	58.4	(2.1)	57.1	(1.9)	1.4	(3.5)	-1.4	-0.06	(0.09)
	Luxembourg	5.7	(0.4)	4.5	(0.8)	1.2	(0.9)	28.0	(0.8)	28.0	(1.9)	-0.1	(2.1)	0.0	0.00	(0.11)
	Mexico	17.0	(0.6)	11.2	(1.4)	5.8	(1.6)	29.9	(0.8)	33.4	(3.4)	-3.4	(3.4)	-1.7	-0.08	(0.19)
	Netherlands	3.6	(0.8)	3.7	(0.4)	-0.0	(1.0)	11.9	(1.2)	10.8	(0.7)	1.1	(1.4)	1.0	0.10	(0.14)
	New Zealand	6.9	(0.4)	7.0	(1.5)	-0.0	(1.6)	23.4	(0.7)	31.1	(2.9)	-7.6	(3.0)	-1.0	-0.06	(0.15)
Norway	5.1	(0.4)	2.4	(1.1)	2.7	(1.2)	9.9	(0.6)	10.4	(2.3)	-0.5	(2.4)	-0.2	-0.02	(0.26)	
Poland	10.0	(0.4)	10.7	(2.2)	-0.7	(2.2)	28.6	(0.9)	52.1	(4.6)	-23.5	(4.7)	3.4	0.18	(0.16)	
Portugal	8.5	(0.6)	5.7	(1.8)	2.8	(1.9)	34.9	(1.1)	39.0	(3.5)	-4.1	(3.6)	2.1	0.09	(0.15)	
Slovak Republic	7.6	(0.6)	5.0	(1.8)	2.6	(1.9)	29.8	(1.0)	28.5	(4.0)	1.3	(4.2)	5.5	0.28	(0.21)	
Spain	10.9	(0.5)	9.8	(0.9)	1.0	(1.0)	42.1	(1.0)	45.8	(1.4)	-3.7	(1.6)	3.3	0.13	(0.08)	
Sweden	6.9	(0.4)	6.6	(1.6)	0.3	(1.6)	13.0	(0.6)	14.0	(1.8)	-1.0	(1.8)	-2.0	-0.17	(0.18)	
Switzerland	4.8	(0.3)	4.0	(1.3)	0.8	(1.3)	24.4	(0.6)	28.0	(3.3)	-3.6	(3.4)	1.2	0.07	(0.17)	
Turkey	14.7	(1.0)	26.4	(4.0)	-11.7	(4.1)	26.0	(1.2)	41.8	(3.5)	-15.8	(3.8)	-4.0	-0.20	(0.14)	
United Kingdom	7.5	(0.5)	3.6	(0.7)	3.9	(0.9)	23.9	(0.8)	26.3	(2.9)	-2.4	(3.0)	-0.8	-0.05	(0.18)	
United States	11.8	(0.8)	8.1	(2.6)	3.7	(2.6)	25.5	(1.1)	20.4	(2.8)	5.2	(2.9)	-3.1	-0.16	(0.19)	
OECD average	8.6	(0.1)	7.3	(0.3)	1.3	(0.3)	27.3	(0.2)	30.8	(0.6)	-3.4	(0.6)	1.1	0.06	(0.04)	
Partners	Argentina	14.2	(0.8)	11.0	(1.4)	3.2	(1.6)	35.3	(1.5)	48.1	(1.7)	-12.8	(2.2)	-8.2	0.34	(0.12)
	Azerbaijan	39.0	(1.1)	33.5	(8.3)	5.5	(8.4)	62.6	(1.1)	72.0	(6.9)	-9.4	(7.2)	-2.9	-0.12	(0.38)
	Brazil	16.3	(0.6)	10.5	(1.1)	5.8	(1.3)	32.0	(0.7)	39.7	(2.3)	-7.8	(2.5)	1.1	0.05	(0.16)
	Bulgaria	m	m	m	m	m	m	c	c	c	c	c	c	c	c	c
	Chile	10.3	(0.9)	6.8	(0.5)	3.5	(1.0)	19.9	(1.2)	22.8	(1.3)	-2.8	(1.9)	0.9	0.05	(0.11)
	Colombia	16.4	(0.7)	15.8	(1.8)	0.5	(1.9)	36.3	(0.8)	38.9	(2.9)	-2.6	(3.0)	3.1	0.14	(0.16)
	Croatia	7.7	(0.5)	15.1	(0.1)	-7.3	(0.5)	33.8	(0.9)	45.2	(0.0)	-11.3	(0.9)	-3.0	-0.13	(0.07)
	Estonia	7.3	(0.5)	11.0	(3.8)	-3.7	(3.8)	23.5	(0.7)	21.9	(3.6)	1.6	(3.6)	5.6	0.35	(0.17)
	Hong Kong-China	38.0	(6.7)	29.4	(1.1)	8.6	(6.8)	58.4	(5.4)	51.6	(1.3)	6.8	(5.5)	1.6	0.07	(0.11)
	Indonesia	18.1	(1.2)	16.7	(1.1)	1.4	(1.5)	35.4	(1.4)	32.0	(1.4)	3.4	(2.1)	1.6	0.07	(0.10)
	Israel	16.9	(0.9)	12.2	(1.7)	4.7	(1.9)	56.5	(1.3)	43.2	(3.2)	13.2	(3.4)	14.9	0.60	(0.13)
	Jordan	23.1	(0.9)	17.9	(1.9)	5.2	(2.1)	48.8	(0.9)	45.6	(2.0)	3.2	(2.2)	2.2	0.09	(0.10)
	Kyrgyzstan	32.0	(0.9)	22.9	(9.7)	9.1	(9.7)	48.5	(1.0)	49.9	(11.1)	-1.4	(11.0)	-4.0	-0.16	(0.45)
	Latvia	17.1	(0.7)	a	a	a	a	42.3	(1.1)	a	a	a	a	a	a	a
	Liechtenstein	2.6	(0.9)	c	c	c	c	16.8	(2.2)	c	c	c	c	c	c	c
	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	c	c	c
	Macao-China	23.0	(2.5)	19.3	(0.7)	3.7	(2.6)	40.8	(3.3)	39.0	(0.8)	1.7	(3.4)	4.4	0.18	(0.15)
	Montenegro	17.6	(0.6)	c	c	c	c	48.0	(0.8)	c	c	c	c	25.6	1.17	(0.81)
	Qatar	23.6	(0.6)	17.0	(1.3)	6.7	(1.4)	48.7	(0.8)	47.2	(1.7)	1.5	(1.8)	-2.4	-0.10	(0.08)
	Romania	15.5	(1.2)	a	a	a	a	38.5	(1.3)	a	a	a	a	a	a	a
Russian Federation	12.7	(0.6)	a	a	a	a	31.2	(1.1)	a	a	a	a	a	a	a	
Serbia	8.7	(0.6)	c	c	c	c	43.1	(1.1)	c	c	c	c	c	c	c	
Slovenia	5.1	(0.3)	3.0	(1.7)	2.1	(1.7)	31.4	(0.6)	27.6	(4.4)	3.8	(4.5)	5.7	0.28	(0.24)	
Chinese Taipei	45.2	(1.2)	31.5	(1.2)	13.7	(1.8)	60.4	(1.0)	50.5	(1.6)	10.0	(2.1)	10.0	0.41	(0.06)	
Thailand	31.3	(1.2)	31.1	(3.2)	0.2	(3.4)	44.6	(1.4)	42.6	(3.2)	2.0	(3.4)	6.2	0.26	(0.11)	
Tunisia	18.8	(0.8)	37.5	(12.7)	-18.7	(12.7)	44.5	(1.4)	60.1	(11.1)	-15.6	(11.2)	-14.0	-0.57	(0.49)	
Uruguay	12.1	(0.7)	10.6	(1.2)	1.5	(1.5)	35.4	(1.1)	49.3	(2.0)	-14.0	(2.4)	1.4	0.06	(0.15)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools
[Part 4/6]

		Proportion of students participating in out-of-school lessons with school teachers								
		One-to-one lessons						If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		Public schools		Private schools		Difference (public-private)		Difference (public-private)	Increase in the logit of participating in out-of-school-time lessons by being in a public school	
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w
	Austria	5.2	(0.4)	7.3	(2.3)	-2.0	(2.3)	-1.3	-0.27	(0.32)
	Belgium	w	w	w	w	w	w	w	w	w
	Canada	12.1	(0.4)	15.9	(1.9)	-3.9	(2.0)	-6.5	-0.51	(0.16)
	Czech Republic	14.4	(0.7)	11.2	(2.8)	3.2	(2.8)	1.0	0.09	(0.29)
	Denmark	5.0	(0.5)	5.5	(0.9)	-0.5	(1.0)	-1.4	-0.30	(0.22)
	Finland	8.2	(0.6)	5.2	(3.2)	3.1	(3.3)	2.4	0.38	(0.68)
	France	w	w	w	w	w	w	w	w	w
	Germany	5.4	(0.4)	8.1	(2.8)	-2.7	(2.9)	-4.4	-0.67	(0.43)
	Greece	12.3	(0.8)	6.4	(1.5)	5.9	(1.7)	-1.7	-0.16	(0.38)
	Hungary	14.6	(0.8)	14.8	(2.4)	-0.2	(2.5)	-0.9	-0.07	(0.20)
	Iceland	10.5	(0.5)	26.1	(6.3)	-15.7	(6.4)	-17.1	-1.19	(0.34)
	Ireland	9.5	(1.1)	5.4	(0.5)	4.1	(1.2)	2.3	0.37	(0.16)
	Italy	a	a	a	a	a	a	a	a	a
	Japan	3.4	(0.3)	4.4	(0.7)	-1.0	(0.9)	-1.9	-0.51	(0.24)
	Korea	9.6	(0.6)	9.5	(0.7)	0.0	(0.9)	0.0	0.01	(0.10)
	Luxembourg	13.7	(0.5)	14.5	(1.3)	-0.9	(1.4)	-0.6	-0.05	(0.11)
	Mexico	18.6	(0.9)	10.6	(1.2)	8.0	(1.6)	-2.7	-0.19	(0.15)
	Netherlands	7.6	(1.0)	7.4	(0.5)	0.1	(1.2)	0.2	0.03	(0.17)
	New Zealand	8.8	(0.8)	14.1	(3.8)	-5.3	(3.9)	-11.2	-0.99	(0.44)
Norway	8.6	(0.5)	2.3	(1.1)	6.3	(1.2)	5.9	1.27	(0.57)	
Poland	14.7	(0.6)	11.5	(3.7)	3.2	(3.8)	-0.5	-0.04	(0.38)	
Portugal	22.6	(1.0)	15.8	(0.8)	6.9	(1.3)	4.8	0.31	(0.09)	
Slovak Republic	30.4	(1.3)	30.4	(8.4)	0.1	(8.6)	-3.7	-0.17	(0.41)	
Spain	8.9	(0.6)	7.9	(0.7)	1.0	(0.9)	-0.6	-0.08	(0.14)	
Sweden	8.3	(0.5)	13.4	(3.0)	-5.1	(3.1)	-7.8	-0.79	(0.29)	
Switzerland	6.4	(0.3)	11.8	(2.1)	-5.4	(2.1)	-8.8	-0.99	(0.20)	
Turkey	7.5	(0.6)	10.9	(3.5)	-3.4	(3.5)	-7.2	-0.78	(0.31)	
United Kingdom	11.2	(0.4)	8.8	(1.6)	2.4	(1.6)	-3.0	-0.28	(0.26)	
United States	22.7	(1.1)	18.0	(3.1)	4.7	(3.2)	-3.7	-0.20	(0.24)	
	OECD average	11.4	(0.1)	11.3	(0.6)	0.1	(0.6)	-2.1	-0.22	(0.06)
Partners	Argentina	12.3	(1.2)	7.7	(1.3)	4.7	(1.7)	2.0	-0.23	(0.26)
	Azerbaijan	39.0	(1.3)	38.1	(5.4)	0.9	(5.7)	5.9	0.26	(0.29)
	Brazil	13.7	(0.6)	12.8	(1.5)	1.0	(1.6)	-2.5	-0.20	(0.19)
	Bulgaria	c	c	c	c	c	c	c	c	c
	Chile	9.4	(0.8)	7.5	(0.6)	1.9	(1.1)	0.4	0.06	(0.13)
	Colombia	16.0	(1.3)	9.7	(1.8)	6.3	(2.2)	0.1	0.01	(0.34)
	Croatia	12.9	(0.5)	29.7	(0.0)	-16.7	(0.5)	-36.3	-1.93	(0.11)
	Estonia	18.6	(0.9)	8.8	(4.0)	9.8	(4.2)	6.3	0.50	(0.43)
	Hong Kong-China	3.7	(0.9)	6.1	(0.5)	-2.4	(1.0)	-1.7	-0.36	(0.22)
	Indonesia	31.6	(2.6)	31.5	(3.1)	0.2	(3.2)	5.2	0.25	(0.15)
	Israel	21.6	(1.3)	18.7	(1.9)	2.8	(2.3)	1.5	0.10	(0.14)
	Jordan	28.3	(1.1)	24.1	(2.8)	4.2	(3.0)	-1.2	-0.06	(0.14)
	Kyrgyzstan	64.2	(1.1)	40.5	(13.2)	23.7	(13.3)	-3.1	-0.14	(0.53)
	Latvia	34.7	(1.2)	a	a	a	a	a	a	a
	Liechtenstein	5.6	(1.3)	c	c	c	c	c	c	c
	Lithuania	12.1	(0.6)	c	c	c	c	c	c	c
	Macao-China	27.0	(2.8)	13.7	(0.6)	13.3	(2.9)	11.9	0.77	(0.17)
	Montenegro	24.9	(0.6)	c	c	c	c	-58.0	-2.67	(0.81)
	Qatar	34.7	(0.7)	27.7	(1.5)	7.1	(1.7)	-2.1	-0.09	(0.09)
	Romania	26.9	(1.3)	a	a	a	a	a	a	a
Russian Federation	30.7	(0.9)	a	a	a	a	a	a	a	
Serbia	10.4	(0.7)	c	c	c	c	c	c	c	
Slovenia	8.8	(0.4)	9.7	(3.3)	-0.9	(3.3)	-7.5	-0.74	(0.44)	
Chinese Taipei	12.3	(0.7)	18.3	(1.3)	-6.1	(1.6)	-5.4	-0.44	(0.09)	
Thailand	21.1	(0.8)	20.8	(1.1)	0.3	(1.3)	-1.3	-0.08	(0.08)	
Tunisia	42.7	(1.3)	41.5	(11.8)	1.2	(11.9)	0.7	0.03	(0.50)	
Uruguay	9.8	(0.9)	8.5	(0.9)	1.3	(1.3)	1.0	0.12	(0.29)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools

		Proportion of students participating in out-of-school lessons with school teachers											
		Small group lessons						Large group lessons					
		Public schools		Private schools		Difference (public-private)		Public schools		Private schools		Difference (public-private)	
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w	w	w	w
	Austria	13.2	(0.8)	12.0	(2.9)	1.2	(2.9)	15.9	(0.9)	13.0	(2.8)	2.9	(2.9)
	Belgium	w	w	w	w	w	w	w	w	w	w	w	w
	Canada	10.2	(0.4)	11.9	(1.8)	-1.7	(1.9)	11.1	(0.4)	12.0	(1.6)	-0.9	(1.7)
	Czech Republic	11.1	(0.7)	8.3	(1.7)	2.8	(1.8)	13.4	(0.7)	12.2	(3.7)	1.2	(3.7)
	Denmark	7.4	(0.5)	8.9	(1.0)	-1.5	(1.2)	6.8	(0.6)	11.1	(1.0)	-4.3	(1.2)
	Finland	9.5	(0.5)	7.4	(2.1)	2.1	(2.1)	12.2	(0.6)	11.4	(2.0)	0.8	(2.1)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	7.4	(0.5)	12.2	(4.3)	-4.9	(4.4)	10.4	(0.7)	8.1	(3.3)	2.3	(3.5)
	Greece	15.2	(0.9)	6.9	(2.4)	8.4	(2.6)	10.1	(0.7)	2.5	(0.6)	7.5	(1.0)
	Hungary	12.2	(0.8)	15.1	(2.1)	-2.9	(2.3)	15.3	(0.8)	17.2	(1.5)	-1.9	(1.6)
	Iceland	14.3	(0.6)	28.9	(7.0)	-14.5	(7.1)	14.3	(0.6)	0.0	(0.0)	14.3	(0.6)
	Ireland	12.4	(1.1)	6.8	(0.7)	5.6	(1.3)	13.3	(1.2)	7.7	(0.6)	5.6	(1.3)
	Italy	36.4	(0.8)	34.3	(3.1)	2.1	(3.3)	26.0	(0.6)	23.2	(2.7)	2.8	(2.8)
	Japan	6.1	(0.5)	7.7	(0.7)	-1.6	(0.9)	28.9	(1.3)	33.9	(2.6)	-4.9	(2.9)
	Korea	17.3	(0.9)	16.0	(0.9)	1.4	(1.3)	33.7	(1.8)	39.1	(1.8)	-5.4	(2.5)
	Luxembourg	13.7	(0.6)	20.1	(1.7)	-6.4	(1.9)	9.0	(0.5)	14.9	(1.4)	-5.9	(1.5)
	Mexico	18.8	(0.8)	11.5	(1.5)	7.3	(1.9)	25.9	(0.9)	12.6	(1.3)	13.3	(1.7)
	Netherlands	8.9	(1.2)	8.6	(0.6)	0.4	(1.4)	6.4	(1.0)	7.6	(0.7)	-1.2	(1.4)
	New Zealand	9.4	(0.7)	14.7	(1.6)	-5.4	(1.7)	9.1	(0.6)	8.6	(2.4)	0.5	(2.4)
Norway	12.1	(0.6)	4.6	(2.1)	7.6	(2.2)	17.6	(0.7)	7.1	(3.8)	10.5	(3.9)	
Poland	23.2	(0.8)	19.1	(5.8)	4.0	(5.6)	26.9	(0.9)	14.8	(3.5)	12.1	(3.5)	
Portugal	33.4	(1.1)	17.4	(4.9)	16.0	(5.0)	23.9	(1.2)	23.0	(2.7)	1.0	(2.9)	
Slovak Republic	18.2	(1.1)	15.9	(4.2)	2.3	(4.5)	24.4	(1.2)	20.2	(7.1)	4.2	(7.3)	
Spain	11.0	(0.6)	10.4	(0.6)	0.6	(0.9)	10.9	(0.6)	7.8	(0.6)	3.1	(0.8)	
Sweden	14.0	(0.6)	15.6	(2.1)	-1.7	(2.2)	21.1	(0.7)	16.4	(1.7)	4.7	(1.6)	
Switzerland	10.0	(0.4)	12.7	(2.0)	-2.7	(2.0)	14.3	(0.6)	10.4	(1.9)	3.9	(2.0)	
Turkey	9.0	(0.6)	21.6	(1.4)	-12.5	(1.5)	12.6	(0.7)	23.1	(2.8)	-10.5	(2.9)	
United Kingdom	17.9	(0.6)	12.9	(2.0)	5.0	(2.0)	20.0	(0.8)	10.6	(2.2)	9.4	(2.4)	
United States	19.5	(0.9)	13.7	(2.8)	5.8	(2.9)	18.8	(1.1)	9.1	(1.7)	9.7	(1.9)	
OECD average	14.3	(0.1)	13.7	(0.5)	0.7	(0.6)	16.4	(0.2)	13.7	(0.5)	2.7	(0.5)	
Partners	Argentina	15.8	(1.1)	6.8	(1.2)	9.1	(1.5)	14.4	(1.2)	5.7	(1.2)	8.7	(1.5)
	Azerbaijan	37.2	(1.3)	39.3	(7.5)	-2.0	(7.5)	48.5	(1.3)	38.7	(9.1)	9.8	(8.9)
	Brazil	23.7	(0.8)	22.8	(2.8)	0.8	(2.9)	20.5	(0.7)	20.2	(2.0)	0.2	(2.1)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c
	Chile	18.2	(1.1)	14.8	(1.2)	3.4	(1.6)	19.9	(0.9)	16.1	(1.1)	3.7	(1.5)
	Colombia	21.5	(1.4)	12.7	(2.3)	8.7	(2.7)	20.5	(1.2)	12.5	(1.9)	8.0	(2.3)
	Croatia	11.0	(0.6)	24.8	(0.1)	-13.9	(0.6)	11.8	(0.6)	29.9	(0.0)	-18.1	(0.6)
	Estonia	13.9	(0.7)	7.0	(3.4)	6.9	(3.5)	18.8	(0.7)	9.9	(4.8)	8.9	(4.9)
	Hong Kong-China	13.0	(3.0)	17.2	(0.8)	-4.2	(3.1)	40.4	(5.1)	42.1	(1.4)	-1.7	(5.3)
	Indonesia	26.2	(2.1)	27.0	(2.4)	-0.8	(2.1)	34.4	(2.5)	35.6	(3.2)	-1.2	(3.2)
	Israel	21.8	(1.3)	19.0	(1.7)	2.8	(2.4)	21.8	(1.1)	17.1	(1.8)	4.7	(2.3)
	Jordan	31.6	(0.9)	32.8	(2.6)	-1.3	(2.7)	40.6	(1.0)	42.1	(2.3)	-1.5	(2.5)
	Kyrgyzstan	44.4	(1.2)	29.9	(2.5)	14.5	(2.7)	53.1	(1.3)	34.7	(11.2)	18.4	(11.3)
	Latvia	25.6	(1.1)	a	a	a	a	29.0	(1.2)	a	a	a	a
	Liechtenstein	8.5	(1.4)	c	c	c	c	11.1	(1.7)	c	c	c	c
	Lithuania	17.8	(0.8)	c	c	c	c	19.4	(0.8)	c	c	c	c
	Macao-China	39.8	(3.3)	22.0	(0.7)	17.8	(3.4)	42.2	(3.3)	34.7	(0.7)	7.5	(3.2)
	Montenegro	17.5	(0.6)	c	c	c	c	21.3	(0.6)	c	c	c	c
	Qatar	29.6	(0.6)	25.2	(1.3)	4.3	(1.5)	30.5	(0.7)	22.2	(1.4)	8.3	(1.6)
	Romania	24.4	(1.1)	a	a	a	a	21.9	(1.5)	a	a	a	a
Russian Federation	31.6	(1.2)	a	a	a	a	36.7	(1.3)	a	a	a	a	
Serbia	12.3	(0.6)	c	c	c	c	14.7	(0.8)	c	c	c	c	
Slovenia	8.9	(0.5)	7.1	(2.1)	1.7	(2.1)	11.7	(0.5)	8.8	(2.5)	2.9	(2.5)	
Chinese Taipei	19.7	(0.8)	28.6	(1.4)	-8.8	(1.8)	32.9	(0.8)	39.2	(1.5)	-6.3	(1.8)	
Thailand	26.5	(1.0)	28.4	(1.5)	-1.9	(1.8)	39.4	(1.4)	37.2	(1.9)	2.2	(2.3)	
Tunisia	32.7	(1.1)	43.2	(14.6)	-10.5	(14.7)	30.3	(0.9)	34.7	(10.1)	-4.3	(10.1)	
Uruguay	9.1	(0.6)	8.6	(1.2)	0.5	(1.3)	8.7	(0.6)	8.6	(1.0)	0.2	(1.2)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.18 Percentage of students by different types of out-of-school-time lessons, by public and private schools
[Part 6/6]

		Proportion of students participating in out-of-school lessons with school teachers								
		At least one of these types of out-of-school lessons								
		Public schools		Private schools		Difference (public-private)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	w	w	w	w	w	w	w	w	w
	Austria	23.6	(1.1)	20.9	(3.7)	2.7	(3.8)	2.2	0.12	(0.21)
	Belgium	w	w	w	w	w	w	w	w	w
	Canada	20.8	(0.6)	26.2	(2.4)	-5.4	(2.5)	-10.0	-0.53	(0.14)
	Czech Republic	23.2	(1.0)	22.2	(4.8)	1.0	(4.7)	-2.1	-0.12	(0.27)
	Denmark	12.6	(0.8)	16.9	(1.3)	-4.3	(1.5)	-5.9	-0.47	(0.12)
	Finland	18.2	(0.7)	17.7	(3.4)	0.5	(3.5)	-1.1	-0.07	(0.21)
	France	w	w	w	w	w	w	w	w	w
	Germany	17.1	(0.7)	20.7	(4.3)	-3.7	(4.6)	-8.0	-0.50	(0.32)
	Greece	22.6	(1.1)	13.3	(2.8)	9.3	(3.0)	-2.5	-0.15	(0.30)
	Hungary	28.4	(1.1)	32.6	(3.6)	-4.2	(3.7)	-5.7	-0.27	(0.18)
	Iceland	27.1	(0.8)	31.7	(6.4)	-4.6	(6.7)	-3.4	-0.17	(0.30)
	Ireland	22.7	(1.6)	13.2	(0.8)	9.4	(1.7)	5.5	0.40	(0.11)
	Italy	46.0	(0.9)	41.1	(2.9)	4.9	(3.2)	5.5	0.22	(0.13)
	Japan	33.1	(1.4)	39.1	(2.3)	-6.0	(2.7)	-10.2	-0.44	(0.12)
	Korea	48.2	(1.6)	52.9	(1.8)	-4.7	(2.3)	-4.8	-0.19	(0.09)
	Luxembourg	23.8	(0.7)	34.4	(2.0)	-10.6	(2.2)	-10.0	-0.50	(0.10)
	Mexico	35.5	(1.0)	21.8	(2.1)	13.7	(2.5)	-4.9	-0.22	(0.17)
	Netherlands	14.8	(1.6)	15.9	(1.1)	-1.1	(2.0)	-1.0	-0.08	(0.16)
	New Zealand	17.3	(1.0)	24.2	(3.8)	-6.9	(3.9)	-14.1	-0.79	(0.28)
	Norway	24.3	(0.8)	8.3	(4.7)	15.9	(4.8)	14.9	1.15	(0.71)
	Poland	41.4	(1.0)	31.3	(4.5)	10.1	(4.4)	-2.4	-0.10	(0.21)
	Portugal	48.9	(1.3)	37.7	(5.2)	11.2	(5.4)	6.5	0.26	(0.25)
	Slovak Republic	38.9	(1.5)	36.1	(8.8)	2.7	(9.1)	-0.8	-0.03	(0.40)
	Spain	19.2	(0.8)	17.5	(0.8)	1.7	(1.1)	-2.1	-0.14	(0.08)
	Sweden	26.6	(0.8)	24.1	(2.9)	2.5	(2.8)	-3.1	-0.16	(0.19)
Switzerland	22.6	(0.7)	22.8	(2.0)	-0.2	(2.2)	-6.6	-0.36	(0.15)	
Turkey	19.6	(1.0)	29.1	(1.1)	-9.6	(1.4)	-17.0	-0.87	(0.12)	
United Kingdom	32.0	(0.9)	24.2	(2.9)	7.8	(2.9)	-3.0	-0.14	(0.21)	
United States	32.9	(1.3)	25.7	(3.5)	7.2	(3.6)	-4.7	-0.21	(0.21)	
OECD average	27.0	(0.2)	25.5	(0.7)	1.5	(0.7)	-3.1	-0.16	(0.05)	
Partners	Argentina	24.7	(1.5)	12.1	(1.9)	12.6	(2.3)	6.1	-0.41	(0.23)
	Azerbaijan	67.7	(1.4)	62.8	(7.4)	4.9	(7.3)	7.8	0.34	(0.40)
	Brazil	34.3	(1.0)	34.7	(2.3)	-0.4	(2.4)	-14.9	-0.63	(0.17)
	Bulgaria	c	c	c	c	c	c	c	c	c
	Chile	29.5	(1.4)	25.6	(1.5)	3.9	(2.1)	-0.3	-0.02	(0.11)
	Colombia	31.0	(1.5)	20.1	(2.6)	10.9	(3.0)	-1.8	-0.09	(0.27)
	Croatia	21.4	(0.8)	48.7	(0.1)	-27.2	(0.8)	-45.0	-2.00	(0.13)
	Estonia	32.4	(1.1)	15.9	(6.1)	16.6	(6.3)	10.2	0.53	(0.35)
	Hong Kong-China	47.9	(5.6)	48.7	(1.3)	-0.8	(5.8)	4.2	0.17	(0.20)
	Indonesia	52.5	(3.6)	50.7	(3.8)	1.7	(4.0)	7.5	0.30	(0.17)
	Israel	36.5	(1.4)	32.5	(2.3)	4.0	(3.0)	2.4	0.10	(0.12)
	Jordan	56.5	(1.2)	57.4	(3.2)	-0.9	(3.4)	-8.7	-0.36	(0.12)
	Kyrgyzstan	78.8	(1.2)	58.0	(11.1)	20.8	(11.2)	-5.2	-0.36	(0.46)
	Latvia	50.5	(1.3)	a	a	a	a	a	a	a
	Liechtenstein	17.0	(1.9)	c	c	c	c	c	c	c
	Lithuania	34.6	(1.0)	c	c	c	c	c	c	c
	Macao-China	57.6	(3.4)	46.3	(0.8)	11.3	(3.3)	5.5	0.22	(0.15)
	Montenegro	34.3	(0.8)	c	c	c	c	c	c	c
	Qatar	46.1	(0.6)	38.9	(1.6)	7.2	(1.8)	-1.8	-0.07	(0.08)
	Romania	40.1	(1.6)	a	a	a	a	a	a	a
	Russian Federation	57.6	(1.3)	a	a	a	a	a	a	a
	Serbia	23.6	(0.9)	c	c	c	c	c	c	c
	Slovenia	20.2	(0.5)	17.4	(3.9)	2.8	(3.8)	-3.8	-0.23	(0.29)
	Chinese Taipei	41.7	(1.1)	51.3	(1.7)	-9.7	(2.1)	-9.5	-0.39	(0.07)
	Thailand	47.9	(1.3)	44.8	(1.9)	3.1	(2.3)	4.2	0.17	(0.09)
	Tunisia	54.0	(1.2)	58.8	(13.8)	-4.8	(13.9)	-6.3	-0.26	(0.56)
Uruguay	17.4	(1.0)	16.0	(1.6)	1.5	(1.8)	-8.1	-0.51	(0.24)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.19 Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

	Proportion of students participating in out-of-school-time lessons					
	Academic schools		Vocational schools		Difference (academic-vocational)	
	%	S.E.	%	S.E.	Dif.	S.E.
OECD						
Australia	31.4	(0.6)	30.0	(1.7)	1.3	(1.7)
Austria	44.2	(2.3)	33.0	(1.3)	11.3	(2.6)
Belgium	33.5	(1.0)	26.9	(0.9)	6.5	(1.5)
Canada	35.8	(0.7)	a	a	a	a
Czech Republic	40.7	(1.1)	32.4	(1.7)	8.3	(2.0)
Denmark	20.6	(0.8)	a	a	a	a
Finland	23.5	(0.7)	a	a	a	a
France	43.2	(0.9)	27.0	(1.6)	16.3	(1.8)
Germany	37.3	(0.8)	24.8	(8.1)	12.5	(8.3)
Greece	80.1	(1.0)	52.4	(2.8)	27.7	(3.2)
Hungary	64.5	(1.5)	46.5	(1.6)	18.0	(2.2)
Iceland	40.4	(0.8)	c	c	c	c
Ireland	38.1	(0.9)	38.3	(6.4)	-0.2	(6.3)
Italy	70.0	(1.0)	63.6	(0.8)	6.4	(1.3)
Japan	46.5	(1.6)	43.0	(2.3)	3.5	(2.8)
Korea	85.2	(0.8)	58.8	(2.8)	26.4	(2.9)
Luxembourg	44.8	(0.7)	37.4	(1.8)	7.4	(2.0)
Mexico	50.7	(1.2)	41.3	(0.9)	9.4	(1.6)
Netherlands	21.7	(0.9)	23.1	(1.4)	-1.4	(1.6)
New Zealand	33.7	(0.9)	a	a	a	a
Norway	27.3	(0.8)	a	a	a	a
Poland	56.2	(1.0)	a	a	a	a
Portugal	70.0	(1.1)	60.9	(2.8)	9.1	(3.0)
Slovak Republic	68.7	(1.5)	39.1	(1.5)	29.6	(2.2)
Spain	53.8	(0.7)	a	a	a	a
Sweden	32.1	(0.8)	c	c	c	c
Switzerland	40.6	(0.7)	31.8	(3.9)	8.8	(4.0)
Turkey	42.5	(1.7)	28.8	(1.4)	13.7	(2.2)
United Kingdom	45.5	(0.9)	a	a	a	a
United States	42.3	(1.2)	a	a	a	a
OECD average	45.5	(0.2)	38.9	(0.7)	11.3	(0.8)
Partners						
Argentina	48.3	(1.2)	59.2	(5.5)	-10.9	(5.6)
Azerbaijan	79.4	(1.2)	84.8	(5.3)	-5.4	(5.4)
Brazil	48.4	(0.9)	a	a	a	a
Bulgaria	56.1	(1.7)	52.2	(1.8)	3.9	(2.2)
Chile	38.6	(1.2)	26.0	(4.2)	12.6	(4.3)
Colombia	51.5	(1.2)	48.1	(2.9)	3.4	(2.9)
Croatia	49.2	(1.8)	44.0	(1.0)	5.2	(2.0)
Estonia	46.0	(0.9)	a	a	a	a
Hong Kong-China	76.0	(0.9)	67.1	(4.4)	8.9	(4.5)
Indonesia	72.3	(1.4)	34.2	(2.3)	38.1	(2.6)
Israel	64.5	(1.1)	64.3	(2.6)	0.2	(2.7)
Jordan	72.6	(0.9)	a	a	a	a
Kyrgyzstan	85.3	(1.0)	80.4	(5.9)	4.9	(5.8)
Latvia	71.5	(1.1)	70.4	(3.7)	1.2	(3.6)
Liechtenstein	27.8	(2.4)	a	a	a	a
Lithuania	48.8	(1.1)	c	c	c	c
Macao-China	62.4	(0.8)	54.4	(5.7)	8.0	(5.7)
Montenegro	61.6	(1.3)	62.3	(0.9)	-0.7	(1.7)
Qatar	63.6	(0.5)	a	a	a	a
Romania	52.9	(1.5)	69.5	(1.7)	-16.6	(2.3)
Russian Federation	71.8	(1.5)	54.2	(2.8)	17.6	(3.0)
Serbia	58.6	(2.2)	52.2	(1.1)	6.4	(2.4)
Slovenia	44.1	(1.1)	39.2	(0.9)	4.9	(1.6)
Chinese Taipei	79.1	(0.5)	67.5	(1.0)	11.6	(1.1)
Thailand	65.8	(1.2)	50.3	(3.6)	15.5	(3.7)
Tunisia	70.4	(1.0)	a	a	a	a
Uruguay	45.5	(1.1)	37.7	(4.2)	7.9	(4.3)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.19 Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools
[Part 2/5]

		Proportion of students participating in out-of-school lessons with non-school teachers														
		One-to-one lessons								Small group lessons						
		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		Academic schools		Vocational schools		Difference (academic-vocational)		
								Difference (academic-vocational)	Increase in the logit of participating in out-of-school-time lessons by being in an academic school							
%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.		
OECD	Australia	17.1	(0.4)	12.4	(0.9)	4.7	(1.0)	3.1	0.25	(0.09)	7.9	(0.4)	10.1	(0.9)	-2.2	(1.0)
	Austria	23.9	(1.4)	13.7	(0.8)	10.2	(1.5)	6.1	0.43	(0.14)	9.8	(1.2)	6.9	(0.5)	2.9	(1.3)
	Belgium	22.5	(0.9)	12.6	(0.7)	9.9	(1.1)	7.5	0.54	(0.09)	7.4	(0.5)	7.4	(0.6)	0.1	(0.7)
	Canada	16.5	(0.5)	a	a	a	a	a	a	a	8.5	(0.4)	a	a	a	a
	Czech Republic	17.5	(0.9)	13.5	(1.1)	4.0	(1.5)	2.2	0.18	(0.12)	8.6	(0.7)	6.9	(0.8)	1.7	(1.1)
	Denmark	5.4	(0.4)	a	a	a	a	a	a	a	4.6	(0.4)	a	a	a	a
	Finland	5.3	(0.3)	a	a	a	a	a	a	a	2.4	(0.2)	a	a	a	a
	France	23.8	(1.0)	9.1	(1.8)	14.7	(1.9)	11.3	0.83	(0.22)	9.6	(0.6)	5.0	(1.2)	4.6	(1.3)
	Germany	21.7	(0.6)	13.0	(5.1)	8.6	(5.2)	7.4	0.52	(0.45)	7.5	(0.4)	1.5	(1.4)	5.9	(1.5)
	Greece	48.1	(1.3)	23.5	(1.6)	24.7	(2.0)	17.8	0.77	(0.12)	49.3	(1.4)	24.2	(2.1)	25.1	(2.6)
	Hungary	39.3	(1.6)	27.3	(1.3)	12.0	(2.0)	1.3	0.06	(0.10)	12.6	(0.9)	9.4	(0.9)	3.2	(1.3)
	Iceland	14.7	(0.6)	c	c	c	c	c	c	c	6.7	(0.5)	c	c	c	c
	Ireland	21.5	(0.7)	18.2	(5.4)	3.3	(5.5)	-0.5	-0.03	(0.40)	9.7	(0.5)	12.5	(3.5)	-2.8	(3.6)
	Italy	44.1	(0.8)	31.7	(0.8)	12.4	(1.1)	1.2	0.05	(0.07)	13.4	(0.5)	14.7	(0.7)	-1.3	(0.9)
	Japan	10.9	(0.8)	5.0	(0.7)	5.9	(1.1)	3.1	0.44	(0.19)	9.8	(0.7)	4.2	(0.7)	5.7	(1.0)
	Korea	35.2	(0.9)	18.1	(1.7)	17.0	(1.9)	10.8	0.55	(0.13)	35.9	(1.1)	15.6	(1.2)	20.2	(1.6)
	Luxembourg	23.5	(0.7)	20.8	(1.8)	2.7	(1.9)	2.3	0.14	(0.11)	7.5	(0.5)	4.4	(0.9)	3.0	(1.0)
	Mexico	19.0	(0.9)	15.6	(0.6)	3.4	(1.2)	3.3	0.24	(0.08)	17.1	(0.9)	14.2	(0.8)	3.0	(1.3)
	Netherlands	7.8	(0.5)	6.4	(0.8)	1.4	(0.9)	-0.9	-0.14	(0.16)	2.6	(0.4)	5.9	(0.9)	-3.3	(1.0)
	New Zealand	17.2	(0.6)	a	a	a	a	a	a	a	9.9	(0.5)	a	a	a	a
	Norway	5.3	(0.4)	a	a	a	a	a	a	a	4.9	(0.4)	a	a	a	a
	Poland	19.3	(0.8)	a	a	a	a	a	a	a	10.7	(0.6)	a	a	a	a
	Portugal	27.2	(1.0)	23.1	(2.2)	4.1	(2.5)	3.9	0.21	(0.14)	14.7	(0.8)	14.1	(1.7)	0.6	(1.8)
	Slovak Republic	28.8	(1.5)	21.3	(1.2)	7.5	(1.9)	3.4	0.19	(0.09)	12.1	(0.8)	10.0	(0.8)	2.1	(1.2)
	Spain	28.6	(0.8)	a	a	a	a	a	a	a	26.1	(0.7)	a	a	a	a
	Sweden	7.5	(0.5)	c	c	c	c	c	c	c	5.8	(0.4)	c	c	c	c
	Switzerland	20.0	(0.5)	18.3	(2.7)	1.7	(2.7)	1.1	0.07	(0.16)	6.2	(0.4)	8.0	(2.3)	-1.8	(2.3)
	Turkey	16.4	(1.0)	9.2	(0.8)	7.2	(1.2)	4.7	0.45	(0.13)	12.8	(0.8)	8.3	(0.8)	4.6	(1.1)
United Kingdom	17.4	(0.5)	a	a	a	a	a	a	a	7.5	(0.5)	a	a	a	a	
United States	17.4	(0.8)	a	a	a	a	a	a	a	12.5	(0.9)	a	a	a	a	
OECD average	20.8	(0.2)	16.5	(0.5)	8.2	(0.5)	4.6	0.30	(0.04)	11.8	(0.1)	9.6	(0.3)	3.8	(0.4)	
Partners	Argentina	31.2	(1.3)	31.8	(6.3)	-0.6	(6.4)	-4.0	-0.18	(0.25)	19.1	(0.9)	22.7	(4.8)	-3.6	(5.0)
	Azerbaijan	30.5	(1.1)	51.4	(9.6)	-21.0	(9.6)	-26.5	-1.11	(0.45)	40.7	(1.1)	55.6	(10.9)	-15.0	(11.1)
	Brazil	19.7	(0.6)	a	a	a	a	a	a	a	17.9	(0.5)	a	a	a	a
	Bulgaria	26.9	(1.3)	26.8	(1.2)	0.1	(1.7)	-2.3	-0.12	(0.09)	16.9	(1.2)	18.3	(1.6)	-1.4	(2.0)
	Chile	13.5	(0.8)	5.4	(2.0)	8.1	(2.0)	6.0	0.75	(0.41)	9.5	(0.5)	5.9	(2.3)	3.5	(2.3)
	Colombia	26.4	(0.9)	20.6	(2.1)	5.8	(2.5)	6.3	0.36	(0.16)	18.4	(0.8)	15.0	(1.9)	3.4	(2.0)
	Croatia	34.0	(1.7)	25.5	(0.9)	8.5	(1.8)	-1.0	-0.05	(0.12)	7.3	(0.7)	10.7	(0.7)	-3.4	(0.9)
	Estonia	17.3	(0.7)	a	a	a	a	a	a	a	8.1	(0.5)	a	a	a	a
	Hong Kong-China	24.6	(1.4)	17.5	(2.5)	7.2	(2.9)	-0.9	-0.05	(0.19)	18.3	(0.8)	12.2	(2.0)	6.0	(2.1)
	Indonesia	18.7	(0.7)	11.3	(1.7)	7.4	(1.8)	7.1	0.60	(0.19)	20.5	(0.9)	14.3	(1.0)	6.2	(1.4)
	Israel	42.8	(1.2)	39.2	(3.0)	3.6	(3.4)	-0.1	-0.00	(0.12)	19.8	(0.9)	22.4	(1.8)	-2.6	(2.0)
	Jordan	34.4	(0.8)	a	a	a	a	a	a	a	25.2	(0.8)	a	a	a	a
	Kyrgyzstan	26.1	(0.8)	41.1	(9.6)	-14.9	(9.5)	-11.8	-0.55	(0.36)	26.8	(0.9)	34.6	(7.1)	-7.8	(7.1)
	Latvia	32.2	(1.2)	34.0	(4.4)	-1.8	(4.4)	2.1	0.10	(0.20)	14.0	(0.5)	16.0	(3.9)	-2.0	(4.0)
	Liechtenstein	14.0	(1.8)	a	a	a	a	a	a	a	2.8	(1.0)	a	a	a	a
	Lithuania	17.8	(0.8)	c	c	c	c	c	c	c	7.0	(0.4)	c	c	c	c
	Macao-China	22.0	(0.7)	0.00	(2.6)	11.7	(2.7)	10.5	0.78	(0.30)	20.6	(0.7)	18.2	(3.8)	2.5	(3.9)
	Montenegro	42.6	(1.5)	35.0	(1.0)	7.6	(1.9)	-4.7	-0.20	(0.10)	16.7	(0.9)	22.6	(0.9)	-5.9	(1.3)
	Qatar	36.2	(0.7)	a	a	a	a	a	a	a	25.4	(0.6)	a	a	a	a
	Romania	26.6	(1.5)	32.1	(2.7)	-5.5	(3.1)	-10.8	-0.51	(0.16)	16.8	(0.9)	29.4	(3.1)	-12.6	(3.2)
	Russian Federation	22.9	(0.9)	13.6	(1.6)	9.3	(1.8)	8.2	0.57	(0.15)	13.1	(0.9)	9.0	(1.1)	4.1	(1.3)
	Serbia	46.0	(2.3)	35.8	(1.2)	10.2	(2.6)	-3.1	-0.13	(0.14)	13.1	(1.3)	12.8	(0.6)	0.3	(1.4)
	Slovenia	28.6	(1.0)	24.9	(0.9)	3.8	(1.4)	0.3	0.02	(0.10)	5.6	(0.7)	7.5	(0.4)	-1.9	(0.8)
	Chinese Taipei	24.6	(0.7)	22.1	(0.8)	2.4	(1.1)	1.4	0.08	(0.08)	23.7	(0.6)	23.5	(0.9)	0.2	(1.0)
	Thailand	20.5	(0.8)	20.3	(2.6)	0.2	(2.7)	-0.1	-0.01	(0.16)	24.2	(0.9)	23.2	(2.6)	1.0	(2.7)
	Tunisia	30.8	(1.4)	a	a	a	a	a	a	a	28.3	(1.1)	a	a	a	a
	Uruguay	31.2	(0.8)	13.4	(1.6)	17.8	(1.8)	15.6	0.94	(0.17)	21.9	(0.8)	14.4	(2.5)	7.6	(2.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.19 Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

[Part 3/5]

	Proportion of students participating in out-of-school lessons with non-school teachers															
	Large group lessons						At least one of these types of out-of-school lessons									
	Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS			
	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	
OECD	Australia	6.9	(0.3)	10.1	(1.0)	-3.2	(1.1)	23.5	(0.6)	20.2	(1.2)	3.2	(1.2)	1.5	0.09	(0.08)
	Austria	3.4	(0.8)	7.3	(0.5)	-3.9	(0.9)	31.3	(1.9)	21.2	(0.8)	10.1	(1.9)	10.0	0.52	(0.15)
	Belgium	3.0	(0.3)	5.8	(0.6)	-2.8	(0.6)	26.4	(0.9)	18.1	(0.8)	8.3	(1.2)	7.1	0.42	(0.08)
	Canada	7.1	(0.3)	a	a	a	a	22.8	(0.6)	a	a	a	a	a	a	a
	Czech Republic	6.1	(0.6)	5.1	(0.9)	1.0	(1.0)	23.7	(1.0)	19.1	(1.4)	4.6	(1.8)	2.9	0.18	(0.11)
	Denmark	3.9	(0.4)	a	a	a	a	10.4	(0.6)	a	a	a	a	a	a	a
	Finland	3.7	(0.3)	a	a	a	a	8.5	(0.4)	a	a	a	a	a	a	a
	France	5.2	(0.5)	2.5	(0.7)	2.6	(0.9)	27.9	(1.1)	12.2	(2.1)	15.7	(2.2)	12.8	0.80	(0.20)
	Germany	3.9	(0.4)	0.0	(0.0)	3.9	(0.4)	27.6	(0.6)	14.6	(4.4)	13.1	(4.5)	12.3	0.75	(0.35)
	Greece	18.3	(1.0)	20.3	(2.4)	-2.0	(2.6)	75.3	(1.1)	41.0	(2.5)	34.3	(2.8)	24.2	1.07	(0.14)
	Hungary	10.6	(1.0)	7.4	(0.7)	3.2	(1.2)	45.6	(1.5)	32.8	(1.5)	12.8	(2.1)	6.7	0.29	(0.10)
	Iceland	5.1	(0.4)	c	c	c	c	19.8	(0.7)	c	c	c	c	c	c	c
	Ireland	6.6	(0.5)	9.0	(3.8)	-2.4	(3.9)	29.0	(0.8)	23.6	(5.3)	5.4	(5.3)	1.2	0.06	(0.33)
	Italy	7.1	(0.5)	10.5	(0.5)	-3.4	(0.7)	50.9	(0.9)	41.9	(0.9)	9.0	(1.2)	1.6	0.06	(0.07)
	Japan	8.5	(0.8)	7.3	(0.9)	1.2	(1.2)	22.9	(1.3)	11.9	(1.3)	11.0	(1.8)	3.9	0.27	(0.16)
	Korea	30.3	(1.0)	15.6	(1.2)	14.7	(1.6)	65.3	(1.1)	32.5	(2.2)	32.8	(2.5)	15.3	0.62	(0.13)
	Luxembourg	6.0	(0.4)	2.5	(0.6)	3.5	(0.7)	28.6	(0.7)	23.4	(2.0)	5.2	(2.1)	5.5	0.29	(0.11)
	Mexico	17.1	(0.9)	14.2	(0.5)	2.9	(1.1)	32.1	(1.2)	26.9	(0.8)	5.2	(1.6)	5.2	0.25	(0.08)
	Netherlands	2.6	(0.3)	6.3	(0.9)	-3.8	(1.0)	10.6	(0.6)	12.3	(1.3)	-1.7	(1.4)	-2.2	-0.22	(0.14)
	New Zealand	6.9	(0.4)	a	a	a	a	23.9	(0.7)	a	a	a	a	a	a	a
	Norway	5.0	(0.4)	a	a	a	a	9.9	(0.6)	a	a	a	a	a	a	a
	Poland	10.0	(0.4)	a	a	a	a	28.9	(0.9)	a	a	a	a	a	a	a
	Portugal	8.5	(0.6)	6.3	(1.5)	2.3	(1.5)	35.8	(1.2)	32.0	(2.6)	3.7	(3.0)	3.4	0.15	(0.14)
	Slovak Republic	9.0	(0.9)	5.3	(0.6)	3.8	(1.1)	33.8	(1.5)	24.5	(1.2)	9.3	(1.9)	5.9	0.29	(0.09)
	Spain	10.5	(0.5)	a	a	a	a	43.4	(0.8)	a	a	a	a	a	a	a
	Sweden	7.1	(0.4)	m	m	m	m	13.2	(0.6)	c	c	c	c	c	c	c
	Switzerland	4.9	(0.3)	3.3	(1.3)	1.6	(1.4)	24.8	(0.6)	22.7	(3.6)	2.1	(3.6)	1.7	0.10	(0.20)
	Turkey	17.9	(1.5)	10.9	(1.1)	7.0	(1.8)	31.7	(1.7)	19.0	(1.3)	12.6	(2.2)	6.6	0.36	(0.11)
	United Kingdom	7.4	(0.4)	a	a	a	a	24.1	(0.7)	a	a	a	a	a	a	a
	United States	11.6	(0.8)	a	a	a	a	25.2	(1.1)	a	a	a	a	a	a	a
	OECD average	8.5	(0.1)	7.9	(0.3)	1.4	(0.3)	29.2	(0.2)	23.7	(0.5)	10.4	(0.6)	6.7	0.33	(0.04)
Partners	Argentina	12.8	(0.8)	25.9	(7.1)	-13.1	(7.2)	39.7	(1.2)	47.6	(4.7)	-7.8	(5.0)	-10.4	-0.42	(0.25)
	Azerbaijan	38.9	(1.1)	40.8	(11.9)	-1.9	(11.9)	62.6	(1.0)	75.7	(8.1)	-13.1	(8.1)	-14.5	-0.70	(0.52)
	Brazil	15.4	(0.5)	a	a	a	a	33.1	(0.7)	a	a	a	a	a	a	a
	Bulgaria	15.1	(1.2)	18.8	(1.7)	-3.7	(2.0)	38.3	(1.5)	37.8	(1.4)	0.4	(2.0)	-1.0	-0.04	(0.09)
	Chile	8.3	(0.5)	9.5	(2.5)	-1.3	(2.4)	21.7	(0.9)	12.7	(2.4)	8.9	(2.3)	7.8	0.56	(0.21)
	Colombia	16.6	(0.8)	15.7	(1.8)	0.9	(2.0)	37.6	(1.0)	32.3	(1.7)	5.3	(2.1)	6.2	0.28	(0.09)
	Croatia	4.5	(0.6)	9.1	(0.6)	-4.6	(0.8)	38.9	(1.7)	32.1	(1.0)	6.9	(1.9)	-1.4	-0.06	(0.10)
	Estonia	7.3	(0.5)	a	a	a	a	23.4	(0.7)	a	a	a	a	a	a	a
	Hong Kong-China	30.8	(1.2)	20.0	(2.6)	10.9	(2.8)	53.4	(1.3)	34.7	(3.9)	18.7	(4.2)	6.9	0.27	(0.18)
	Indonesia	19.0	(0.8)	10.3	(1.2)	8.7	(1.3)	36.0	(1.0)	24.5	(2.1)	11.5	(2.4)	11.9	0.58	(0.11)
	Israel	14.7	(0.8)	18.5	(2.4)	-3.8	(2.4)	53.3	(1.4)	50.0	(2.9)	3.4	(3.2)	1.4	0.06	(0.12)
	Jordan	21.9	(0.8)	a	a	a	a	48.0	(0.9)	a	a	a	a	a	a	a
	Kyrgyzstan	31.7	(1.0)	34.5	(7.0)	-2.8	(7.1)	48.4	(1.0)	56.3	(8.7)	-7.9	(8.7)	-9.7	-0.39	(0.37)
	Latvia	17.3	(0.7)	10.9	(2.8)	6.4	(3.1)	42.3	(1.4)	42.7	(5.1)	-0.5	(5.1)	3.7	0.15	(0.21)
	Liechtenstein	2.4	(0.8)	a	a	a	a	16.1	(2.0)	a	a	a	a	a	a	a
	Lithuania	6.6	(0.5)	c	c	c	c	23.4	(0.8)	c	c	c	c	c	c	c
	Macao-China	19.5	(0.7)	11.6	(2.7)	7.9	(2.9)	39.3	(0.8)	24.3	(3.9)	15.0	(4.0)	13.0	0.60	(0.22)
	Montenegro	12.0	(0.9)	20.1	(0.8)	-8.1	(1.2)	49.0	(1.4)	46.7	(0.9)	2.2	(1.7)	-7.5	-0.30	(0.10)
	Qatar	22.8	(0.5)	a	a	a	a	48.5	(0.7)	a	a	a	a	a	a	a
	Romania	10.8	(1.0)	30.8	(2.0)	-20.1	(2.2)	35.2	(1.3)	49.2	(2.4)	-13.9	(2.7)	-16.0	-0.66	(0.13)
	Russian Federation	13.1	(0.7)	10.5	(1.5)	2.6	(1.6)	32.8	(1.2)	21.5	(2.3)	11.3	(2.7)	10.4	0.53	(0.16)
	Serbia	4.3	(0.7)	10.3	(0.7)	-6.1	(0.9)	50.0	(2.4)	40.9	(1.1)	9.1	(2.6)	-1.9	-0.08	(0.13)
	Slovenia	3.0	(0.3)	7.1	(0.4)	-4.1	(0.6)	32.9	(1.1)	29.6	(0.9)	3.3	(1.5)	2.5	0.12	(0.09)
	Chinese Taipei	46.5	(1.2)	29.1	(1.0)	17.4	(1.5)	64.2	(0.8)	43.6	(0.9)	20.6	(1.2)	15.0	0.61	(0.05)
	Thailand	32.0	(1.3)	27.0	(2.6)	5.0	(2.9)	45.5	(1.3)	36.9	(3.6)	8.6	(3.8)	8.1	0.33	(0.15)
	Tunisia	19.3	(0.9)	a	a	a	a	44.9	(1.4)	a	a	a	a	a	a	a
	Uruguay	11.9	(0.6)	13.1	(2.1)	-1.2	(2.2)	39.4	(1.0)	23.3	(2.1)	16.1	(2.3)	13.8	0.65	(0.14)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.19 Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school lessons with school teachers														
		One-to-one lessons							Small group lessons							
		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		Academic schools		Vocational schools		Difference (academic-vocational)		
								Difference (academic-vocational)	Increase in the logit of participating in out-of-school-time lessons by being in an academic school							
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	6.4	(0.3)	9.8	(1.1)	-3.5	(1.1)	-3.2	-0.44	(0.13)	6.8	(0.4)	11.1	(1.3)	-4.3	(1.3)
	Austria	4.7	(0.9)	5.7	(0.5)	-1.0	(1.0)	1.9	0.38	(0.22)	13.4	(1.4)	13.0	(0.9)	0.4	(1.6)
	Belgium	6.6	(0.5)	8.0	(0.7)	-1.4	(0.9)	-0.2	-0.02	(0.15)	7.3	(0.6)	8.5	(0.7)	-1.2	(1.0)
	Canada	12.3	(0.4)	a	a	a	a	a	a	a	10.5	(0.4)	a	a	a	a
	Czech Republic	15.0	(0.9)	13.2	(1.2)	1.8	(1.5)	3.6	0.31	(0.12)	12.2	(0.8)	9.1	(1.1)	3.1	(1.4)
	Denmark	5.3	(0.4)	a	a	a	a	a	a	a	8.0	(0.5)	a	a	a	a
	Finland	8.1	(0.5)	a	a	a	a	a	a	a	9.4	(0.5)	a	a	a	a
	France	7.2	(0.6)	5.4	(1.0)	1.8	(1.2)	2.6	0.51	(0.24)	18.3	(0.8)	14.3	(1.2)	4.0	(1.3)
	Germany	5.9	(0.5)	1.5	(1.1)	4.5	(1.3)	4.5	1.62	(0.98)	7.8	(0.6)	6.2	(1.8)	1.5	(1.9)
	Greece	10.1	(0.7)	24.5	(3.1)	-14.4	(3.2)	-10.9	-0.86	(0.20)	13.8	(0.9)	20.9	(2.3)	-7.1	(2.5)
	Hungary	18.0	(1.2)	12.1	(0.9)	5.9	(1.6)	7.8	0.62	(0.13)	15.5	(1.1)	10.7	(1.0)	4.8	(1.4)
	Iceland	10.4	(0.5)	c	c	c	c	c	c	c	14.5	(0.6)	c	c	c	c
	Ireland	7.0	(0.5)	11.2	(4.6)	-4.3	(4.6)	-2.7	-0.38	(0.51)	8.9	(0.6)	13.3	(4.3)	-4.4	(4.4)
	Italy	a	a	a	a	a	a	a	a	a	35.5	(1.2)	37.0	(1.1)	-1.4	(1.6)
	Japan	3.4	(0.3)	4.7	(0.6)	-1.3	(0.7)	-0.2	-0.05	(0.22)	5.6	(0.3)	9.7	(1.0)	-4.1	(1.1)
	Korea	9.3	(0.5)	10.2	(1.1)	-0.9	(1.2)	-0.8	-0.09	(0.17)	16.6	(0.8)	17.0	(1.0)	-0.4	(1.3)
	Luxembourg	14.3	(0.5)	10.6	(1.4)	3.7	(1.5)	4.7	0.45	(0.17)	15.0	(0.6)	12.0	(1.3)	3.0	(1.4)
	Mexico	19.5	(1.1)	12.8	(0.5)	6.7	(1.3)	5.6	0.44	(0.08)	19.7	(0.9)	13.2	(0.6)	6.6	(1.1)
	Netherlands	6.4	(0.6)	10.2	(0.9)	-3.8	(1.1)	-1.5	-0.22	(0.17)	7.5	(0.6)	11.5	(0.9)	-3.9	(1.0)
	New Zealand	9.1	(0.8)	a	a	a	a	a	a	a	9.7	(0.6)	a	a	a	a
	Norway	8.5	(0.5)	a	a	a	a	a	a	a	11.9	(0.6)	a	a	a	a
	Poland	14.7	(0.6)	a	a	a	a	a	a	a	23.1	(0.8)	a	a	a	a
	Portugal	22.8	(1.0)	16.7	(2.0)	6.0	(2.2)	5.5	0.36	(0.16)	32.8	(1.2)	25.9	(2.3)	6.9	(2.5)
	Slovak Republic	41.9	(2.0)	15.4	(1.0)	26.6	(2.2)	31.7	1.67	(0.14)	23.2	(1.4)	11.4	(0.9)	11.8	(1.6)
	Spain	8.5	(0.5)	a	a	a	a	a	a	a	10.8	(0.4)	a	a	a	a
	Sweden	8.8	(0.6)	c	c	c	c	c	c	c	14.3	(0.6)	c	c	c	c
	Switzerland	7.0	(0.3)	3.5	(1.4)	3.5	(1.4)	3.5	0.74	(0.44)	10.6	(0.4)	3.3	(0.9)	7.3	(0.9)
	Turkey	7.6	(0.9)	7.7	(0.6)	-0.1	(1.1)	1.0	0.15	(0.20)	9.4	(0.8)	9.2	(0.8)	0.1	(1.1)
United Kingdom	11.3	(0.4)	a	a	a	a	a	a	a	17.7	(0.6)	a	a	a	a	
United States	22.4	(1.0)	a	a	a	a	a	a	a	19.1	(0.9)	a	a	a	a	
OECD average	11.5	(0.1)	10.2	(0.4)	1.7	(0.4)	2.3	0.29	(0.08)	14.3	(0.1)	13.5	(0.4)	1.2	(0.4)	
Partners	Argentina	10.6	(0.9)	12.1	(5.1)	-1.5	(5.1)	0.3	0.03	(0.52)	12.4	(1.0)	18.4	(5.8)	-6.0	(5.9)
	Azerbaijan	38.9	(1.3)	43.8	(8.7)	-4.9	(8.7)	-6.4	-0.26	(0.37)	37.1	(1.3)	47.9	(13.1)	-10.8	(13.1)
	Brazil	13.6	(0.6)	a	a	a	a	a	a	a	23.5	(0.8)	a	a	a	a
	Bulgaria	20.9	(1.9)	23.2	(2.1)	-2.3	(2.9)	0.0	0.00	(0.14)	17.2	(1.2)	21.5	(2.0)	-4.3	(2.4)
	Chile	8.4	(0.5)	2.7	(0.9)	5.7	(1.1)	6.0	1.35	(0.38)	16.3	(0.8)	13.5	(3.1)	2.7	(3.1)
	Colombia	15.8	(1.2)	11.2	(1.9)	4.6	(1.9)	3.9	0.35	(0.20)	21.1	(1.2)	15.0	(2.8)	6.2	(2.9)
	Croatia	9.0	(0.9)	14.8	(0.6)	-5.9	(1.0)	-0.6	-0.06	(0.18)	7.5	(1.1)	12.6	(0.7)	-5.0	(1.3)
	Estonia	18.4	(0.9)	a	a	a	a	a	a	a	13.7	(0.7)	a	a	a	a
	Hong Kong-China	5.5	(0.5)	11.1	(1.0)	-5.6	(1.1)	-2.6	-0.42	(0.18)	16.4	(0.9)	23.8	(1.6)	-7.4	(1.7)
	Indonesia	36.6	(1.8)	7.3	(1.4)	29.3	(1.9)	28.0	1.96	(0.16)	30.0	(1.3)	9.5	(2.8)	20.5	(2.5)
	Israel	19.7	(1.0)	25.8	(3.6)	-6.1	(3.8)	-3.8	-0.23	(0.19)	19.6	(0.9)	26.8	(2.8)	-7.2	(2.9)
	Jordan	27.4	(1.0)	a	a	a	a	a	a	a	31.7	(0.9)	a	a	a	a
	Kyrgyzstan	64.1	(1.1)	45.9	(6.4)	18.3	(6.2)	1.6	0.07	(0.22)	44.3	(1.1)	32.3	(7.3)	12.0	(7.2)
	Latvia	35.0	(1.2)	25.3	(4.0)	9.7	(4.4)	7.8	0.37	(0.25)	25.8	(1.1)	19.7	(3.1)	6.1	(3.3)
	Liechtenstein	5.8	(1.2)	a	a	a	a	a	a	a	7.9	(1.3)	a	a	a	a
	Lithuania	12.0	(0.6)	c	c	c	c	c	c	c	17.6	(0.8)	c	c	c	c
	Macao-China	14.2	(0.6)	20.1	(4.6)	-5.9	(4.6)	-3.7	-0.27	(0.31)	22.7	(0.7)	24.2	(4.2)	-1.5	(4.2)
	Montenegro	17.6	(1.0)	28.7	(0.7)	-11.1	(1.3)	-4.9	-0.27	(0.12)	11.4	(0.8)	20.8	(0.8)	-9.4	(1.1)
	Qatar	33.9	(0.6)	a	a	a	a	a	a	a	29.1	(0.5)	a	a	a	a
	Romania	22.2	(1.1)	42.2	(3.0)	-19.9	(3.3)	-16.4	-0.78	(0.18)	20.8	(1.2)	36.1	(2.1)	-15.3	(2.4)
	Russian Federation	31.5	(1.0)	26.1	(1.8)	5.4	(2.2)	6.1	0.30	(0.12)	33.0	(1.3)	22.3	(2.1)	10.6	(2.3)
	Serbia	6.8	(1.0)	11.6	(0.8)	-4.8	(1.2)	-2.5	-0.30	(0.21)	9.0	(1.2)	13.4	(0.8)	-4.4	(1.5)
	Slovenia	7.6	(0.7)	10.1	(0.4)	-2.5	(0.9)	2.2	0.28	(0.15)	9.1	(0.8)	8.7	(0.5)	0.4	(0.9)
Chinese Taipei	11.4	(0.6)	19.8	(1.2)	-8.4	(1.4)	-4.6	-0.38	(0.11)	18.7	(0.7)	30.3	(1.4)	-11.5	(1.6)	
Thailand	20.9	(0.7)	21.9	(1.9)	-1.0	(2.1)	-0.8	-0.05	(0.12)	26.6	(0.9)	28.5	(2.9)	-2.0	(3.0)	
Tunisia	42.6	(1.3)	a	a	a	a	a	a	a	32.8	(1.2)	a	a	a	a	
Uruguay	9.1	(0.6)	13.2	(4.5)	-4.1	(4.6)	-3.9	-0.41	(0.44)	8.9	(0.6)	9.6	(1.8)	-0.7	(1.9)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.19 Percentage of students by different types of out-of-school-time lessons, by academic and vocational orientation of schools

		Proportion of students participating in out-of-school lessons with school teachers														
		Large group lessons						At least one of these types of out-of-school lessons								
		Academic schools		Vocational schools		Difference (academic-vocational)		Academic schools		Vocational schools		Difference (academic-vocational)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.
OECD	Australia	7.8	(0.3)	11.2	(1.0)	-3.3	(1.0)	13.6	(0.5)	18.4	(1.6)	-4.8	(1.6)	-4.4	-0.34	(0.11)
	Austria	17.5	(1.9)	14.9	(1.1)	2.6	(2.3)	26.1	(2.2)	22.2	(1.3)	3.9	(2.6)	10.0	0.53	(0.17)
	Belgium	4.3	(0.4)	8.0	(0.6)	-3.6	(0.8)	12.8	(0.7)	15.9	(0.9)	-3.1	(1.3)	-0.5	-0.04	(0.12)
	Canada	11.3	(0.4)	a	a	a	a	21.3	(0.6)	a	a	a	a	a	a	a
	Czech Republic	14.4	(0.8)	12.0	(1.4)	2.4	(1.6)	25.1	(1.1)	20.6	(1.9)	4.4	(2.2)	7.3	0.42	(0.14)
	Denmark	8.0	(0.5)	a	a	a	a	14.1	(0.7)	a	a	a	a	a	a	a
	Finland	12.1	(0.6)	a	a	a	a	18.2	(0.7)	a	a	a	a	a	a	a
	France	10.6	(0.6)	7.8	(1.3)	2.8	(1.3)	24.5	(0.9)	18.5	(1.7)	6.0	(1.9)	6.6	0.40	(0.13)
	Germany	10.4	(0.6)	7.0	(4.8)	3.4	(4.9)	17.8	(0.7)	12.7	(6.6)	5.1	(6.7)	7.1	0.60	(0.63)
	Greece	8.0	(0.6)	20.2	(2.6)	-12.2	(2.7)	19.9	(1.0)	35.8	(3.2)	-16.0	(3.3)	-10.8	-0.58	(0.16)
	Hungary	18.6	(1.4)	13.8	(0.9)	4.8	(1.6)	35.2	(1.9)	25.0	(1.3)	10.2	(2.3)	14.0	0.67	(0.12)
	Iceland	14.1	(0.6)	c	c	c	c	27.0	(0.7)	c	c	c	c	c	c	c
	Ireland	9.8	(0.6)	13.7	(4.6)	-3.9	(4.8)	16.9	(0.8)	22.3	(5.7)	-5.4	(5.9)	-2.4	-0.17	(0.36)
	Italy	26.2	(1.0)	25.5	(0.8)	0.7	(1.2)	45.3	(1.5)	46.1	(1.0)	-0.8	(1.8)	-3.9	-0.16	(0.09)
	Japan	29.2	(1.4)	34.4	(2.3)	-5.2	(2.6)	33.3	(1.4)	40.0	(2.2)	-6.7	(2.6)	-2.5	-0.11	(0.12)
	Korea	37.4	(1.5)	32.3	(2.4)	5.1	(2.8)	51.9	(1.3)	45.0	(2.7)	6.9	(3.0)	9.3	0.37	(0.16)
	Luxembourg	10.6	(0.5)	4.8	(0.8)	5.8	(0.9)	26.1	(0.6)	20.2	(1.7)	5.9	(1.8)	7.7	0.45	(0.11)
	Mexico	26.0	(1.1)	19.1	(0.7)	7.0	(1.3)	36.2	(1.2)	27.3	(0.9)	8.9	(1.5)	8.2	0.38	(0.07)
	Netherlands	6.7	(0.6)	8.4	(1.0)	-1.7	(1.1)	14.1	(1.0)	19.1	(1.2)	-5.0	(1.3)	-0.5	-0.03	(0.11)
	New Zealand	9.1	(0.6)	a	a	a	a	17.7	(0.9)	a	a	a	a	a	a	a
Norway	17.2	(0.7)	a	a	a	a	23.8	(0.8)	a	a	a	a	a	a	a	
Poland	26.7	(0.9)	a	a	a	a	41.2	(1.0)	a	a	a	a	a	a	a	
Portugal	24.9	(1.2)	16.9	(2.1)	8.0	(2.3)	49.1	(1.4)	39.8	(2.9)	9.3	(3.1)	8.8	0.36	(0.14)	
Slovak Republic	34.3	(1.7)	10.5	(1.1)	23.9	(1.9)	51.9	(2.0)	21.4	(1.3)	30.6	(2.3)	37.3	1.71	(0.15)	
Spain	9.8	(0.5)	a	a	a	a	18.6	(0.6)	a	a	a	a	a	a	a	
Sweden	20.9	(0.7)	c	c	c	c	26.5	(0.8)	c	c	c	c	c	c	c	
Switzerland	14.6	(0.7)	6.8	(1.2)	7.8	(1.6)	23.3	(0.7)	11.4	(1.2)	11.9	(1.5)	11.9	0.88	(0.13)	
Turkey	13.3	(1.0)	12.0	(1.0)	1.3	(1.4)	20.3	(1.3)	19.0	(1.2)	1.3	(1.8)	4.2	0.27	(0.12)	
United Kingdom	19.5	(0.7)	a	a	a	a	31.8	(0.9)	a	a	a	a	a	a	a	
United States	18.1	(1.0)	a	a	a	a	32.4	(1.2)	a	a	a	a	a	a	a	
OECD average	16.4	(0.2)	14.7	(0.5)	2.4	(0.5)	27.2	(0.2)	25.3	(0.6)	3.3	(0.7)	5.5	0.30	(0.05)	
Partners	Argentina	11.1	(1.0)	19.1	(9.7)	-8.0	(9.7)	19.9	(1.4)	31.0	(9.5)	-11.1	(9.6)	-6.7	-0.38	(0.45)
	Azerbaijan	48.5	(1.4)	42.9	(8.9)	5.6	(9.0)	67.6	(1.4)	71.0	(6.3)	-3.4	(6.4)	-4.1	-0.19	(0.34)
	Brazil	20.4	(0.7)	a	a	a	a	34.3	(0.9)	a	a	a	a	a	a	a
	Bulgaria	21.9	(1.6)	23.8	(1.9)	-1.8	(2.4)	34.5	(2.1)	35.3	(2.4)	-0.8	(3.2)	2.7	0.12	(0.12)
	Chile	17.9	(0.8)	10.5	(2.9)	7.4	(3.1)	27.5	(1.1)	17.6	(3.5)	9.8	(3.7)	11.4	0.69	(0.26)
	Colombia	19.8	(1.1)	17.2	(2.5)	2.6	(2.6)	30.1	(1.4)	25.8	(2.3)	4.3	(2.3)	3.2	0.16	(0.12)
	Croatia	6.3	(1.2)	14.2	(0.8)	-7.9	(1.4)	16.0	(1.7)	24.1	(0.9)	-8.1	(1.9)	-1.3	-0.08	(0.19)
	Estonia	18.6	(0.7)	a	a	a	a	32.1	(1.0)	a	a	a	a	a	a	a
	Hong Kong-China	41.7	(1.4)	46.0	(5.0)	-4.4	(5.3)	48.0	(1.4)	56.1	(4.4)	-8.0	(4.7)	1.8	0.07	(0.20)
	Indonesia	40.1	(1.7)	9.8	(1.4)	30.3	(1.9)	58.8	(1.9)	17.9	(3.5)	41.0	(3.4)	41.4	1.90	(0.17)
	Israel	19.1	(0.8)	25.3	(2.9)	-6.2	(3.1)	33.9	(1.1)	41.6	(3.5)	-7.7	(3.8)	-4.3	-0.19	(0.14)
	Jordan	40.9	(0.9)	a	a	a	a	56.6	(1.1)	a	a	a	a	a	a	a
	Kyrgyzstan	53.0	(1.2)	46.6	(4.9)	6.4	(4.9)	78.8	(1.1)	62.5	(7.7)	16.3	(7.5)	-0.6	-0.04	(0.33)
	Latvia	29.2	(1.2)	22.9	(3.9)	6.3	(4.0)	50.8	(1.3)	42.8	(5.3)	8.0	(5.5)	5.4	0.22	(0.24)
	Liechtenstein	10.6	(1.6)	a	a	a	a	16.7	(1.9)	a	a	a	a	a	a	a
	Lithuania	19.3	(0.8)	c	c	c	c	34.4	(1.0)	c	c	c	c	c	c	c
	Macao-China	34.9	(0.7)	38.7	(6.5)	-3.8	(6.5)	46.8	(0.8)	46.3	(5.6)	0.5	(5.6)	6.3	0.25	(0.23)
	Montenegro	13.6	(1.0)	25.6	(0.9)	-12.1	(1.3)	26.4	(1.3)	38.7	(0.9)	-12.3	(1.5)	-2.4	-0.11	(0.09)
	Qatar	29.5	(0.6)	a	a	a	a	45.3	(0.6)	a	a	a	a	a	a	a
	Romania	16.4	(1.5)	39.8	(1.9)	-23.3	(2.5)	34.4	(1.6)	58.6	(2.2)	-24.2	(2.7)	-16.3	-0.67	(0.16)
Russian Federation	37.3	(1.4)	32.8	(2.8)	4.4	(2.8)	59.3	(1.4)	46.7	(2.6)	12.6	(2.8)	13.7	0.55	(0.12)	
Serbia	8.5	(1.2)	16.9	(1.0)	-8.4	(1.6)	18.4	(1.7)	25.6	(1.1)	-7.2	(2.1)	0.0	0.00	(0.15)	
Slovenia	9.6	(0.7)	13.7	(0.6)	-4.2	(0.9)	19.3	(1.0)	21.0	(0.7)	-1.8	(1.3)	6.8	0.43	(0.11)	
Chinese Taipei	31.4	(0.8)	41.8	(1.0)	-10.3	(1.2)	40.6	(1.0)	53.1	(1.4)	-12.4	(1.7)	-5.2	-0.21	(0.09)	
Thailand	39.8	(1.3)	34.8	(3.0)	4.9	(3.3)	48.6	(1.2)	40.4	(3.2)	8.2	(3.5)	8.1	0.33	(0.14)	
Tunisia	30.5	(0.9)	a	a	a	a	54.0	(1.2)	a	a	a	a	a	a	a	
Uruguay	8.3	(0.6)	11.4	(1.9)	-3.0	(2.0)	16.0	(0.8)	25.8	(4.9)	-9.8	(5.0)	-8.5	-0.54	(0.29)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.20 Percentage of students by different types of out-of-school-time lessons, by school location
[Part 1/5]

	Proportion of students participating in out-of-school-time lessons					
	Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)	
	%	S.E.	%	S.E.	Dif.	S.E.
OECD						
Australia	27.4	(1.1)	33.7	(0.8)	-6.2	(1.4)
Austria	35.7	(1.4)	37.4	(2.2)	-1.7	(2.6)
Belgium	29.0	(0.8)	34.5	(1.4)	-5.4	(1.7)
Canada	33.5	(0.9)	38.8	(1.1)	-5.3	(1.3)
Czech Republic	37.4	(1.1)	36.3	(2.0)	1.1	(2.3)
Denmark	20.0	(0.8)	21.2	(3.1)	-1.2	(3.3)
Finland	23.1	(0.7)	24.7	(1.6)	-1.6	(1.7)
France	a	a	41.6	(0.9)	a	a
Germany	36.0	(1.0)	40.0	(1.9)	-4.0	(2.4)
Greece	77.1	(1.4)	75.9	(2.0)	1.2	(2.7)
Hungary	53.4	(1.5)	55.5	(2.0)	-2.1	(2.7)
Iceland	39.3	(1.0)	43.7	(1.2)	-4.5	(1.5)
Ireland	37.8	(1.2)	39.5	(1.6)	-1.6	(2.1)
Italy	65.4	(0.8)	69.2	(1.3)	-3.8	(1.6)
Japan	43.1	(1.9)	47.0	(1.7)	-3.8	(2.4)
Korea	70.6	(2.7)	80.7	(1.0)	-10.1	(3.0)
Luxembourg	43.5	(0.7)	46.9	(2.6)	-3.3	(2.7)
Mexico	52.0	(1.3)	43.4	(1.1)	8.7	(1.8)
Netherlands	22.6	(1.0)	20.6	(1.2)	2.0	(1.5)
New Zealand	29.7	(1.6)	37.2	(1.0)	-7.5	(2.0)
Norway	27.1	(0.9)	30.1	(1.6)	-3.1	(1.8)
Poland	55.1	(1.1)	59.5	(2.1)	-4.3	(2.4)
Portugal	68.0	(1.2)	71.3	(2.7)	-3.3	(3.3)
Slovak Republic	56.7	(1.3)	49.4	(4.7)	7.3	(5.2)
Spain	54.7	(1.0)	52.5	(1.2)	2.2	(1.6)
Sweden	31.7	(1.0)	33.1	(1.7)	-1.4	(2.0)
Switzerland	39.3	(0.8)	43.2	(1.5)	-3.9	(1.7)
Turkey	35.9	(1.7)	37.9	(1.7)	-2.0	(2.5)
United Kingdom	43.8	(1.0)	48.9	(1.8)	-5.1	(1.9)
United States	37.9	(1.1)	50.5	(2.7)	-12.6	(2.9)
OECD average	42.3	(0.2)	44.8	(0.4)	-2.6	(0.4)
Partners						
Argentina	49.6	(1.7)	47.2	(1.7)	2.4	(2.3)
Azerbaijan	78.6	(1.4)	82.6	(1.5)	-4.1	(2.1)
Brazil	49.1	(1.1)	47.4	(1.4)	1.7	(1.7)
Bulgaria	54.9	(1.9)	52.7	(1.6)	2.3	(2.5)
Chile	37.6	(2.0)	39.0	(1.4)	-1.4	(2.5)
Colombia	54.0	(1.4)	47.6	(1.5)	6.4	(2.1)
Croatia	44.7	(1.3)	46.8	(1.2)	-2.1	(1.7)
Estonia	44.5	(1.2)	50.0	(1.6)	-5.5	(2.1)
Hong Kong-China	a	a	75.4	(0.9)	a	a
Indonesia	68.7	(1.9)	51.7	(5.1)	17.0	(5.1)
Israel	63.8	(1.5)	64.8	(1.7)	-1.0	(2.4)
Jordan	73.5	(1.1)	71.2	(1.5)	2.3	(1.8)
Kyrgyzstan	87.1	(1.1)	75.2	(2.7)	11.9	(3.0)
Latvia	72.8	(1.4)	68.7	(1.4)	4.1	(2.0)
Liechtenstein	28.2	(2.4)	a	a	a	a
Lithuania	48.0	(1.3)	50.1	(1.7)	-2.1	(2.1)
Macao-China	65.3	(1.5)	61.7	(0.9)	3.6	(1.9)
Montenegro	60.9	(0.8)	64.4	(1.4)	-3.5	(1.6)
Qatar	63.9	(0.7)	61.5	(1.3)	2.4	(1.5)
Romania	60.6	(1.5)	53.1	(2.7)	7.5	(3.4)
Russian Federation	73.5	(1.9)	63.5	(1.4)	10.0	(2.1)
Serbia	52.4	(1.4)	56.1	(1.6)	-3.8	(2.2)
Slovenia	41.2	(0.8)	42.4	(1.2)	-1.3	(1.5)
Chinese Taipei	73.5	(1.2)	75.8	(0.8)	-2.3	(1.7)
Thailand	62.1	(1.5)	67.5	(2.5)	-5.4	(3.2)
Tunisia	69.6	(1.2)	74.9	(2.8)	-5.3	(3.2)
Uruguay	43.9	(1.6)	46.0	(1.3)	-2.1	(2.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.20 Percentage of students by different types of out-of-school-time lessons, by school location
[Part 2/5]

		Proportion of students participating in out-of-school lessons with non-school teachers														
		One-to-one lessons								Small group lessons						
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		
								Difference (rural-city)	Increase in the logit of participating in out-of-school- time lessons by being in rural area							
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	12.8	(0.7)	19.0	(0.6)	-6.2	(1.0)	-3.8	-0.29	(0.08)	7.2	(0.6)	8.7	(0.5)	-1.4	(0.7)
	Austria	15.3	(0.9)	19.6	(1.5)	-4.2	(1.7)	-2.0	-0.15	(0.14)	7.1	(0.6)	9.1	(1.2)	-2.0	(1.3)
	Belgium	16.9	(0.8)	20.5	(1.5)	-3.5	(1.8)	-3.6	-0.25	(0.09)	7.0	(0.4)	8.4	(1.0)	-1.4	(1.1)
	Canada	14.2	(0.6)	19.3	(0.8)	-5.1	(1.0)	-3.5	-0.26	(0.07)	7.3	(0.4)	9.9	(0.6)	-2.7	(0.7)
	Czech Republic	14.4	(0.7)	21.2	(2.1)	-6.8	(2.3)	-3.5	-0.26	(0.16)	7.9	(0.7)	8.2	(0.9)	-0.4	(1.2)
	Denmark	4.9	(0.4)	8.3	(2.0)	-3.4	(2.1)	-3.1	-0.52	(0.31)	4.5	(0.4)	6.3	(1.8)	-1.8	(1.8)
	Finland	5.1	(0.4)	6.4	(0.8)	-1.4	(0.9)	-1.1	-0.22	(0.17)	2.2	(0.2)	3.2	(0.8)	-1.0	(0.8)
	France	a	a	22.3	(0.9)	a	a	a	a	a	a	a	9.2	(0.5)	a	a
	Germany	20.9	(0.9)	24.0	(1.6)	-3.1	(2.1)	-2.8	-0.16	(0.12)	6.8	(0.4)	9.3	(1.0)	-2.5	(1.1)
	Greece	45.4	(1.5)	43.9	(2.4)	1.4	(3.1)	9.1	0.37	(0.10)	48.9	(1.8)	40.7	(2.0)	8.2	(2.9)
	Hungary	31.1	(1.4)	34.6	(1.9)	-3.5	(2.5)	4.4	0.21	(0.09)	10.9	(0.9)	10.9	(1.0)	-0.0	(1.4)
	Iceland	12.3	(0.6)	20.2	(1.1)	-8.0	(1.1)	-4.6	-0.37	(0.09)	6.2	(0.5)	8.2	(0.8)	-2.0	(0.9)
	Ireland	21.7	(0.8)	20.9	(1.3)	0.7	(1.5)	3.3	0.21	(0.08)	9.3	(0.6)	10.9	(1.1)	-1.6	(1.2)
	Italy	35.6	(0.7)	41.6	(1.1)	-6.0	(1.4)	0.4	0.02	(0.06)	14.5	(0.5)	13.1	(1.2)	1.4	(1.4)
	Japan	7.0	(0.7)	10.8	(0.9)	-3.8	(1.1)	-1.3	-0.17	(0.13)	6.7	(0.9)	9.4	(0.8)	-2.7	(1.2)
	Korea	23.4	(2.2)	32.7	(0.9)	-9.3	(2.3)	-0.5	-0.03	(0.15)	21.1	(1.5)	33.1	(1.1)	-12.0	(1.9)
	Luxembourg	23.2	(0.7)	22.4	(2.4)	0.7	(2.5)	1.0	0.05	(0.14)	7.0	(0.5)	7.8	(1.4)	-0.8	(1.3)
	Mexico	17.0	(1.1)	18.8	(0.8)	-1.8	(1.4)	2.5	0.17	(0.09)	17.0	(1.0)	15.4	(0.9)	1.6	(1.4)
	Netherlands	6.8	(0.5)	9.1	(1.0)	-2.2	(1.2)	-1.6	-0.24	(0.14)	3.6	(0.5)	3.5	(0.7)	0.1	(0.8)
	New Zealand	11.8	(0.7)	21.8	(1.0)	-10.0	(1.2)	-7.5	-0.56	(0.09)	7.4	(0.7)	12.0	(0.6)	-4.6	(0.9)
Norway	4.9	(0.4)	9.2	(1.2)	-4.3	(1.2)	-4.1	-0.67	(0.18)	4.6	(0.4)	7.0	(1.1)	-2.4	(1.2)	
Poland	17.2	(0.9)	26.0	(1.6)	-8.7	(1.9)	2.1	0.15	(0.12)	9.6	(0.7)	13.9	(1.5)	-4.3	(1.6)	
Portugal	24.6	(0.9)	33.6	(3.6)	-9.0	(3.8)	0.2	0.01	(0.15)	14.8	(0.8)	14.1	(1.9)	0.7	(2.2)	
Slovak Republic	25.2	(1.1)	27.6	(3.5)	-2.4	(3.7)	4.1	0.23	(0.18)	11.5	(0.6)	9.2	(1.0)	2.3	(1.2)	
Spain	29.3	(0.9)	27.6	(1.2)	1.8	(1.4)	4.6	0.23	(0.07)	29.6	(0.9)	20.8	(1.0)	8.8	(1.3)	
Sweden	6.6	(0.5)	10.0	(0.9)	-3.4	(1.0)	-3.2	-0.43	(0.13)	5.4	(0.4)	7.1	(0.9)	-1.7	(1.0)	
Switzerland	18.3	(0.6)	29.0	(1.4)	-10.7	(1.6)	-7.0	-0.41	(0.09)	6.2	(0.5)	6.0	(0.6)	0.2	(0.8)	
Turkey	12.4	(1.0)	14.5	(1.0)	-2.1	(1.4)	0.9	0.09	(0.09)	10.4	(0.7)	11.5	(0.8)	-1.0	(1.0)	
United Kingdom	16.6	(0.6)	19.3	(1.1)	-2.7	(1.2)	-4.2	-0.29	(0.08)	6.4	(0.5)	9.6	(1.1)	-3.2	(1.2)	
United States	14.7	(0.7)	22.1	(1.8)	-7.4	(2.0)	-7.2	-0.49	(0.11)	10.0	(0.6)	17.0	(2.0)	-7.0	(2.1)	
OECD average	17.6	(0.2)	21.9	(0.3)	-4.3	(0.4)	-1.9	-0.13	(0.02)	10.7	(0.1)	11.8	(0.2)	-1.1	(0.3)	
Partners	Argentina	30.4	(1.7)	32.4	(2.0)	-2.0	(2.6)	3.0	0.14	(0.10)	19.5	(1.3)	18.7	(1.4)	0.8	(1.9)
	Azerbaijan	28.7	(1.4)	37.6	(1.4)	-8.9	(1.9)	0.2	0.01	(0.09)	41.1	(1.3)	39.7	(1.9)	1.4	(2.5)
	Brazil	17.8	(0.7)	22.2	(1.0)	-4.3	(1.3)	-0.5	-0.03	(0.08)	17.5	(0.7)	18.4	(0.9)	-0.9	(1.1)
	Bulgaria	24.4	(1.1)	31.4	(1.4)	-7.0	(1.8)	-2.4	-0.12	(0.10)	18.0	(1.4)	16.9	(1.0)	1.1	(1.7)
	Chile	11.1	(1.4)	14.8	(0.8)	-3.7	(1.6)	0.7	0.07	(0.14)	9.8	(0.9)	9.3	(0.7)	0.6	(1.2)
	Colombia	24.3	(0.9)	26.6	(1.3)	-2.3	(1.7)	2.7	0.14	(0.10)	18.5	(1.3)	17.1	(1.1)	1.3	(1.8)
	Croatia	25.6	(1.2)	32.0	(1.2)	-6.4	(1.7)	-1.9	-0.09	(0.10)	10.1	(0.7)	9.1	(0.8)	1.1	(1.0)
	Estonia	13.3	(0.8)	27.4	(1.5)	-14.2	(1.8)	-13.6	-0.88	(0.15)	7.2	(0.5)	10.6	(1.1)	-3.4	(1.2)
	Hong Kong-China	a	a	24.1	(1.3)	a	a	a	a	a	a	a	17.8	(0.8)	a	a
	Indonesia	16.5	(0.7)	21.3	(3.9)	-4.8	(4.0)	0.1	0.01	(0.23)	19.4	(0.9)	19.2	(1.3)	0.2	(1.4)
	Israel	39.4	(1.7)	44.8	(1.8)	-5.4	(2.7)	-4.7	-0.19	(0.11)	21.0	(1.2)	18.8	(1.4)	2.2	(2.0)
	Jordan	32.6	(1.0)	37.0	(1.3)	-4.5	(1.7)	-3.7	-0.16	(0.08)	27.2	(1.2)	22.3	(1.1)	4.9	(1.7)
	Kyrgyzstan	26.1	(0.8)	27.6	(2.5)	-1.5	(2.6)	1.9	0.10	(0.13)	27.8	(1.0)	23.1	(1.9)	4.7	(2.2)
	Latvia	29.5	(1.4)	37.8	(1.8)	-8.3	(2.1)	-1.7	-0.08	(0.09)	13.6	(0.7)	15.2	(1.0)	-1.7	(1.3)
	Liechtenstein	14.7	(1.9)	a	a	a	a	a	a	a	2.6	(1.0)	a	a	a	a
	Lithuania	13.4	(0.9)	24.8	(1.4)	-11.4	(1.6)	-2.7	-0.20	(0.14)	6.4	(0.5)	7.9	(0.9)	-1.5	(1.0)
	Macao-China	23.4	(1.5)	21.5	(0.8)	1.9	(1.8)	2.5	0.14	(0.10)	22.6	(1.5)	20.2	(0.8)	2.4	(1.6)
	Montenegro	34.3	(0.9)	43.5	(1.7)	-9.2	(1.9)	-7.4	-0.31	(0.09)	20.8	(0.7)	20.6	(1.3)	0.2	(1.5)
	Qatar	36.5	(0.9)	35.3	(1.3)	1.2	(1.5)	2.0	0.09	(0.07)	25.6	(0.7)	24.1	(1.3)	1.5	(1.5)
	Romania	26.5	(1.4)	29.3	(2.5)	-2.8	(2.9)	-0.8	-0.04	(0.17)	21.4	(1.3)	18.2	(2.1)	3.2	(2.5)
Russian Federation	21.2	(1.2)	22.5	(1.3)	-1.4	(1.9)	3.3	0.20	(0.09)	13.0	(1.1)	11.9	(0.8)	1.0	(1.1)	
Serbia	34.5	(1.5)	44.6	(1.7)	-10.1	(2.3)	-4.7	-0.20	(0.10)	14.0	(0.8)	11.2	(0.7)	2.7	(1.1)	
Slovenia	24.7	(0.7)	30.2	(1.3)	-5.4	(1.5)	-4.4	-0.22	(0.07)	6.8	(0.5)	6.1	(0.6)	0.7	(0.8)	
Chinese Taipei	22.9	(0.9)	24.2	(0.8)	-1.3	(1.4)	-0.3	-0.02	(0.08)	24.8	(1.3)	23.0	(0.7)	1.8	(1.7)	
Thailand	19.9	(0.8)	22.3	(1.4)	-2.4	(1.6)	0.0	0.00	(0.10)	24.1	(0.9)	23.9	(1.7)	0.2	(1.8)	
Tunisia	27.6	(1.2)	46.0	(3.7)	-18.4	(4.0)	-8.3	-0.38	(0.15)	26.4	(1.0)	38.4	(2.9)	-12.0	(3.2)	
Uruguay	27.8	(1.3)	31.2	(1.3)	-3.4	(2.0)	1.4	0.07	(0.10)	20.4	(1.1)	22.2	(1.1)	-1.8	(1.7)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.20 Percentage of students by different types of out-of-school-time lessons, by school location

		Proportion of students participating in out-of-school lessons with non-school teachers														
		Large group lessons						At least one of these types of out-of-school lessons						If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)				Difference (rural-city)
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	
OECD	Australia	6.0	(0.4)	8.1	(0.4)	-2.1	(0.5)	17.9	(0.8)	26.5	(0.8)	-8.6	(1.2)	-7.0	-0.41	(0.08)
	Austria	6.4	(0.5)	5.6	(1.2)	0.8	(1.4)	22.5	(0.9)	27.7	(1.9)	-5.2	(2.1)	-4.2	-0.23	(0.13)
	Belgium	4.1	(0.4)	4.9	(0.9)	-0.8	(1.0)	21.5	(0.8)	25.4	(1.4)	-4.0	(1.8)	-4.2	-0.24	(0.09)
	Canada	6.5	(0.4)	7.9	(0.6)	-1.4	(0.6)	19.9	(0.7)	26.7	(1.1)	-6.9	(1.3)	-5.2	-0.30	(0.07)
	Czech Republic	5.7	(0.6)	5.5	(1.1)	0.2	(1.3)	20.4	(0.9)	26.7	(2.0)	-6.3	(2.3)	-3.0	-0.18	(0.14)
	Denmark	3.9	(0.5)	2.1	(0.7)	1.7	(0.9)	10.0	(0.7)	12.4	(2.8)	-2.4	(2.9)	-2.5	-0.25	(0.27)
	Finland	3.6	(0.3)	4.0	(0.5)	-0.4	(0.6)	8.0	(0.4)	10.7	(1.2)	-2.7	(1.3)	-2.3	-0.28	(0.14)
	France	a	a	4.9	(0.4)	a	a	a	a	26.4	(1.0)	a	a	a	a	a
	Germany	3.2	(0.5)	5.9	(0.9)	-2.7	(1.0)	26.4	(0.8)	30.8	(1.6)	-4.4	(1.9)	-3.9	-0.19	(0.10)
	Greece	19.7	(1.3)	16.7	(1.3)	3.0	(1.8)	71.3	(1.6)	70.4	(2.3)	0.9	(3.1)	9.4	0.46	(0.12)
	Hungary	9.5	(0.8)	7.8	(0.9)	1.7	(1.3)	37.5	(1.5)	39.5	(1.8)	-1.9	(2.6)	4.0	0.17	(0.10)
	Iceland	5.6	(0.5)	4.4	(0.6)	1.2	(0.7)	18.1	(0.7)	24.4	(1.2)	-6.3	(1.2)	-3.3	-0.21	(0.08)
	Ireland	5.5	(0.4)	10.4	(1.2)	-4.9	(1.3)	28.1	(0.9)	31.7	(1.7)	-3.6	(1.9)	-1.3	-0.06	(0.09)
	Italy	9.5	(0.5)	7.6	(0.8)	1.9	(1.0)	44.7	(0.7)	49.2	(1.4)	-4.5	(1.6)	-0.3	-0.01	(0.07)
	Japan	7.1	(0.8)	8.8	(0.8)	-1.7	(1.0)	16.2	(1.3)	22.4	(1.4)	-6.2	(1.9)	-1.2	-0.08	(0.12)
	Korea	12.4	(1.4)	29.5	(0.9)	-17.1	(1.6)	37.3	(2.1)	61.5	(1.2)	-24.2	(2.3)	-5.3	-0.22	(0.16)
	Luxembourg	5.3	(0.3)	7.7	(1.2)	-2.4	(1.2)	28.1	(0.7)	26.9	(2.5)	1.1	(2.6)	0.9	0.05	(0.13)
	Mexico	18.5	(1.1)	13.8	(0.7)	4.7	(1.4)	30.8	(1.3)	30.1	(1.1)	0.7	(1.8)	3.8	0.18	(0.09)
	Netherlands	3.5	(0.4)	4.2	(0.8)	-0.8	(0.9)	10.3	(0.7)	13.6	(1.1)	-3.3	(1.3)	-3.2	-0.31	(0.12)
	New Zealand	5.8	(0.6)	7.9	(0.6)	-2.1	(0.9)	17.2	(0.9)	29.6	(0.9)	-12.4	(1.4)	-11.6	-0.66	(0.09)
Norway	5.0	(0.4)	5.6	(0.8)	-0.7	(1.0)	9.2	(0.6)	15.1	(1.2)	-5.9	(1.3)	-5.7	-0.55	(0.12)	
Poland	9.2	(0.5)	12.5	(1.1)	-3.3	(1.2)	25.7	(1.0)	39.4	(2.0)	-13.7	(2.3)	-0.9	-0.04	(0.11)	
Portugal	8.3	(0.7)	8.0	(0.9)	0.3	(1.2)	33.2	(1.0)	42.4	(3.9)	-9.2	(4.3)	1.0	0.04	(0.15)	
Slovak Republic	7.5	(0.6)	6.1	(1.2)	1.4	(1.3)	29.2	(1.1)	32.5	(4.1)	-3.3	(4.3)	2.8	0.14	(0.19)	
Spain	11.4	(0.7)	9.0	(0.6)	2.4	(0.9)	44.8	(1.0)	41.4	(1.3)	3.4	(1.6)	7.2	0.29	(0.07)	
Sweden	6.4	(0.4)	9.4	(1.0)	-3.0	(1.0)	12.0	(0.6)	17.3	(1.3)	-5.3	(1.4)	-5.3	-0.43	(0.11)	
Switzerland	4.8	(0.3)	4.0	(0.7)	0.8	(0.8)	23.2	(0.7)	32.7	(1.5)	-9.5	(1.8)	-7.2	-0.37	(0.09)	
Turkey	13.6	(1.4)	16.4	(1.5)	-2.9	(2.1)	24.0	(1.5)	29.1	(1.8)	-5.1	(2.5)	2.0	0.11	(0.10)	
United Kingdom	6.2	(0.4)	9.6	(1.0)	-3.5	(1.1)	22.5	(0.7)	27.5	(1.5)	-5.0	(1.5)	-6.0	-0.32	(0.08)	
United States	9.2	(0.6)	15.8	(2.0)	-6.6	(2.1)	21.2	(0.8)	32.5	(2.5)	-11.3	(2.6)	-11.0	-0.57	(0.11)	
OECD average	7.7	(0.1)	8.8	(0.2)	-1.2	(0.2)	25.2	(0.2)	30.7	(0.3)	-5.7	(0.4)	-2.8	-0.15	(0.02)	
Partners	Argentina	13.6	(1.0)	12.1	(1.2)	1.6	(1.6)	40.0	(1.6)	39.8	(1.8)	0.2	(2.4)	4.1	0.17	(0.09)
	Azerbaijan	40.1	(1.4)	35.0	(1.8)	5.1	(2.5)	61.9	(1.3)	65.4	(1.8)	-3.5	(2.3)	0.2	0.01	(0.13)
	Brazil	15.3	(0.7)	15.7	(0.9)	-0.3	(1.1)	32.1	(0.8)	34.3	(1.2)	-2.2	(1.5)	0.8	0.03	(0.07)
	Bulgaria	19.0	(1.4)	12.6	(1.4)	6.4	(1.9)	36.0	(1.5)	41.5	(1.5)	-5.6	(2.2)	-2.8	-0.12	(0.11)
	Chile	9.5	(1.0)	7.6	(0.6)	1.9	(1.3)	20.5	(1.5)	22.2	(1.0)	-1.7	(1.8)	1.7	0.10	(0.11)
	Colombia	17.4	(0.9)	15.2	(1.1)	2.2	(1.4)	36.1	(1.0)	37.4	(1.4)	-1.3	(1.8)	2.8	0.12	(0.10)
	Croatia	8.3	(0.6)	6.9	(0.7)	1.4	(0.9)	31.9	(1.2)	37.7	(1.1)	-5.8	(1.6)	-2.0	-0.09	(0.09)
	Estonia	6.6	(0.6)	9.3	(0.8)	-2.7	(1.0)	19.1	(0.9)	34.4	(1.8)	-15.3	(2.2)	-14.7	-0.77	(0.15)
	Hong Kong-China	a	a	30.1	(1.1)	a	a	a	a	52.1	(1.2)	a	a	a	a	a
	Indonesia	17.3	(0.9)	17.7	(2.4)	-0.4	(2.4)	32.9	(1.0)	38.7	(3.3)	-5.9	(3.5)	-0.5	-0.02	(0.14)
	Israel	16.4	(1.0)	14.3	(1.4)	2.1	(1.8)	50.7	(1.8)	54.6	(2.1)	-3.8	(2.8)	-2.9	-0.12	(0.11)
	Jordan	24.7	(1.2)	17.8	(1.1)	6.9	(1.7)	48.3	(1.2)	47.6	(1.3)	0.7	(1.9)	-0.5	-0.02	(0.09)
	Kyrgyzstan	32.8	(1.1)	25.4	(2.6)	7.4	(2.8)	49.1	(1.1)	44.9	(2.5)	4.2	(2.7)	4.2	0.17	(0.11)
	Latvia	18.0	(0.9)	15.2	(1.2)	2.9	(1.5)	39.7	(1.3)	47.6	(1.9)	-7.9	(2.1)	-1.1	-0.05	(0.08)
	Liechtenstein	2.3	(0.8)	a	a	a	a	16.9	(2.2)	a	a	a	a	a	a	a
	Lithuania	6.9	(0.6)	6.2	(0.8)	0.7	(1.0)	19.5	(1.0)	29.7	(1.5)	-10.2	(1.8)	-2.2	-0.13	(0.12)
	Macao-China	21.9	(1.5)	18.9	(0.8)	2.9	(1.7)	40.3	(1.7)	38.9	(0.9)	1.4	(2.0)	2.1	0.09	(0.08)
	Montenegro	17.1	(0.8)	18.1	(1.3)	-0.9	(1.5)	44.6	(0.9)	53.0	(1.6)	-8.4	(1.9)	-7.3	-0.29	(0.08)
	Qatar	22.8	(0.7)	21.6	(1.2)	1.2	(1.4)	48.7	(0.8)	47.4	(1.4)	1.2	(1.5)	-0.6	-0.02	(0.06)
	Romania	17.6	(1.1)	13.3	(2.2)	4.3	(2.6)	38.7	(1.5)	38.3	(2.3)	0.4	(2.9)	-0.9	-0.04	(0.15)
Russian Federation	13.1	(0.8)	12.2	(0.8)	0.9	(1.1)	30.7	(1.6)	32.3	(1.6)	-1.5	(2.3)	2.7	0.12	(0.08)	
Serbia	9.9	(0.7)	7.0	(0.8)	2.8	(1.1)	40.2	(1.5)	48.1	(1.6)	-7.9	(2.3)	-3.1	-0.12	(0.09)	
Slovenia	5.5	(0.4)	4.2	(0.6)	1.3	(0.7)	29.8	(0.7)	33.7	(1.3)	-3.9	(1.6)	-3.4	-0.16	(0.07)	
Chinese Taipei	33.7	(1.3)	43.9	(1.2)	-10.2	(1.9)	50.5	(1.6)	60.3	(1.1)	-9.7	(2.2)	-2.9	-0.12	(0.08)	
Thailand	29.5	(1.0)	36.5	(3.0)	-6.9	(3.1)	42.0	(1.3)	50.8	(3.0)	-8.8	(3.3)	0.4	-0.02	(0.11)	
Tunisia	19.5	(1.0)	18.2	(2.2)	1.3	(2.5)	42.6	(1.2)	56.1	(3.7)	-13.5	(3.9)	-9.3	0.37	(0.16)	
Uruguay	11.7	(0.9)	12.4	(0.8)	-0.7	(1.2)	36.0	(1.5)	40.0	(1.3)	-4.0	(2.1)	0.7	0.03	(0.08)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 3.20 Percentage of students by different types of out-of-school-time lessons, by school location
[Part 4/5]

		Proportion of students participating in out-of-school lessons with school teachers														
		One-to-one lessons							Small group lessons							
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		
								Difference (rural-city)	Increase in the logit of participating in out-of-school- time lessons by being in rural area							
		%	S.E.	%	S.E.	Dif.	S.E.	Dif. in %	Logistic regression coefficient	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD	Australia	7.9	(0.6)	6.0	(0.4)	1.9	(0.7)	1.4	0.23	(0.11)	8.4	(0.7)	6.5	(0.4)	1.9	(0.8)
	Austria	6.0	(0.6)	4.2	(0.8)	1.8	(1.0)	1.2	0.29	(0.17)	14.0	(1.1)	11.2	(1.4)	2.8	(1.8)
	Belgium	6.8	(0.4)	8.2	(1.1)	-1.4	(1.1)	-1.3	-0.19	(0.15)	7.3	(0.5)	9.9	(1.3)	-2.5	(1.4)
	Canada	12.5	(0.5)	12.2	(0.7)	0.4	(0.9)	-0.1	-0.01	(0.09)	10.8	(0.5)	9.9	(0.7)	0.9	(0.8)
	Czech Republic	15.1	(0.8)	10.1	(1.4)	5.1	(1.6)	0.8	0.07	(0.20)	11.9	(0.8)	7.4	(0.9)	4.5	(1.1)
	Denmark	4.9	(0.4)	6.4	(1.6)	-1.5	(1.7)	-1.9	-0.39	(0.28)	7.7	(0.5)	8.3	(1.5)	-0.6	(1.7)
	Finland	8.7	(0.7)	5.9	(0.8)	2.8	(1.1)	2.3	0.34	(0.18)	9.7	(0.6)	8.6	(0.8)	1.1	(1.0)
	France	a	a	7.0	(0.6)	a	a	0.0	0.00	(0.00)	a	a	17.9	(0.7)	a	a
	Germany	5.1	(0.4)	7.3	(1.4)	-2.2	(1.5)	-2.1	-0.38	(0.22)	7.1	(0.7)	9.6	(1.4)	-2.5	(1.7)
	Greece	14.3	(1.1)	8.3	(0.9)	5.9	(1.6)	4.3	0.44	(0.16)	15.8	(1.1)	13.2	(1.2)	2.6	(1.6)
	Hungary	14.2	(0.9)	15.5	(1.4)	-1.3	(1.7)	-2.1	-0.16	(0.13)	12.9	(1.1)	12.7	(1.0)	0.2	(1.5)
	Iceland	10.8	(0.6)	10.2	(0.8)	0.6	(1.0)	0.2	0.02	(0.12)	15.1	(0.7)	13.3	(1.0)	1.8	(1.1)
	Ireland	7.1	(0.7)	6.8	(0.7)	0.3	(1.0)	-0.7	-0.11	(0.15)	8.8	(0.7)	9.5	(1.1)	-0.6	(1.4)
	Italy	a	a	a	a	a	a	a	a	a	35.8	(0.9)	37.3	(1.4)	-1.5	(1.6)
	Japan	3.7	(0.6)	3.8	(0.4)	-0.1	(0.7)	-0.7	-0.20	(0.20)	6.7	(0.7)	6.6	(0.5)	0.2	(1.0)
	Korea	8.4	(1.1)	9.7	(0.5)	-1.3	(1.3)	-2.0	-0.25	(0.18)	16.3	(1.4)	16.8	(0.7)	-0.5	(1.1)
	Luxembourg	13.5	(0.5)	17.1	(2.0)	-3.6	(2.1)	-4.2	-0.33	(0.16)	14.2	(0.5)	18.3	(1.8)	-4.1	(1.9)
	Mexico	22.6	(1.4)	12.1	(0.6)	10.5	(1.6)	1.9	0.14	(0.09)	23.2	(1.0)	12.1	(0.6)	11.2	(1.2)
	Netherlands	7.9	(0.6)	6.4	(1.0)	1.5	(1.1)	1.1	0.17	(0.17)	9.5	(0.7)	6.4	(0.9)	3.0	(1.1)
	New Zealand	10.4	(1.4)	8.0	(0.8)	2.4	(1.7)	1.5	0.19	(0.26)	9.7	(1.0)	9.7	(0.9)	-0.0	(1.4)
Norway	8.3	(0.5)	10.3	(1.1)	-2.0	(1.3)	-3.0	-0.35	(0.15)	12.0	(0.6)	11.6	(1.5)	0.4	(1.7)	
Poland	15.3	(0.7)	12.8	(1.2)	2.5	(1.4)	0.8	0.06	(0.14)	24.0	(0.9)	20.4	(1.5)	3.6	(1.7)	
Portugal	22.1	(1.1)	21.5	(1.7)	0.6	(1.9)	-4.7	-0.27	(0.11)	32.3	(1.3)	30.3	(2.2)	2.0	(2.5)	
Slovak Republic	32.2	(1.4)	19.5	(3.1)	12.8	(3.6)	9.6	0.49	(0.25)	19.1	(1.1)	11.4	(1.9)	7.7	(2.1)	
Spain	8.3	(0.5)	9.0	(0.9)	-0.7	(1.0)	-1.4	-0.19	(0.12)	10.9	(0.5)	10.7	(0.8)	0.2	(1.0)	
Sweden	8.7	(0.7)	9.0	(1.0)	-0.3	(1.2)	-0.2	-0.02	(0.14)	14.5	(0.6)	13.6	(1.5)	0.9	(1.7)	
Switzerland	6.7	(0.4)	6.3	(0.8)	0.4	(0.9)	-0.4	-0.07	(0.15)	10.3	(0.4)	9.2	(1.0)	1.1	(1.1)	
Turkey	8.4	(1.0)	6.8	(0.6)	1.5	(1.2)	0.2	0.03	(0.14)	11.4	(0.9)	7.2	(0.6)	4.2	(1.1)	
United Kingdom	9.9	(0.4)	13.5	(1.0)	-3.6	(1.0)	-2.4	-0.24	(0.09)	17.3	(0.9)	18.1	(1.2)	-0.8	(1.6)	
United States	19.7	(1.0)	27.4	(2.4)	-7.7	(2.7)	-7.5	-0.42	(0.12)	16.9	(1.0)	22.9	(1.9)	-6.0	(2.1)	
OECD average	11.4	(0.2)	10.4	(0.2)	0.9	(0.3)	-0.3	-0.04	(0.03)	14.3	(0.2)	13.4	(0.2)	1.1	(0.3)	
Partners	Argentina	11.7	(1.4)	9.0	(1.1)	2.7	(1.9)	1.1	0.12	(0.21)	15.3	(1.4)	8.4	(1.3)	6.9	(2.0)
	Azerbaijan	39.0	(1.6)	38.8	(1.6)	0.2	(2.3)	3.8	0.16	(0.11)	36.9	(1.5)	38.4	(1.9)	-1.5	(2.4)
	Brazil	14.0	(0.8)	12.7	(0.8)	1.3	(1.1)	0.7	0.06	(0.10)	25.5	(1.0)	20.9	(1.1)	4.6	(1.4)
	Bulgaria	26.7	(1.9)	13.5	(1.6)	13.2	(2.4)	4.4	0.28	(0.15)	22.7	(1.5)	12.8	(1.2)	9.9	(1.9)
	Chile	9.6	(0.8)	7.6	(0.6)	2.0	(1.1)	0.7	0.09	(0.14)	18.0	(1.2)	15.1	(1.1)	2.9	(1.6)
	Colombia	19.2	(1.8)	10.1	(1.1)	9.1	(2.1)	5.8	0.48	(0.24)	25.1	(1.8)	14.5	(1.6)	10.6	(2.4)
	Croatia	15.2	(0.7)	9.7	(0.8)	5.5	(1.1)	2.4	0.22	(0.12)	12.4	(0.7)	9.0	(0.8)	3.4	(1.0)
	Estonia	18.6	(1.0)	18.1	(1.9)	0.5	(2.2)	-5.1	-0.33	(0.17)	15.0	(0.9)	10.6	(1.1)	4.4	(1.5)
	Hong Kong-China	a	a	5.9	(0.4)	a	a	a	a	a	a	a	16.9	(0.8)	a	a
	Indonesia	35.5	(1.9)	13.3	(3.0)	22.2	(3.1)	13.8	0.74	(0.27)	29.4	(1.4)	13.3	(3.5)	16.1	(3.3)
	Israel	22.6	(1.4)	18.3	(1.9)	4.4	(2.4)	3.7	0.24	(0.16)	22.5	(1.3)	19.1	(1.6)	3.4	(2.1)
	Jordan	29.8	(1.5)	23.8	(1.5)	6.0	(2.3)	2.4	0.12	(0.13)	34.6	(1.3)	27.2	(1.3)	7.4	(1.9)
	Kyrgyzstan	67.5	(1.1)	43.5	(3.8)	24.0	(4.1)	13.0	0.55	(0.20)	46.5	(1.3)	30.4	(2.4)	16.1	(2.7)
	Latvia	39.2	(1.5)	25.4	(1.7)	13.8	(2.2)	7.1	0.33	(0.13)	28.6	(1.3)	19.4	(1.7)	9.1	(2.0)
	Liechtenstein	5.9	(1.3)	a	a	a	a	a	a	a	7.8	(1.3)	a	a	a	a
	Lithuania	11.9	(0.7)	12.0	(1.1)	-0.1	(1.2)	-1.3	-0.13	(0.15)	19.7	(1.0)	14.3	(1.3)	5.4	(1.6)
	Macao-China	14.5	(1.1)	14.2	(0.7)	0.3	(1.3)	-0.4	-0.03	(0.11)	27.4	(1.3)	21.8	(0.8)	5.7	(1.5)
	Montenegro	27.1	(0.8)	21.4	(1.1)	5.7	(1.3)	3.7	0.21	(0.08)	18.9	(0.7)	15.6	(1.1)	3.3	(1.4)
	Qatar	33.6	(0.7)	32.6	(1.2)	1.0	(1.4)	-4.4	-0.20	(0.07)	28.5	(0.6)	29.6	(1.3)	-1.1	(1.5)
	Romania	29.8	(1.3)	24.1	(2.5)	5.7	(2.9)	0.1	0.00	(0.17)	27.5	(1.6)	21.3	(1.7)	6.1	(2.5)
Russian Federation	33.5	(1.3)	26.8	(1.1)	6.8	(1.7)	4.7	0.22	(0.08)	35.4	(1.5)	25.9	(1.4)	9.6	(2.0)	
Serbia	11.9	(1.0)	7.9	(0.9)	4.0	(1.4)	2.3	0.27	(0.17)	14.2	(0.9)	9.3	(0.9)	4.9	(1.3)	
Slovenia	9.8	(0.6)	7.2	(0.6)	2.6	(0.9)	1.3	0.17	(0.12)	9.6	(0.6)	7.7	(0.7)	2.0	(0.9)	
Chinese Taipei	17.1	(1.2)	13.0	(0.9)	4.2	(1.8)	0.4	0.04	(0.13)	27.7	(1.5)	20.2	(1.0)	7.5	(2.1)	
Thailand	22.5	(0.9)	16.9	(1.5)	5.5	(1.9)	2.0	0.13	(0.12)	28.5	(1.2)	22.2	(1.6)	6.3	(2.1)	
Tunisia	43.7	(1.5)	37.4	(3.9)	6.3	(4.3)	5.8	0.24	(0.21)	34.5	(1.3)	24.3	(2.7)	10.2	(3.0)	
Uruguay	10.2	(1.2)	8.7	(0.7)	1.5	(1.5)	1.3	0.15	(0.19)	10.1	(0.8)	7.5	(0.8)	2.6	(1.1)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 3.20 Percentage of students by different types of out-of-school-time lessons, by school location
[Part 5/5]

		Proportion of students participating in out-of-school lessons with school teachers														
		Large group lessons						At least one of these types of out-of-school lessons						If students' ESCS was equal to the national average ESCS, and schools' average ESCS was equal to the national average of schools' average ESCS		
		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)		Rural (fewer than 100 000 people)		City (over 100 000 people)		Difference (rural-city)				
		%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	Dif.	S.E.			Dif. in %
														S.E.		
OECD	Australia	9.6	(0.6)	7.3	(0.4)	2.3	(0.7)	15.9	(1.0)	12.9	(0.6)	3.1	(1.1)	2.3	0.19	(0.08)
	Austria	16.6	(1.2)	13.6	(1.4)	3.1	(2.0)	24.9	(1.5)	20.0	(1.9)	4.9	(2.5)	4.0	0.23	(0.13)
	Belgium	5.9	(0.3)	6.4	(0.9)	-0.5	(1.0)	13.6	(0.5)	16.3	(1.6)	-2.6	(1.7)	-2.4	-0.19	(0.09)
	Canada	11.7	(0.6)	10.6	(0.6)	1.1	(0.7)	21.8	(0.7)	20.6	(0.9)	1.1	(1.0)	0.2	0.01	(0.07)
	Czech Republic	14.5	(0.9)	7.9	(1.5)	6.6	(1.7)	24.9	(1.2)	16.0	(1.8)	8.9	(2.1)	4.0	0.24	(0.14)
	Denmark	8.2	(0.6)	5.2	(1.2)	3.0	(1.4)	13.8	(0.8)	12.5	(2.1)	1.3	(2.4)	1.1	0.10	(0.27)
	Finland	12.0	(0.6)	12.8	(1.1)	-0.8	(1.3)	18.3	(0.8)	17.9	(1.3)	0.4	(1.5)	-1.2	-0.08	(0.14)
	France	a	a	10.4	(0.5)	a	a	a	a	23.9	(0.8)	a	a	a	a	a
	Germany	9.9	(0.8)	11.4	(1.5)	-1.5	(1.8)	16.6	(0.9)	19.5	(2.1)	-2.8	(2.5)	-2.8	-0.19	(0.10)
	Greece	10.8	(1.0)	7.8	(1.0)	3.0	(1.4)	23.7	(1.4)	19.6	(1.5)	4.2	(2.1)	1.1	0.06	(0.12)
	Hungary	16.0	(1.0)	15.6	(1.2)	0.4	(1.6)	29.3	(1.5)	29.6	(1.8)	-0.3	(2.4)	-1.4	-0.07	(0.10)
	Iceland	13.2	(0.7)	16.0	(1.0)	-2.8	(1.1)	27.4	(0.9)	26.6	(1.1)	0.9	(1.3)	1.9	0.10	(0.08)
	Ireland	10.1	(0.7)	9.4	(1.3)	0.7	(1.6)	17.4	(1.0)	15.7	(1.5)	1.7	(1.9)	-0.7	-0.05	(0.09)
	Italy	25.6	(0.8)	26.4	(1.2)	-0.8	(1.5)	45.0	(0.9)	47.5	(1.7)	-2.5	(1.8)	-1.8	-0.07	(0.07)
	Japan	31.1	(2.0)	30.1	(1.5)	1.0	(2.4)	35.5	(1.9)	34.6	(1.6)	0.9	(2.5)	-2.0	-0.09	(0.12)
	Korea	42.0	(3.3)	35.2	(1.5)	6.9	(3.6)	54.3	(2.9)	49.7	(1.3)	4.6	(3.2)	6.8	0.27	(0.16)
	Luxembourg	9.8	(0.5)	11.0	(1.3)	-1.2	(1.3)	24.9	(0.6)	29.6	(2.1)	-4.6	(2.1)	-5.6	-0.28	(0.13)
	Mexico	31.4	(1.2)	16.2	(0.6)	15.2	(1.4)	41.8	(1.4)	24.8	(0.9)	17.0	(1.7)	3.1	0.14	(0.09)
	Netherlands	7.7	(0.6)	5.6	(0.7)	2.2	(0.9)	16.8	(1.0)	11.8	(1.2)	5.0	(1.5)	4.6	0.38	(0.12)
	New Zealand	9.1	(0.8)	9.1	(0.7)	-0.0	(1.1)	19.3	(1.7)	16.4	(1.1)	2.9	(2.1)	1.5	0.11	(0.09)
	Norway	17.7	(0.8)	15.1	(1.5)	2.5	(1.7)	24.1	(0.9)	22.6	(1.5)	1.5	(1.8)	-0.3	-0.02	(0.12)
	Poland	28.0	(1.1)	22.5	(1.4)	5.5	(1.8)	42.9	(1.2)	35.9	(1.9)	7.0	(2.2)	0.6	0.02	(0.11)
	Portugal	25.2	(1.3)	19.0	(2.0)	6.3	(2.5)	48.7	(1.5)	44.6	(3.0)	4.0	(3.5)	-6.6	-0.26	(0.15)
	Slovak Republic	25.1	(1.3)	15.9	(3.2)	9.2	(3.7)	40.4	(1.5)	26.9	(4.0)	13.5	(4.5)	10.2	0.45	(0.19)
	Spain	9.9	(0.6)	9.6	(0.8)	0.3	(1.0)	18.4	(0.8)	19.0	(1.1)	-0.6	(1.4)	-2.5	-0.16	(0.07)
	Sweden	21.4	(0.8)	19.3	(1.0)	2.0	(1.2)	27.1	(0.9)	24.6	(1.5)	2.6	(1.7)	0.8	0.04	(0.11)
	Switzerland	14.9	(0.7)	9.2	(1.2)	5.7	(1.5)	23.2	(0.8)	18.1	(1.6)	5.2	(2.0)	2.1	0.13	(0.09)
	Turkey	14.9	(1.2)	10.7	(0.9)	4.1	(1.5)	22.6	(1.5)	16.9	(1.2)	5.7	(2.0)	3.3	0.21	(0.10)
United Kingdom	18.4	(0.9)	21.4	(1.5)	-3.0	(1.9)	30.5	(1.2)	33.5	(1.7)	-3.0	(2.2)	-0.2	-0.01	(0.08)	
United States	16.0	(0.9)	21.8	(2.4)	-5.8	(2.6)	29.1	(1.2)	38.3	(2.7)	-9.2	(3.0)	-8.9	-0.40	(0.11)	
OECD average	16.8	(0.2)	14.4	(0.2)	2.2	(0.3)	27.3	(0.2)	24.9	(0.3)	2.4	(0.4)	0.5	0.03	(0.02)	
Partners	Argentina	13.4	(1.4)	8.0	(1.2)	5.4	(1.9)	23.2	(1.9)	15.5	(1.8)	7.7	(2.7)	3.8	0.25	(0.09)
	Azerbaijan	49.2	(1.6)	45.5	(2.8)	3.7	(3.3)	67.5	(1.7)	67.9	(2.1)	-0.4	(2.8)	1.0	0.04	(0.13)
	Brazil	21.5	(1.0)	18.7	(1.1)	2.8	(1.5)	36.6	(1.1)	30.9	(1.2)	5.7	(1.5)	4.1	0.19	(0.07)
	Bulgaria	26.8	(1.6)	15.5	(1.5)	11.3	(2.2)	40.2	(2.2)	25.3	(1.6)	14.9	(2.7)	7.0	0.31	(0.11)
	Chile	18.9	(1.2)	17.0	(1.0)	1.9	(1.7)	29.1	(1.7)	26.2	(1.4)	2.9	(2.3)	-1.1	-0.06	(0.11)
	Colombia	24.3	(1.4)	13.7	(1.4)	10.5	(1.9)	36.1	(1.7)	21.8	(1.7)	14.4	(2.4)	6.7	0.33	(0.10)
	Croatia	13.3	(0.8)	9.7	(1.0)	3.6	(1.3)	24.4	(1.1)	17.3	(1.3)	7.1	(1.7)	3.0	0.18	(0.09)
	Estonia	20.6	(0.9)	13.6	(1.2)	7.0	(1.5)	33.9	(1.3)	27.6	(2.1)	6.3	(2.6)	-1.6	-0.07	(0.15)
	Hong Kong-China	a	a	42.0	(1.3)	a	a	a	a	48.6	(1.3)	a	a	a	a	a
	Indonesia	38.8	(1.8)	16.4	(3.2)	22.4	(3.4)	57.4	(2.1)	25.4	(5.2)	32.0	(5.2)	23.5	0.97	(0.14)
	Israel	21.4	(1.1)	19.0	(1.5)	2.4	(1.9)	37.9	(1.6)	32.0	(1.8)	5.9	(2.5)	5.3	0.23	(0.11)
	Jordan	43.2	(1.2)	37.4	(1.5)	5.8	(1.9)	59.2	(1.4)	52.7	(1.9)	6.4	(2.3)	2.5	0.10	(0.09)
	Kyrgyzstan	55.9	(1.4)	37.0	(3.2)	18.9	(3.7)	82.0	(1.2)	60.2	(4.1)	21.8	(4.4)	9.2	0.52	(0.11)
	Latvia	33.0	(1.6)	21.0	(1.4)	12.0	(2.1)	55.4	(1.7)	40.5	(1.8)	14.9	(2.4)	7.2	0.29	(0.08)
	Liechtenstein	10.1	(1.6)	a	a	a	a	16.6	(2.0)	a	a	a	a	a	a	a
	Lithuania	20.9	(1.0)	17.0	(1.4)	4.0	(1.8)	37.3	(1.2)	29.8	(1.8)	7.6	(2.1)	3.9	0.17	(0.12)
	Macao-China	35.8	(1.6)	34.8	(0.8)	1.0	(1.7)	49.4	(1.5)	46.2	(0.9)	3.2	(1.8)	1.6	0.07	(0.08)
	Montenegro	23.8	(0.7)	17.7	(1.3)	6.1	(1.4)	37.3	(0.9)	29.7	(1.3)	7.6	(1.5)	5.2	0.24	(0.08)
	Qatar	29.2	(0.7)	28.6	(1.3)	0.6	(1.5)	44.9	(0.7)	44.4	(1.4)	0.5	(1.6)	-4.8	-0.19	(0.06)
	Romania	27.0	(1.6)	16.8	(2.6)	10.2	(3.2)	46.1	(1.8)	34.1	(2.7)	12.0	(3.5)	3.0	0.12	(0.15)
	Russian Federation	42.4	(1.8)	28.1	(1.4)	14.3	(2.4)	63.1	(1.7)	49.7	(1.5)	13.4	(2.3)	11.5	0.47	(0.08)
	Serbia	15.8	(1.0)	12.9	(1.2)	2.9	(1.5)	26.2	(1.2)	19.7	(1.3)	6.5	(1.8)	2.7	0.15	(0.09)
Slovenia	12.8	(0.6)	9.7	(0.7)	3.2	(0.9)	22.3	(0.7)	16.6	(1.0)	5.7	(1.2)	4.0	0.26	(0.07)	
Chinese Taipei	40.9	(1.4)	32.0	(1.1)	8.9	(2.0)	52.4	(1.6)	41.2	(1.3)	11.2	(2.3)	4.9	0.20	(0.08)	
Thailand	39.9	(1.5)	36.5	(1.7)	3.4	(2.4)	48.4	(1.5)	44.4	(1.9)	4.0	(2.5)	7.2	0.29	(0.11)	
Tunisia	31.7	(1.1)	24.6	(2.8)	7.1	(3.2)	55.2	(1.4)	48.7	(3.8)	6.5	(4.2)	1.5	0.06	(0.16)	
Uruguay	8.5	(0.8)	9.0	(0.7)	-0.6	(1.0)	17.9	(1.4)	16.2	(1.0)	1.7	(1.8)	0.1	0.01	(0.08)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.1a Performance in science, mathematics and reading and learning time in science, in mathematics and on the language of instruction

	Performance						Mean learning hours per week													
							Science						Mathematics							
	Science		Mathematics		Reading		Regular school lessons		Out-of-school-time lessons		Individual study		Regular school lessons		Out-of-school-time lessons		Individual study			
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.		
OECD																				
Australia	527	(2.3)	520	(2.2)	513	(2.1)	3.24	(0.0)	0.36	(0.0)	1.17	(0.0)	4.10	(0.0)	0.75	(0.0)	1.79	(0.0)		
Austria	511	(3.9)	505	(3.7)	490	(4.1)	2.47	(0.1)	0.21	(0.0)	1.28	(0.0)	3.22	(0.0)	0.51	(0.0)	2.13	(0.0)		
Belgium	510	(2.5)	520	(3.0)	501	(3.0)	2.63	(0.0)	0.32	(0.0)	1.25	(0.0)	3.58	(0.0)	0.55	(0.0)	1.79	(0.0)		
Canada	534	(2.0)	527	(2.0)	527	(2.4)	4.00	(0.0)	0.55	(0.0)	1.55	(0.0)	4.50	(0.0)	0.94	(0.0)	1.97	(0.0)		
Czech Republic	513	(3.5)	510	(3.6)	483	(4.2)	2.93	(0.1)	0.54	(0.0)	1.00	(0.0)	4.00	(0.0)	0.76	(0.0)	1.32	(0.0)		
Denmark	496	(3.1)	513	(2.6)	494	(3.2)	3.21	(0.0)	0.77	(0.0)	1.09	(0.0)	4.44	(0.0)	1.36	(0.0)	1.74	(0.0)		
Finland	563	(2.0)	548	(2.3)	547	(2.1)	3.13	(0.0)	0.32	(0.0)	1.07	(0.0)	3.45	(0.0)	0.37	(0.0)	1.20	(0.0)		
France	495	(3.4)	496	(3.2)	488	(4.1)	2.85	(0.1)	0.55	(0.0)	1.31	(0.0)	3.84	(0.0)	0.93	(0.0)	1.74	(0.0)		
Germany	516	(3.8)	504	(3.9)	495	(4.4)	3.06	(0.0)	0.51	(0.0)	1.71	(0.0)	3.88	(0.0)	0.82	(0.0)	2.27	(0.0)		
Greece	473	(3.2)	459	(3.0)	460	(4.0)	3.18	(0.1)	1.99	(0.0)	1.85	(0.0)	3.45	(0.0)	2.23	(0.1)	2.01	(0.0)		
Hungary	504	(2.7)	491	(2.9)	482	(3.3)	2.51	(0.0)	1.00	(0.0)	1.60	(0.0)	3.29	(0.0)	1.29	(0.0)	1.84	(0.0)		
Iceland	491	(1.6)	506	(1.8)	484	(1.9)	2.97	(0.0)	0.29	(0.0)	1.16	(0.0)	4.74	(0.0)	0.72	(0.0)	1.71	(0.0)		
Ireland	508	(3.2)	501	(2.8)	517	(3.5)	2.54	(0.0)	0.32	(0.0)	1.20	(0.0)	3.66	(0.0)	0.72	(0.0)	1.76	(0.0)		
Italy	475	(2.0)	462	(2.3)	469	(2.4)	2.91	(0.1)	0.58	(0.0)	2.10	(0.0)	3.74	(0.0)	0.89	(0.0)	2.48	(0.0)		
Japan	531	(3.4)	523	(3.3)	498	(3.6)	2.70	(0.1)	1.26	(0.0)	0.69	(0.0)	4.24	(0.1)	0.71	(0.0)	1.48	(0.1)		
Korea	522	(3.4)	547	(3.8)	556	(3.8)	3.58	(0.1)	1.02	(0.0)	1.22	(0.1)	4.70	(0.0)	2.28	(0.0)	2.31	(0.1)		
Luxembourg	486	(1.1)	490	(1.1)	479	(1.3)	2.33	(0.0)	0.50	(0.0)	1.25	(0.0)	3.86	(0.0)	0.83	(0.0)	1.71	(0.0)		
Mexico	410	(2.7)	406	(2.9)	410	(3.1)	3.15	(0.0)	1.01	(0.0)	2.12	(0.0)	3.94	(0.0)	1.18	(0.0)	2.26	(0.0)		
Netherlands	525	(2.7)	531	(2.6)	507	(2.9)	2.17	(0.0)	0.54	(0.0)	1.21	(0.0)	2.87	(0.0)	0.69	(0.0)	1.47	(0.0)		
New Zealand	530	(2.7)	522	(2.4)	521	(3.0)	4.06	(0.0)	0.41	(0.0)	1.28	(0.0)	4.38	(0.0)	0.68	(0.0)	1.59	(0.0)		
Norway	487	(3.1)	490	(2.6)	484	(3.2)	2.64	(0.0)	0.93	(0.0)	1.23	(0.0)	3.39	(0.0)	1.05	(0.0)	1.40	(0.0)		
Poland	498	(2.3)	495	(2.4)	508	(2.8)	2.72	(0.0)	0.62	(0.0)	2.02	(0.0)	4.36	(0.0)	0.78	(0.0)	2.09	(0.0)		
Portugal	474	(3.0)	466	(3.1)	472	(3.6)	3.21	(0.0)	0.63	(0.0)	2.09	(0.0)	3.61	(0.0)	0.81	(0.0)	1.96	(0.0)		
Slovak Republic	488	(2.6)	492	(2.8)	466	(3.1)	2.46	(0.1)	0.65	(0.0)	1.39	(0.0)	3.29	(0.1)	0.88	(0.0)	1.69	(0.0)		
Spain	488	(2.6)	480	(2.3)	461	(2.2)	3.12	(0.0)	0.68	(0.0)	1.74	(0.0)	3.42	(0.0)	0.99	(0.0)	1.96	(0.0)		
Sweden	503	(2.4)	502	(2.4)	507	(3.4)	2.81	(0.0)	0.50	(0.0)	1.15	(0.0)	3.09	(0.0)	0.61	(0.0)	1.18	(0.0)		
Switzerland	512	(3.2)	530	(3.2)	499	(3.1)	2.36	(0.0)	0.39	(0.0)	1.12	(0.0)	3.86	(0.0)	0.70	(0.0)	1.69	(0.0)		
Turkey	424	(3.8)	424	(4.9)	447	(4.2)	2.86	(0.1)	1.35	(0.1)	1.64	(0.0)	3.82	(0.1)	2.08	(0.0)	2.31	(0.0)		
United Kingdom	515	(2.3)	495	(2.1)	495	(2.3)	4.25	(0.0)	0.48	(0.0)	1.45	(0.0)	3.78	(0.0)	0.63	(0.0)	1.49	(0.0)		
United States	489	(4.2)	474	(4.0)	m	m	3.51	(0.1)	0.78	(0.0)	1.68	(0.0)	3.77	(0.0)	1.15	(0.0)	2.05	(0.0)		
OECD average	500	(0.5)	498	(0.5)	492	(0.6)	2.99	(0.0)	0.64	(0.0)	1.42	(0.0)	3.81	(0.0)	0.96	(0.0)	1.81	(0.0)		
Partners																				
Argentina	391	(6.1)	381	(6.2)	374	(7.2)	2.26	(0.1)	0.49	(0.0)	1.59	(0.0)	2.95	(0.1)	0.78	(0.0)	1.82	(0.0)		
Azerbaijan	382	(2.8)	476	(2.3)	353	(3.1)	2.84	(0.1)	1.36	(0.0)	2.64	(0.0)	3.79	(0.1)	1.70	(0.0)	2.95	(0.1)		
Brazil	390	(2.8)	370	(2.9)	393	(3.7)	2.21	(0.0)	0.79	(0.0)	1.70	(0.0)	3.15	(0.0)	1.21	(0.0)	1.80	(0.0)		
Bulgaria	434	(6.1)	413	(6.1)	402	(6.9)	2.63	(0.1)	0.98	(0.0)	2.00	(0.1)	2.98	(0.1)	1.14	(0.0)	2.08	(0.1)		
Chile	438	(4.3)	411	(4.6)	442	(5.0)	2.33	(0.1)	0.83	(0.0)	1.52	(0.0)	3.49	(0.1)	0.99	(0.0)	1.60	(0.0)		
Colombia	388	(3.4)	370	(3.8)	385	(5.1)	3.50	(0.1)	0.95	(0.0)	1.83	(0.0)	4.21	(0.1)	1.23	(0.0)	1.93	(0.0)		
Croatia	493	(2.4)	467	(2.4)	477	(2.8)	2.02	(0.0)	0.43	(0.0)	1.46	(0.0)	3.05	(0.0)	0.77	(0.0)	1.80	(0.0)		
Estonia	531	(2.5)	515	(2.7)	501	(2.9)	3.27	(0.0)	0.76	(0.0)	1.54	(0.0)	4.19	(0.0)	0.99	(0.0)	1.96	(0.0)		
Hong Kong-China	542	(2.5)	547	(2.7)	536	(2.4)	3.14	(0.1)	0.88	(0.0)	1.44	(0.0)	5.23	(0.0)	1.39	(0.0)	2.24	(0.0)		
Indonesia	393	(5.7)	391	(5.6)	393	(5.9)	3.23	(0.1)	1.04	(0.0)	1.78	(0.0)	4.09	(0.1)	1.36	(0.0)	1.99	(0.0)		
Israel	454	(3.7)	442	(4.3)	439	(4.6)	2.43	(0.1)	0.98	(0.0)	1.35	(0.0)	4.12	(0.0)	2.15	(0.0)	2.33	(0.1)		
Jordan	422	(2.8)	384	(3.3)	401	(3.3)	3.25	(0.1)	1.52	(0.0)	2.65	(0.0)	3.48	(0.0)	1.82	(0.0)	2.69	(0.0)		
Kyrgyzstan	322	(2.9)	311	(3.4)	285	(3.5)	2.09	(0.1)	1.36	(0.0)	2.14	(0.0)	2.88	(0.1)	1.55	(0.0)	2.22	(0.0)		
Latvia	490	(3.0)	486	(3.0)	479	(3.7)	2.86	(0.1)	0.65	(0.0)	1.80	(0.0)	4.49	(0.0)	1.20	(0.0)	2.44	(0.0)		
Liechtenstein	522	(4.1)	525	(4.2)	510	(3.9)	2.57	(0.1)	0.52	(0.1)	1.20	(0.1)	3.98	(0.1)	0.58	(0.0)	1.49	(0.1)		
Lithuania	488	(2.8)	486	(2.9)	470	(3.0)	2.69	(0.0)	0.57	(0.0)	1.69	(0.0)	3.50	(0.0)	0.74	(0.0)	1.78	(0.0)		
Macao-China	511	(1.1)	525	(1.3)	492	(1.1)	3.74	(0.0)	1.00	(0.0)	1.37	(0.0)	5.41	(0.0)	1.20	(0.0)	2.07	(0.0)		
Montenegro	412	(1.1)	399	(1.4)	392	(1.2)	2.83	(0.0)	1.05	(0.0)	2.20	(0.0)	3.09	(0.0)	0.93	(0.0)	2.03	(0.0)		
Qatar	349	(0.9)	318	(1.0)	312	(1.2)	2.66	(0.0)	1.48	(0.0)	2.04	(0.0)	3.11	(0.0)	1.85	(0.0)	2.22	(0.0)		
Romania	418	(4.2)	415	(4.2)	396	(4.7)	2.26	(0.1)	1.03	(0.0)	1.61	(0.0)	3.01	(0.1)	1.50	(0.0)	2.16	(0.0)		
Russian Federation	479	(3.7)	476	(3.9)	440	(4.3)	3.73	(0.1)	1.12	(0.0)	2.87	(0.1)	3.63	(0.1)	1.13	(0.0)	2.23	(0.0)		
Serbia	436	(3.0)	435	(3.5)	401	(3.5)	2.86	(0.1)	0.78	(0.0)	1.71	(0.0)	3.27	(0.0)	0.97	(0.0)	1.82	(0.0)		
Slovenia	519	(1.1)	504	(1.0)	494	(1.0)	2.82	(0.0)	0.72	(0.0)	1.53	(0.0)	3.33	(0.0)	1.02	(0.0)	1.92	(0.0)		
Chinese Taipei	532	(3.6)	549	(4.1)	496	(3.4)	2.89	(0.1)	0.78	(0.0)	1.24	(0.0)	4.26	(0.1)	1.53	(0.0)	1.88	(0.0)		
Thailand	421	(2.1)	417	(2.3)	417	(2.6)	3.81	(0.0)	0.91	(0.0)	1.80	(0.0)	3.77	(0.0)	0.92	(0.0)	1.81	(0.0)		
Tunisia	386	(3.0)	365	(4.0)	380	(4.0)	2.62	(0.0)	1.93	(0.0)	2.61	(0.0)	3.39	(0.0)	2.42	(0.0)	2.57	(0.0)		
Uruguay	428	(2.7)	427	(2.6)	413	(3.4)	2.40	(0.0)	0.61	(0.0)	1.32	(0.0)	3.31	(0.0)	0.84	(0.0)	1.57	(0.0)		

Table 4.1a Performance in science, mathematics and reading and learning time in science, in mathematics and on the language of instruction
[Part 2/2]

	Mean learning hours per week						Percentage of total learning time allocated to regular school lessons, by subject					
	Language of instruction						Science		Mathematics		Language of instruction	
	Regular school lessons		Out-of-school-time lessons		Individual study							
	Mean	S.E.	Mean	S.E.	Mean	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	4.06	(0.0)	0.66	(0.0)	1.71	(0.0)	70.9	(0.3)	65.8	(0.3)	67.1	(0.3)
Austria	2.87	(0.0)	0.24	(0.0)	1.55	(0.0)	64.1	(0.6)	58.5	(0.5)	65.5	(0.4)
Belgium	3.49	(0.0)	0.46	(0.0)	1.35	(0.0)	63.5	(0.4)	63.1	(0.3)	67.3	(0.3)
Canada	4.43	(0.0)	0.86	(0.0)	1.74	(0.0)	66.3	(0.4)	63.3	(0.3)	65.6	(0.3)
Czech Republic	3.72	(0.0)	0.61	(0.0)	1.16	(0.0)	68.7	(0.6)	70.3	(0.4)	71.6	(0.4)
Denmark	5.50	(0.0)	1.68	(0.0)	2.16	(0.0)	66.7	(0.5)	62.3	(0.3)	62.2	(0.3)
Finland	3.13	(0.0)	0.36	(0.0)	1.13	(0.0)	70.9	(0.4)	71.1	(0.3)	70.7	(0.4)
France	4.01	(0.0)	0.77	(0.0)	1.51	(0.0)	62.9	(0.5)	62.6	(0.3)	67.0	(0.4)
Germany	3.66	(0.0)	0.61	(0.0)	1.89	(0.0)	58.0	(0.5)	58.4	(0.3)	62.3	(0.4)
Greece	3.18	(0.0)	1.63	(0.0)	1.94	(0.0)	48.3	(0.6)	49.4	(0.5)	51.0	(0.5)
Hungary	3.18	(0.0)	1.31	(0.0)	1.86	(0.0)	51.5	(0.5)	54.3	(0.4)	53.2	(0.4)
Iceland	4.52	(0.0)	0.46	(0.0)	1.54	(0.0)	70.1	(0.4)	69.4	(0.3)	71.8	(0.3)
Ireland	3.55	(0.0)	0.63	(0.0)	1.75	(0.0)	66.2	(0.4)	63.6	(0.4)	64.3	(0.4)
Italy	4.62	(0.0)	0.79	(0.0)	2.95	(0.0)	54.0	(0.3)	55.0	(0.2)	57.2	(0.2)
Japan	3.82	(0.0)	0.43	(0.0)	0.94	(0.0)	78.4	(0.4)	71.7	(0.5)	78.1	(0.5)
Korea	4.48	(0.0)	1.45	(0.0)	1.40	(0.0)	67.4	(0.6)	57.0	(0.5)	66.4	(0.5)
Luxembourg	3.50	(0.0)	0.60	(0.0)	1.38	(0.0)	59.8	(0.4)	63.3	(0.3)	67.3	(0.3)
Mexico	3.73	(0.0)	1.10	(0.0)	2.06	(0.0)	48.5	(0.4)	54.5	(0.4)	55.1	(0.4)
Netherlands	2.92	(0.0)	0.64	(0.0)	1.33	(0.0)	56.4	(0.6)	60.0	(0.4)	63.0	(0.4)
New Zealand	4.39	(0.0)	0.65	(0.0)	1.57	(0.0)	73.1	(0.4)	69.6	(0.4)	70.2	(0.4)
Norway	3.60	(0.0)	1.16	(0.0)	1.44	(0.0)	59.6	(0.5)	62.2	(0.4)	62.2	(0.5)
Poland	4.64	(0.0)	0.70	(0.0)	2.22	(0.0)	53.2	(0.4)	62.5	(0.3)	63.5	(0.3)
Portugal	3.27	(0.0)	0.57	(0.0)	1.79	(0.0)	54.6	(0.5)	58.9	(0.4)	61.0	(0.4)
Slovak Republic	3.12	(0.1)	0.89	(0.0)	1.74	(0.0)	58.7	(0.6)	60.6	(0.5)	59.0	(0.5)
Spain	3.60	(0.0)	0.58	(0.0)	1.89	(0.0)	58.9	(0.3)	57.7	(0.3)	62.7	(0.3)
Sweden	3.12	(0.0)	0.68	(0.0)	1.26	(0.0)	66.7	(0.6)	68.1	(0.5)	66.7	(0.5)
Switzerland	3.65	(0.0)	0.49	(0.0)	1.40	(0.0)	62.1	(0.4)	63.6	(0.4)	67.5	(0.4)
Turkey	3.99	(0.1)	1.81	(0.0)	2.18	(0.0)	51.2	(0.5)	50.8	(0.4)	54.7	(0.6)
United Kingdom	3.89	(0.0)	0.59	(0.0)	1.59	(0.0)	70.7	(0.3)	67.1	(0.3)	67.6	(0.3)
United States	3.64	(0.0)	1.11	(0.0)	1.87	(0.0)	58.5	(0.5)	55.4	(0.5)	55.8	(0.6)
OECD average	3.78	(0.0)	0.82	(0.0)	1.68	(0.0)	62.0	(0.1)	61.7	(0.1)	63.9	(0.1)
Partners												
Argentina	2.39	(0.1)	0.43	(0.0)	1.64	(0.0)	53.1	(0.8)	55.0	(0.6)	55.2	(0.6)
Azerbaijan	3.69	(0.0)	1.80	(0.0)	3.10	(0.0)	43.1	(0.6)	47.1	(0.5)	44.9	(0.6)
Brazil	3.10	(0.0)	1.18	(0.0)	1.74	(0.0)	50.3	(0.4)	54.4	(0.5)	54.4	(0.4)
Bulgaria	2.91	(0.0)	1.09	(0.0)	2.05	(0.1)	48.8	(0.7)	51.2	(0.5)	51.8	(0.5)
Chile	3.45	(0.1)	1.00	(0.0)	1.56	(0.0)	49.0	(0.6)	56.8	(0.5)	57.4	(0.6)
Colombia	3.92	(0.1)	1.15	(0.0)	1.84	(0.0)	58.9	(0.6)	60.7	(0.6)	60.2	(0.6)
Croatia	3.33	(0.0)	0.39	(0.0)	1.58	(0.0)	54.5	(0.5)	58.3	(0.5)	66.8	(0.4)
Estonia	3.48	(0.0)	0.88	(0.0)	1.62	(0.0)	61.5	(0.5)	62.2	(0.4)	61.8	(0.5)
Hong Kong-China	5.19	(0.0)	0.81	(0.0)	1.64	(0.0)	61.0	(0.5)	62.6	(0.4)	70.9	(0.4)
Indonesia	3.64	(0.1)	1.25	(0.0)	1.80	(0.0)	54.6	(1.0)	57.2	(0.6)	56.3	(0.7)
Israel	3.03	(0.0)	1.33	(0.0)	1.66	(0.0)	54.4	(0.7)	51.4	(0.6)	54.0	(0.5)
Jordan	3.56	(0.1)	1.77	(0.0)	2.59	(0.0)	42.9	(0.6)	43.2	(0.5)	44.2	(0.6)
Kyrgyzstan	2.74	(0.1)	1.70	(0.0)	2.34	(0.0)	35.4	(0.6)	42.0	(0.5)	39.9	(0.5)
Latvia	3.69	(0.0)	0.88	(0.0)	2.01	(0.0)	56.1	(0.5)	58.2	(0.3)	59.2	(0.4)
Liechtenstein	3.66	(0.1)	0.32	(0.0)	1.24	(0.1)	61.8	(1.4)	66.7	(1.2)	69.8	(1.2)
Lithuania	3.66	(0.0)	0.66	(0.0)	1.82	(0.0)	57.1	(0.5)	60.7	(0.4)	62.3	(0.4)
Macao-China	5.32	(0.0)	1.06	(0.0)	1.49	(0.0)	64.7	(0.4)	66.2	(0.4)	71.4	(0.3)
Montenegro	2.93	(0.0)	0.75	(0.0)	1.99	(0.0)	46.8	(0.4)	52.5	(0.4)	53.0	(0.4)
Qatar	2.90	(0.0)	1.59	(0.0)	2.04	(0.0)	40.7	(0.3)	43.3	(0.3)	44.7	(0.3)
Romania	3.30	(0.1)	1.52	(0.0)	2.19	(0.0)	48.1	(0.6)	49.5	(0.6)	50.6	(0.6)
Russian Federation	2.04	(0.0)	0.82	(0.0)	1.55	(0.0)	48.6	(0.5)	53.9	(0.5)	48.2	(0.6)
Serbia	3.17	(0.0)	0.93	(0.0)	1.70	(0.0)	56.8	(0.5)	59.3	(0.5)	60.2	(0.5)
Slovenia	3.25	(0.0)	0.73	(0.0)	1.48	(0.0)	55.7	(0.4)	55.6	(0.3)	60.9	(0.4)
Chinese Taipei	4.37	(0.1)	0.69	(0.0)	1.77	(0.0)	63.7	(0.4)	59.7	(0.4)	66.1	(0.4)
Thailand	3.10	(0.0)	0.56	(0.0)	1.71	(0.0)	63.9	(0.4)	63.4	(0.4)	62.5	(0.4)
Tunisia	3.14	(0.1)	1.78	(0.0)	2.12	(0.0)	37.3	(0.4)	41.7	(0.4)	45.6	(0.7)
Uruguay	2.74	(0.0)	0.65	(0.0)	1.35	(0.0)	56.2	(0.5)	60.8	(0.4)	60.8	(0.5)

**Table 4.1b Cross-country relationship between absolute learning time and performance, by subject**

	Science	Mathematics	Reading
Intercept	304	110	182
Learning time in regular school lessons	87	138	112
Learning time in regular school lessons (squared)	-10	-11	-9
Explained variance in student performance	0.07	0.25	0.25
Intercept	573 **	607 **	503 **
Learning time in out-of-school-time lessons	-167 **	-192 *	-22
Learning time in out-of-school-time lessons (squared)	40	51	-22
Explained variance in student performance	0.41	0.23	0.29
Intercept	704 **	715 **	675 **
Learning time in individual study	-208 *	-196	-167
Learning time in individual study (squared)	37	34	24
Explained variance in student performance	0.42	0.14	0.28

Note: Values that are statistically significant are indicated by * at the 5% level ($p < 0.05$) or by ** at the 10% level ($p < 0.10$).

Table 4.1c Cross-country relationship between relative learning time and performance, by subject

	Science	Mathematics	Reading
Intercept	-74	-255	-277
Percentage of total learning time allocated to regular school lessons	15 **	19 *	19 **
Percentage of total learning time allocated to regular school lessons (squared)	-0.09 *	-0.12	-0.12 *
Explained variance in student performance	0.63	0.54	0.68
Intercept	552 **	573 **	480 **
Percentage of total learning time allocated to out-of-school-time lessons	-5	-8	4
Percentage of total learning time allocated to out-of-school-time lessons (squared)	-0.04	0.03	-0.38
Explained variance in student performance	0.44	0.35	0.45
Intercept	444 **	776 **	496 **
Percentage of total learning time allocated to individual study	9	-14	6
Percentage of total learning time allocated to individual study (squared)	-0.26	0.11	-0.26
Explained variance in student performance	0.40	0.31	0.46

Note: Values that are statistically significant are indicated by * at the 5% level ($p < 0.05$) or by ** at the 10% level ($p < 0.10$).

[Part 1/2]
Table 4.2a Performance in science, by learning time in regular school lessons in science

	Science performance for students who do not spend any time in regular school lessons in science		Difference in science performance between students who spend the following learning hours per week in regular school lessons in science and students who do not spend any time in regular school lessons in science																							
			Less than 2 hours per week				2 hours or more but less than 4 hours per week				4 hours or more but less than 6 hours per week				6 hours or more per week				Accounting for socio-economic background of students and schools							
			Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.						
OECD																										
Australia	484	(3.0)	-18.1	(4.4)	50.0	(3.7)	70.7	(3.8)	101.3	(6.0)	-19.8	(3.9)	37.7	(3.1)	52.1	(3.2)	81.9	(5.3)								
Austria	464	(4.9)	23.6	(5.4)	60.7	(5.3)	108.2	(6.9)	110.5	(8.5)	11.7	(4.3)	32.3	(4.5)	60.4	(5.6)	66.5	(9.4)								
Belgium	436	(4.3)	63.8	(4.8)	102.3	(5.2)	124.1	(5.9)	142.4	(6.3)	43.0	(4.2)	56.9	(4.4)	73.1	(4.6)	96.3	(5.9)								
Canada	492	(4.0)	1.7	(4.7)	43.4	(4.7)	61.9	(4.4)	74.7	(4.0)	-0.5	(4.3)	36.0	(4.1)	50.2	(4.0)	59.4	(3.9)								
Czech Republic	478	(6.6)	7.3	(7.8)	28.3	(7.6)	88.1	(7.2)	123.7	(7.2)	2.3	(6.6)	20.3	(6.2)	64.3	(6.1)	78.5	(6.5)								
Denmark	421	(12.6)	30.8	(12.8)	83.6	(12.0)	97.7	(12.7)	107.6	(17.9)	22.7	(11.9)	68.0	(11.1)	78.3	(11.5)	77.7	(14.8)								
Finland	497	(7.6)	30.6	(8.3)	69.3	(8.1)	95.8	(7.9)	115.5	(11.1)	27.2	(8.0)	61.4	(7.8)	84.5	(7.3)	102.2	(10.5)								
France	408	(6.7)	41.9	(6.5)	101.0	(6.9)	161.7	(7.5)	180.2	(8.6)	28.5	(6.6)	63.1	(6.4)	100.2	(7.4)	112.9	(7.8)								
Germany	456	(7.3)	32.9	(7.0)	70.7	(7.5)	105.3	(7.7)	136.0	(7.5)	12.1	(6.0)	32.9	(5.9)	53.3	(6.2)	69.9	(7.7)								
Greece	387	(5.4)	47.0	(5.5)	94.6	(5.7)	129.1	(6.8)	140.6	(8.1)	39.1	(5.2)	73.5	(5.4)	97.6	(6.7)	99.0	(7.2)								
Hungary	487	(7.7)	-13.6	(7.9)	23.7	(7.9)	70.3	(8.9)	105.4	(9.8)	3.8	(6.0)	20.8	(6.3)	46.8	(7.0)	62.8	(7.8)								
Iceland	418	(9.9)	43.4	(11.2)	86.7	(10.3)	91.1	(11.0)	92.1	(16.5)	43.9	(10.8)	82.9	(10.0)	82.0	(10.6)	80.4	(16.2)								
Ireland	458	(5.8)	36.3	(5.9)	74.1	(6.3)	55.4	(7.0)	84.0	(14.5)	27.2	(4.9)	57.4	(4.6)	43.7	(5.6)	69.9	(12.8)								
Italy	456	(10.2)	-11.0	(10.3)	25.6	(11.0)	49.8	(10.8)	65.3	(11.3)	12.7	(5.4)	35.5	(5.6)	51.8	(6.1)	76.7	(6.5)								
Japan	476	(14.6)	24.2	(15.1)	63.5	(14.4)	96.5	(15.6)	108.0	(19.6)	20.9	(13.3)	43.7	(12.2)	52.8	(13.7)	54.0	(16.6)								
Korea	460	(12.1)	2.5	(10.1)	60.7	(11.7)	81.9	(12.1)	104.2	(29.5)	-0.9	(10.9)	47.4	(11.4)	56.6	(11.8)	66.2	(15.7)								
Luxembourg	437	(4.1)	37.3	(5.0)	64.8	(4.7)	94.4	(5.0)	96.5	(7.3)	22.2	(4.1)	42.9	(4.0)	63.0	(4.2)	71.1	(7.0)								
Mexico	420	(2.8)	-30.5	(3.4)	1.1	(3.1)	13.1	(3.6)	-3.8	(3.7)	-22.4	(2.9)	-1.3	(2.8)	8.5	(3.0)	-4.6	(3.1)								
Netherlands	490	(4.0)	17.1	(4.8)	54.2	(4.1)	88.8	(5.4)	129.5	(7.3)	8.2	(3.4)	28.0	(3.6)	48.0	(4.9)	77.0	(6.3)								
New Zealand	458	(6.9)	-20.9	(9.4)	58.7	(7.8)	99.5	(7.4)	134.0	(8.4)	-14.3	(7.6)	46.4	(6.7)	81.3	(6.2)	104.9	(7.6)								
Norway	411	(8.8)	54.1	(9.2)	94.2	(9.1)	92.6	(10.2)	24.6	(18.9)	50.3	(9.0)	86.2	(8.8)	79.4	(9.5)	14.5	(18.4)								
Poland	450	(7.1)	21.3	(7.4)	58.0	(7.5)	84.9	(7.8)	93.1	(11.2)	24.1	(6.8)	54.2	(6.8)	76.0	(7.4)	81.0	(10.5)								
Portugal	482	(5.4)	-61.1	(4.9)	-21.3	(5.5)	36.7	(5.9)	47.6	(5.5)	-36.2	(5.3)	-6.3	(5.3)	39.3	(5.2)	46.9	(5.0)								
Slovak Republic	430	(5.1)	36.5	(4.8)	78.8	(5.8)	107.8	(6.4)	145.2	(6.7)	23.9	(4.6)	54.8	(5.6)	73.4	(6.1)	87.0	(6.2)								
Spain	461	(4.0)	-18.5	(5.1)	31.6	(4.7)	58.5	(4.3)	97.8	(5.4)	-15.8	(4.6)	26.4	(4.2)	46.6	(4.0)	77.2	(5.4)								
Sweden	425	(14.5)	45.1	(14.7)	93.3	(14.3)	88.8	(13.1)	85.9	(18.4)	26.0	(11.5)	70.9	(11.2)	65.6	(11.2)	49.9	(15.9)								
Switzerland	449	(4.4)	41.8	(3.8)	78.9	(4.5)	119.9	(5.4)	147.1	(7.4)	33.1	(3.8)	59.7	(4.3)	86.4	(5.2)	93.4	(6.3)								
Turkey	401	(2.6)	-19.3	(3.8)	12.8	(3.8)	58.7	(7.3)	95.0	(8.5)	-8.8	(4.1)	17.8	(3.6)	42.0	(4.9)	63.9	(4.1)								
United Kingdom	415	(9.1)	8.3	(9.1)	75.0	(8.7)	125.3	(9.3)	157.1	(10.0)	6.9	(8.9)	64.8	(8.7)	103.2	(9.3)	125.5	(9.6)								
United States	435	(7.2)	6.9	(6.7)	50.3	(7.8)	98.8	(7.5)	91.2	(9.2)	2.2	(5.8)	32.6	(6.9)	69.5	(6.0)	67.1	(8.2)								
OECD average	448	(7.7)	15.4	(8.0)	59.0	(7.9)	88.5	(8.3)	104.4	(11.9)	12.4	(7.1)	44.9	(6.9)	64.3	(7.3)	73.6	(9.9)								
Partners																										
Argentina	352	(6.9)	30.8	(5.8)	64.9	(7.5)	95.5	(8.5)	117.7	(12.3)	21.1	(5.8)	41.6	(6.9)	63.2	(8.3)	81.2	(11.9)								
Azerbaijan	358	(4.4)	19.3	(4.5)	33.2	(5.0)	44.3	(6.2)	43.8	(5.2)	17.1	(4.7)	31.1	(5.0)	39.4	(6.1)	41.0	(5.5)								
Brazil	347	(5.0)	25.6	(5.5)	61.2	(5.4)	112.5	(8.2)	132.5	(14.1)	21.0	(5.1)	44.4	(4.9)	72.8	(7.0)	86.9	(9.4)								
Bulgaria	373	(5.7)	41.7	(5.7)	88.1	(7.2)	122.0	(9.9)	123.0	(10.3)	25.5	(4.6)	47.5	(5.8)	66.2	(5.9)	74.1	(8.7)								
Chile	392	(4.2)	30.5	(4.8)	57.1	(5.2)	97.7	(5.6)	118.4	(7.5)	19.1	(4.1)	34.3	(4.2)	58.4	(4.8)	66.4	(6.0)								
Colombia	371	(8.1)	-4.5	(8.4)	16.4	(8.1)	33.7	(8.3)	56.5	(9.4)	4.0	(8.1)	20.9	(8.1)	31.5	(8.3)	42.3	(9.0)								
Croatia	447	(3.0)	56.0	(4.1)	60.6	(3.9)	91.4	(6.8)	84.8	(9.6)	32.9	(3.8)	35.3	(3.8)	53.7	(5.7)	52.1	(8.3)								
Estonia	460	(9.8)	40.8	(9.1)	66.7	(10.4)	107.2	(10.0)	117.5	(9.7)	41.3	(8.6)	63.5	(9.7)	99.2	(9.5)	108.8	(9.4)								
Hong Kong-China	522	(3.0)	-41.2	(5.2)	-0.7	(6.5)	41.5	(4.6)	78.2	(3.9)	-33.9	(4.6)	-2.4	(6.3)	33.4	(4.6)	67.4	(3.8)								
Indonesia	377	(5.9)	-19.1	(5.6)	13.2	(6.6)	47.5	(9.2)	62.5	(9.3)	-12.3	(7.1)	15.4	(8.3)	34.2	(10.2)	38.6	(8.2)								
Israel	424	(5.8)	19.0	(6.2)	54.5	(6.2)	92.2	(6.3)	99.1	(9.7)	21.6	(5.3)	51.0	(5.1)	83.6	(5.8)	89.1	(8.3)								
Jordan	375	(4.3)	24.9	(5.1)	56.8	(4.8)	79.0	(6.3)	93.3	(6.3)	21.6	(4.6)	47.6	(4.4)	65.5	(5.1)	79.2	(5.5)								
Kyrgyzstan	304	(3.2)	20.7	(3.5)	48.4	(4.5)	63.6	(6.0)	60.0	(10.4)	15.2	(3.4)	38.7	(4.3)	44.1	(5.1)	50.3	(5.6)								
Latvia	438	(6.9)	30.8	(7.4)	54.3	(7.7)	88.7	(7.9)	100.4	(8.0)	24.8	(6.9)	47.4	(7.3)	76.9	(6.8)	83.7	(6.9)								
Liechtenstein ²	493	(7.6)	c	c	34.0	(10.2)	76.9	(19.6)	c	c	c	c	23.8	(9.3)	43.4	(14.3)	c	c								
Lithuania	412	(8.4)	53.2	(8.9)	85.5	(9.0)	121.1	(9.1)	102.7	(9.7)	41.2	(8.5)	68.4	(8.0)	94.8	(8.0)	85.0	(9.3)								
Macao-China	496	(2.8)	-30.3	(4.2)	2.2	(3.7)	26.0	(4.1)	60.5	(3.6)	-23.9	(4.2)	7.8	(3.9)	30.5	(4.3)	63.4	(3.6)								
Montenegro	370	(3.6)	23.7	(4.2)	60.1	(4.1)	77.5	(4.6)	77.3	(6.1)	19.4	(4.1)	46.1	(4.1)	60.2	(4.6)	61.4	(5.2)								
Qatar	315	(2.5)	14.4	(3.6)	48.1	(3.2)	90.7	(4.5)	98.4	(5.3)	15.8	(3.6)	43.7	(3.2)	80.1	(4.6)	88.3	(5.2)								
Romania	376	(5.5)	29.0	(5.2)	66.6	(6.1)	80.1	(7.1)	86.0	(9.4)	19.7	(5.3)	44.5	(5.8)	53.4	(5.9)	54.6	(6.4)								
Russian Federation	429	(6.5)	22.1	(5.9)	47.6	(6.5)	74.9	(6.7)	83.5	(7.4)	17.5	(5.2)	35.9	(5.9)	60.6	(6.0)	71.4	(6.9)								
Serbia	385	(5.1)	29.1	(5.3)	60.6	(5.5)	93.5	(6.4)	98.4	(6.7)	21.0	(4.8)	39.7	(5.0)	64.0	(6.1)	63.1	(6.3)								
Slovenia	459	(4.2)	30.4	(5.2)	68.2	(4.9)	114.5	(6.2)	132.7	(5.9)	9.3	(5.2)	26.5	(4.8)	50.5	(5.5)	62.3	(5.6)								
Chinese Taipei	470	(7.8)	24.3	(6.7)	87.2	(7.2)	96.6	(8.1)	108.1																	



[Part 2/2]
Table 4.2a Performance in science, by learning time in regular school lessons in science

	Difference in science performance between students who spend the following learning hours per week in regular school lessons in science and students who do not spend any time in regular school lessons in science								Percentage of students, by lower and upper secondary schools											
	Accounting for socio-economic background of students and schools as well as learning time in out-of-school-time lessons and individual study in science								No time				Less than 2 hours per week				2 hours or more per week			
	Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Lower secondary school		Upper secondary school		Lower secondary school		Upper secondary school		Lower secondary school		Upper secondary school	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	-28.8	(4.3)	20.5	(3.7)	32.2	(3.8)	60.8	(6.0)	47.3	(2.0)	52.7	(2.0)	87.1	(1.2)	12.9	(1.2)	85.2	(0.6)	14.8	(0.6)
Australia	19.8	(4.6)	40.6	(4.4)	70.5	(5.6)	80.3	(9.2)	4.3	(1.4)	95.7	(1.4)	9.3	(1.2)	90.7	(1.2)	5.1	(0.7)	94.9	(0.7)
Austria	36.9	(4.6)	49.2	(5.0)	67.0	(5.5)	90.4	(6.6)	3.6	(0.8)	96.4	(0.8)	4.2	(0.6)	95.8	(0.6)	3.6	(0.4)	96.4	(0.4)
Belgium	3.2	(4.6)	38.2	(4.7)	51.2	(4.5)	59.9	(4.6)	28.6	(1.8)	71.4	(1.8)	22.9	(1.2)	77.1	(1.2)	11.5	(0.7)	88.5	(0.7)
Canada	4.1	(6.9)	23.4	(6.6)	71.0	(6.5)	86.4	(6.8)	24.0	(2.9)	76.0	(2.9)	55.8	(2.3)	44.2	(2.3)	49.2	(1.9)	50.8	(1.9)
Czech Republic	18.1	(12.1)	62.5	(11.3)	73.1	(11.6)	77.4	(14.9)	97.4	(2.6)	2.6	(2.6)	99.7	(0.4)	0.3	(0.4)	98.7	(0.4)	1.3	(0.4)
Denmark	24.0	(8.0)	54.3	(7.9)	75.5	(7.7)	94.3	(10.3)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	c	c
Finland	24.9	(6.6)	57.8	(6.7)	92.7	(7.7)	106.5	(8.3)	53.0	(5.4)	47.0	(5.4)	68.3	(1.8)	31.7	(1.8)	23.3	(1.2)	76.7	(1.2)
France	12.6	(5.7)	33.9	(5.9)	54.8	(6.1)	74.4	(7.5)	86.9	(4.5)	13.1	(4.5)	97.3	(0.8)	2.7	(0.8)	98.5	(0.3)	1.5	(0.3)
Germany	39.7	(5.3)	73.8	(5.5)	97.7	(6.8)	100.2	(7.5)	19.1	(3.0)	80.9	(3.0)	9.1	(1.8)	90.9	(1.8)	5.7	(0.8)	94.3	(0.8)
Greece	6.7	(6.7)	26.7	(7.0)	54.8	(7.6)	72.9	(8.4)	7.9	(1.9)	92.1	(1.9)	10.7	(1.4)	89.3	(1.4)	5.5	(0.9)	94.5	(0.9)
Hungary	34.1	(11.3)	67.8	(10.5)	70.6	(11.3)	76.1	(15.7)	96.6	(1.7)	3.4	(1.7)	100.0	(0.0)	a	a	99.4	(0.1)	0.6	(0.1)
Iceland	23.7	(5.9)	50.3	(6.0)	38.5	(6.9)	69.4	(13.3)	47.4	(3.0)	52.6	(3.0)	49.4	(2.4)	50.6	(2.4)	68.0	(1.0)	32.0	(1.0)
Ireland	10.9	(5.2)	31.7	(5.3)	51.6	(6.0)	74.6	(6.8)	3.1	(1.1)	96.9	(1.1)	2.8	(0.8)	97.2	(0.8)	1.0	(0.3)	99.0	(0.3)
Italy	16.0	(12.9)	38.3	(11.8)	47.0	(13.1)	52.4	(15.7)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)
Japan	-9.9	(11.3)	35.1	(11.5)	39.6	(11.8)	48.6	(14.3)	2.1	(1.7)	97.9	(1.7)	3.0	(1.8)	97.0	(1.8)	2.0	(0.6)	98.0	(0.6)
Korea	25.8	(4.4)	46.1	(3.9)	68.4	(4.5)	82.6	(7.2)	64.2	(2.0)	35.8	(2.0)	79.0	(0.8)	21.0	(0.8)	51.5	(0.7)	48.5	(0.7)
Luxembourg	-18.5	(3.8)	3.2	(3.8)	13.3	(4.0)	1.2	(4.3)	29.9	(1.9)	70.1	(1.9)	53.2	(2.3)	46.8	(2.3)	42.8	(2.4)	57.2	(2.4)
Mexico	15.2	(3.9)	34.5	(4.5)	56.5	(5.7)	83.5	(6.8)	77.9	(1.8)	22.1	(1.8)	79.0	(1.7)	21.0	(1.7)	66.2	(1.3)	33.8	(1.3)
Netherlands	-22.2	(8.1)	33.7	(7.0)	62.2	(6.5)	88.1	(8.0)	4.4	(1.4)	95.6	(1.4)	13.2	(2.0)	86.8	(2.0)	5.6	(0.3)	94.4	(0.3)
New Zealand	45.4	(8.9)	78.8	(8.9)	82.5	(10.1)	32.5	(22.4)	100.0	(0.0)	a	a	99.8	(0.2)	0.2	(0.2)	99.4	(0.4)	0.6	(0.4)
Norway	20.9	(6.8)	53.6	(6.8)	77.0	(7.3)	88.5	(10.3)	100.0	(0.0)	a	a	99.8	(0.0)	0.2	(0.0)	99.3	(0.1)	0.7	(0.1)
Poland	-34.8	(6.5)	-4.6	(7.0)	40.9	(6.5)	52.4	(6.9)	16.7	(2.4)	83.3	(2.4)	88.7	(1.2)	11.3	(1.2)	41.7	(1.5)	58.3	(1.5)
Portugal	21.9	(4.7)	53.3	(5.7)	73.0	(6.2)	88.7	(6.5)	17.4	(3.0)	82.6	(3.0)	45.0	(2.9)	55.0	(2.9)	35.1	(2.3)	64.9	(2.3)
Slovak Republic	-19.9	(5.0)	15.9	(4.7)	34.8	(4.8)	63.8	(5.9)	99.9	(0.1)	0.1	(0.1)	100.0	(0.0)	a	a	100.0	(0.0)	c	c
Spain	28.6	(11.1)	66.5	(10.7)	67.7	(10.7)	58.9	(14.5)	83.9	(5.2)	16.1	(5.2)	97.0	(0.6)	3.0	(0.6)	98.5	(0.3)	1.5	(0.3)
Sweden	29.2	(4.1)	54.5	(4.6)	82.9	(5.5)	93.8	(6.0)	81.1	(2.8)	18.9	(2.8)	90.8	(1.7)	9.2	(1.7)	77.3	(1.3)	22.7	(1.3)
Switzerland	-13.7	(4.3)	11.2	(4.0)	33.2	(5.5)	52.3	(4.7)	2.1	(0.4)	97.9	(0.4)	5.1	(1.5)	94.9	(1.5)	6.3	(2.0)	93.7	(2.0)
Turkey	-7.1	(9.7)	46.6	(9.1)	81.2	(9.9)	103.4	(10.4)	1.2	(0.7)	98.8	(0.7)	1.3	(0.5)	98.7	(0.5)	0.3	(0.1)	99.7	(0.1)
United Kingdom	1.4	(6.6)	33.1	(7.5)	66.9	(6.5)	65.8	(8.9)	20.4	(3.9)	79.6	(3.9)	18.6	(3.8)	81.4	(3.8)	8.3	(0.8)	91.7	(0.8)
United States	10.3	(7.3)	41.0	(7.2)	60.9	(7.6)	72.7	(10.2)	45.5	(2.5)	62.2	(2.6)	54.8	(1.6)	52.2	(1.6)	47.9	(1.1)	53.7	(1.0)
Partners	16.9	(5.4)	35.5	(6.0)	57.9	(7.5)	76.9	(12.4)	42.7	(3.8)	57.3	(3.8)	32.7	(2.3)	67.3	(2.3)	22.2	(2.0)	77.8	(2.0)
Argentina	15.7	(4.8)	28.5	(5.1)	36.2	(6.3)	35.4	(6.0)	54.1	(3.4)	45.9	(3.4)	53.5	(2.1)	46.5	(2.1)	63.1	(1.9)	36.9	(1.9)
Azerbaijan	19.0	(5.3)	43.4	(5.2)	75.1	(7.0)	91.0	(9.1)	37.5	(3.0)	62.5	(3.0)	34.3	(2.0)	65.7	(2.0)	30.2	(1.9)	69.8	(1.9)
Brazil	29.7	(4.5)	52.8	(6.1)	70.7	(6.2)	80.6	(9.1)	12.1	(2.4)	87.9	(2.4)	7.9	(1.2)	92.1	(1.2)	4.3	(0.8)	95.7	(0.8)
Bulgaria	22.4	(4.4)	40.4	(4.3)	65.3	(5.3)	76.1	(6.4)	13.0	(2.4)	87.0	(2.4)	2.7	(0.6)	97.3	(0.6)	1.7	(0.4)	98.3	(0.4)
Chile	1.0	(8.4)	17.8	(8.2)	28.1	(8.5)	40.9	(9.9)	34.4	(4.8)	65.6	(4.8)	44.1	(2.4)	55.9	(2.4)	39.0	(2.0)	61.0	(2.0)
Colombia	35.6	(4.4)	37.8	(4.6)	57.2	(5.9)	55.0	(8.4)	0.8	(0.6)	99.2	(0.6)	0.3	(0.3)	99.7	(0.3)	0.2	(0.2)	99.8	(0.2)
Croatia	42.1	(8.4)	63.6	(9.2)	99.3	(9.0)	109.2	(8.8)	99.4	(0.6)	0.6	(0.6)	99.1	(0.2)	0.9	(0.2)	97.9	(0.2)	2.1	(0.2)
Estonia	-41.3	(6.3)	-12.5	(8.1)	22.9	(7.9)	56.0	(7.0)	18.2	(1.3)	81.8	(1.3)	71.8	(2.7)	28.2	(2.7)	41.3	(1.2)	58.7	(1.2)
Hong Kong-China	-15.4	(7.5)	12.0	(8.5)	31.6	(10.7)	36.8	(9.0)	18.5	(3.7)	81.5	(3.7)	68.9	(4.3)	31.1	(4.3)	50.0	(4.2)	50.0	(4.2)
Indonesia	26.9	(5.3)	61.1	(5.5)	100.6	(7.0)	110.9	(8.6)	8.1	(1.3)	91.9	(1.3)	15.5	(1.5)	84.5	(1.5)	14.5	(1.6)	85.5	(1.6)
Israel	18.7	(4.5)	44.1	(4.4)	60.6	(5.4)	75.1	(5.5)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a
Jordan	15.1	(3.3)	38.7	(4.6)	43.9	(5.6)	50.8	(6.7)	77.6	(2.0)	22.4	(2.0)	74.9	(1.6)	25.1	(1.6)	72.7	(1.8)	27.3	(1.8)
Kyrgyzstan	20.9	(6.8)	44.4	(7.4)	76.9	(7.0)	86.9	(7.0)	98.4	(0.7)	1.6	(0.7)	97.5	(0.6)	2.5	(0.6)	96.1	(0.5)	3.9	(0.5)
Latvia	c	c	25.4	(9.6)	46.8	(14.7)	c	c	c	c	c	c	92.8	(1.3)	7.2	(1.3)	87.5	(1.0)	12.5	(1.0)
Liechtenstein ²	37.9	(8.6)	65.8	(8.2)	92.4	(8.1)	86.7	(8.8)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	0.0	(0.0)
Lithuania	-28.1	(4.5)	2.9	(4.3)	24.4	(4.9)	54.7	(4.7)	29.9	(1.5)	70.1	(1.5)	80.6	(1.5)	19.4	(1.5)	64.4	(0.4)	35.6	(0.4)
Macao-China	21.9	(4.2)	47.9	(4.3)	61.2	(4.7)	65.3	(5.8)	1.1	(0.5)	98.9	(0.5)	0.4	(0.3)	99.6	(0.3)	0.1	(0.1)	99.9	(0.1)
Montenegro	17.3	(3.6)	45.7	(3.4)	79.4	(4.2)	87.6	(5.1)	23.9	(1.2)	76.1	(1.2)	30.0	(0.8)	70.0	(0.8)	17.1	(0.5)	82.9	(0.5)
Qatar	18.5	(5.8)	45.5	(6.5)	55.9	(6.7)	59.1	(8.0)	100.0	(0.0)	a	a	100.0	(0.0)	a	a	100.0	(0.0)	a	a
Romania	14.7	(4.9)	30.7	(5.8)	53.3	(5.8)	63.5	(6.6)	44.2	(4.5)	55.8	(4.5)	45.3	(3.5)	54.7	(3.5)	33.8	(1.8)	66.2	(1.8)
Russian Federation	20.3	(4.9)	38.4	(5.3)	63.1	(6.1)	62.5	(6.7)	1.7	(0.7)	98.3	(0.7)	2.3	(0.8)	97.7	(0.8)	1.7	(0.7)	98.3	(0.7)
Serbia	13.0	(5.0)	32.9	(4.9)	57.4	(5.4)	67.9	(5.8)	9.0	(3.0)	91.0	(3.0)	5.6	(1.1)	94.4	(1.1)	1.6	(0.4)	98.4	(0.4)
Slovenia	6.0	(5.9)	39.6	(5.9)	45.4	(5.9)	46.3	(6.2)	12.4	(1.5)	87.6	(1.5)	24.1	(1.8)	75.9	(1.8)	40.2	(1.3)	59.8	(1.3)
Chinese Taipei	a	a	38.1	(1.1)	65.6	(1.1)	70.8	(1.9)	a	a	a	a	a	a	100.0	(0.0)	34.2	(1.2)	65.8	(1.2)
Thailand ¹	27.3	(5.3)	39.7	(5.6)	67.4	(6.7)	67.0	(6.8)	76.7	(2.6)	23.3	(2.6)	56.2	(2.1)	43.8	(2.1)	37.4	(1.8)	62.6	(1.8)
Tunisia	12.8	(5.1)	26.3	(5.6)	43.5	(6.3)	60.7	(6.2)	44.9	(2.8)	55.1	(2.8)	34.4	(1.6)	65.6	(1.6)	27.5	(1.9)	72.5	(1.9)
Uruguay																				

[Part 1/2]
Table 4.2b Performance in mathematics, by learning time in regular school lessons in mathematics

	Mathematics performance for students who do not spend any time in regular school lessons in mathematics		Difference in mathematics performance between students who spend the following learning hours per week in regular school lessons in mathematics and students who do not spend any time in regular school lessons in mathematics								
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		
	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	464	(6.8)	-13.4	(7.4)	55.8	(7.3)	70.7	(7.1)	79.2	(7.4)
	Austria	480	(9.6)	-9.6	(9.6)	42.3	(10.1)	27.3	(9.7)	-2.1	(12.4)
	Belgium	442	(8.2)	35.8	(7.7)	71.1	(8.1)	125.6	(8.3)	121.7	(9.2)
	Canada	496	(6.1)	-14.4	(5.9)	32.6	(5.9)	45.5	(6.3)	46.7	(5.8)
	Czech Republic	438	(17.1)	18.4	(16.4)	88.9	(17.0)	84.5	(17.5)	79.3	(16.9)
	Denmark ²	449	(8.2)	c	c	70.7	(7.6)	70.0	(8.1)	60.7	(9.1)
	Finland	503	(14.6)	-4.3	(14.8)	50.6	(14.5)	54.0	(15.1)	61.0	(17.1)
	France	414	(11.5)	11.9	(12.5)	77.1	(12.3)	108.3	(12.0)	75.2	(18.4)
	Germany	457	(17.5)	13.4	(12.7)	77.9	(17.7)	53.6	(17.5)	5.9	(15.8)
	Greece	389	(8.8)	27.0	(9.1)	73.7	(9.6)	96.9	(10.0)	97.3	(10.5)
	Hungary	436	(8.3)	11.0	(8.2)	70.0	(8.8)	75.3	(9.0)	63.2	(13.9)
	Iceland	442	(7.4)	c	c	72.4	(7.8)	73.9	(7.4)	48.9	(8.7)
	Ireland ²	439	(11.7)	25.5	(11.6)	81.8	(11.6)	65.5	(11.8)	30.7	(12.5)
	Italy	390	(7.1)	26.6	(8.3)	68.4	(6.8)	99.3	(7.4)	81.6	(8.6)
	Japan ²	442	(9.5)	c	c	49.1	(9.0)	108.7	(9.2)	130.4	(10.7)
	Korea	419	(13.4)	32.2	(14.1)	101.3	(13.3)	141.9	(13.1)	158.7	(16.3)
	Luxembourg	424	(9.3)	28.1	(10.8)	69.5	(9.7)	83.9	(9.6)	34.3	(11.7)
	Mexico	348	(7.6)	23.8	(7.2)	55.6	(7.4)	92.0	(7.6)	71.2	(7.5)
	Netherlands	471	(5.8)	29.7	(5.7)	82.2	(5.4)	74.1	(5.9)	29.6	(11.5)
	New Zealand	463	(11.4)	-22.0	(12.5)	45.2	(11.5)	79.9	(11.7)	49.7	(12.5)
	Norway	402	(9.0)	43.5	(10.0)	99.0	(8.9)	107.7	(9.4)	56.7	(12.7)
	Poland	442	(8.5)	2.5	(9.1)	56.5	(8.8)	66.5	(8.5)	59.5	(9.3)
	Portugal	455	(6.0)	-58.1	(6.4)	1.4	(6.8)	45.9	(6.4)	48.4	(8.1)
	Slovak Republic	431	(13.1)	32.2	(14.5)	80.9	(13.6)	65.6	(13.4)	60.1	(20.3)
	Spain	412	(7.9)	5.3	(9.0)	76.7	(8.1)	92.4	(8.4)	40.0	(9.9)
	Sweden	408	(13.5)	60.1	(14.7)	106.8	(13.4)	85.3	(13.3)	60.6	(18.7)
	Switzerland	504	(9.0)	-4.7	(10.5)	37.6	(9.5)	32.3	(9.9)	-2.0	(9.9)
	Turkey	375	(5.5)	-3.4	(6.5)	27.7	(6.9)	80.1	(8.2)	91.1	(10.8)
	United Kingdom	430	(12.5)	-8.7	(12.3)	73.2	(12.3)	73.6	(12.6)	77.4	(14.1)
	United States	431	(8.3)	0.1	(8.2)	35.0	(9.3)	80.3	(8.2)	61.3	(7.9)
	OECD average	436	(10.5)	10.7	(10.6)	64.4	(10.7)	78.1	(10.8)	60.6	(12.8)
Partners	Argentina	341	(8.8)	10.4	(8.4)	57.0	(9.2)	91.0	(9.3)	69.1	(11.1)
	Azerbaijan	454	(3.5)	13.2	(3.8)	26.0	(3.9)	30.1	(4.0)	29.6	(3.6)
	Brazil	300	(8.9)	29.5	(7.8)	85.0	(9.2)	109.2	(9.5)	106.4	(11.1)
	Bulgaria	361	(7.0)	21.3	(6.3)	74.2	(7.2)	91.5	(10.3)	101.4	(14.5)
	Chile	360	(5.3)	18.8	(5.4)	44.5	(6.0)	83.4	(7.5)	97.8	(7.1)
	Colombia	297	(11.9)	24.7	(12.7)	70.9	(11.7)	87.9	(11.7)	110.9	(12.6)
	Croatia	443	(7.2)	-6.7	(7.9)	27.8	(7.6)	51.5	(8.0)	7.4	(15.8)
	Estonia	446	(13.1)	34.9	(12.0)	63.5	(12.3)	81.6	(13.3)	71.9	(12.8)
	Hong Kong-China	426	(10.3)	32.4	(12.9)	102.1	(11.5)	129.5	(11.3)	141.8	(10.2)
	Indonesia	298	(11.4)	36.7	(11.1)	87.3	(12.2)	118.8	(12.1)	111.9	(13.8)
	Israel	418	(15.7)	-19.6	(14.8)	17.1	(15.5)	59.3	(15.1)	46.8	(15.7)
	Jordan	341	(5.4)	18.5	(5.3)	47.9	(6.0)	76.9	(6.2)	72.2	(6.8)
	Kyrgyzstan	280	(3.8)	18.8	(3.6)	51.0	(5.0)	78.6	(5.4)	81.5	(6.5)
	Latvia	419	(14.4)	10.3	(15.4)	61.8	(13.9)	75.7	(14.3)	85.5	(15.1)
	Liechtenstein ²	487	(13.7)	c	c	68.7	(15.5)	36.2	(15.1)	c	c
	Lithuania	405	(7.7)	27.4	(7.9)	95.6	(8.6)	108.7	(8.2)	97.2	(8.9)
	Macao-China	446	(11.1)	4.4	(12.1)	56.4	(12.6)	86.2	(11.3)	92.3	(11.4)
	Montenegro	370	(5.2)	7.6	(6.2)	50.5	(6.2)	54.3	(6.3)	41.0	(6.9)
	Qatar	284	(4.0)	13.3	(4.4)	35.6	(5.5)	78.5	(4.8)	73.9	(5.7)
	Romania	362	(8.3)	23.8	(9.0)	59.4	(8.5)	89.6	(9.5)	65.5	(13.9)
	Russian Federation	400	(9.1)	35.2	(9.2)	72.5	(8.8)	100.1	(9.3)	117.2	(11.0)
	Serbia	384	(7.3)	30.8	(8.2)	54.0	(7.7)	78.3	(7.6)	60.8	(10.5)
	Slovenia	477	(6.6)	-9.1	(7.1)	29.5	(7.2)	58.8	(6.6)	27.0	(9.1)
	Chinese Taipei	437	(8.5)	25.8	(6.9)	87.8	(8.3)	151.4	(8.6)	160.5	(9.5)
	Thailand ¹	396	(1.6)	a	a	57.2	(1.5)	91.6	(1.6)	80.9	(2.4)
	Tunisia	323	(5.2)	5.5	(5.8)	50.2	(7.4)	77.7	(6.8)	52.5	(6.6)
Uruguay	353	(7.1)	24.3	(8.1)	99.3	(8.0)	97.5	(7.7)	94.8	(11.2)	

1. As there are no students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics.

2. As there are less than 30 students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.2b Performance in mathematics, by learning time in regular school lessons in mathematics

	Difference in mathematics performance between students who spend the following learning hours per week in regular school lessons in mathematics and students who do not spend any time in regular school lessons in mathematics															
	Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in out-of-school-time lessons and individual study in mathematics							
	Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	-4.2	(6.7)	52.6	(6.6)	60.8	(6.1)	68.6	(6.5)	-10.1	(7.2)	38.6	(7.0)	45.0	(6.7)	53.0	(6.9)
Australia	-3.1	(8.8)	19.7	(9.3)	11.9	(8.9)	-0.0	(11.7)	1.5	(9.6)	29.9	(10.0)	28.7	(9.5)	30.9	(10.7)
Belgium	19.2	(6.5)	38.9	(6.4)	71.1	(6.3)	73.2	(8.8)	15.3	(7.2)	33.2	(7.1)	64.8	(7.0)	75.7	(9.5)
Canada	-14.7	(5.7)	28.1	(5.4)	38.3	(6.0)	37.0	(5.7)	-5.6	(5.8)	38.2	(5.7)	45.9	(6.2)	45.7	(5.9)
Czech Republic	11.9	(16.1)	53.0	(15.5)	57.2	(16.1)	51.2	(16.0)	15.3	(15.9)	56.8	(15.6)	64.0	(16.2)	62.4	(16.1)
Denmark ²	c	c	59.9	(7.2)	57.4	(7.7)	49.2	(8.3)	c	c	58.4	(7.3)	58.0	(7.7)	55.6	(8.2)
Finland	-1.8	(12.7)	45.2	(12.5)	47.9	(13.1)	56.4	(15.2)	-3.1	(12.7)	37.4	(12.4)	40.5	(13.1)	50.6	(15.6)
France	3.8	(10.7)	40.8	(10.5)	54.9	(10.0)	36.3	(15.0)	4.3	(10.9)	38.5	(10.5)	51.5	(10.1)	38.7	(14.6)
Germany	-0.5	(10.4)	23.9	(10.0)	16.0	(10.6)	-3.6	(10.2)	3.8	(9.9)	25.2	(10.0)	19.9	(10.5)	11.2	(10.9)
Greece	25.1	(8.1)	55.8	(8.2)	71.9	(8.7)	72.8	(9.0)	22.9	(8.5)	51.3	(8.5)	66.1	(9.2)	64.7	(9.7)
Hungary	3.5	(7.8)	32.5	(8.4)	38.4	(8.3)	30.8	(10.9)	8.1	(7.9)	38.5	(8.6)	46.7	(8.7)	48.6	(11.6)
Iceland	c	c	67.7	(7.8)	68.5	(7.3)	45.6	(8.5)	c	c	54.3	(8.1)	55.5	(7.7)	39.5	(9.0)
Ireland ²	20.1	(11.2)	65.4	(10.8)	49.5	(11.1)	21.8	(11.7)	22.0	(10.7)	63.7	(10.2)	49.4	(10.5)	27.6	(11.2)
Italy	16.4	(7.3)	39.9	(6.0)	69.2	(6.9)	57.6	(7.8)	18.1	(7.5)	42.4	(6.2)	71.6	(7.0)	67.5	(8.2)
Japan ²	c	c	32.1	(8.3)	61.7	(8.7)	74.7	(10.2)	c	c	30.7	(8.1)	58.8	(8.5)	72.1	(9.7)
Korea	32.3	(15.8)	86.6	(14.6)	112.9	(14.0)	123.1	(14.0)	18.5	(15.1)	67.9	(13.4)	85.8	(12.7)	90.1	(12.8)
Luxembourg	19.5	(10.4)	47.3	(9.4)	50.6	(9.1)	14.1	(11.1)	26.4	(10.0)	49.8	(9.0)	54.1	(9.0)	29.0	(10.9)
Mexico	22.9	(6.4)	48.3	(6.3)	71.6	(6.0)	55.8	(6.1)	21.3	(6.6)	46.6	(6.7)	68.8	(6.3)	55.8	(6.6)
Netherlands	8.0	(5.5)	41.8	(5.5)	40.8	(5.1)	10.1	(9.8)	17.7	(5.9)	47.5	(5.6)	47.6	(5.4)	40.2	(9.6)
New Zealand	-16.1	(11.6)	31.7	(11.3)	61.4	(11.5)	35.1	(11.5)	-15.0	(11.8)	25.8	(11.7)	49.6	(12.0)	33.7	(12.3)
Norway	38.1	(10.2)	89.2	(9.2)	94.9	(9.4)	48.3	(12.9)	38.1	(11.2)	84.2	(10.2)	92.2	(10.5)	60.2	(13.0)
Poland	6.0	(9.1)	52.6	(8.7)	60.4	(8.0)	51.3	(8.8)	6.7	(9.0)	51.5	(8.7)	59.0	(8.0)	52.7	(8.8)
Portugal	-33.7	(6.2)	14.1	(6.6)	44.9	(5.9)	43.5	(7.7)	-39.2	(8.6)	5.3	(8.9)	37.0	(8.5)	38.7	(10.9)
Slovak Republic	25.5	(10.1)	51.3	(9.8)	44.6	(9.8)	32.1	(13.3)	24.1	(10.0)	50.6	(9.5)	45.7	(9.7)	37.0	(13.5)
Spain	5.3	(8.4)	67.7	(7.6)	75.9	(7.8)	30.7	(9.1)	1.9	(9.0)	57.4	(8.0)	65.6	(8.4)	27.7	(9.5)
Sweden	44.3	(13.8)	90.8	(12.4)	71.7	(12.4)	40.0	(16.6)	44.4	(14.5)	85.1	(13.3)	75.7	(12.9)	44.4	(17.9)
Switzerland	-10.5	(9.8)	13.8	(9.6)	14.2	(10.1)	-10.4	(9.6)	-2.9	(9.8)	22.9	(9.4)	23.7	(10.0)	6.2	(9.8)
Turkey	5.7	(7.5)	33.9	(6.8)	58.6	(6.5)	65.6	(7.5)	-3.3	(7.7)	23.1	(7.0)	44.2	(6.8)	46.8	(7.6)
United Kingdom	-8.6	(11.2)	54.4	(10.6)	52.6	(10.6)	57.4	(11.4)	-15.7	(12.2)	39.1	(11.9)	37.7	(11.8)	47.0	(12.9)
United States	-1.9	(7.3)	23.0	(8.0)	56.0	(7.0)	45.7	(7.0)	4.9	(7.5)	33.7	(8.1)	63.1	(7.2)	57.6	(7.6)
OECD average	7.9	(9.9)	46.0	(9.5)	55.5	(9.5)	42.4	(11.0)	8.2	(10.1)	43.9	(9.7)	53.5	(9.7)	46.1	(11.3)
Partners	10.1	(9.1)	41.4	(9.9)	62.6	(10.0)	42.5	(13.7)	8.6	(8.3)	39.2	(8.9)	59.5	(9.2)	42.6	(13.1)
Argentina	12.7	(3.9)	25.5	(4.1)	29.6	(4.1)	28.8	(3.8)	9.8	(3.9)	21.7	(4.2)	26.3	(4.3)	26.0	(3.9)
Brazil	22.6	(7.5)	61.2	(8.0)	76.5	(7.6)	80.5	(8.8)	19.6	(7.6)	58.3	(8.1)	74.0	(7.7)	80.8	(8.8)
Bulgaria	20.5	(6.1)	47.2	(6.4)	58.6	(8.1)	66.3	(9.5)	17.8	(6.6)	44.9	(6.9)	59.2	(8.8)	69.1	(11.0)
Chile	15.7	(4.3)	32.1	(4.4)	56.8	(5.4)	60.7	(4.7)	16.9	(4.3)	35.2	(4.6)	59.4	(5.4)	65.2	(4.7)
Colombia	22.6	(13.0)	61.2	(11.3)	72.3	(10.9)	83.7	(11.4)	20.9	(12.7)	57.2	(11.2)	67.8	(10.4)	79.6	(11.2)
Croatia	0.2	(7.4)	21.0	(6.7)	29.8	(7.5)	8.2	(13.1)	1.7	(7.3)	21.5	(6.8)	32.4	(7.6)	21.1	(13.0)
Estonia	29.6	(12.3)	53.2	(12.8)	68.2	(12.8)	59.3	(12.7)	29.3	(11.7)	52.7	(12.2)	67.9	(12.0)	65.7	(11.7)
Hong Kong-China	29.6	(12.9)	84.8	(12.1)	107.8	(11.8)	120.5	(10.7)	19.5	(14.2)	69.3	(13.3)	90.2	(12.6)	100.9	(11.7)
Indonesia	28.6	(11.8)	69.1	(11.2)	92.2	(11.3)	98.9	(13.1)	21.8	(11.6)	61.0	(11.1)	83.8	(11.1)	90.6	(13.0)
Israel	-11.9	(14.7)	11.5	(15.4)	43.6	(15.3)	34.4	(15.3)	-4.6	(13.8)	26.7	(14.9)	60.5	(14.9)	57.3	(15.6)
Jordan	16.2	(4.8)	35.1	(5.2)	62.2	(4.9)	56.0	(5.5)	11.9	(4.6)	30.0	(5.2)	57.3	(5.0)	52.4	(5.6)
Kyrgyzstan	12.3	(3.1)	35.4	(3.6)	55.7	(4.3)	57.9	(5.2)	11.0	(3.3)	34.2	(3.9)	54.9	(4.6)	60.4	(5.5)
Latvia	13.1	(15.6)	59.5	(14.1)	69.3	(14.4)	77.1	(15.2)	10.0	(16.0)	55.5	(14.6)	68.2	(14.7)	80.2	(15.3)
Liechtenstein ²	c	c	10.9	(14.7)	1.5	(13.8)	c	c	c	c	13.0	(15.7)	1.6	(13.9)	c	c
Lithuania	17.9	(7.2)	72.6	(7.6)	81.2	(7.4)	67.5	(8.3)	16.3	(7.3)	68.1	(7.8)	75.9	(7.8)	64.6	(8.5)
Macao-China	5.7	(12.0)	56.4	(12.6)	84.0	(11.5)	88.4	(11.5)	0.1	(12.5)	50.0	(12.8)	74.3	(11.9)	77.2	(11.8)
Montenegro	11.2	(5.9)	44.5	(6.0)	44.8	(6.2)	36.7	(6.7)	9.3	(5.9)	38.7	(6.0)	39.4	(6.5)	31.7	(6.6)
Qatar	10.8	(4.3)	27.0	(5.2)	59.8	(4.8)	54.8	(5.6)	7.6	(4.8)	25.3	(6.0)	61.3	(5.3)	56.6	(6.8)
Romania	19.6	(8.4)	40.4	(8.2)	57.6	(9.3)	43.7	(11.6)	17.5	(7.9)	37.1	(7.8)	54.0	(8.9)	43.5	(11.8)
Russian Federation	29.7	(9.5)	59.9	(9.3)	84.5	(9.6)	95.5	(11.2)	25.5	(9.9)	53.5	(9.6)	76.7	(10.0)	88.1	(11.8)
Serbia	22.4	(8.3)	37.5	(7.6)	45.3	(7.7)	35.9	(9.7)	17.3	(8.4)	32.3	(7.6)	41.6	(8.0)	39.3	(10.3)
Slovenia	-11.1	(6.3)	7.0	(6.7)	8.9	(6.3)	-8.2	(8.4)	-3.8	(6.3)	16.6	(6.6)	20.6	(6.5)	16.0	(9.0)
Chinese Taipei	24.1	(6.7)	74.0	(7.1)	110.1	(6.7)	111.7	(7.7)	10.4	(6.9)	50.4	(7.2)	80.6	(7.1)	79.1	(8.0)
Thailand ¹	a	a	48.5	(1.2)	72.0	(1.4)	67.4	(1.9)	a	a	46.6	(1.2)	70.8	(1.4)	69.5	(1.9)
Tunisia	5.9	(5.9)	35.4	(5.7)	55.4	(5.7)	37.9	(5.7)	3.6	(6.1)	33.1	(6.0)	52.5	(5.9)	35.8	(6.2)
Uruguay	22.4	(7.4)	72.0	(6.7)	69.2	(6.8)	65.9	(9.4)	25.0	(7.8)	72.8	(7.1)	69.3	(7.3)	68.9	(10.1)

1. As there are no students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics.

2. As there are less than 30 students who do not spend any time in regular school lessons in mathematics, the first column presents mathematics performance for students who spend less than 2 hours per week in regular school lessons in mathematics. Differences are computed based on students who spend less than 2 hours per week in regular school lessons in mathematics. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 4.2c Performance in reading, by learning time in regular school lessons on the language of instruction
[Part 1/2]

	Reading performance for students who do not spend any time in regular school lessons on the language of instruction		Difference in reading performance between students who spend the following learning hours per week in regular school lessons on the language of instruction and students who do not spend any time in regular school lessons on the language of instruction									
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week			
			Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD												
Australia	420	(10.1)	19.8	(10.1)	95.1	(10.1)	110.4	(10.3)	99.4	(10.9)		
Austria	453	(11.1)	12.2	(11.3)	63.2	(10.7)	8.5	(13.3)	-50.2	(15.0)		
Belgium	433	(14.8)	48.0	(12.6)	83.5	(14.9)	96.5	(15.0)	14.6	(18.5)		
Canada	502	(5.5)	-26.2	(6.5)	27.5	(6.1)	39.7	(5.6)	45.4	(5.7)		
Czech Republic	401	(15.1)	38.9	(17.1)	104.8	(15.3)	87.0	(15.9)	62.0	(17.7)		
Denmark ²	409	(10.6)	c	c	71.8	(12.0)	94.8	(10.4)	92.3	(10.7)		
Finland	500	(12.5)	7.5	(13.8)	55.0	(13.2)	55.5	(13.2)	53.3	(17.5)		
France	387	(14.4)	24.0	(13.3)	91.4	(14.0)	128.7	(14.1)	95.9	(20.0)		
Germany	455	(16.3)	16.7	(13.4)	77.8	(16.3)	48.3	(15.9)	9.5	(15.0)		
Greece	368	(9.8)	54.5	(9.0)	109.0	(9.5)	122.7	(10.4)	121.2	(10.7)		
Hungary	390	(14.5)	42.1	(14.2)	102.0	(14.1)	131.8	(14.9)	103.1	(18.3)		
Iceland ²	410	(7.7)	c	c	79.6	(8.2)	88.0	(7.7)	71.0	(9.3)		
Ireland	456	(15.4)	23.8	(14.9)	83.4	(14.9)	65.6	(14.8)	23.8	(15.1)		
Italy	379	(9.7)	27.0	(10.0)	81.0	(9.4)	116.6	(9.5)	99.4	(10.4)		
Japan ²	419	(8.8)	c	c	67.2	(7.3)	106.7	(8.8)	119.7	(13.5)		
Korea	425	(19.0)	45.6	(16.9)	115.1	(18.9)	145.3	(18.8)	153.8	(19.1)		
Luxembourg	438	(7.7)	-12.8	(9.2)	48.5	(8.1)	65.9	(7.9)	19.2	(11.8)		
Mexico	367	(7.8)	8.3	(7.1)	54.1	(8.0)	80.2	(8.2)	44.6	(8.3)		
Netherlands	470	(12.6)	19.4	(12.2)	55.5	(11.5)	34.9	(12.8)	-58.6	(19.4)		
New Zealand	414	(17.7)	13.7	(19.6)	88.5	(18.1)	132.9	(17.8)	94.3	(18.7)		
Norway	367	(15.0)	60.2	(14.2)	129.1	(14.8)	148.0	(15.0)	116.9	(17.7)		
Poland	410	(9.8)	29.7	(10.4)	80.4	(10.5)	114.7	(9.7)	108.8	(10.1)		
Portugal	413	(13.8)	-11.6	(13.6)	77.1	(12.9)	73.1	(13.2)	82.4	(14.8)		
Slovak Republic	374	(21.2)	72.9	(20.5)	116.2	(21.3)	83.8	(22.4)	96.0	(26.1)		
Spain	384	(7.9)	13.6	(8.5)	86.8	(8.1)	99.4	(8.0)	51.2	(11.8)		
Sweden	432	(19.0)	43.0	(20.2)	90.7	(19.0)	64.8	(19.4)	29.3	(21.5)		
Switzerland	485	(12.6)	-30.3	(12.1)	27.5	(12.8)	26.2	(12.5)	-19.5	(13.7)		
Turkey	392	(13.0)	10.2	(12.5)	47.3	(12.7)	83.1	(13.1)	64.5	(14.1)		
United Kingdom	412	(19.4)	0.0	(18.4)	92.0	(19.1)	95.9	(19.7)	89.9	(20.2)		
United States	m	m	m	m	m	m	m	m	m	m		
OECD average	420	(13.9)	21.2	(13.7)	80.1	(13.8)	86.9	(14.1)	59.6	(16.1)		
Partners												
Argentina	329	(12.4)	31.0	(13.2)	81.0	(12.8)	86.9	(12.0)	60.8	(20.9)		
Azerbaijan	321	(6.8)	20.6	(7.0)	41.2	(7.0)	48.4	(6.3)	48.2	(7.4)		
Brazil	341	(7.5)	18.0	(11.2)	73.4	(7.9)	87.8	(8.9)	72.5	(9.4)		
Bulgaria	327	(9.7)	41.0	(8.7)	108.5	(10.7)	111.0	(10.1)	96.8	(11.9)		
Chile	398	(8.6)	8.4	(8.1)	42.5	(8.4)	82.3	(9.1)	84.5	(9.4)		
Colombia	317	(12.7)	10.1	(12.4)	71.3	(12.1)	95.3	(12.2)	72.3	(13.9)		
Croatia	440	(10.5)	9.5	(9.6)	39.6	(9.6)	61.1	(10.5)	-12.2	(14.7)		
Estonia	430	(14.5)	34.1	(15.0)	74.8	(14.4)	90.0	(14.9)	72.2	(14.9)		
Hong Kong-China	461	(16.5)	-5.2	(15.4)	67.1	(16.8)	90.4	(15.6)	83.1	(17.0)		
Indonesia	303	(13.0)	54.1	(12.0)	97.4	(13.7)	110.0	(12.2)	86.9	(13.5)		
Israel	410	(9.2)	10.4	(9.8)	55.6	(8.8)	67.3	(9.7)	53.0	(10.8)		
Jordan	348	(7.8)	32.3	(7.5)	54.2	(7.8)	86.8	(8.3)	87.2	(8.2)		
Kyrgyzstan	237	(4.5)	37.7	(5.3)	79.4	(6.5)	105.2	(8.1)	89.0	(6.2)		
Latvia	418	(16.8)	28.7	(15.8)	62.6	(15.8)	76.6	(16.2)	72.6	(19.5)		
Liechtenstein ²	466	(12.7)	c	c	76.6	(16.3)	43.6	(13.6)	c	c		
Lithuania	395	(14.0)	19.6	(13.4)	81.3	(13.7)	104.7	(14.2)	91.9	(15.1)		
Macao-China	417	(17.5)	13.8	(19.0)	69.0	(18.0)	82.1	(17.3)	85.1	(18.2)		
Montenegro	356	(4.0)	10.3	(4.8)	61.0	(5.3)	76.1	(4.8)	40.4	(6.3)		
Qatar	270	(4.7)	28.9	(5.5)	47.9	(5.5)	95.9	(6.2)	92.0	(7.6)		
Romania	302	(7.9)	41.8	(8.0)	107.1	(8.7)	129.4	(8.9)	98.5	(12.4)		
Russian Federation	392	(11.6)	57.4	(11.2)	46.1	(11.2)	44.7	(13.4)	30.0	(14.8)		
Serbia	349	(7.2)	28.1	(7.1)	55.4	(7.0)	84.5	(7.5)	45.0	(10.8)		
Slovenia	446	(6.2)	10.2	(6.9)	50.8	(6.6)	85.7	(6.4)	66.5	(9.3)		
Chinese Taipei	413	(10.1)	14.1	(9.0)	64.9	(9.6)	110.7	(9.9)	114.8	(10.1)		
Thailand ¹	400	(2.2)	a	a	52.6	(2.1)	81.0	(2.3)	57.9	(2.6)		
Tunisia	347	(9.1)	5.2	(7.6)	37.4	(8.2)	77.1	(8.4)	34.3	(9.9)		
Uruguay	364	(9.2)	17.7	(9.9)	89.2	(9.6)	70.3	(9.6)	21.5	(14.5)		

1. As there are no students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction.

2. As there are less than 30 students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.2c Performance in reading, by learning time in regular school lessons on the language of instruction

		Difference in reading performance between students who spend the following learning hours per week in regular school lessons on the language of instruction and students who do not spend any time in regular school lessons on the language of instruction															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in out-of-school-time lessons and individual study on the language of instruction							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	15.0	(10.8)	77.6	(10.6)	87.1	(10.7)	78.5	(11.2)	14.0	(11.0)	66.8	(10.8)	74.5	(10.9)	73.1	(11.5)
	Austria	8.7	(10.1)	35.0	(10.2)	3.8	(11.2)	-35.0	(14.4)	14.4	(10.2)	43.3	(10.4)	19.1	(11.8)	0.1	(14.4)
	Belgium	33.8	(10.6)	54.7	(11.9)	56.6	(12.1)	13.6	(16.3)	30.3	(9.8)	46.9	(10.4)	49.2	(10.7)	17.1	(16.1)
	Canada	-19.7	(6.0)	25.1	(5.4)	35.8	(5.0)	38.7	(5.4)	-14.4	(6.7)	28.4	(6.0)	35.7	(5.7)	39.6	(6.0)
	Czech Republic	55.4	(14.4)	93.2	(13.0)	90.2	(13.3)	69.4	(14.2)	47.9	(14.8)	84.8	(13.2)	81.4	(13.5)	65.9	(14.5)
	Denmark ²	c	c	61.4	(11.5)	81.6	(10.9)	80.5	(10.9)	c	c	56.9	(11.4)	75.5	(10.7)	75.1	(10.9)
	Finland	4.7	(12.8)	47.3	(12.1)	48.0	(11.8)	46.3	(15.1)	-2.0	(12.5)	32.4	(11.9)	31.2	(11.7)	29.8	(15.0)
	France	26.8	(13.8)	65.1	(14.9)	87.1	(14.7)	68.8	(17.9)	23.6	(14.1)	59.5	(15.1)	78.7	(15.1)	66.3	(18.4)
	Germany	12.3	(9.6)	39.0	(9.2)	32.9	(8.8)	23.3	(10.2)	14.4	(9.6)	36.6	(8.8)	32.0	(8.6)	37.5	(9.8)
	Greece	51.3	(8.0)	91.0	(8.3)	101.6	(9.0)	100.9	(9.2)	51.0	(8.4)	90.7	(8.7)	103.0	(9.5)	102.8	(9.7)
	Hungary	32.1	(9.8)	66.9	(9.6)	83.4	(10.0)	66.2	(12.7)	33.0	(9.8)	69.6	(9.3)	88.6	(9.5)	80.4	(12.5)
	Iceland ²	c	c	74.3	(8.2)	83.8	(7.8)	68.1	(9.3)	c	c	57.3	(8.1)	65.3	(7.5)	56.9	(8.9)
	Ireland	21.3	(13.3)	68.5	(13.6)	54.3	(13.7)	18.6	(14.1)	21.2	(12.7)	61.7	(13.0)	50.6	(13.3)	26.9	(13.7)
	Italy	22.5	(9.3)	54.2	(8.3)	80.1	(8.7)	70.2	(9.1)	17.2	(8.7)	48.7	(7.9)	69.0	(8.4)	60.3	(9.0)
	Japan ²	c	c	40.4	(7.6)	54.3	(8.6)	57.0	(12.6)	c	c	37.8	(7.6)	51.0	(8.5)	53.4	(12.2)
	Korea	48.3	(18.1)	101.5	(19.8)	122.8	(19.9)	128.1	(19.7)	35.8	(17.9)	88.7	(19.4)	106.4	(19.5)	111.5	(19.6)
	Luxembourg	-7.5	(7.3)	39.9	(6.2)	42.9	(6.1)	17.6	(9.7)	0.8	(7.2)	36.7	(6.5)	42.3	(6.2)	34.5	(9.9)
	Mexico	11.8	(6.8)	45.1	(7.1)	61.8	(6.6)	36.7	(7.1)	7.0	(7.0)	40.1	(7.7)	55.6	(7.1)	34.7	(7.6)
	Netherlands	-1.3	(8.2)	22.3	(7.1)	24.6	(8.3)	-42.2	(17.2)	-1.2	(8.3)	16.5	(7.4)	20.9	(8.6)	-38.5	(16.5)
	New Zealand	20.6	(17.7)	75.5	(15.9)	112.8	(15.7)	80.5	(16.8)	23.2	(17.5)	71.7	(15.8)	102.3	(15.7)	88.3	(17.2)
	Norway	57.7	(13.9)	121.7	(14.1)	137.2	(14.0)	104.9	(17.5)	55.5	(13.5)	114.1	(13.5)	129.4	(13.7)	112.3	(17.6)
	Poland	27.9	(10.9)	74.7	(10.6)	104.2	(9.8)	94.5	(10.4)	26.5	(10.7)	70.5	(10.5)	96.6	(9.8)	89.5	(10.3)
	Portugal	-8.9	(12.7)	61.5	(11.7)	57.0	(12.2)	64.2	(13.8)	-3.7	(12.5)	56.3	(11.6)	54.1	(11.9)	66.8	(13.6)
	Slovak Republic	56.8	(13.2)	80.0	(13.2)	61.7	(13.9)	69.3	(19.1)	48.9	(14.3)	68.7	(14.6)	50.3	(15.3)	54.8	(19.3)
	Spain	11.8	(8.4)	76.8	(7.8)	88.3	(7.5)	46.7	(11.5)	7.8	(8.7)	60.2	(8.2)	68.4	(8.0)	36.6	(10.7)
	Sweden	32.6	(18.0)	78.3	(17.0)	53.4	(17.9)	9.2	(22.2)	30.6	(18.3)	71.0	(17.3)	52.1	(18.3)	24.3	(22.1)
Switzerland	-24.5	(10.1)	15.7	(11.0)	14.1	(10.5)	-25.5	(11.4)	-19.8	(9.7)	13.2	(10.7)	11.4	(10.1)	-14.7	(11.2)	
Turkey	9.0	(11.2)	36.1	(11.5)	56.0	(12.0)	47.5	(12.2)	7.6	(11.6)	34.0	(11.7)	54.0	(12.1)	46.3	(12.1)	
United Kingdom	1.0	(18.8)	73.8	(19.1)	b	(19.0)	71.1	(18.5)	-5.5	(18.4)	57.6	(18.3)	59.0	(18.5)	62.2	(18.2)	
United States	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
OECD average	19.2	(12.2)	62.3	(12.1)	67.9	(12.2)	48.5	(14.3)	17.8	(12.2)	56.5	(12.0)	62.1	(12.2)	50.3	(14.3)	
Partners	Argentina	26.7	(14.6)	60.1	(14.0)	63.8	(13.7)	26.5	(19.7)	21.2	(14.4)	50.0	(13.8)	57.6	(13.4)	28.9	(21.5)
	Azerbaijan	19.0	(7.0)	38.4	(7.0)	42.6	(6.8)	40.3	(7.4)	20.0	(7.4)	39.2	(7.5)	43.5	(7.5)	43.4	(8.6)
	Brazil	17.7	(9.5)	57.0	(7.9)	67.4	(8.9)	58.5	(8.9)	11.9	(9.4)	51.9	(8.0)	64.5	(9.0)	60.8	(9.4)
	Bulgaria	25.3	(7.8)	59.7	(8.4)	69.8	(8.9)	60.1	(11.1)	21.7	(8.0)	54.9	(8.5)	67.6	(9.3)	62.3	(11.8)
	Chile	12.2	(7.1)	34.7	(7.3)	60.4	(7.6)	57.2	(7.5)	16.0	(7.3)	40.7	(7.4)	65.3	(7.6)	65.0	(7.7)
	Colombia	6.4	(12.8)	54.7	(12.7)	72.8	(12.4)	52.4	(13.8)	8.1	(12.9)	55.1	(12.7)	73.6	(12.5)	57.7	(14.6)
	Croatia	16.6	(8.7)	38.1	(8.4)	45.7	(9.2)	5.8	(11.8)	16.5	(8.3)	31.1	(7.9)	38.3	(8.5)	9.9	(12.6)
	Estonia	26.6	(14.4)	63.2	(14.1)	78.5	(14.3)	66.2	(14.0)	22.0	(13.9)	51.9	(13.4)	67.5	(13.6)	63.1	(13.5)
	Hong Kong-China	-4.3	(13.9)	54.2	(14.5)	76.0	(13.3)	72.0	(14.9)	-7.6	(13.0)	51.6	(13.8)	71.1	(12.7)	67.9	(14.0)
	Indonesia	50.7	(10.5)	81.3	(11.5)	90.1	(11.1)	87.3	(12.2)	44.6	(10.6)	74.7	(11.3)	85.0	(10.9)	84.5	(12.1)
	Israel	13.3	(9.4)	47.8	(8.4)	56.5	(9.4)	47.6	(10.8)	25.3	(9.3)	63.2	(8.1)	77.3	(9.1)	81.6	(11.4)
	Jordan	31.1	(7.3)	48.4	(7.2)	75.1	(7.3)	80.1	(7.4)	27.7	(7.8)	48.5	(7.8)	72.1	(8.2)	80.8	(8.1)
	Kyrgyzstan	24.3	(5.2)	57.7	(6.3)	79.7	(6.7)	68.8	(6.3)	22.0	(5.0)	54.2	(5.9)	73.3	(6.6)	66.0	(5.8)
	Latvia	29.5	(14.3)	60.4	(14.5)	72.7	(14.7)	68.8	(16.2)	13.1	(15.1)	43.3	(15.2)	58.5	(15.3)	60.4	(17.0)
	Liechtenstein ²	c	c	11.5	(11.5)	6.3	(10.4)	c	c	c	c	20.0	(11.5)	8.0	(10.4)	c	c
	Lithuania	16.7	(12.3)	68.2	(12.3)	86.6	(12.5)	77.5	(13.2)	10.2	(12.1)	58.2	(12.0)	72.2	(12.5)	67.5	(13.1)
	Macao-China	16.2	(18.2)	68.2	(17.4)	82.4	(16.8)	84.2	(17.5)	11.8	(18.2)	64.5	(17.3)	76.8	(16.7)	80.4	(17.4)
	Montenegro	9.6	(4.8)	48.0	(5.0)	57.2	(4.5)	28.1	(5.7)	10.8	(5.3)	43.7	(5.5)	50.2	(5.4)	27.2	(6.9)
	Qatar	30.2	(5.4)	43.2	(5.2)	87.2	(5.9)	84.8	(7.5)	28.4	(6.0)	45.7	(5.9)	92.7	(6.1)	95.3	(8.1)
	Romania	31.9	(8.7)	77.6	(9.3)	92.0	(9.4)	73.0	(12.4)	27.9	(8.8)	69.2	(9.5)	80.0	(9.8)	60.0	(14.0)
	Russian Federation	46.4	(10.6)	34.8	(10.4)	32.3	(11.6)	20.8	(13.6)	42.7	(9.6)	32.6	(9.7)	33.2	(11.3)	22.1	(12.9)
	Serbia	22.6	(6.4)	41.5	(6.6)	48.4	(6.9)	26.5	(9.5)	17.4	(6.3)	35.3	(6.5)	43.3	(7.0)	25.8	(9.8)
	Slovenia	12.3	(7.6)	37.9	(7.4)	55.1	(6.7)	43.6	(8.5)	14.0	(7.3)	39.2	(7.2)	55.8	(6.7)	48.3	(8.5)
	Chinese Taipei	9.9	(8.7)	51.7	(8.9)	77.3	(9.2)	75.2	(9.7)	4.7	(8.7)	42.4	(8.5)	64.7	(9.0)	61.9	(9.3)
	Thailand ¹	a	a	46.1	(1.7)	67.0	(1.7)	53.2	(2.0)	a	a	44.5	(1.6)	67.3	(1.7)	59.9	(1.9)
	Tunisia	17.6	(6.1)	43.6	(7.2)	74.9	(7.2)	51.1	(8.6)	18.7	(6.3)	46.5	(7.3)	77.9	(7.2)	59.5	(8.9)
Uruguay	19.6	(9.1)	65.5	(8.9)	65.3	(8.6)	35.8	(12.1)	19.6	(9.8)	61.6	(9.6)	60.7	(9.2)	35.3	(13.0)	

1. As there are no students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction.

2. As there are less than 30 students who do not spend any time in regular school lessons on the language of instruction, the first column presents language of instruction performance for students who spend less than 2 hours per week in regular school lessons on the language of instruction. Differences are computed based on students who spend less than 2 hours per week in regular school lessons on the language of instruction. Denmark, Iceland, and Japan were not included when calculating the OECD average.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 4.3 Percentage of students who think it is very important to do well in each subject, by learning time in regular school lessons

	Science												Mathematics												Language of instruction											
	All students		Students who spend less than 6 hours in school regular lessons		Students who spend 6 hours or more in school regular lessons		Difference (less than 6 hours - 6 hours or more)		All students		Students who spend less than 6 hours in school regular lessons		Students who spend 6 hours or more in school regular lessons		Difference (less than 6 hours - 6 hours or more)		All students		Students who spend less than 6 hours in school regular lessons		Students who spend 6 hours or more in school regular lessons		Difference (less than 6 hours - 6 hours or more)													
	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.												
OECD	31.2	(0.6)	29.2	(0.6)	58.6	(1.8)	-29.4	(1.9)	62.6	(0.7)	61.6	(0.7)	74.5	(1.5)	-12.9	(1.4)	64.9	(0.6)	64.4	(0.6)	73.5	(1.7)	-9.1	(1.8)												
Austria	21.6	(0.9)	20.4	(0.9)	37.7	(3.0)	-17.3	(3.3)	58.8	(0.9)	58.3	(0.9)	80.7	(2.5)	-22.3	(2.6)	55.2	(1.4)	55.1	(1.4)	77.5	(6.6)	-22.3	(6.5)												
Belgium	19.5	(0.6)	17.3	(0.6)	46.3	(2.1)	-29.0	(2.2)	47.0	(0.8)	46.7	(0.8)	60.3	(3.2)	-13.6	(3.3)	37.9	(0.8)	37.6	(0.9)	60.5	(5.2)	-22.9	(5.3)												
Canada	40.4	(0.6)	37.1	(0.7)	54.4	(1.6)	-17.3	(1.7)	67.6	(0.5)	66.3	(0.7)	72.2	(1.0)	-5.9	(1.3)	54.9	(0.6)	53.0	(0.6)	61.8	(1.0)	-8.8	(1.1)												
Czech Republic	15.0	(0.9)	12.9	(0.9)	26.7	(1.6)	-13.8	(1.9)	49.4	(1.1)	48.4	(1.2)	64.4	(3.1)	-16.1	(3.2)	47.7	(0.9)	47.4	(1.0)	57.8	(4.9)	-10.3	(5.3)												
Denmark	23.2	(0.8)	22.6	(0.7)	44.7	(6.3)	-22.1	(6.3)	63.3	(1.0)	62.0	(1.1)	74.1	(2.4)	-12.0	(2.7)	68.4	(0.8)	66.0	(1.0)	72.2	(1.1)	-6.1	(1.5)												
Finland	11.9	(0.6)	11.4	(0.6)	24.1	(3.6)	-12.7	(3.6)	32.6	(0.7)	32.6	(0.7)	37.3	(5.4)	-4.7	(5.3)	27.5	(0.9)	27.4	(0.9)	46.3	(4.7)	-18.9	(4.8)												
France	25.5	(1.0)	22.3	(0.9)	61.2	(2.5)	-38.9	(2.5)	51.8	(1.0)	51.5	(1.0)	64.2	(4.8)	-12.7	(4.9)	45.6	(0.9)	45.1	(0.9)	59.6	(4.1)	-14.5	(4.1)												
Germany	26.5	(0.8)	25.1	(0.8)	38.9	(2.5)	-13.9	(2.3)	67.1	(0.9)	66.3	(0.9)	78.2	(3.1)	-11.9	(3.1)	58.1	(0.9)	57.5	(0.8)	74.6	(3.1)	-17.1	(3.2)												
Greece	34.2	(0.9)	31.9	(0.9)	60.1	(2.4)	-28.2	(2.4)	52.5	(1.0)	51.1	(1.0)	75.4	(2.3)	-24.3	(2.2)	47.4	(1.0)	45.5	(1.0)	67.2	(2.1)	-21.2	(2.1)												
Hungary	16.4	(0.7)	15.3	(0.6)	36.6	(3.5)	-21.3	(3.4)	30.9	(1.0)	30.0	(0.9)	54.0	(4.6)	-24.0	(4.5)	35.2	(1.0)	34.0	(1.1)	71.6	(3.9)	-37.6	(4.0)												
Iceland	35.7	(0.8)	35.0	(0.8)	68.8	(5.4)	-33.8	(5.5)	80.7	(0.7)	79.9	(0.8)	86.2	(1.2)	-6.3	(1.5)	64.8	(0.7)	64.1	(0.8)	71.2	(1.7)	-7.1	(1.8)												
Ireland	30.3	(0.8)	29.9	(0.8)	52.1	(6.0)	-22.1	(6.0)	72.9	(0.7)	73.1	(0.8)	75.0	(2.5)	-1.9	(2.6)	62.8	(1.0)	62.0	(1.0)	76.2	(2.6)	-14.2	(2.7)												
Italy	28.4	(0.8)	26.8	(0.8)	40.2	(1.9)	-13.3	(1.9)	49.8	(0.7)	48.9	(0.8)	64.9	(2.0)	-16.1	(2.1)	58.5	(0.8)	56.3	(0.9)	66.0	(1.2)	-9.7	(1.5)												
Japan	24.8	(0.7)	24.6	(0.7)	36.7	(5.0)	-12.1	(4.9)	51.3	(1.1)	48.8	(1.1)	67.0	(1.9)	-18.3	(2.2)	49.5	(0.7)	48.9	(0.8)	60.6	(2.7)	-11.7	(2.7)												
Korea	24.6	(1.0)	23.8	(0.8)	44.0	(10.3)	-20.2	(10.4)	58.4	(1.0)	57.2	(1.0)	67.4	(2.0)	-10.2	(2.0)	55.2	(1.0)	54.2	(1.1)	65.6	(2.4)	-11.4	(2.7)												
Luxembourg	27.6	(0.7)	25.9	(0.7)	60.3	(3.4)	-34.3	(3.3)	52.0	(0.7)	51.2	(0.7)	68.9	(3.8)	-17.6	(3.8)	51.1	(0.7)	51.0	(0.8)	58.1	(3.7)	-7.1	(3.9)												
Mexico	41.6	(0.9)	40.5	(1.0)	46.7	(1.4)	-6.3	(1.5)	78.5	(0.6)	77.2	(0.7)	84.1	(1.1)	-6.7	(1.1)	67.9	(0.8)	66.6	(0.8)	74.6	(1.8)	-8.0	(1.7)												
Netherlands	23.3	(0.7)	21.3	(0.7)	51.0	(3.4)	-29.7	(3.3)	40.8	(0.9)	40.7	(1.0)	59.5	(6.8)	-18.8	(7.0)	38.0	(0.9)	37.5	(0.9)	62.0	(7.8)	-24.5	(7.6)												
New Zealand	33.6	(0.9)	31.4	(0.9)	57.7	(2.7)	-26.3	(2.9)	65.6	(0.7)	65.4	(0.8)	72.9	(2.7)	-7.5	(2.8)	61.9	(0.7)	61.3	(0.8)	72.9	(2.7)	-11.6	(3.0)												
Norway	28.6	(0.8)	28.4	(0.9)	45.1	(7.5)	-16.7	(7.6)	56.4	(1.0)	56.6	(1.0)	61.6	(4.6)	-5.0	(4.4)	41.7	(1.0)	41.8	(1.0)	43.5	(2.6)	-1.7	(2.9)												
Poland	23.6	(0.7)	22.5	(0.7)	50.3	(4.1)	-27.8	(4.2)	36.1	(0.8)	35.0	(0.8)	56.0	(8.8)	-44.7	(1.9)	-9.7	(1.9)	42.2	(0.7)	40.7	(1.8)	-1.4	(1.7)												
Portugal	38.4	(1.0)	32.1	(1.1)	62.0	(1.8)	-29.9	(2.1)	54.9	(1.0)	53.4	(1.1)	70.5	(2.3)	-17.0	(2.5)	43.4	(1.1)	42.9	(1.1)	50.6	(3.8)	-7.7	(3.7)												
Slovak Republic	16.7	(0.7)	15.0	(0.7)	32.6	(2.5)	-17.6	(2.5)	47.4	(1.2)	47.1	(1.2)	60.2	(5.0)	-13.0	(5.0)	53.9	(1.0)	53.9	(1.0)	69.8	(5.7)	-15.8	(5.8)												
Spain	36.4	(0.8)	33.2	(0.8)	63.1	(1.8)	-29.9	(2.1)	55.8	(0.7)	56.1	(0.7)	61.9	(4.2)	-5.8	(4.3)	47.7	(0.6)	47.8	(0.7)	58.4	(3.6)	-10.6	(3.7)												
Sweden	27.0	(0.8)	26.7	(0.8)	56.5	(6.1)	-29.8	(6.1)	58.8	(0.9)	58.9	(0.9)	62.5	(7.4)	-3.5	(7.4)	61.5	(1.1)	61.2	(1.1)	79.1	(5.1)	-17.9	(4.6)												
Switzerland	16.9	(0.6)	15.6	(0.5)	38.6	(2.8)	-23.0	(2.7)	60.6	(0.9)	59.9	(0.9)	68.1	(2.3)	-8.2	(2.4)	52.6	(0.8)	51.7	(0.8)	71.2	(2.7)	-19.5	(2.8)												
Turkey	44.1	(1.1)	39.5	(1.2)	65.3	(1.8)	-25.9	(2.2)	69.8	(1.0)	68.3	(1.0)	85.1	(2.2)	-16.7	(2.3)	64.6	(1.3)	62.6	(1.4)	80.7	(2.2)	-18.2	(2.3)												
United Kingdom	41.3	(0.8)	39.3	(0.8)	55.9	(2.2)	-16.7	(2.2)	66.4	(0.9)	66.0	(0.9)	78.9	(2.3)	-12.9	(2.5)	67.7	(0.8)	67.6	(0.8)	74.4	(2.6)	-6.8	(2.6)												
United States	43.0	(0.6)	41.3	(0.7)	56.5	(1.9)	-15.3	(2.0)	68.7	(0.9)	67.7	(0.9)	76.1	(1.7)	-8.4	(1.7)	60.2	(0.9)	59.6	(1.0)	67.3	(1.9)	-7.7	(1.8)												
OECD average	28.4	(0.1)	26.6	(0.1)	49.1	(0.7)	-22.5	(0.7)	57.0	(0.2)	56.2	(0.2)	68.4	(0.6)	-12.1	(0.6)	52.9	(0.2)	52.1	(0.2)	65.8	(0.7)	-13.6	(0.7)												
Partners	41.9	(1.1)	40.9	(1.1)	55.5	(5.5)	-14.5	(5.6)	61.0	(1.1)	60.9	(1.1)	75.0	(4.0)	-14.0	(4.3)	49.3	(1.1)	49.5	(1.2)	46.9	(6.9)	2.7	(7.1)												
Azerbaijan	54.3	(1.2)	52.4	(1.2)	64.4	(3.1)	-12.0	(3.2)	50.2	(1.2)	46.8	(1.3)	60.3	(1.9)	-13.6	(1.8)	69.6	(1.2)	67.9	(1.3)	79.6	(1.7)	-11.7	(1.8)												
Brazil	41.4	(0.7)	40.5	(0.7)	60.4	(4.6)	-19.9	(4.6)	64.2	(0.8)	63.4	(0.9)	74.3	(2.2)	-10.9	(2.3)	71.1	(0.7)	70.4	(0.8)	79.4	(1.8)	-9.0	(1.9)												
Bulgaria	31.9	(1.0)	29.7	(1.0)	47.2	(2.5)	-17.5	(2.6)	58.2	(1.4)	57.0	(1.5)	77.1	(2.4)	-20.2	(2.5)	61.3	(1.3)	60.9	(1.4)	78.4	(2.8)	-17.5	(2.8)												
Chile	47.0	(1.1)	45.7	(1.1)	65.3	(3.3)	-19.5	(3.2)	77.1	(0.7)	76.3	(0.8)	83.1	(1.3)	-6.7	(1.4)	72.1	(1.1)	71.5	(1.2)	77.9	(1.3)	-6.4	(1.5)												
Colombia	53.4	(1.2)	51.4	(1.2)	70.0	(3.8)	-18.6	(4.1)	70.4	(0.8)	69.0	(0.9)	77.9	(2.2)	-8.9	(2.4)	63.3	(1.1)	62.2	(1.1)	73.7	(3.2)	-11.4	(3.3)												
Croatia	18.7	(0.8)	18.3	(0.8)	39.2	(4.9)	-20.9	(4.9)	37.0	(1.0)	36.8	(0.9)	51.9	(6.8)	-15.1	(6.7)	42.0	(1.1)	41.9	(1.1)	47.7	(5.4)	-5.7	(5.6)												
Estonia	24.1	(0.8)	23.2	(0.9)	30.7	(2.2)	-7.4	(2.4)	58.6	(1.0)	58.2	(1.0)	65.0	(2.3)	-6.8	(2.3)	54.6	(0.9)	54.5	(0.9)	58.9	(3.9)	-4.4	(4.0)												
Hong Kong-China	34.6	(0.9)	33.7	(1.1)	60.0	(1.6)	-36.3	(2.1)	55.9	(1.3)	52.2	(1.6)	60.8	(1.4)	-8.6	(1.8)	52.8	(1.0)	49.9	(1.5)	57.2	(2.5)	-7.3	(2.3)												
Indonesia	43.1	(1.4)	40.9	(1.4)	58.3	(2.4)	-17.5	(2.5)	60.1	(0.9)	58.8	(1.0)	67.0	(2.2)	-8.2	(2.3)	58.2	(1.0)	56.9	(1.1)	68.5	(2.1)	-11.6	(2.4)												
Israel	34.6	(0.9)	32.0	(1.0)	61.7	(3.4)	-29.7	(3.5)	68.7	(1.1)	67.1	(1.2)	83.0	(1.3)	-15.9	(1.4)	50.3	(1.1)	48.7	(1.1)	63.2	(3.2)	-14.5	(3.2)												
Jordan	59.3	(0.8)	57.1	(0.9)	70.9	(1.9)	-13.8	(2.0)	58.1	(1.0)	55.6	(1.1)	71.6	(1.8)	-15.9	(1.8)	52.9	(1.0)	51.2	(1.1)	61.2	(1.7)	-10.0	(1.9)												
Kyrgyzstan	49.4	(0.9)	47.3	(1.0)	57.8	(3.1)	-10.5	(3.1)	61.9	(0.9)	59.8	(0.9)	72.4	(1.8)	-12.6	(1.9)	64.8	(0.7)	63.2	(0.7)	73.4	(2.3)	-10.3	(2.4)												
Latvia	15.4	(0.7)	13.9	(0.7)	31.1	(2.1)	-17.1	(2.1)	61.0	(0.9)	60.1	(1.0)	66.6	(1.9)	-6.6	(2.1)	52.2	(1.0)	51.9	(1.0)	60.8	(3.0)	-8.9	(3.1)												
Liechtenstein	20.0	(1.8)	19.1	(2.0)	31.4	(9.6)	-12.3	(10.7)	54.8	(2.6)	53.2	(2.6)	71.6	(8.9)	-18.4	(8.7)	45.6	(2.4)	44.7	(2.5)	53.7	(15.3)	-9.0	(15.7)												
Lithuania	32.7	(0.8)	32.0	(0.8)	47.6	(3.6)	-15.6	(3.8)	61.8	(0.9)	61.3	(0.9)	70.1	(2.8)	-8.8	(2.8)	63.1	(1.1)	62.2	(1.2)	73.2	(2.5)	-11.0	(2.8)												
Macao-China	26.4	(0.9)	21.4	(1.0)	40.3	(1.9)	-18.9	(2.1)	39.1	(0.9)	35.8	(1.2)	43.1	(1.4)	-7.2	(1.8)	60.1	(1.1)	56.2	(1.5)	65.3	(1.6)	-9.1	(2.2)												
Montenegro	33.4	(0.8)	31.3	(0.9)	47.7	(2.4)	-16.3	(2.8)	37.4	(0.7)	35.8	(0.8)	49.0	(2.4)	-13.2	(2.5)	56.3	(0.7)	54.9	(0.8)	70.6	(2.3)	-12.7	(2.5)												
Qatar	51.7	(0.6)	50.2	(0.6)	64.0	(1.8)	-13.8	(1.8)	49.2	(0.7)	47.8	(0.7)	62.1	(2.0)	-14.3	(2.0)	46.5	(0.7)	45.3	(0.7)	55.7	(2.2)	-10.4	(2.3)												
Romania	24.9	(0.7)	23.7	(0.8)	36.7	(2.2)	-13.0	(2.6)	55.3	(1.5)	53.8	(1.7)	77.7	(3.1)	-23.9	(3.5)	63.3	(1.1)	62.5	(1.2)	80.0	(3.2)	-17.5	(3.5)												
Russian Federation	22.																																			



Table 4.4 Percentage of students who take optional science courses, by learning time in regular lessons in science

	Percentage of students who take optional science courses										Difference (4 to 6 hours - 6 hours or more)	
	No time		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week			
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Dif.	S.E.
OECD												
Australia	61.3	(2.9)	44.3	(2.1)	37.7	(1.6)	35.5	(1.7)	61.7	(2.2)	-26.2	(2.1)
Austria	25.4	(2.4)	22.5	(1.3)	16.6	(1.3)	11.1	(1.5)	21.4	(3.9)	-10.3	(3.8)
Belgium	18.9	(2.2)	19.3	(1.0)	13.5	(0.9)	58.8	(1.8)	50.0	(2.7)	8.8	(3.2)
Canada	19.6	(1.7)	27.6	(1.6)	23.2	(1.1)	26.4	(1.0)	30.8	(1.1)	-4.4	(1.4)
Czech Republic	17.9	(2.9)	24.6	(1.9)	22.0	(1.7)	14.2	(1.8)	12.7	(1.7)	1.5	(2.1)
Denmark	35.1	(5.5)	30.0	(2.3)	19.7	(1.0)	20.0	(1.3)	38.1	(6.8)	-18.1	(6.9)
Finland	13.6	(3.0)	13.2	(1.2)	10.6	(1.0)	12.0	(1.4)	20.0	(3.5)	-7.9	(3.0)
France	15.1	(1.9)	9.2	(1.0)	7.3	(0.7)	6.4	(1.1)	10.7	(2.0)	-4.3	(2.2)
Germany	30.7	(2.5)	25.8	(1.6)	25.5	(1.7)	27.8	(1.9)	36.8	(2.8)	-9.0	(2.9)
Greece	61.8	(3.1)	49.9	(2.3)	35.4	(1.5)	30.7	(1.4)	46.7	(2.8)	-16.0	(2.8)
Hungary	19.1	(3.5)	15.8	(1.2)	15.0	(1.1)	13.4	(1.5)	27.3	(4.0)	-13.9	(4.0)
Iceland	33.1	(5.9)	27.7	(1.5)	34.1	(0.9)	52.0	(1.9)	69.2	(5.2)	-17.1	(5.3)
Ireland	68.1	(3.6)	62.2	(2.4)	49.3	(2.0)	55.5	(2.4)	77.9	(4.2)	-22.4	(4.4)
Italy	a	a	a	a	a	a	a	a	a	a	a	a
Japan	40.0	(6.6)	21.1	(1.7)	20.2	(1.2)	24.7	(2.4)	36.5	(9.1)	-11.8	(9.0)
Korea	80.7	(6.9)	73.7	(3.1)	67.0	(2.2)	69.7	(2.2)	83.3	(5.4)	-13.6	(5.7)
Luxembourg	26.6	(2.4)	25.2	(1.1)	24.5	(1.2)	20.3	(1.9)	21.9	(2.6)	-1.6	(3.0)
Mexico	59.5	(1.7)	69.9	(1.6)	61.8	(1.8)	59.5	(1.8)	65.2	(2.1)	-5.7	(2.8)
Netherlands	45.2	(2.9)	42.9	(1.7)	42.5	(1.6)	43.3	(2.2)	59.6	(3.4)	-16.3	(3.6)
New Zealand	60.8	(4.2)	59.4	(3.0)	41.5	(2.4)	42.1	(2.0)	77.3	(2.5)	-35.2	(2.5)
Norway	a	a	a	a	a	a	a	a	a	a	a	a
Poland	a	a	a	a	a	a	a	a	a	a	a	a
Portugal	49.1	(4.2)	41.7	(2.2)	36.8	(1.9)	52.2	(2.2)	55.7	(2.3)	-3.6	(2.7)
Slovak Republic	20.8	(1.8)	16.9	(0.9)	15.4	(1.3)	14.9	(1.8)	12.7	(2.0)	2.2	(2.4)
Spain	54.0	(2.8)	43.1	(1.5)	50.0	(1.3)	55.4	(2.1)	70.3	(2.4)	-14.8	(2.9)
Sweden	36.2	(8.1)	17.6	(2.2)	10.8	(0.8)	14.1	(2.2)	48.7	(8.7)	-34.6	(9.0)
Switzerland	33.4	(1.8)	24.3	(1.0)	19.8	(1.2)	18.2	(1.7)	14.9	(2.6)	3.4	(3.4)
Turkey	60.5	(2.9)	58.4	(2.5)	44.3	(1.8)	33.7	(3.5)	39.6	(2.7)	-5.9	(3.8)
United Kingdom	68.8	(5.5)	69.2	(3.4)	74.2	(1.8)	70.7	(1.9)	79.2	(2.3)	-8.6	(3.0)
United States	47.6	(3.4)	46.2	(1.9)	45.2	(2.2)	34.7	(1.7)	45.8	(2.1)	-11.1	(2.4)
OECD average	40.8	(0.8)	36.4	(0.4)	32.0	(0.3)	34.0	(0.4)	45.0	(0.8)	-11.0	(0.8)
Partners												
Argentina	66.3	(3.6)	59.9	(2.8)	52.5	(3.2)	54.9	(5.4)	63.1	(7.1)	-8.2	(9.1)
Azerbaijan	73.1	(2.6)	64.5	(2.3)	57.0	(2.6)	61.5	(3.3)	62.1	(3.5)	-0.6	(4.0)
Brazil	69.6	(5.1)	68.8	(2.6)	64.2	(2.7)	46.1	(7.0)	48.0	(6.3)	-1.9	(8.7)
Bulgaria	48.6	(3.2)	40.9	(1.8)	31.3	(1.7)	28.3	(2.5)	29.6	(2.7)	-1.3	(3.1)
Chile	47.5	(3.1)	39.1	(2.0)	32.9	(2.3)	29.7	(2.5)	31.0	(2.5)	-1.3	(2.9)
Colombia	76.4	(5.7)	82.3	(2.6)	73.8	(2.3)	74.4	(3.9)	78.6	(9.5)	-4.3	(8.1)
Croatia	13.2	(2.2)	7.7	(0.9)	7.8	(0.7)	8.2	(1.4)	13.9	(3.5)	-5.7	(4.0)
Estonia	46.8	(5.8)	34.4	(2.0)	27.3	(1.5)	18.5	(1.4)	17.6	(2.0)	0.9	(2.2)
Hong Kong-China	50.0	(4.0)	47.1	(3.3)	32.4	(2.4)	31.1	(2.5)	35.1	(1.8)	-4.0	(3.1)
Indonesia	79.7	(3.1)	72.9	(1.4)	66.5	(1.3)	66.6	(2.9)	69.1	(2.6)	-2.4	(3.0)
Israel	62.8	(2.6)	50.6	(2.2)	54.7	(1.7)	63.5	(3.0)	72.5	(3.0)	-9.0	(3.9)
Jordan	68.9	(2.8)	59.0	(2.1)	47.7	(1.9)	32.7	(2.3)	35.3	(2.6)	-2.6	(3.1)
Kyrgyzstan	74.9	(1.7)	73.3	(1.3)	71.4	(1.8)	66.7	(2.7)	67.8	(4.7)	-1.1	(4.8)
Latvia	49.0	(3.3)	40.1	(1.5)	34.7	(1.6)	28.4	(2.1)	26.7	(2.5)	1.8	(3.1)
Liechtenstein	63.7	(15.3)	28.1	(4.2)	31.7	(3.5)	21.8	(7.9)	13.4	(8.3)	8.4	(11.4)
Lithuania	40.3	(5.5)	24.9	(1.4)	19.5	(1.3)	14.5	(1.5)	19.5	(3.2)	-5.0	(3.5)
Macao-China	68.6	(3.6)	60.7	(2.8)	48.9	(1.7)	46.4	(2.2)	45.1	(2.0)	1.3	(3.0)
Montenegro	61.0	(2.8)	53.5	(1.5)	39.1	(1.6)	34.2	(1.8)	36.0	(2.7)	-1.8	(3.4)
Qatar	78.3	(1.8)	71.7	(1.2)	56.6	(1.4)	52.1	(1.9)	51.1	(2.1)	1.0	(2.5)
Romania	68.7	(2.9)	63.0	(2.1)	61.2	(3.2)	59.8	(4.5)	66.1	(2.9)	-6.3	(5.9)
Russian Federation	4.0	(1.4)	3.2	(0.9)	2.4	(0.7)	1.3	(0.3)	1.9	(1.1)	-0.6	(1.0)
Serbia	a	a	a	a	a	a	a	a	a	a	a	a
Slovenia	20.0	(1.8)	17.4	(0.9)	13.7	(1.0)	10.7	(1.3)	10.5	(1.5)	0.2	(1.9)
Chinese Taipei	34.0	(3.8)	34.3	(1.8)	27.9	(1.0)	17.8	(1.3)	17.7	(2.0)	0.2	(1.9)
Thailand	a	a	77.3	(5.9)	68.2	(1.2)	65.5	(1.9)	68.9	(2.1)	-3.4	(2.3)
Tunisia	85.3	(2.1)	74.9	(1.3)	73.0	(1.5)	72.3	(3.1)	70.1	(2.9)	2.2	(3.5)
Uruguay	36.9	(3.2)	27.9	(1.9)	21.8	(1.6)	22.4	(2.8)	18.0	(2.7)	4.5	(4.0)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 4.5a Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science

	Time spent in regular school lessons in science		Time spent in regular school lessons in science (squared)		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		PISA index of economic, social and cultural status of students (1 unit increase)		School average of PISA index of economic, social and cultural status of students (1 unit increase)		Intercept	
	(1)		(2)		(3)		(1) * (3)		(4)		(5)			
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Mean	S.E.
OECD	24.5	(1.9)	-2.0	(0.3)	22.6	(6.0)	3.9	(1.4)	43.6	(4.6)	23.1	(1.5)	452.5	(3.3)
Australia	16.1	(2.5)	-1.0	(0.4)	-4.6	(6.9)	5.0	(1.9)	98.7	(7.0)	9.3	(1.8)	456.9	(3.9)
Austria	20.3	(2.0)	-1.6	(0.3)	-3.6	(7.3)	3.0	(1.7)	86.8	(5.2)	14.1	(1.2)	461.7	(3.6)
Belgium	16.4	(2.0)	-1.3	(0.3)	12.2	(6.1)	3.8	(1.2)	33.7	(4.4)	18.7	(1.4)	470.2	(4.0)
Canada	7.7	(2.6)	0.5	(0.4)	-25.1	(7.7)	6.5	(1.5)	85.4	(7.5)	17.1	(1.6)	483.3	(4.3)
Czech Republic	35.6	(3.8)	-3.8	(0.6)	16.0	(8.6)	1.7	(2.3)	36.8	(7.4)	28.1	(1.9)	408.0	(6.9)
Denmark	23.2	(3.0)	-1.6	(0.4)	37.4	(9.5)	2.2	(2.2)	7.3	(5.8)	23.9	(1.5)	499.1	(5.1)
Finland	24.9	(2.5)	-1.9	(0.3)	-1.1	(7.5)	7.3	(1.7)	72.5	(4.8)	13.8	(1.7)	453.5	(4.8)
France	11.5	(2.2)	-0.4	(0.3)	8.8	(6.1)	1.5	(1.6)	93.3	(5.9)	12.7	(1.4)	457.3	(4.4)
Germany	29.7	(2.5)	-2.8	(0.3)	-5.4	(5.0)	6.5	(1.2)	48.2	(4.9)	10.6	(1.5)	424.7	(4.8)
Greece	7.5	(2.4)	0.2	(0.4)	-6.6	(6.2)	3.5	(1.6)	78.8	(4.5)	5.2	(1.5)	491.8	(4.2)
Hungary	35.4	(4.2)	-5.0	(0.7)	21.2	(8.8)	7.1	(2.3)	-0.7	(4.9)	23.5	(1.9)	411.0	(7.3)
Iceland	27.8	(2.8)	-3.5	(0.5)	23.9	(6.8)	2.6	(2.3)	41.3	(5.8)	22.0	(2.0)	465.2	(4.7)
Ireland	17.6	(1.8)	-1.0	(0.3)	-14.1	(4.7)	3.6	(1.2)	78.5	(5.2)	6.3	(1.0)	444.3	(3.9)
Italy	18.2	(3.8)	-1.8	(0.6)	15.6	(7.2)	2.8	(2.1)	115.5	(9.2)	4.5	(2.2)	496.6	(6.8)
Japan	25.4	(5.4)	-2.5	(0.7)	6.9	(9.7)	3.1	(2.4)	72.4	(7.7)	7.5	(1.8)	466.0	(11.2)
Korea	17.7	(1.9)	-1.7	(0.3)	-7.2	(5.5)	5.8	(1.5)	67.0	(2.4)	22.0	(1.4)	451.6	(2.7)
Luxembourg	4.9	(1.3)	-0.6	(0.2)	-3.2	(3.0)	2.6	(0.7)	35.7	(2.2)	6.3	(0.8)	445.8	(3.0)
Mexico	11.1	(2.1)	-0.1	(0.3)	0.5	(6.4)	2.6	(1.7)	104.9	(6.2)	9.6	(1.7)	471.3	(3.5)
Netherlands	34.5	(2.8)	-2.5	(0.4)	-4.1	(10.7)	6.6	(2.1)	41.3	(5.9)	32.5	(1.6)	428.6	(5.2)
New Zealand	44.6	(3.5)	-6.6	(0.6)	18.8	(9.3)	1.6	(3.0)	29.2	(7.3)	25.7	(2.0)	400.5	(6.4)
Norway	23.5	(2.4)	-2.1	(0.4)	-0.4	(6.7)	5.2	(1.9)	15.1	(5.1)	32.2	(1.6)	467.3	(4.0)
Poland	19.9	(3.0)	-1.2	(0.4)	1.1	(7.9)	6.9	(1.6)	27.0	(3.4)	11.0	(1.4)	437.0	(5.1)
Portugal	22.0	(2.5)	-1.6	(0.3)	-10.8	(6.5)	3.9	(1.6)	60.5	(5.0)	17.4	(1.8)	464.0	(3.8)
Slovak Republic	10.9	(1.6)	-0.3	(0.2)	2.3	(5.1)	6.7	(1.2)	16.7	(2.7)	17.9	(1.3)	462.9	(3.2)
Spain	41.4	(3.6)	-5.5	(0.6)	25.0	(9.8)	2.3	(3.1)	29.6	(6.5)	27.7	(2.4)	420.4	(6.7)
Sweden	26.3	(2.5)	-2.1	(0.4)	16.9	(6.9)	1.2	(1.7)	63.5	(5.7)	21.5	(1.6)	460.3	(3.8)
Switzerland	4.6	(1.7)	0.5	(0.3)	-0.2	(4.2)	2.1	(1.0)	54.4	(4.5)	7.0	(1.2)	480.3	(6.8)
Turkey	31.7	(3.4)	-2.0	(0.4)	-7.6	(6.8)	5.9	(1.3)	56.3	(5.0)	26.4	(1.9)	404.0	(7.8)
United Kingdom	21.6	(2.5)	-1.6	(0.4)	5.6	(6.0)	3.1	(1.3)	47.6	(6.4)	26.7	(1.8)	426.5	(4.4)
United States	21.9	(0.5)	-1.9	(0.1)	4.7	(1.3)	4.0	(0.3)	54.7	(1.0)	17.5	(0.3)	452.1	(1.0)
OECD average	21.9	(0.5)	-1.9	(0.1)	4.7	(1.3)	4.0	(0.3)	54.7	(1.0)	17.5	(0.3)	452.1	(1.0)
Partners	13.9	(3.2)	-0.8	(0.5)	-14.7	(7.3)	4.4	(2.5)	48.2	(5.9)	12.1	(1.8)	415.3	(6.9)
Argentina	13.1	(2.5)	-1.0	(0.3)	-1.1	(4.0)	-1.4	(1.1)	11.0	(4.9)	6.5	(1.0)	371.7	(4.3)
Azerbaijan	13.6	(2.1)	-0.5	(0.4)	-12.1	(4.9)	4.1	(1.8)	41.8	(3.3)	6.7	(1.4)	424.4	(4.6)
Brazil	18.2	(2.6)	-1.4	(0.4)	-12.9	(4.9)	3.2	(1.5)	71.0	(6.0)	12.0	(1.6)	426.3	(5.0)
Bulgaria	12.6	(1.8)	-0.7	(0.3)	-3.4	(3.7)	2.1	(1.3)	42.8	(3.3)	9.1	(1.4)	453.0	(4.0)
Chile	7.0	(3.1)	-0.4	(0.4)	-14.8	(7.8)	3.9	(1.7)	26.1	(3.3)	10.9	(1.8)	412.2	(6.1)
Colombia	14.9	(2.3)	-1.5	(0.4)	3.8	(6.9)	2.5	(2.1)	71.7	(6.4)	13.2	(1.5)	483.3	(3.6)
Croatia	18.3	(3.0)	-0.9	(0.4)	-5.7	(6.5)	5.2	(1.6)	37.2	(7.1)	19.1	(1.9)	475.3	(5.1)
Estonia	-7.8	(2.8)	2.1	(0.4)	15.8	(8.6)	2.6	(1.5)	52.4	(6.4)	3.2	(1.8)	564.4	(6.4)
Hong Kong-China	12.0	(3.9)	-0.7	(0.4)	-12.1	(4.7)	1.9	(1.2)	42.9	(5.2)	1.1	(1.0)	434.5	(8.4)
Indonesia	22.1	(2.4)	-1.8	(0.4)	8.3	(7.0)	4.6	(2.0)	66.6	(8.7)	20.5	(2.5)	403.1	(4.5)
Israel	15.9	(2.2)	-1.2	(0.3)	-2.6	(3.9)	4.6	(1.1)	23.1	(4.6)	16.1	(1.2)	409.8	(4.6)
Jordan	16.2	(2.3)	-1.4	(0.3)	-11.1	(3.1)	0.1	(1.1)	69.7	(5.8)	4.8	(1.5)	366.5	(4.7)
Kyrgyzstan	18.0	(2.9)	-1.0	(0.4)	0.8	(7.3)	1.6	(1.7)	27.8	(6.6)	19.0	(2.1)	452.0	(4.2)
Latvia	16.5	(7.2)	-0.9	(1.1)	-13.5	(24.3)	8.7	(7.0)	141.2	(10.3)	14.7	(5.4)	456.6	(11.7)
Liechtenstein	24.4	(2.8)	-2.2	(0.4)	2.5	(5.1)	3.4	(1.6)	44.8	(5.6)	21.5	(1.5)	440.8	(4.0)
Lithuania	12.6	(2.4)	0.4	(0.3)	15.6	(9.6)	0.4	(1.9)	26.5	(3.4)	5.0	(1.9)	473.7	(4.5)
Macao-China	19.9	(2.1)	-1.8	(0.3)	-14.3	(4.0)	3.0	(1.1)	64.7	(3.6)	6.7	(1.5)	386.2	(2.8)
Montenegro	18.8	(1.7)	-1.4	(0.3)	0.6	(3.3)	4.2	(1.0)	41.9	(2.4)	-1.1	(1.4)	306.6	(2.5)
Qatar	18.7	(2.7)	-1.9	(0.4)	-14.2	(5.5)	6.4	(1.6)	53.8	(6.2)	11.1	(2.6)	418.9	(5.4)
Romania	13.2	(2.4)	-0.6	(0.3)	-12.4	(6.5)	3.6	(1.5)	41.7	(6.8)	19.0	(1.8)	450.2	(4.4)
Russian Federation	17.8	(2.0)	-1.3	(0.3)	-4.8	(5.4)	2.3	(1.5)	63.2	(5.0)	9.8	(1.3)	412.8	(3.7)
Serbia	11.0	(2.3)	-0.3	(0.3)	6.8	(4.9)	1.3	(1.4)	108.2	(6.6)	7.4	(1.8)	477.2	(3.3)
Slovenia	23.3	(2.4)	-2.2	(0.3)	13.0	(4.5)	3.1	(1.3)	94.1	(6.0)	9.3	(1.5)	521.2	(5.0)
Chinese Taipei	-4.2	(6.0)	1.9	(0.7)	2.5	(5.1)	3.1	(1.3)	32.0	(2.4)	6.4	(1.2)	451.1	(12.4)
Thailand	13.6	(2.8)	-1.1	(0.4)	6.0	(5.1)	4.0	(1.4)	33.9	(4.0)	2.1	(1.3)	399.3	(6.8)
Tunisia	7.9	(2.6)	-0.3	(0.4)	-7.7	(4.9)	3.8	(1.4)	42.3	(3.5)	11.9	(1.5)	446.4	(3.7)
Uruguay														

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.5b Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science in academic and vocational schools

	Relationship between performance in science and learning time in regular school lessons in science, by students' perception of how important it is to do well in science in academic and vocational schools																		
	All students				Students from academic schools						Students from vocational schools								
	Time spent in regular school lessons in science		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		Time spent in regular school lessons in science		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		Time spent in regular school lessons in science		Students who think it is very important to do well in science (1=very important 0=not very important)		Differential effect of time spent in regular school lessons in science for students who think it is very important to do well in science		
			(1)	(2)	(1) * (2)	(3)			(4)	(3) * (4)	(5)	(6)			(5) * (6)				
Change in score		S.E.		Change in score		S.E.		Change in score		S.E.		Change in score		S.E.		Change in score		S.E.	
OECD	Australia	24.5	(1.9)	22.6	(6.0)	3.9	(1.4)	24.5	(2.2)	23.2	(5.7)	3.9	(1.4)	23.6	(6.8)	16.1	(32.0)	3.3	(6.5)
	Austria	16.1	(2.5)	-4.6	(6.9)	5.0	(1.9)	13.6	(4.2)	-10.7	(14.1)	8.6	(3.4)	16.4	(2.6)	3.0	(6.6)	1.8	(2.1)
	Belgium	20.3	(2.0)	-3.6	(7.3)	3.0	(1.7)	7.0	(2.7)	10.4	(10.0)	0.0	(2.1)	22.5	(3.6)	-27.0	(9.6)	7.1	(2.7)
	Canada	16.4	(2.0)	12.2	(6.1)	3.8	(1.2)	16.4	(2.0)	12.2	(6.1)	3.8	(1.2)	a	a	a	a	a	a
	Czech Republic	7.7	(2.6)	-25.1	(7.7)	6.5	(1.5)	13.0	(3.2)	-11.0	(7.8)	4.6	(1.4)	10.1	(4.1)	-23.6	(13.4)	5.6	(3.4)
	Denmark	35.6	(3.8)	16.0	(8.6)	1.7	(2.3)	35.6	(3.8)	16.0	(8.6)	1.7	(2.3)	a	a	a	a	a	a
	Finland	23.2	(3.0)	37.4	(9.5)	2.2	(2.2)	23.2	(3.0)	37.4	(9.5)	2.2	(2.2)	a	a	a	a	a	a
	France	24.9	(2.5)	-1.1	(7.5)	7.3	(1.7)	29.4	(2.6)	0.8	(8.1)	7.0	(1.9)	8.0	(4.9)	-2.7	(18.7)	-4.1	(8.1)
	Germany	11.5	(2.2)	8.8	(6.1)	1.5	(1.6)	13.5	(2.2)	8.6	(6.2)	1.6	(1.5)	c	c	c	c	c	c
	Greece	29.7	(2.5)	-5.4	(5.0)	6.5	(1.2)	26.9	(2.9)	-3.6	(6.8)	5.9	(1.5)	25.7	(4.6)	-13.5	(7.8)	4.4	(3.8)
	Hungary	7.5	(2.4)	-6.6	(6.2)	3.5	(1.6)	10.9	(4.0)	-4.8	(9.5)	4.9	(2.4)	4.7	(3.0)	-0.0	(8.2)	-1.9	(2.5)
	Iceland	35.4	(4.2)	21.2	(8.8)	7.1	(2.3)	35.8	(4.2)	20.0	(8.7)	7.4	(2.3)	c	c	c	c	c	c
	Ireland	27.8	(2.8)	23.9	(6.8)	2.6	(2.3)	27.0	(2.8)	25.0	(6.7)	2.4	(2.3)	c	c	c	c	c	c
	Italy	17.6	(1.8)	-14.1	(4.7)	3.6	(1.2)	24.2	(3.8)	3.8	(8.5)	1.1	(2.0)	13.4	(1.7)	-26.1	(5.9)	5.0	(1.5)
	Japan	18.2	(3.8)	15.6	(7.2)	2.8	(2.1)	22.4	(4.7)	19.1	(8.7)	2.5	(2.5)	12.6	(8.6)	18.8	(12.0)	-3.9	(4.7)
	Korea	25.4	(5.4)	6.9	(9.7)	3.1	(2.4)	29.5	(9.1)	11.4	(13.2)	2.3	(3.3)	15.3	(6.3)	-10.9	(15.0)	5.0	(4.2)
	Luxembourg	17.7	(1.9)	-7.2	(5.5)	5.8	(1.5)	26.6	(2.3)	-2.4	(5.8)	3.7	(1.8)	14.3	(5.0)	19.9	(16.2)	-1.9	(3.2)
	Mexico	4.9	(1.3)	-3.2	(3.0)	2.6	(0.7)	9.9	(1.5)	-1.4	(4.0)	2.3	(0.9)	-2.2	(1.6)	-3.9	(3.6)	2.7	(0.8)
	Netherlands	11.1	(2.1)	0.5	(6.4)	2.6	(1.7)	5.9	(2.1)	1.4	(7.6)	2.2	(1.8)	10.7	(4.7)	-3.7	(8.1)	1.8	(4.1)
	New Zealand	34.5	(2.8)	-4.1	(10.7)	6.6	(2.1)	34.5	(2.8)	-4.1	(10.7)	6.6	(2.1)	a	a	a	a	a	a
	Norway	44.6	(3.5)	18.8	(9.3)	1.6	(3.0)	44.6	(3.5)	18.8	(9.3)	1.6	(3.0)	a	a	a	a	a	a
	Poland	23.5	(2.4)	-0.4	(6.7)	5.2	(1.9)	23.5	(2.4)	-0.4	(6.7)	5.2	(1.9)	a	a	a	a	a	a
	Portugal	19.9	(3.0)	1.1	(7.9)	6.9	(1.6)	18.7	(3.3)	3.5	(8.1)	7.3	(1.7)	26.5	(6.5)	-24.7	(19.5)	6.4	(4.2)
	Slovak Republic	22.0	(2.5)	-10.8	(6.5)	3.9	(1.6)	28.6	(3.3)	-6.5	(8.4)	3.8	(2.0)	21.6	(4.1)	-0.9	(9.7)	-1.2	(2.4)
	Spain	10.9	(1.6)	2.3	(5.1)	6.7	(1.2)	10.9	(1.6)	2.3	(5.1)	6.7	(1.2)	a	a	a	a	a	a
	Sweden	41.4	(3.6)	25.0	(9.8)	2.3	(3.1)	42.6	(3.5)	26.0	(9.7)	2.1	(3.1)	c	c	c	c	c	c
	Switzerland	26.3	(2.5)	16.9	(6.9)	1.2	(1.7)	28.5	(2.7)	20.0	(6.7)	0.3	(1.6)	12.9	c	c	c	c	c
	Turkey	4.6	(1.7)	-0.2	(4.2)	2.1	(1.0)	8.9	(2.1)	-3.7	(6.5)	2.4	(1.4)	-0.5	(2.5)	0.6	(5.5)	1.8	(1.7)
	United Kingdom	31.7	(3.4)	-7.6	(6.8)	5.9	(1.3)	31.7	(3.4)	-7.6	(6.8)	5.9	(1.3)	a	a	a	a	a	a
	United States	21.6	(2.5)	5.6	(6.0)	3.1	(1.3)	21.6	(2.5)	5.6	(6.0)	3.1	(1.3)	a	a	a	a	a	a
	OECD average	21.9	(0.5)	4.7	(1.3)	4.0	(0.3)	23.0	(0.6)	7.0	(1.5)	3.8	(0.4)	13.9	(1.2)	-4.9	(3.5)	2.0	(1.0)
Partners	Argentina	13.9	(3.2)	-14.7	(7.3)	4.4	(2.5)	15.0	(3.3)	-15.6	(7.6)	4.5	(2.6)	-24.6	(24.1)	1.1	(25.8)	9.4	(9.6)
	Azerbaijan	13.1	(2.5)	-1.1	(4.0)	-1.4	(1.1)	12.9	(2.5)	-1.9	(3.9)	-1.2	(1.1)	c	c	c	c	c	c
	Brazil	13.6	(2.1)	-12.1	(4.9)	4.1	(1.8)	13.6	(2.1)	-12.1	(4.9)	4.1	(1.8)	a	a	a	a	a	a
	Bulgaria	18.2	(2.6)	-12.9	(4.9)	3.2	(1.5)	20.6	(3.8)	-14.2	(6.7)	3.7	(2.0)	16.7	(3.9)	-11.0	(7.9)	2.3	(2.2)
	Chile	12.6	(1.8)	-3.4	(3.7)	2.1	(1.3)	14.7	(1.8)	-1.4	(3.8)	1.5	(1.3)	-3.4	(16.0)	-3.2	(22.4)	21.0	(11.1)
	Colombia	7.0	(3.1)	-14.8	(7.8)	3.9	(1.7)	10.3	(2.8)	-15.9	(7.4)	4.2	(1.8)	-1.0	(8.3)	7.2	(17.3)	-0.7	(4.1)
	Croatia	14.9	(2.3)	3.8	(6.9)	2.5	(2.1)	-2.7	(5.9)	2.8	(17.2)	3.3	(4.7)	18.7	(2.8)	-2.8	(7.2)	3.5	(2.5)
	Estonia	18.3	(3.0)	-5.7	(6.5)	5.2	(1.6)	18.3	(3.0)	-5.7	(6.5)	5.2	(1.6)	a	a	a	a	a	a
	Hong Kong-China	-7.8	(2.8)	15.8	(8.6)	2.6	(1.5)	-7.8	(2.9)	15.8	(9.4)	2.5	(1.6)	-3.0	(5.4)	32.3	(18.6)	1.6	(3.4)
	Indonesia	12.0	(3.9)	-12.1	(4.7)	1.9	(1.2)	17.3	(2.5)	-8.8	(4.2)	2.7	(1.0)	15.8	(5.9)	2.9	(9.1)	-3.8	(2.7)
	Israel	22.1	(2.4)	8.3	(7.0)	4.6	(2.0)	22.1	(2.4)	14.0	(8.0)	2.9	(2.1)	19.4	(7.4)	-13.8	(11.8)	12.2	(4.5)
	Jordan	15.9	(2.2)	-2.6	(3.9)	4.6	(1.1)	15.9	(2.2)	-2.6	(3.9)	4.6	(1.1)	a	a	a	a	a	a
	Kyrgyzstan	16.2	(2.3)	-11.1	(3.1)	0.1	(1.1)	15.9	(2.3)	-11.3	(3.2)	0.1	(1.1)	14.9	(10.1)	0.6	(16.6)	3.3	(4.6)
	Latvia	18.0	(2.9)	0.8	(7.3)	1.6	(1.7)	18.3	(3.0)	1.3	(7.5)	1.2	(1.7)	16.9	(9.9)	53.4	(39.7)	-4.6	(7.1)
	Liechtenstein	16.5	(2.7)	-13.5	(24.3)	8.7	(7.0)	16.5	(2.7)	-13.5	(24.3)	8.7	(7.0)	a	a	a	a	a	a
	Lithuania	24.4	(2.8)	2.5	(5.1)	3.4	(1.6)	23.9	(2.7)	2.0	(5.1)	3.5	(1.5)	c	c	c	c	c	c
	Macao-China	12.6	(2.4)	15.6	(9.6)	0.4	(1.9)	12.8	(2.4)	15.3	(9.6)	0.5	(1.8)	c	c	c	c	c	c
	Montenegro	19.9	(2.1)	-14.3	(4.0)	3.0	(1.1)	14.5	(3.8)	-14.7	(9.3)	3.5	(2.1)	20.5	(2.7)	-17.1	(4.8)	2.7	(1.4)
	Qatar	18.8	(1.7)	0.6	(3.3)	4.2	(1.0)	18.8	(1.7)	0.6	(3.3)	4.2	(1.0)	a	a	a	a	a	a
	Romania	18.7	(2.7)	-14.2	(5.5)	6.4	(1.6)	15.6	(2.7)	-11.1	(7.9)	5.4	(2.0)	7.3	(3.1)	-9.1	(6.8)	5.8	(3.0)
	Russian Federation	13.2	(2.4)	-12.4	(6.5)	3.6	(1.5)	14.5	(2.6)	-16.7	(6.9)	4.2	(1.7)	3.4	(4.9)	9.5	(14.3)	1.1	(3.7)
	Serbia	17.8	(2.0)	-4.8	(5.4)	2.3	(1.5)	11.9	(4.8)	9.6	(12.9)	1.2	(3.1)	19.7	(2.2)	-6.3	(6.1)	1.2	(1.9)
	Slovenia	11.0	(2.3)	6.8	(4.9)	1.3	(1.4)	17.0	(4.0)	32.6	(8.4)	-1.7	(1.9)	7.3	(2.7)	-4.7	(6.1)	-0.4	(2.2)
	Chinese Taipei	23.3	(2.4)	13.0	(4.5)	3.1	(1.3)	32.3	(2.3)	19.6	(6.2)	2.0	(1.6)	10.3	(4.2)	6.4	(6.3)	0.9	(2.2)
	Thailand	-4.2	(6.0)	2.5	(5.1)	3.1	(1.3)	16.5	(6.8)	1.9	(5.9)	3.3	(1.4)	8.8	(9.7)	5.6	(12.2)	1.3	(4.8)
	Tunisia	13.6	(2.8)	6.0	(5.1)	4.0	(1.4)	13.6	(2.8)	6.0	(5.1)	4.0	(1.4)	a	a	a	a	a	a
	Uruguay	7.9	(2.6)	-7.7	(4.9)	3.8	(1.4)	10.5	(2.8)	-6.3	(5.3)	3.6	(1.4)	-3.1	(9.1)	-2.8	(21.5)	-1.5	(7.2)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 1/2]
Table 4.6a Performance in science, by learning time in out-of-school-time lessons in science

	Science performance for students who do not spend any time in out-of-school-time lessons in science		Difference in science performance between students who spend the following learning hours per week in out-of-school-time lessons in science and students who do not spend any time in out-of-school-time lessons in science							
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD										
Australia	534	(2.2)	-14.0	(2.4)	-29.4	(5.2)	-32.4	(12.6)	c	c
Austria	522	(3.7)	-61.6	(5.6)	-79.1	(10.3)	-139.9	(17.8)	c	c
Belgium	525	(2.1)	-25.9	(3.5)	-44.0	(5.9)	-51.0	(15.3)	c	c
Canada	547	(1.9)	-23.4	(2.9)	-34.5	(4.4)	-35.7	(9.4)	-42.0	(23.4)
Czech Republic	520	(3.6)	3.0	(3.8)	-12.0	(7.1)	-9.4	(12.9)	c	c
Denmark	498	(4.1)	1.3	(4.2)	-4.1	(5.6)	4.5	(11.6)	c	c
Finland	573	(2.0)	-31.5	(3.0)	-45.5	(8.9)	c	c	c	c
France	507	(3.8)	-17.7	(4.2)	-3.3	(6.4)	-46.3	(18.1)	c	c
Germany	539	(3.2)	-38.0	(3.4)	-63.9	(6.3)	-76.5	(10.8)	c	c
Greece	464	(4.8)	-4.0	(5.0)	25.5	(4.9)	38.5	(6.1)	36.0	(9.9)
Hungary	515	(3.0)	-14.1	(3.3)	-21.6	(4.9)	-14.8	(8.3)	c	c
Iceland	500	(1.9)	-25.2	(5.1)	-49.9	(8.3)	c	c	c	c
Ireland	517	(3.3)	-24.7	(4.0)	-34.2	(7.2)	c	c	c	c
Italy	488	(2.0)	-28.9	(3.0)	-40.0	(4.0)	-35.4	(7.2)	-49.6	(11.1)
Japan	537	(3.3)	-16.6	(4.9)	-71.3	(8.2)	c	c	c	c
Korea	508	(4.5)	21.7	(4.8)	42.6	(5.6)	49.7	(9.1)	40.4	(46.6)
Luxembourg	503	(1.4)	-40.8	(3.6)	-57.4	(6.3)	-77.1	(11.8)	c	c
Mexico	426	(2.7)	-20.8	(2.7)	-24.8	(3.6)	-36.4	(6.8)	-82.1	(11.3)
Netherlands	539	(3.1)	-25.0	(4.3)	-48.0	(7.1)	-26.3	(14.1)	c	c
New Zealand	542	(2.6)	-21.7	(4.1)	-43.9	(8.6)	-66.5	(20.9)	c	c
Norway	507	(3.0)	-17.1	(3.1)	-40.4	(5.0)	-51.9	(11.9)	c	c
Poland	504	(2.7)	-8.1	(3.1)	-24.6	(6.4)	-21.6	(16.6)	c	c
Portugal	485	(3.1)	-31.3	(3.8)	-13.5	(6.1)	-15.4	(9.8)	c	c
Slovak Republic	481	(3.2)	24.7	(4.1)	43.2	(5.5)	48.4	(12.5)	21.4	(17.7)
Spain	502	(2.6)	-33.7	(3.1)	-31.4	(4.2)	-33.3	(11.1)	-52.5	(16.8)
Sweden	521	(2.6)	-34.0	(3.2)	-61.2	(7.1)	c	c	c	c
Switzerland	521	(3.2)	-26.8	(4.0)	-42.1	(7.2)	-47.0	(23.8)	c	c
Turkey	409	(2.8)	11.7	(4.1)	36.6	(6.6)	72.0	(9.3)	80.4	(10.9)
United Kingdom	523	(2.6)	-10.7	(3.5)	-31.9	(5.5)	-48.5	(15.7)	-50.6	(25.2)
United States	505	(4.2)	-22.0	(3.5)	-36.7	(6.5)	-47.8	(10.0)	-72.8	(21.1)
OECD average	509	(3.1)	-18.5	(3.8)	-28.0	(6.5)	-28.0	(13.3)	-17.1	(22.0)
Partners										
Argentina	412	(5.4)	-43.5	(6.7)	-40.3	(8.1)	-44.6	(15.0)	c	c
Azerbaijan	388	(3.0)	-1.7	(2.9)	-5.8	(3.8)	2.1	(4.8)	12.9	(6.3)
Brazil	391	(3.0)	8.0	(3.8)	4.2	(5.6)	10.7	(12.0)	4.9	(28.3)
Bulgaria	454	(5.7)	-21.7	(4.5)	-29.7	(6.0)	-22.2	(9.8)	-49.3	(21.5)
Chile	447	(4.5)	-15.9	(3.7)	-10.2	(5.2)	-6.6	(10.1)	-38.0	(20.0)
Colombia	393	(3.7)	-3.3	(3.1)	9.3	(4.8)	-11.2	(9.3)	c	c
Croatia	500	(2.6)	-14.1	(3.8)	-35.2	(5.9)	-26.2	(11.3)	c	c
Estonia	549	(2.7)	-28.7	(2.7)	-53.2	(4.3)	-45.8	(11.4)	c	c
Hong Kong-China	535	(2.7)	13.1	(4.1)	25.4	(5.7)	33.2	(7.8)	54.3	(9.9)
Indonesia	389	(6.8)	5.4	(3.2)	17.3	(7.7)	28.5	(11.4)	1.7	(13.4)
Israel	475	(4.2)	-13.0	(4.7)	-22.9	(6.0)	-35.6	(10.9)	-23.3	(21.5)
Jordan	433	(2.8)	-8.8	(3.1)	-8.7	(4.5)	-2.5	(6.4)	-24.3	(10.1)
Kyrgyzstan	347	(4.7)	-17.7	(4.3)	-26.2	(5.0)	-30.5	(6.7)	-35.9	(9.1)
Latvia	498	(3.0)	-16.1	(3.8)	-22.1	(4.6)	-7.7	(11.4)	c	c
Liechtenstein	541	(6.0)	-44.5	(12.5)	c	c	c	c	a	a
Lithuania	501	(3.4)	-26.5	(4.4)	-48.3	(5.5)	-57.0	(10.1)	c	c
Macao-China	514	(1.7)	-2.2	(3.2)	-13.0	(4.7)	-14.1	(6.9)	16.9	(8.6)
Montenegro	429	(1.7)	-22.9	(3.1)	-25.1	(4.7)	-28.6	(7.1)	-49.5	(9.5)
Qatar	378	(2.2)	-35.5	(3.0)	-29.3	(3.2)	-12.5	(5.6)	-15.2	(10.1)
Romania	420	(4.4)	3.4	(3.5)	-3.1	(5.3)	-2.2	(9.6)	-39.5	(20.9)
Russian Federation	486	(3.7)	-8.8	(3.2)	-6.8	(4.8)	1.8	(7.9)	-1.0	(15.2)
Serbia	443	(3.2)	-8.4	(2.7)	-5.9	(4.4)	1.5	(12.4)	-56.6	(15.4)
Slovenia	533	(2.0)	-20.7	(4.1)	-33.1	(5.9)	-19.1	(12.0)	-40.3	(20.4)
Chinese Taipei	533	(3.9)	-17.7	(3.9)	35.5	(4.0)	46.1	(7.9)	46.3	(11.8)
Thailand	419	(2.0)	-10.9	(3.5)	16.9	(6.5)	38.8	(10.0)	82.7	(12.8)
Tunisia	376	(3.6)	8.5	(3.9)	22.9	(4.1)	31.5	(5.9)	36.0	(9.4)
Uruguay	444	(2.8)	-22.2	(4.2)	-23.4	(6.0)	-13.3	(12.0)	c	c

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 2/2]
Table 4.6a Performance in science, by learning time in out-of-school-time lessons in science

		Difference in science performance between students who spend the following learning hours per week in out-of-school-time lessons in science and students who do not spend any time in out-of-school-time lessons in science															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and individual study in science							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-15.6	(2.2)	-29.4	(4.7)	-36.2	(11.8)	c	c	-25.3	(2.4)	-56.4	(5.0)	-74.6	(12.3)	c	c
	Austria	-38.1	(4.3)	-62.1	(8.5)	-112.3	(15.1)	c	c	-34.9	(4.3)	-61.4	(8.5)	-114.9	(13.7)	c	c
	Belgium	-16.8	(2.9)	-31.0	(5.0)	-38.0	(10.8)	c	c	-25.6	(2.7)	-40.8	(4.6)	-52.6	(11.5)	c	c
	Canada	-23.4	(2.6)	-36.2	(4.1)	-37.3	(9.1)	-38.7	(23.9)	-25.4	(2.6)	-45.6	(4.2)	-52.4	(10.0)	-58.9	(24.2)
	Czech Republic	0.9	(3.8)	-15.2	(6.3)	-20.2	(13.6)	c	c	-5.4	(3.4)	-26.3	(6.2)	-39.0	(11.9)	c	c
	Denmark	-0.6	(3.6)	-5.8	(5.1)	-2.2	(12.2)	c	c	-7.6	(3.3)	-12.4	(5.9)	-8.3	(13.1)	c	c
	Finland	-30.6	(2.9)	-43.4	(9.0)	c	c	c	c	-32.0	(2.8)	-47.7	(8.6)	c	c	c	c
	France	-11.4	(3.3)	-13.5	(5.2)	-39.8	(13.7)	c	c	-15.3	(2.9)	-27.8	(4.8)	-67.1	(12.4)	c	c
	Germany	-28.9	(3.2)	-46.0	(5.4)	-60.0	(10.5)	c	c	-29.0	(3.0)	-46.0	(4.8)	-66.6	(11.0)	c	c
	Greece	-8.4	(4.0)	9.4	(4.1)	18.0	(5.3)	21.8	(8.3)	-8.8	(3.7)	-5.3	(4.0)	-4.1	(5.2)	0.9	(8.4)
	Hungary	-2.1	(2.7)	-9.2	(3.6)	-3.0	(6.2)	c	c	-5.8	(2.8)	-18.5	(3.5)	-20.0	(6.1)	c	c
	Iceland	-26.2	(4.8)	-57.8	(8.2)	c	c	c	c	-27.3	(4.6)	-61.0	(8.4)	c	c	c	c
	Ireland	-25.0	(3.8)	-36.4	(7.1)	c	c	c	c	-36.0	(3.9)	-51.5	(7.4)	c	c	c	c
	Italy	-22.2	(2.7)	-32.4	(3.7)	-29.7	(6.6)	-40.2	(10.5)	-23.1	(2.6)	-39.1	(3.4)	-41.5	(7.0)	-56.2	(12.3)
	Japan	-13.7	(3.9)	-56.5	(7.7)	c	c	c	c	-21.0	(3.8)	-65.8	(7.9)	c	c	c	c
	Korea	6.7	(3.9)	16.5	(4.6)	17.2	(7.1)	-9.0	(27.3)	-2.2	(3.8)	1.7	(4.5)	-2.6	(7.0)	-38.3	(20.2)
	Luxembourg	-32.0	(3.0)	-47.0	(5.4)	-48.0	(10.4)	c	c	-33.7	(3.0)	-52.6	(5.5)	-64.0	(11.7)	c	c
	Mexico	-13.7	(2.1)	-15.8	(3.2)	-25.7	(4.7)	-54.7	(10.0)	-14.4	(2.0)	-19.4	(3.1)	-32.1	(4.3)	-55.0	(9.5)
	Netherlands	-12.4	(2.9)	-30.8	(5.4)	-32.1	(11.4)	c	c	-17.9	(2.9)	-44.6	(5.5)	-51.0	(11.6)	c	c
	New Zealand	-25.7	(3.2)	-42.6	(7.1)	-65.5	(15.6)	c	c	-29.9	(3.3)	-59.9	(6.4)	-90.2	(17.0)	c	c
Norway	-16.7	(2.8)	-41.6	(4.6)	-51.0	(11.5)	c	c	-24.5	(2.9)	-50.0	(5.9)	-54.6	(11.8)	c	c	
Poland	-9.0	(2.9)	-27.4	(5.5)	-23.6	(13.9)	c	c	-9.8	(2.8)	-34.1	(5.4)	-39.7	(14.5)	c	c	
Portugal	-22.7	(3.3)	-13.6	(5.4)	-16.6	(8.8)	c	c	-23.5	(3.1)	-27.5	(4.8)	-37.7	(8.8)	c	c	
Slovak Republic	13.1	(3.6)	16.8	(5.3)	24.0	(11.3)	-1.3	(12.5)	3.5	(3.4)	-4.5	(5.4)	3.0	(11.0)	-9.6	(11.0)	
Spain	-32.9	(2.7)	-33.2	(3.8)	-35.9	(8.9)	-47.2	(13.8)	-27.6	(2.7)	-38.4	(3.7)	-45.3	(7.9)	-56.1	(12.0)	
Sweden	-32.8	(3.0)	-56.7	(6.5)	c	c	c	c	-36.9	(3.1)	-58.2	(7.0)	c	c	c	c	
Switzerland	-20.0	(3.3)	-29.7	(6.5)	-40.1	(19.6)	c	c	-23.2	(3.2)	-37.4	(6.1)	-49.2	(19.2)	c	c	
Turkey	10.0	(3.1)	21.2	(4.4)	42.8	(4.5)	52.7	(6.7)	2.9	(3.3)	2.8	(4.7)	14.1	(4.7)	16.7	(7.2)	
United Kingdom	-7.9	(3.2)	-26.8	(4.5)	-42.1	(15.2)	-37.8	(24.7)	-13.5	(2.9)	-39.5	(4.7)	-68.8	(13.5)	-96.1	(28.8)	
United States	-19.0	(3.1)	-28.5	(5.1)	-41.3	(9.6)	-59.3	(16.9)	-18.6	(3.2)	-39.3	(4.9)	-57.8	(11.0)	-73.8	(16.4)	
	OECD average	-15.9	(3.3)	-26.8	(5.7)	-27.9	(11.3)	-21.4	(17.0)	-19.7	(3.2)	-36.9	(5.7)	-44.7	(11.3)	-42.6	(16.5)
Partners	Argentina	-35.4	(5.8)	-29.6	(7.8)	-38.4	(12.9)	c	c	-37.5	(5.7)	-36.6	(7.5)	-58.1	(12.7)	c	c
	Azerbaijan	0.9	(2.7)	-3.7	(3.4)	2.7	(4.8)	10.9	(6.0)	1.6	(2.8)	-7.5	(3.6)	-5.1	(5.0)	-3.6	(6.2)
	Brazil	0.4	(3.3)	-6.5	(4.6)	10.0	(11.2)	11.7	(20.6)	-3.0	(3.2)	-15.9	(4.4)	-8.9	(11.1)	-14.8	(18.5)
	Bulgaria	-15.0	(3.8)	-25.6	(4.9)	-20.8	(6.9)	-34.3	(15.5)	-20.4	(3.6)	-42.2	(4.8)	-47.1	(7.9)	-58.0	(17.3)
	Chile	-10.1	(2.9)	-10.7	(4.0)	-11.5	(8.1)	-32.3	(16.1)	-16.1	(2.7)	-28.0	(3.9)	-37.9	(8.0)	-56.5	(16.9)
	Colombia	0.7	(3.4)	9.9	(4.6)	-6.3	(7.3)	c	c	-2.4	(3.1)	4.7	(4.6)	-13.5	(7.9)	c	c
	Croatia	-19.3	(3.4)	-37.5	(4.9)	-35.7	(9.5)	c	c	-28.5	(3.3)	-51.8	(4.8)	-53.8	(9.5)	c	c
	Estonia	-25.9	(2.8)	-49.5	(4.0)	-43.8	(10.8)	c	c	-25.5	(2.5)	-50.6	(3.6)	-58.3	(10.9)	c	c
	Hong Kong-China	11.6	(3.8)	16.7	(5.0)	23.5	(8.2)	40.9	(10.1)	-10.7	(3.9)	-22.2	(4.8)	-30.9	(8.2)	-23.7	(10.6)
	Indonesia	1.6	(2.6)	1.9	(4.7)	11.2	(8.0)	-5.7	(10.1)	-1.1	(2.5)	-2.1	(4.2)	3.6	(7.6)	-13.7	(9.2)
	Israel	-5.5	(4.3)	-8.1	(5.4)	-12.4	(9.7)	-26.1	(18.9)	-15.9	(4.8)	-26.3	(5.8)	-39.8	(9.2)	-44.4	(21.6)
	Jordan	-10.9	(3.0)	-11.0	(3.8)	-6.2	(5.9)	-23.8	(9.8)	-9.6	(3.1)	-14.9	(3.7)	-22.5	(5.4)	-40.2	(9.4)
	Kyrgyzstan	-10.6	(3.2)	-14.3	(4.1)	-17.3	(6.2)	-22.0	(8.8)	-16.5	(3.5)	-26.9	(4.4)	-39.2	(6.9)	-39.1	(9.1)
	Latvia	-12.2	(3.6)	-19.2	(4.1)	-11.1	(11.6)	c	c	-17.9	(3.3)	-25.8	(3.9)	-20.3	(11.2)	c	c
	Liechtenstein	-6.3	(11.4)	c	c	c	c	a	a	-11.7	(11.6)	c	c	c	c	a	a
	Lithuania	-19.7	(3.9)	-36.4	(4.8)	-44.8	(9.9)	c	c	-18.9	(3.6)	-43.8	(5.0)	-61.4	(9.8)	c	c
	Macao-China	-0.6	(3.2)	-11.0	(4.7)	-11.5	(6.8)	17.5	(8.3)	-7.0	(3.0)	-24.1	(4.3)	-38.5	(6.7)	-15.7	(7.7)
	Montenegro	-17.9	(2.7)	-21.7	(4.3)	-26.0	(6.2)	-36.9	(7.9)	-21.8	(2.7)	-35.2	(4.3)	-49.6	(6.1)	-65.5	(8.6)
	Qatar	-30.2	(2.8)	-25.9	(3.1)	-13.9	(4.9)	-14.3	(9.4)	-27.4	(2.8)	-36.0	(3.3)	-39.4	(5.1)	-44.6	(10.0)
	Romania	-0.7	(3.7)	-6.5	(4.3)	-4.0	(8.0)	-25.5	(12.2)	-11.2	(3.5)	-24.3	(4.5)	-27.7	(8.1)	-56.5	(14.8)
Russian Federation	-5.8	(2.7)	-5.0	(5.0)	-0.3	(7.0)	0.3	(14.8)	-7.5	(2.9)	-12.9	(4.7)	-10.0	(7.0)	-6.2	(15.4)	
Serbia	-7.3	(2.4)	-9.2	(3.4)	0.8	(10.5)	-32.6	(12.9)	-13.3	(2.4)	-23.2	(3.6)	-22.5	(10.7)	-62.7	(14.0)	
Slovenia	-12.6	(2.9)	-26.9	(4.0)	-14.0	(10.1)	-34.1	(20.9)	-13.6	(2.9)	-34.5	(4.2)	-27.9	(10.7)	-39.3	(22.3)	
Chinese Taipei	-15.7	(3.0)	18.9	(3.4)	21.0	(7.3)	20.8	(11.0)	-24.9	(2.8)	-4.3	(3.0)	-6.7	(6.7)	-8.6	(10.6)	
Thailand	-16.5	(3.2)	-3.4	(3.7)	4.7	(7.0)	31.5	(10.1)	-20.3	(2.8)	-20.7	(3.5)	-25.7	(5.9)	-12.1	(9.2)	
Tunisia	7.3	(3.6)	17.2	(3.5)	22.0	(4.7)	30.2	(7.6)	1.5	(3.4)	5.0	(3.8)	4.0	(4.8)	8.4	(7.4)	
Uruguay	-16.6	(3.4)	-21.3	(5.6)	-14.0	(10.1)	c	c	-19.5	(3.5)	-34.2	(5.2)	-35.3	(9.1)	c	c	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 1/2]
Table 4.6b Performance in mathematics, by learning time in out-of-school-time lessons in mathematics

	Mathematics performance for students who do not spend any time in out-of-school-time lessons in mathematics		Difference in mathematics performance between students who spend the following learning hours per week in out-of-school-time lessons in mathematics and students who do not spend any time in out-of-school-time lessons in mathematics							
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD										
Australia	533	(2.1)	-23.2	(2.3)	-30.5	(4.2)	-47.9	(6.2)	-34.9	(8.9)
Austria	521	(3.9)	-37.4	(4.4)	-56.1	(7.2)	-79.7	(11.3)	-109.1	(19.5)
Belgium	546	(2.4)	-42.5	(3.4)	-58.5	(5.7)	-84.4	(8.3)	-67.7	(16.5)
Canada	547	(2.1)	-27.9	(2.5)	-41.4	(3.0)	-47.5	(4.6)	-51.5	(10.3)
Czech Republic	527	(4.2)	-18.2	(3.5)	-36.0	(6.7)	-49.0	(11.5)	-35.9	(15.9)
Denmark	534	(3.8)	-20.3	(3.8)	-34.0	(4.5)	-49.3	(7.0)	-44.9	(17.9)
Finland	559	(2.3)	-33.2	(2.8)	-52.9	(7.1)	c	c	c	c
France	521	(3.8)	-38.1	(3.5)	-41.1	(4.2)	-61.4	(10.3)	c	c
Germany	536	(3.6)	-46.8	(3.5)	-66.8	(4.4)	-80.6	(7.8)	-108.3	(15.2)
Greece	441	(4.5)	6.4	(4.8)	36.4	(4.9)	37.8	(6.0)	41.0	(8.0)
Hungary	510	(3.9)	-21.2	(4.0)	-28.6	(4.8)	-44.2	(7.9)	-50.4	(14.8)
Iceland	526	(2.3)	-40.5	(3.2)	-55.3	(5.4)	-89.4	(11.0)	c	c
Ireland	518	(3.0)	-27.3	(2.7)	-45.5	(5.0)	-66.6	(9.3)	-76.4	(16.2)
Italy	477	(2.1)	-19.0	(2.6)	-35.9	(4.0)	-55.7	(5.5)	-64.8	(7.6)
Japan	523	(3.6)	4.2	(4.7)	1.2	(6.3)	-9.8	(9.5)	3.7	(16.2)
Korea	504	(5.0)	35.6	(5.5)	65.9	(5.5)	77.5	(6.4)	92.2	(10.8)
Luxembourg	515	(1.6)	-38.9	(3.2)	-58.5	(4.1)	-106.8	(7.9)	-114.2	(17.8)
Mexico	423	(3.1)	-22.0	(3.5)	-18.6	(3.9)	-38.8	(6.1)	-40.6	(9.8)
Netherlands	553	(2.9)	-33.5	(2.9)	-50.8	(5.3)	-59.0	(10.2)	c	c
New Zealand	541	(2.5)	-34.2	(3.4)	-48.7	(6.3)	-60.9	(9.0)	-80.9	(17.2)
Norway	510	(3.1)	-15.6	(3.4)	-40.7	(4.8)	-43.9	(10.2)	-92.4	(19.0)
Poland	507	(2.9)	-14.6	(3.1)	-29.0	(4.5)	-38.6	(10.2)	-14.9	(17.1)
Portugal	479	(2.7)	-23.2	(3.7)	-16.6	(4.8)	-14.5	(9.2)	c	c
Slovak Republic	491	(3.6)	10.7	(4.7)	14.3	(6.3)	-9.6	(10.6)	c	c
Spain	497	(2.6)	-30.1	(2.6)	-35.4	(3.4)	-36.0	(5.0)	-60.4	(12.7)
Sweden	524	(2.3)	-41.7	(3.5)	-59.8	(5.8)	-93.2	(11.0)	c	c
Switzerland	551	(3.4)	-37.8	(3.4)	-58.8	(5.6)	-111.3	(10.2)	-117.5	(12.8)
Turkey	403	(4.2)	7.9	(3.8)	43.0	(5.0)	46.7	(6.3)	72.5	(9.3)
United Kingdom	509	(2.5)	-22.3	(3.1)	-38.9	(4.5)	-52.9	(9.2)	-61.3	(22.2)
United States	501	(4.5)	-36.9	(4.0)	-47.0	(4.3)	-61.9	(7.5)	-65.4	(9.0)
OECD average	511	(3.3)	-22.7	(3.6)	-30.8	(5.2)	-45.9	(8.7)	-47.0	(14.7)
Partners										
Argentina	402	(6.1)	-22.7	(4.5)	-43.1	(8.2)	-31.6	(14.5)	-9.9	(13.5)
Azerbaijan	475	(2.6)	4.3	(2.4)	3.9	(2.8)	2.7	(3.6)	2.8	(3.9)
Brazil	376	(3.7)	-3.8	(4.7)	1.3	(5.3)	11.0	(7.2)	-12.2	(15.1)
Bulgaria	429	(6.0)	-18.5	(4.4)	-9.2	(5.1)	-17.7	(10.1)	-9.8	(14.3)
Chile	421	(5.3)	-13.9	(3.7)	-8.1	(4.9)	-15.4	(7.8)	-23.0	(13.1)
Colombia	378	(4.0)	-7.9	(4.3)	0.6	(4.2)	-6.2	(9.2)	20.5	(13.3)
Croatia	481	(2.6)	-24.6	(2.9)	-41.5	(3.5)	-40.0	(9.6)	-75.4	(16.7)
Estonia	532	(3.2)	-21.8	(3.1)	-40.5	(4.0)	-63.9	(7.1)	-67.5	(12.5)
Hong Kong-China	554	(4.0)	-8.8	(4.4)	-5.9	(4.9)	-20.6	(7.8)	-14.8	(11.3)
Indonesia	386	(6.1)	5.5	(3.1)	15.2	(6.5)	11.0	(7.9)	7.4	(13.0)
Israel	475	(5.4)	-24.1	(5.7)	-31.2	(5.8)	-43.3	(6.3)	-26.8	(9.5)
Jordan	392	(3.7)	-6.6	(3.2)	-4.7	(4.1)	-0.4	(4.8)	-0.8	(6.7)
Kyrgyzstan	335	(5.1)	-16.9	(4.6)	-21.7	(5.5)	-22.5	(6.9)	-18.0	(9.5)
Latvia	498	(4.3)	-14.1	(4.3)	-20.8	(6.3)	-23.1	(6.9)	-30.7	(18.6)
Liechtenstein	540	(5.9)	-33.3	(12.0)	c	c	c	c	a	a
Lithuania	496	(3.5)	-8.3	(3.8)	-33.2	(6.0)	-54.9	(9.5)	c	c
Macao-China	533	(2.1)	-9.9	(3.6)	-14.5	(5.9)	-21.3	(7.4)	-17.2	(9.1)
Montenegro	415	(1.9)	-24.7	(4.0)	-23.1	(4.7)	-30.5	(7.4)	-30.4	(11.0)
Qatar	347	(3.0)	-33.9	(4.1)	-22.0	(4.2)	-32.6	(5.7)	-64.2	(6.5)
Romania	416	(5.4)	-3.2	(5.2)	7.0	(5.8)	-2.1	(7.9)	-2.9	(12.4)
Russian Federation	473	(4.4)	6.9	(3.3)	9.3	(5.3)	16.9	(9.0)	2.5	(14.1)
Serbia	443	(3.7)	-6.6	(3.3)	-5.2	(4.4)	-8.1	(8.4)	-44.3	(12.6)
Slovenia	532	(1.9)	-37.1	(3.7)	-55.5	(4.0)	-68.5	(7.6)	-84.0	(13.3)
Chinese Taipei	532	(4.8)	-18.6	(4.6)	64.3	(5.0)	58.6	(6.2)	57.7	(10.9)
Thailand	415	(2.6)	-10.0	(3.5)	20.9	(5.3)	35.5	(9.0)	29.2	(16.3)
Tunisia	352	(4.2)	7.5	(4.5)	31.6	(5.9)	24.3	(5.5)	29.9	(5.9)
Uruguay	443	(3.2)	-22.9	(3.7)	-25.1	(7.0)	-13.2	(8.1)	-25.8	(19.5)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.6b Performance in mathematics, by learning time in out-of-school-time lessons in mathematics

		Difference in mathematics performance between students who spend the following learning hours per week in out-of-school-time lessons in mathematics and students who do not spend any time in out-of-school-time lessons in mathematics																
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and individual study in mathematics								
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	-22.7	(2.1)	-28.9	(4.0)	-45.9	(5.8)	-24.6	(9.0)	-22.0	(2.1)	-41.5	(3.9)	-69.8	(6.0)	-52.4	(9.4)	
	Austria	-36.3	(3.9)	-59.1	(5.9)	-67.0	(9.4)	-94.6	(15.9)	-35.9	(3.9)	-55.8	(6.0)	-58.8	(9.6)	-74.2	(16.7)	
	Belgium	-34.0	(2.7)	-51.6	(4.6)	-68.8	(7.9)	-50.6	(12.5)	-35.0	(2.7)	-57.0	(4.7)	-73.6	(8.1)	-66.1	(12.3)	
	Canada	-26.4	(2.3)	-40.9	(2.7)	-48.7	(4.4)	-52.6	(10.0)	-23.9	(2.3)	-45.3	(3.1)	-55.1	(5.0)	-55.0	(9.7)	
	Czech Republic	-16.0	(3.4)	-30.3	(6.8)	-37.7	(10.8)	-22.9	(14.2)	-17.7	(3.3)	-30.5	(6.7)	-29.5	(10.4)	-5.6	(17.4)	
	Denmark	-16.3	(3.4)	-30.6	(4.0)	-43.9	(6.7)	-33.8	(15.9)	-17.5	(3.6)	-31.6	(4.0)	-36.8	(7.8)	-22.5	(17.1)	
	Finland	-30.8	(2.7)	-51.3	(6.6)	c	c	c	c	-29.4	(2.8)	-52.0	(7.1)	c	c	c	c	
	France	-23.1	(2.7)	-33.6	(3.9)	-49.1	(9.0)	c	c	-25.1	(2.5)	-41.8	(3.8)	-61.3	(9.1)	c	c	
	Germany	-32.0	(2.6)	-47.4	(4.4)	-48.4	(6.7)	-68.2	(13.4)	-32.0	(2.6)	-47.2	(4.3)	-43.7	(6.8)	-58.7	(14.0)	
	Greece	-2.5	(4.3)	12.5	(3.6)	15.6	(4.8)	23.8	(6.8)	-6.0	(4.3)	2.5	(3.8)	2.5	(4.8)	6.2	(7.1)	
	Hungary	-15.4	(2.7)	-20.8	(3.0)	-28.2	(5.6)	-34.1	(11.9)	-17.7	(2.8)	-29.4	(3.3)	-41.2	(7.0)	-45.2	(12.6)	
	Iceland	-40.5	(3.0)	-58.7	(4.9)	-94.1	(11.1)	-84.5	(18.2)	-38.1	(3.0)	-55.2	(5.1)	-85.2	(12.2)	-73.8	(18.9)	
	Ireland	-27.0	(2.4)	-43.1	(5.0)	-64.3	(8.9)	-65.9	(14.7)	-26.7	(2.3)	-46.4	(5.2)	-66.6	(8.7)	-57.0	(19.1)	
	Italy	-19.1	(2.3)	-38.5	(3.6)	-52.3	(5.0)	-59.4	(7.1)	-16.7	(2.1)	-41.1	(3.4)	-60.3	(5.2)	-72.0	(7.8)	
	Japan	-5.2	(3.9)	-14.4	(4.5)	-33.5	(7.4)	-36.6	(16.2)	-8.8	(3.5)	-22.7	(4.2)	-51.4	(8.0)	-58.8	(15.3)	
	Korea	19.4	(4.7)	36.1	(4.4)	40.1	(5.0)	44.1	(6.5)	9.4	(4.7)	14.5	(3.9)	12.0	(4.8)	10.7	(6.2)	
	Luxembourg	-32.8	(2.7)	-51.2	(3.6)	-81.9	(6.7)	-93.0	(15.3)	-32.5	(2.7)	-50.7	(3.6)	-75.0	(6.8)	-74.7	(15.8)	
	Mexico	-14.4	(2.5)	-10.2	(3.1)	-24.1	(5.3)	-21.5	(8.1)	-12.8	(2.4)	-13.6	(3.0)	-31.0	(5.3)	-26.3	(7.5)	
	Netherlands	-21.3	(2.3)	-34.5	(4.3)	-46.5	(8.3)	c	c	-23.3	(2.5)	-41.2	(4.5)	-45.6	(8.3)	c	c	
	New Zealand	-32.7	(3.0)	-49.1	(5.3)	-57.6	(8.2)	-59.9	(15.6)	-31.8	(3.1)	-54.7	(5.5)	-72.8	(8.4)	-77.3	(17.5)	
	Norway	-16.9	(3.1)	-41.3	(4.2)	-50.5	(9.5)	-89.8	(17.9)	-26.5	(3.1)	-55.3	(4.9)	-62.2	(10.3)	-89.1	(18.2)	
	Poland	-12.4	(2.8)	-30.1	(4.5)	-40.3	(9.7)	-24.5	(14.6)	-12.0	(2.7)	-32.6	(4.3)	-45.4	(9.8)	-35.1	(14.5)	
	Portugal	-17.1	(3.0)	-23.3	(4.3)	-20.6	(8.5)	c	c	-18.3	(2.8)	-30.1	(4.4)	-41.6	(8.4)	c	c	
	Slovak Republic	2.6	(3.6)	-2.5	(5.4)	-28.8	(9.5)	c	c	-0.0	(3.4)	-4.9	(5.2)	-29.6	(9.4)	c	c	
	Spain	-30.8	(2.3)	-36.3	(2.9)	-35.0	(5.1)	-58.0	(11.7)	-25.3	(2.1)	-39.1	(2.8)	-39.9	(4.6)	-53.8	(10.3)	
	Sweden	-38.5	(3.3)	-57.1	(4.9)	-92.9	(12.5)	c	c	-37.5	(3.5)	-51.5	(5.3)	-79.5	(13.3)	c	c	
	Switzerland	-27.5	(2.9)	-43.7	(4.8)	-88.5	(9.8)	-90.7	(13.2)	-26.9	(2.9)	-41.5	(4.6)	-76.1	(9.1)	-66.5	(13.9)	
	Turkey	4.9	(3.5)	23.3	(3.6)	28.5	(4.8)	44.0	(6.2)	-3.5	(4.1)	6.3	(4.4)	3.8	(5.3)	19.7	(6.8)	
	United Kingdom	-19.0	(2.9)	-30.9	(4.2)	-45.9	(9.3)	-26.3	(22.0)	-20.3	(2.8)	-38.0	(4.5)	-62.3	(9.3)	-50.4	(22.3)	
	United States	-27.4	(2.9)	-38.5	(3.7)	-46.4	(6.3)	-49.5	(7.9)	-24.2	(2.9)	-46.3	(4.1)	-61.9	(7.2)	-58.3	(10.9)	
	OECD average	-20.4	(3.1)	-30.9	(4.5)	-43.3	(8.0)	-42.9	(13.4)	-21.3	(3.1)	-35.8	(4.6)	-49.6	(8.2)	-47.3	(14.1)	
	Partners	Argentina	-26.5	(3.7)	-41.7	(5.9)	-25.5	(13.5)	-14.9	(12.9)	-24.2	(3.7)	-42.0	(5.3)	-35.6	(13.0)	-16.2	(14.0)
		Azerbaijan	4.4	(2.4)	3.8	(2.8)	2.6	(3.6)	2.0	(4.0)	3.6	(2.5)	0.5	(2.8)	-4.9	(3.6)	-5.2	(4.2)
		Brazil	-7.3	(3.5)	-6.2	(4.4)	1.1	(5.9)	-6.1	(13.7)	-7.4	(3.3)	-11.0	(4.7)	-8.5	(7.1)	-15.5	(14.1)
Bulgaria		-10.1	(3.5)	-11.6	(3.8)	-18.1	(8.6)	-6.6	(12.7)	-12.8	(3.4)	-24.2	(3.8)	-39.5	(9.9)	-38.4	(14.3)	
Chile		-9.0	(2.6)	-4.5	(3.5)	-13.6	(6.6)	-21.0	(10.4)	-12.6	(2.4)	-15.3	(3.4)	-28.4	(6.6)	-40.6	(11.4)	
Colombia		-3.5	(3.8)	3.8	(4.7)	-0.8	(8.7)	26.7	(15.1)	-6.9	(3.7)	-7.2	(4.3)	-15.9	(8.3)	8.0	(16.6)	
Croatia		-27.0	(2.2)	-42.7	(3.2)	-54.2	(7.7)	-79.7	(14.7)	-27.0	(2.2)	-46.2	(3.2)	-58.8	(7.8)	-84.9	(15.2)	
Estonia		-16.8	(2.9)	-38.3	(4.0)	-59.8	(5.5)	-65.2	(12.4)	-19.0	(2.9)	-43.2	(3.8)	-64.7	(6.3)	-68.2	(12.1)	
Hong Kong-China		-8.9	(3.9)	-13.4	(4.1)	-28.1	(7.6)	-13.4	(10.7)	-11.9	(3.6)	-24.2	(4.0)	-50.9	(7.9)	-47.7	(11.1)	
Indonesia		1.4	(3.1)	7.1	(5.0)	7.2	(6.1)	6.8	(10.8)	-1.5	(3.0)	-0.4	(4.5)	-5.4	(5.8)	-3.1	(9.4)	
Israel		-26.7	(5.0)	-33.6	(5.3)	-39.0	(6.3)	-34.0	(9.1)	-28.3	(4.8)	-37.5	(5.5)	-45.8	(6.5)	-48.0	(10.5)	
Jordan		-7.2	(3.0)	-5.0	(3.5)	-4.3	(4.6)	-6.3	(6.6)	-4.6	(3.0)	-8.6	(3.3)	-16.0	(4.8)	-23.1	(7.2)	
Kyrgyzstan		-10.7	(3.8)	-14.5	(4.7)	-12.0	(5.7)	-11.8	(8.8)	-16.3	(3.5)	-27.5	(4.4)	-37.9	(6.1)	-37.3	(9.0)	
Latvia		-13.7	(3.8)	-21.8	(5.0)	-29.8	(6.4)	-41.2	(16.2)	-13.8	(3.6)	-22.9	(5.2)	-26.3	(6.3)	-30.9	(16.4)	
Liechtenstein		3.6	(9.4)	c	c	c	c	a	a	-0.0	(10.3)	c	c	c	c	a	a	
Lithuania		-7.8	(3.4)	-36.8	(4.7)	-41.4	(8.4)	c	c	-8.0	(3.3)	-41.4	(4.8)	-53.4	(8.9)	c	c	
Macao-China		-9.7	(3.6)	-18.7	(5.8)	-24.2	(7.4)	-20.5	(8.7)	-8.2	(3.3)	-24.6	(5.5)	-35.8	(7.6)	-35.1	(9.0)	
Montenegro		-22.8	(3.5)	-24.0	(3.8)	-34.4	(6.6)	-35.0	(8.8)	-21.5	(3.4)	-31.3	(3.8)	-44.2	(6.5)	-43.8	(8.4)	
Qatar		-26.0	(3.7)	-18.6	(3.7)	-27.6	(5.2)	-48.2	(6.1)	-23.7	(3.8)	-27.2	(3.7)	-42.8	(4.9)	-72.8	(6.4)	
Romania		-1.8	(4.6)	1.8	(6.3)	-7.7	(6.0)	-4.7	(9.3)	-6.2	(3.9)	-13.8	(6.7)	-27.3	(6.8)	-31.4	(9.6)	
Russian Federation		6.4	(3.3)	4.0	(5.1)	14.1	(8.5)	-0.5	(12.4)	3.5	(3.1)	-5.2	(4.9)	1.6	(7.7)	-19.8	(14.7)	
Serbia		-10.4	(2.9)	-11.2	(3.9)	-13.2	(7.9)	-33.1	(11.0)	-14.1	(3.0)	-16.6	(4.1)	-21.7	(8.9)	-38.9	(11.6)	
Slovenia		-23.0	(2.7)	-39.3	(3.3)	-55.4	(6.5)	-53.2	(10.5)	-23.4	(2.9)	-43.0	(3.4)	-59.5	(6.5)	-56.2	(12.8)	
Chinese Taipei		-15.1	(3.7)	28.4	(3.1)	26.1	(5.5)	26.1	(9.8)	-16.8	(3.4)	6.7	(2.8)	-2.8	(4.9)	-6.0	(10.1)	
Thailand		-15.4	(2.9)	-3.3	(4.2)	13.3	(6.3)	2.6	(13.7)	-17.8	(2.6)	-16.1	(4.2)	-10.1	(5.9)	-32.1	(12.2)	
Tunisia		4.6	(4.1)	14.1	(4.3)	11.4	(4.9)	17.0	(5.3)	-6.6	(4.0)	-3.4	(4.7)	-7.1	(5.1)	-3.4	(5.6)	
Uruguay		-21.7	(3.2)	-26.3	(5.9)	-17.0	(7.8)	-19.4	(18.4)	-19.7	(3.0)	-31.4	(6.2)	-28.5	(8.9)	-33.7	(19.1)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 4.6c Performance in reading, by learning time in out-of-school-time lessons on the language of instruction

	Reading performance for students who do not spend any time in out-of-school-time lessons on the language of instruction		Difference in reading performance between students who spend the following learning hours per week in out-of-school-time lessons on the language of instruction and students who do not spend any time in out-of-school-time lessons on the language of instruction							
	Mean score	S.E.	Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
			Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD										
Australia	532	(2.0)	-39.4	(2.3)	-53.3	(3.8)	-73.1	(6.0)	-93.6	(11.5)
Austria	506	(3.6)	-76.2	(8.0)	-116.7	(13.8)	-101.2	(13.5)	c	c
Belgium	527	(2.4)	-56.5	(3.4)	-72.1	(5.9)	-111.7	(21.2)	-113.8	(22.3)
Canada	549	(2.2)	-39.3	(2.6)	-46.6	(3.8)	-55.1	(6.1)	-33.1	(9.2)
Czech Republic	497	(4.3)	-16.7	(3.8)	-26.1	(8.5)	-33.8	(18.8)	-24.1	(26.0)
Denmark	517	(4.6)	-25.3	(4.6)	-29.1	(4.3)	-28.0	(6.5)	-11.0	(11.9)
Finland	556	(2.2)	-31.6	(3.6)	-43.6	(7.8)	c	c	c	c
France	513	(4.1)	-45.1	(4.2)	-43.3	(5.2)	-62.4	(15.0)	c	c
Germany	532	(3.3)	-61.6	(4.9)	-89.3	(5.8)	-101.3	(9.3)	-141.4	(22.4)
Greece	466	(4.5)	-15.8	(4.6)	4.5	(4.8)	1.3	(6.1)	8.8	(9.3)
Hungary	508	(4.1)	-34.6	(4.2)	-38.8	(5.0)	-40.8	(8.2)	-29.0	(13.4)
Iceland	502	(2.1)	-38.6	(4.1)	-76.0	(7.9)	-99.5	(14.0)	c	c
Ireland	538	(3.5)	-47.6	(3.9)	-64.8	(6.1)	-98.1	(9.9)	-92.5	(15.0)
Italy	491	(2.3)	-53.0	(4.2)	-67.1	(5.4)	-78.5	(6.5)	-69.1	(10.1)
Japan	505	(3.5)	-14.2	(5.2)	-47.0	(8.8)	-69.7	(13.5)	c	c
Korea	535	(5.5)	25.7	(4.9)	44.5	(5.8)	47.0	(6.9)	33.1	(12.9)
Luxembourg	506	(1.5)	-57.8	(3.5)	-91.7	(5.9)	-142.7	(11.0)	-138.5	(14.9)
Mexico	432	(3.0)	-26.0	(3.2)	-36.1	(4.1)	-44.7	(9.8)	-98.3	(19.9)
Netherlands	537	(2.7)	-51.2	(4.1)	-75.5	(6.0)	-97.9	(10.5)	c	c
New Zealand	546	(2.5)	-51.0	(4.4)	-67.4	(6.1)	-105.0	(11.3)	-96.8	(16.8)
Norway	508	(3.5)	-18.1	(3.8)	-37.9	(5.5)	-32.7	(11.8)	-68.0	(16.1)
Poland	520	(3.2)	-17.6	(3.6)	-38.0	(7.2)	-60.6	(12.3)	-62.1	(21.5)
Portugal	499	(3.2)	-66.4	(4.8)	-78.4	(7.7)	-81.8	(10.0)	c	c
Slovak Republic	460	(4.3)	22.0	(4.6)	18.3	(7.3)	-4.6	(14.8)	c	c
Spain	481	(2.1)	-56.0	(3.4)	-70.0	(4.9)	-66.6	(6.4)	-107.8	(15.6)
Sweden	529	(3.7)	-40.9	(3.5)	-48.2	(6.1)	-67.2	(14.3)	-92.5	(15.1)
Switzerland	520	(2.9)	-57.1	(4.1)	-85.6	(8.0)	-102.9	(10.8)	-133.1	(17.4)
Turkey	458	(5.9)	-11.6	(4.9)	-9.6	(5.2)	-11.3	(9.2)	-8.9	(9.5)
United Kingdom	514	(2.4)	-37.0	(3.6)	-57.8	(5.8)	-75.6	(10.9)	-86.2	(25.3)
United States	m	m	m	m	m	m	m	m	m	m
OECD average	510	(3.4)	-35.8	(4.3)	-49.7	(6.6)	-64.2	(11.5)	-69.4	(16.8)
Partners										
Argentina	404	(6.5)	-67.5	(7.9)	-94.2	(12.1)	-108.8	(22.1)	c	c
Azerbaijan	367	(4.2)	-12.3	(4.3)	-12.4	(4.8)	-8.5	(4.8)	-10.3	(7.2)
Brazil	406	(4.6)	-6.7	(3.9)	-16.9	(5.1)	-25.9	(11.3)	-26.0	(18.3)
Bulgaria	432	(7.1)	-40.2	(5.6)	-44.4	(9.1)	-36.0	(10.2)	-39.1	(19.0)
Chile	467	(5.6)	-34.3	(4.4)	-43.4	(5.0)	-53.7	(9.6)	-63.0	(18.7)
Colombia	406	(5.1)	-25.4	(4.9)	-32.5	(5.5)	-30.5	(12.4)	-30.1	(18.3)
Croatia	492	(2.4)	-50.8	(4.7)	-75.8	(6.3)	-78.9	(12.0)	c	c
Estonia	521	(2.9)	-33.0	(2.9)	-49.6	(5.1)	-60.3	(8.7)	c	c
Hong Kong-China	548	(2.9)	-20.0	(3.9)	-36.6	(5.7)	-44.0	(8.5)	-41.1	(14.7)
Indonesia	403	(7.0)	-8.9	(2.9)	-18.3	(4.8)	-27.5	(8.3)	-45.1	(12.9)
Israel	479	(4.9)	-33.5	(5.5)	-51.3	(6.2)	-90.5	(8.5)	-65.4	(14.1)
Jordan	425	(4.0)	-24.5	(3.6)	-24.1	(4.2)	-31.7	(5.6)	-40.9	(8.0)
Kyrgyzstan	315	(6.2)	-23.3	(5.4)	-25.0	(6.7)	-14.3	(7.7)	-32.4	(9.3)
Latvia	498	(4.5)	-29.0	(4.1)	-38.9	(5.1)	-62.4	(11.7)	c	c
Liechtenstein	525	(4.6)	-42.6	(15.3)	c	c	c	c	a	a
Lithuania	487	(3.5)	-30.1	(4.7)	-57.6	(6.3)	-55.0	(9.1)	-82.1	(17.1)
Macao-China	505	(1.7)	-15.9	(3.0)	-34.6	(4.9)	-47.4	(6.9)	-35.6	(9.0)
Montenegro	409	(1.7)	-34.6	(3.9)	-37.4	(5.2)	-22.1	(8.4)	-54.1	(11.6)
Qatar	356	(2.9)	-48.3	(4.1)	-47.5	(4.7)	-58.3	(6.3)	-90.7	(10.0)
Romania	404	(5.8)	-10.9	(4.9)	-8.3	(6.2)	0.8	(9.1)	8.2	(11.2)
Russian Federation	450	(4.3)	-11.0	(3.1)	-25.5	(5.6)	-38.6	(13.2)	-12.4	(19.3)
Serbia	417	(3.7)	-26.2	(3.4)	-31.6	(4.9)	-27.9	(8.6)	-47.2	(13.3)
Slovenia	518	(1.5)	-39.6	(2.7)	-57.5	(4.2)	-55.6	(11.5)	c	c
Chinese Taipei	509	(3.5)	-37.1	(4.0)	-13.4	(3.8)	-26.0	(9.2)	-16.9	(13.1)
Thailand	430	(2.7)	-35.7	(2.9)	-54.3	(5.7)	-74.1	(8.9)	c	c
Tunisia	409	(6.7)	-25.0	(6.0)	-38.9	(7.4)	-37.5	(8.3)	-39.2	(10.8)
Uruguay	435	(3.5)	-35.9	(4.9)	-34.4	(8.9)	-20.0	(17.9)	-68.3	(27.9)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.6c Performance in reading, by learning time in out-of-school-time lessons on the language of instruction

[Part 2/2]

		Difference in reading performance between students who spend the following learning hours per week in out-of-school-time lessons on the language of instruction and students who do not spend any time in out-of-school-time lessons on the language of instruction															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and individual study on the language of instruction							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	-35.3	(2.1)	-47.9	(3.5)	-68.2	(5.9)	-84.9	(10.8)	-32.6	(2.2)	-56.6	(3.7)	-83.8	(6.1)	-95.1	(12.2)
	Austria	-48.0	(6.9)	-80.5	(13.3)	-53.5	(13.4)	c	c	-45.9	(7.0)	-70.6	(13.6)	-37.3	(13.8)	c	c
	Belgium	-36.1	(3.0)	-49.5	(4.7)	-87.2	(18.4)	-78.9	(21.6)	-36.9	(3.0)	-51.3	(5.0)	-79.0	(18.9)	-65.7	(22.4)
	Canada	-33.8	(2.3)	-44.1	(3.6)	-53.5	(5.3)	-41.7	(8.8)	-30.8	(2.4)	-51.3	(3.7)	-70.3	(6.3)	-49.3	(10.9)
	Czech Republic	-9.9	(3.3)	-16.2	(7.6)	-22.8	(16.7)	-21.2	(23.3)	-13.3	(3.3)	-20.8	(7.6)	-15.5	(16.0)	16.2	(25.6)
	Denmark	-21.6	(4.2)	-25.2	(3.9)	-24.6	(5.8)	-8.8	(12.5)	-18.4	(3.9)	-31.0	(3.8)	-31.9	(6.4)	-14.7	(12.7)
	Finland	-28.9	(3.4)	-41.0	(7.7)	c	c	c	c	-29.8	(3.4)	-55.1	(7.6)	c	c	c	c
	France	-21.0	(3.6)	-20.6	(4.7)	-33.3	(11.3)	c	c	-20.3	(3.4)	-33.6	(4.9)	-55.3	(10.9)	c	c
	Germany	-37.7	(4.0)	-50.4	(4.8)	-62.1	(7.7)	-81.1	(14.5)	-36.9	(4.0)	-52.7	(5.0)	-61.5	(8.3)	-70.1	(13.9)
	Greece	-15.9	(3.9)	-1.5	(4.4)	0.6	(5.7)	4.9	(9.0)	-14.9	(3.7)	-11.4	(4.0)	-15.9	(6.1)	-6.8	(9.4)
	Hungary	-18.1	(3.4)	-22.0	(3.5)	-31.3	(7.0)	-13.9	(10.1)	-18.8	(3.6)	-35.8	(3.4)	-47.9	(6.8)	-22.4	(12.1)
	Iceland	-39.1	(3.9)	-79.9	(7.6)	-101.6	(13.2)	c	c	-34.3	(3.9)	-75.8	(7.2)	-85.4	(14.1)	c	c
	Ireland	-39.6	(4.0)	-56.1	(5.7)	-89.9	(9.1)	-83.6	(13.3)	-36.4	(3.8)	-57.4	(5.9)	-90.3	(9.8)	-73.8	(15.2)
	Italy	-34.7	(3.1)	-51.5	(4.8)	-60.9	(6.0)	-51.8	(8.6)	-26.4	(3.1)	-49.4	(4.7)	-65.7	(6.0)	-52.2	(9.0)
	Japan	-14.9	(4.4)	-36.1	(6.6)	-70.3	(12.4)	c	c	-19.8	(4.4)	-45.2	(7.2)	-84.9	(13.8)	c	c
	Korea	11.8	(3.9)	24.0	(4.3)	19.9	(6.1)	9.5	(11.6)	6.0	(3.7)	11.6	(3.9)	3.2	(6.0)	-6.8	(12.2)
	Luxembourg	-42.2	(3.2)	-65.9	(5.5)	-108.6	(9.8)	-106.6	(12.6)	-39.8	(3.2)	-65.3	(5.7)	-103.9	(11.1)	-98.3	(12.6)
	Mexico	-15.0	(2.2)	-20.8	(3.6)	-26.0	(8.7)	-73.4	(17.4)	-14.3	(2.1)	-23.4	(3.3)	-33.1	(9.3)	-72.5	(17.3)
	Netherlands	-30.1	(3.0)	-45.4	(4.8)	-58.6	(11.2)	c	c	-30.2	(3.1)	-47.5	(5.0)	-54.5	(11.5)	c	c
	New Zealand	-44.9	(3.7)	-61.0	(5.6)	-96.3	(10.1)	-89.9	(14.9)	-39.4	(3.7)	-65.6	(5.8)	-108.0	(11.1)	-99.5	(19.7)
Norway	-17.2	(3.6)	-36.5	(5.3)	-36.1	(11.6)	-74.7	(15.9)	-25.6	(3.4)	-54.6	(5.1)	-50.4	(12.6)	-70.7	(18.3)	
Poland	-13.5	(3.8)	-33.2	(6.8)	-57.8	(11.4)	-60.8	(17.8)	-12.5	(3.7)	-34.8	(6.5)	-69.5	(11.8)	-69.7	(18.3)	
Portugal	-47.5	(3.5)	-63.4	(6.6)	-71.2	(9.4)	c	c	-41.1	(3.4)	-62.0	(6.5)	-80.1	(9.4)	c	c	
Slovak Republic	13.7	(3.5)	12.0	(5.8)	-5.4	(11.6)	c	c	6.9	(3.3)	-1.0	(6.0)	-14.0	(12.5)	c	c	
Spain	-49.5	(3.1)	-60.7	(4.5)	-57.7	(6.3)	-95.8	(14.4)	-37.3	(3.0)	-60.2	(4.3)	-64.5	(6.0)	-83.7	(12.7)	
Sweden	-35.9	(3.6)	-44.3	(5.3)	-68.7	(14.8)	-94.7	(18.0)	-38.6	(3.3)	-46.8	(6.1)	-66.1	(14.8)	-68.8	(15.4)	
Switzerland	-41.8	(3.6)	-66.9	(6.7)	-80.1	(10.3)	-111.8	(14.2)	-38.1	(3.3)	-63.0	(6.5)	-64.4	(9.0)	-80.4	(17.0)	
Turkey	-6.4	(3.5)	-1.9	(4.2)	2.5	(6.7)	0.2	(7.8)	-6.1	(3.4)	-8.8	(4.4)	-11.6	(7.3)	-9.9	(8.1)	
United Kingdom	-29.2	(3.2)	-47.4	(6.0)	-60.0	(9.3)	-64.6	(24.5)	-30.1	(3.1)	-60.2	(6.3)	-80.6	(9.3)	-91.9	(28.1)	
United States	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
OECD average	-27.0	(3.6)	-39.1	(5.9)	-52.2	(10.4)	-58.3	(15.1)	-26.1	(3.6)	-44.1	(5.9)	-57.9	(10.7)	-56.5	(16.2)	
Partners	Argentina	-54.9	(7.3)	-70.9	(11.8)	-97.8	(18.8)	c	c	-50.2	(7.2)	-70.7	(11.5)	-104.2	(18.0)	c	c
	Azerbaijan	-7.6	(4.2)	-10.4	(4.1)	-9.7	(4.6)	-10.4	(7.1)	-5.8	(4.4)	-12.5	(4.1)	-17.1	(4.6)	-19.6	(7.2)
	Brazil	-6.7	(3.1)	-15.3	(4.1)	-18.3	(9.3)	-15.7	(15.5)	-4.8	(2.9)	-17.6	(4.6)	-21.9	(9.4)	-13.1	(15.5)
	Bulgaria	-20.7	(3.9)	-33.1	(5.9)	-25.1	(9.0)	-36.0	(14.7)	-23.9	(3.9)	-48.4	(5.9)	-55.0	(9.3)	-72.7	(15.1)
	Chile	-17.9	(3.3)	-24.9	(4.0)	-36.0	(8.6)	-43.7	(15.6)	-17.7	(3.2)	-36.5	(4.3)	-59.9	(9.7)	-59.3	(19.0)
	Colombia	-15.2	(4.8)	-20.0	(4.9)	-22.6	(12.1)	-26.3	(17.2)	-16.2	(4.5)	-22.8	(5.7)	-27.3	(11.9)	-24.1	(19.1)
	Croatia	-39.1	(4.0)	-64.0	(6.7)	-62.1	(10.6)	c	c	-37.5	(3.9)	-68.1	(6.7)	-70.1	(11.0)	c	c
	Estonia	-28.4	(2.7)	-42.0	(4.5)	-53.8	(8.5)	c	c	-28.7	(2.7)	-47.6	(4.8)	-62.7	(8.7)	c	c
	Hong Kong-China	-12.0	(4.2)	-25.4	(5.4)	-34.6	(9.0)	-29.2	(14.5)	-9.9	(4.0)	-30.8	(5.6)	-51.6	(9.3)	-43.9	(14.3)
	Indonesia	-6.8	(3.0)	-9.9	(3.9)	-13.1	(6.5)	-33.9	(12.1)	-9.4	(3.0)	-13.4	(3.7)	-20.2	(5.6)	-34.9	(13.1)
	Israel	-30.2	(5.4)	-42.0	(5.7)	-75.2	(8.7)	-58.6	(13.8)	-36.6	(5.2)	-52.5	(5.3)	-86.0	(8.7)	-60.3	(15.1)
	Jordan	-21.3	(3.4)	-18.6	(3.9)	-26.3	(6.0)	-32.1	(7.9)	-16.3	(3.5)	-19.4	(4.1)	-35.2	(6.4)	-49.1	(7.3)
	Kyrgyzstan	-11.6	(4.5)	-12.9	(6.2)	-2.4	(7.6)	-13.8	(8.2)	-14.5	(4.6)	-29.7	(6.2)	-33.5	(8.2)	-42.5	(9.8)
	Latvia	-20.3	(3.5)	-32.1	(5.1)	-52.9	(10.0)	c	c	-21.2	(3.5)	-35.0	(4.8)	-52.7	(10.8)	c	c
	Liechtenstein	-4.6	(10.6)	c	c	c	c	a	a	-2.8	(11.8)	c	c	c	a	a	a
	Lithuania	-21.9	(3.9)	-47.4	(5.7)	-42.9	(8.5)	-63.8	(17.3)	-16.0	(3.6)	-50.3	(5.8)	-56.9	(9.4)	-80.0	(21.2)
	Macao-China	-15.2	(3.0)	-35.1	(4.8)	-47.3	(7.0)	-37.4	(9.1)	-14.0	(2.9)	-36.9	(4.8)	-50.5	(6.8)	-41.0	(9.5)
	Montenegro	-26.7	(3.7)	-29.9	(5.1)	-19.3	(7.5)	-49.0	(11.0)	-24.8	(3.7)	-41.9	(5.3)	-35.4	(7.6)	-48.2	(12.7)
	Qatar	-42.0	(3.8)	-39.3	(4.4)	-50.6	(6.4)	-76.5	(10.0)	-42.4	(3.9)	-50.3	(4.4)	-68.1	(6.5)	-95.8	(10.6)
	Romania	-7.4	(3.7)	-5.1	(5.4)	1.5	(8.1)	19.5	(9.9)	-7.8	(3.7)	-19.2	(5.6)	-24.8	(8.4)	-12.1	(11.3)
Russian Federation	-6.7	(2.9)	-20.9	(5.6)	-32.7	(12.1)	-3.9	(20.0)	-7.1	(3.0)	-18.9	(5.6)	-25.6	(11.2)	17.4	(18.5)	
Serbia	-17.3	(3.2)	-24.6	(3.8)	-21.4	(8.1)	-31.3	(12.4)	-20.0	(3.1)	-32.5	(4.0)	-32.8	(8.9)	-40.0	(14.2)	
Slovenia	-20.5	(2.2)	-33.4	(3.7)	-18.3	(7.8)	c	c	-20.4	(2.2)	-40.9	(3.5)	-37.8	(7.9)	c	c	
Chinese Taipei	-22.9	(3.0)	-9.8	(3.5)	-21.0	(9.0)	-11.8	(11.5)	-16.2	(2.9)	-17.9	(3.0)	-35.8	(8.4)	-27.2	(11.9)	
Thailand	-26.6	(3.1)	-41.8	(5.4)	-53.7	(7.8)	c	c	-30.6	(3.1)	-51.0	(6.0)	-67.0	(7.9)	c	c	
Tunisia	-8.1	(4.4)	-13.9	(4.6)	-10.5	(5.9)	-12.8	(8.6)	-15.0	(4.0)	-26.8	(4.5)	-28.9	(6.4)	-34.6	(9.8)	
Uruguay	-20.8	(4.4)	-19.7	(8.1)	-9.0	(15.7)	-31.0	(23.3)	-20.7	(4.3)	-31.5	(8.6)	-21.0	(16.0)	-45.5	(30.1)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Part 1/3
Table 4.7 Students' latent performance, by different types of out-of-school-time lessons¹

	Direct effects of the following types of out-of-school-time lessons on students' latent performance ²																					
	Group lessons with school teacher		Group lessons with non-school teachers		Group lessons with both school and non-school teachers		One-to-one lessons with non-school teacher		Both one-to-one and group lessons with school teachers		Both one-to-one and group lessons with non-school teachers		Both one-to-one and group lessons with both school and non-school teachers		Other types of out-of-school-time lessons		Student's PISA index of economic, social and cultural status		School average index of economic, social and cultural status			
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.		
OECD	-10.7	(4.6)	21.7	(5.5)	-44.0	(8.8)	4.9	(3.0)	-37.1	(7.4)	-8.6	(5.3)	-71.4	(5.9)	-17.8	(4.9)	22.7	(1.1)	44.6	(3.9)		
Australia	-12.6	(4.5)	-37.7	(6.1)	-56.8	(7.1)	-25.0	(4.8)	-33.2	(9.9)	-33.8	(12.0)	-58.8	(5.2)	-44.6	(3.2)	8.7	(1.3)	93.1	(4.6)		
Austria	-30.6	(4.8)	10.6	(5.7)	-78.3	(10.5)	-16.6	(3.4)	-35.5	(8.1)	-32.0	(6.1)	-73.3	(6.8)	-37.8	(5.7)	15.3	(1.1)	97.5	(5.2)		
Belgium	-9.9	(3.9)	4.2	(5.6)	-51.7	(8.6)	-14.6	(3.3)	-46.4	(4.6)	-20.8	(4.9)	-73.7	(4.7)	-28.7	(4.1)	20.3	(1.0)	35.7	(4.2)		
Canada	-11.6	(5.8)	11.3	(8.2)	-50.0	(13.4)	-13.1	(3.5)	-44.5	(6.9)	-17.8	(7.0)	-76.9	(6.0)	-33.5	(6.3)	14.2	(1.2)	89.3	(5.7)		
Czech Republic	-22.8	(5.3)	5.9	(8.2)	-58.9	(14.8)	-15.8	(8.3)	-72.2	(8.3)	-40.3	(10.9)	-82.8	(9.5)	-67.6	(10.9)	26.4	(1.4)	36.1	(5.9)		
Denmark	-47.0	(4.6)	-0.7	(9.1)	-45.5	(17.8)	-15.9	(7.6)	-49.3	(6.2)	27.9	(12.9)	-77.5	(8.6)	-24.3	(7.9)	23.6	(1.2)	10.6	(4.5)		
Finland	-2.2	(3.9)	-6.2	(7.8)	-43.0	(13.7)	-23.2	(3.9)	-20.7	(10.1)	-20.9	(5.2)	-41.3	(5.9)	-36.1	(7.9)	16.3	(1.4)	93.8	(4.7)		
France	5.3	(4.6)	-3.3	(5.1)	-50.2	(8.8)	-17.3	(3.4)	-58.9	(12.9)	-30.6	(8.4)	-54.2	(7.5)	-30.1	(6.6)	12.7	(1.1)	110.8	(4.9)		
Germany	1.0	(9.4)	36.7	(4.7)	15.6	(8.1)	12.6	(5.2)	-38.1	(8.3)	20.1	(4.7)	-32.5	(4.7)	-17.9	(12.1)	15.5	(1.5)	56.3	(5.0)		
Greece	-22.8	(5.3)	5.9	(8.2)	-58.9	(14.8)	-15.8	(8.3)	-72.2	(8.3)	-40.3	(10.9)	-82.8	(9.5)	-67.6	(10.9)	26.4	(1.4)	36.1	(5.9)		
Hungary	5.7	(4.7)	-12.2	(9.8)	-24.4	(8.7)	-6.8	(3.1)	-6.3	(5.5)	-9.2	(4.7)	-23.9	(3.8)	-17.4	(5.9)	6.9	(1.2)	83.8	(4.5)		
Iceland	-4.8	(5.1)	16.0	(9.6)	-4.7	(10.8)	-41.5	(5.0)	-60.3	(7.0)	-35.5	(8.8)	-76.3	(9.7)	-47.9	(10.2)	24.8	(1.2)	3.3	(6.5)		
Ireland	-20.5	(5.6)	10.8	(5.4)	-37.2	(15.4)	-11.8	(3.4)	-86.3	(9.0)	-27.4	(6.1)	-73.4	(7.2)	-57.3	(8.4)	26.0	(1.5)	36.9	(4.6)		
Italy	6.7	(2.7)	-15.5	(5.2)	-39.5	(4.3)	-14.8	(2.8)	a	a	-43.1	(4.6)	-19.2	(2.7)	a	a	8.2	(1.0)	86.1	(5.0)		
Japan	-18.3	(3.5)	4.8	(5.6)	-30.8	(5.5)	-18.2	(5.7)	-45.1	(10.6)	4.9	(7.9)	-51.5	(6.8)	-29.5	(11.2)	3.7	(1.2)	95.7	(7.3)		
Korea	28.0	(4.5)	28.1	(4.8)	27.2	(5.0)	15.5	(5.4)	0.6	(9.7)	13.9	(5.3)	18.6	(5.0)	-3.3	(10.3)	6.6	(1.4)	68.1	(6.5)		
Luxembourg	-13.6	(5.1)	-3.3	(8.4)	-71.7	(14.8)	-18.1	(3.8)	-45.3	(6.4)	-31.7	(7.8)	-76.0	(6.6)	-20.9	(6.6)	25.6	(2.2)	77.8	(5.1)		
Mexico	-14.8	(3.3)	3.5	(4.4)	-43.2	(3.9)	-17.1	(6.1)	-38.0	(4.2)	-10.9	(3.0)	-53.5	(3.3)	-47.6	(6.5)	7.7	(0.8)	46.5	(3.2)		
Netherlands	7.3	(7.0)	-16.3	(9.3)	-65.5	(11.2)	-18.3	(5.7)	-28.3	(7.1)	-33.2	(9.7)	-48.2	(8.3)	-20.1	(6.5)	8.6	(1.0)	111.7	(6.2)		
New Zealand	-2.5	(6.9)	5.4	(7.3)	-58.7	(11.0)	-9.1	(4.6)	-47.3	(8.9)	-27.4	(8.5)	-81.4	(7.5)	-22.8	(10.5)	33.3	(1.5)	46.1	(4.3)		
Norway	-32.5	(4.0)	-35.2	(16.3)	-59.5	(9.0)	-23.3	(10.8)	-92.1	(7.1)	-32.2	(13.3)	-100.8	(5.8)	-73.1	(11.4)	20.8	(1.3)	27.2	(6.0)		
Poland	11.6	(3.1)	21.0	(5.7)	-25.2	(6.9)	-5.9	(4.5)	-34.7	(5.2)	3.8	(7.1)	-45.2	(4.3)	-39.0	(7.3)	31.7	(1.3)	16.1	(4.5)		
Portugal	-15.5	(3.7)	6.5	(5.4)	-49.4	(13.5)	-4.3	(4.3)	-45.5	(4.3)	-5.1	(5.3)	-64.1	(6.1)	-29.2	(6.3)	22.4	(1.5)	38.4	(4.7)		
Slovak Republic	6.9	(7.1)	-3.2	(8.5)	-40.5	(15.8)	-19.7	(5.2)	4.0	(5.3)	-6.9	(4.3)	-29.6	(5.1)	-32.4	(6.4)	19.3	(1.7)	65.5	(7.8)		
Spain	-34.7	(3.8)	13.8	(3.0)	-87.6	(8.3)	-18.5	(3.3)	-76.7	(5.2)	-11.0	(3.0)	-82.1	(4.2)	-53.8	(7.6)	23.6	(1.2)	25.9	(3.1)		
Sweden	-53.0	(3.7)	-10.7	(17.1)	-71.6	(7.5)	-10.3	(8.3)	-91.3	(6.1)	-12.2	(11.0)	-111.0	(5.1)	-71.7	(11.5)	22.1	(2.0)	25.7	(6.0)		
Switzerland	4.7	(3.8)	-5.8	(6.8)	-74.2	(11.1)	-19.4	(3.0)	-66.8	(9.2)	-38.7	(6.5)	-76.4	(8.7)	-53.8	(7.8)	22.1	(1.3)	73.1	(5.9)		
Turkey	10.6	(5.0)	40.6	(5.6)	-17.6	(7.1)	6.4	(5.1)	-5.1	(5.5)	26.2	(5.5)	-19.5	(5.3)	-11.0	(8.1)	8.3	(1.1)	71.1	(6.0)		
United Kingdom	23.0	(3.9)	1.0	(6.3)	-38.1	(7.9)	-3.9	(4.3)	-13.5	(6.3)	-26.1	(9.4)	-46.3	(5.3)	-18.8	(6.3)	25.4	(1.4)	62.2	(5.1)		
United States	-7.1	(5.9)	-6.3	(8.4)	-60.2	(9.0)	0.6	(6.6)	-38.2	(5.2)	-21.6	(7.9)	-80.2	(4.7)	-23.8	(5.4)	29.2	(1.6)	41.5	(5.7)		
OECD average	-8.5	(0.9)	2.9	(1.4)	-44.5	(1.9)	-12.1	(1.0)	-43.2	(1.4)	-16.0	(1.4)	-59.4	(1.1)	-34.9	(1.6)	18.4	(0.2)	59.0	(1.0)		
Partners	-26.5	(11.9)	18.5	(7.5)	-56.4	(11.0)	-2.8	(4.8)	-37.0	(8.1)	-8.1	(6.2)	-58.8	(8.3)	-44.2	(11.8)	14.3	(1.9)	68.6	(7.8)		
Argentina	1.6	(3.7)	17.3	(5.8)	5.9	(3.8)	9.6	(6.5)	2.6	(4.2)	10.9	(5.3)	-6.5	(2.7)	7.5	(4.3)	7.4	(0.8)	12.4	(5.6)		
Azerbaijan	-18.2	(3.5)	3.0	(4.8)	-34.2	(4.6)	0.5	(4.2)	-49.0	(5.5)	-13.5	(5.4)	-38.2	(3.8)	-21.2	(7.1)	11.4	(1.2)	61.4	(4.1)		
Brazil	19.6	(5.7)	27.4	(6.0)	-20.6	(8.5)	-10.5	(4.5)	-37.3	(6.3)	-18.2	(6.1)	-58.7	(4.6)	-19.3	(7.6)	13.3	(1.7)	79.9	(6.0)		
Bulgaria	-4.1	(3.7)	-2.8	(7.1)	-29.1	(5.6)	-23.5	(4.4)	-26.8	(6.1)	-14.0	(7.6)	-48.0	(4.9)	-23.4	(10.0)	13.9	(1.3)	58.8	(3.9)		
Chile	-18.6	(4.0)	0.8	(5.1)	-47.1	(9.4)	-17.1	(5.2)	-42.7	(5.7)	-3.8	(3.9)	-47.4	(5.0)	-38.7	(9.6)	13.8	(1.3)	37.9	(4.6)		
Colombia	-13.2	(6.0)	-2.6	(5.0)	-60.4	(10.1)	-13.3	(3.6)	-38.4	(6.8)	-23.3	(4.3)	-62.2	(5.7)	-21.4	(5.6)	12.4	(1.3)	70.0	(6.6)		
Croatia	-24.3	(4.6)	15.3	(5.4)	-61.5	(11.0)	-25.5	(11.0)	-34.9	(3.0)	-66.8	(9.2)	-38.5	(6.1)	-67.1	(4.6)	-38.5	(5.8)	18.6	(1.4)	35.4	(5.4)
Estonia	6.8	(4.1)	20.6	(5.3)	14.4	(5.4)	-14.6	(6.3)	-45.6	(16.4)	-8.5	(6.1)	-28.6	(4.6)	-58.8	(14.8)	9.1	(1.5)	62.1	(7.0)		
Hong Kong-China	-8.0	(5.1)	2.2	(3.7)	-21.3	(6.8)	-6.0	(6.7)	-19.0	(5.9)	-7.6	(6.1)	-37.6	(5.6)	-13.1	(5.7)	2.8	(0.8)	49.5	(5.1)		
Indonesia	-12.4	(8.2)	17.7	(9.1)	-25.9	(10.8)	4.6	(5.6)	-38.5	(7.3)	7.6	(6.8)	-55.3	(5.4)	-17.6	(9.3)	21.3	(2.1)	51.1	(8.3)		
Israel	3.7	(3.6)	-3.3	(5.1)	-27.9	(7.0)	-6.5	(5.3)	-35.2	(5.1)	-14.1	(5.1)	-43.7	(3.7)	-45.7	(7.3)	22.6	(1.5)	33.4	(5.8)		
Jordan	24.8	(6.0)	20.0	(5.7)	2.9	(6.0)	29.9	(7.3)	15.9	(4.9)	30.7	(6.7)	-9.8	(4.7)	1.8	(5.4)	6.9	(1.1)	65.0	(5.1)		
Kyrgyzstan	7.9	(4.7)	18.7	(6.0)	-28.0	(10.1)	-13.8	(4.2)	-6.3	(5.6)	-10.9	(5.6)	-36.7	(4.5)	-24.8	(5.9)	21.3	(1.6)	32.0	(6.4)		
Latvia	16.0	(3.9)	5.2	(7.5)	-27.8	(9.9)	-7.6	(4.5)	-21.6	(5.8)	-6.3	(7.4)	-46.9	(5.6)	-21.9	(6.9)	23.2	(1.3)	47.6	(5.1)		
Lithuania	3.8	(3.0)	-10.2	(4.9)	-29.5	(5.4)	-39.0	(7.6)	-47.3	(7.1)	-30.4	(7.0)	-60.0	(4.5)	-57.0	(8.0)	7.2	(2.0)	25.1	(9.8)		
Macao-China	-6.2	(5.8)	-10.9	(8.1)	-41.2	(9.4)	-4.0	(5.6)	-35.6	(5.8)	-17.9	(5.5)	-54.8	(3.6)	-30.1	(5.8)	10.7	(1.6)	60.7	(11.9)		
Montenegro	-7.5	(10.6)	15.9	(13.0)	-45.8	(5.8)	-6.1	(6.4)	-40.0	(5.1)	-11.8	(6.8)	-51.7	(4.8)	-30.9	(6.1)	2.6	(1.2)	41.4	(10.5)		
Qatar	-13.4	(6.4)	-17.3	(5.6)	-39.6	(8.1)	-7.4	(3.8)	-29.8	(5.3)	-4.6	(7.3)	-46.9	(4.9)	-14.3	(5.6)	13.3	(2.0)	54.5	(5.9)		
Romania	16.5	(4.0)	16.0	(8.5)	-4.2	(7.7)	-2.8	(6.0)	-3.3	(4.7)	-6.6	(6.0)	-16.5	(4.7)	-15.5	(5.3)	18.0	(1.4)	38.9	(5.3)		
Russian Federation	-19.2	(5.0)	3.0	(9.8)	-40.1	(9.9)	-11.4	(2.9)	-50.5	(7.3)	-15.8	(3.9)	-46.5	(3.9)	-25.4	(6.0)	11.8	(1.2)	72.3	(4.6)		
Serbia	-7.0	(5.5)	-5.6	(7.3)	-60.3	(19.8)	-20.3	(3.0)	-21.6	(8.7)	-26.5	(6.9)	-47.9	(4.6)	-35.4	(5.4)	6.2	(1.1)	112.5	(5.6)		
Slovenia	8.4	(3.4)	35.6	(3.5)	5.1	(4.3)	-5.5	(4.6)	-32.0	(5.2)	-0.9	(3.8)	-23.9	(3.3)	-35.6	(8.0)	9.7	(1.3)	86.0	(5.6)		
Chinese Taipei	-5.8	(3.4)	-0.1	(3.5)	-12.9	(3.9)	-8.0	(9.1)	-18.5	(4.5)	1.9	(6.8)	-42.4	(3.1)	-29.2	(7.3)	10.2	(1.3)	44.2	(2.8)		
Thailand	3.9	(5.0)	-13.7	(10.1)	-22.6	(6.2)	-14.2	(5.9)	-8.9	(4.0)	1.2	(4.4)	-38.8	(4.2)	-7.8	(5.7)	8.7	(1.2)	51.8	(5.8)		
Tunisia	3.3	(8.5)	16.8	(6.0)	-26.5	(14.5)	-3.8	(4.0)	-8.9	(8.4)	4.1	(3.7)	-46.6	(5.3)	-47.6	(10.2)	17.9	(1.4)	57.5	(3.6)		
Uruguay																						

1. This table is based on the structural equation model in Box 4.1.

2. Direct effects are the relationship between two variables while holding other variables constant in the model.

3. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for socio-economically advantaged students than socio-economically disadvantaged students. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for socio-economically disadvantaged students than socio-economically advantaged students.

4. Logit is positive when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically advantaged schools than students in socio-economically disadvantaged schools. Logit is negative when the probability of attending this type of out-of-school-time lesson is higher for students in socio-economically disadvantaged schools than students in socio-economically advantaged schools.

5. The metric of the variable of students' latent performance is set by fixing the factor loading of students' performance in science to 1.

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.7 Students' latent performance, by different types of out-of-school-time lessons¹

		Direct effects of student's and school's PISA index of economic, social and cultural status on the following types of out-of-school-time lessons ²																			
		Group lessons with school teacher				Group lesson with non-school teacher				Group lesson with both school and non-school teachers				One-to-one lesson with non-school teacher				Both one-to-one and group lessons with school teachers			
		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status		Student's PISA index of economic, social and cultural status		School average PISA index of economic, social and cultural status	
		Logit ³	S.E.	Logit ⁴	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.
OECD	Australia	0.05	(0.05)	-0.23	(0.12)	-0.02	(0.05)	0.13	(0.19)	0.14	(0.12)	-0.48	(0.23)	0.32	(0.04)	0.55	(0.09)	0.01	(0.08)	-0.33	(0.19)
	Austria	-0.12	(0.06)	0.29	(0.15)	-0.31	(0.15)	0.28	(0.20)	-0.29	(0.11)	-0.35	(0.21)	0.22	(0.06)	0.97	(0.15)	0.21	(0.16)	-1.06	(0.22)
	Belgium	-0.07	(0.07)	-0.17	(0.15)	0.03	(0.10)	0.13	(0.17)	-0.24	(0.18)	-0.87	(0.29)	0.34	(0.05)	0.43	(0.10)	-0.09	(0.10)	-0.31	(0.23)
	Canada	0.05	(0.05)	-0.42	(0.11)	-0.02	(0.07)	0.59	(0.15)	0.05	(0.11)	-0.37	(0.24)	0.37	(0.05)	0.37	(0.11)	-0.02	(0.07)	-0.38	(0.16)
	Czech Republic	-0.18	(0.09)	0.13	(0.15)	0.30	(0.11)	0.66	(0.19)	-0.04	(0.16)	-0.32	(0.33)	0.43	(0.07)	0.58	(0.11)	0.00	(0.08)	-0.66	(0.20)
	Denmark	-0.01	(0.06)	0.09	(0.18)	0.02	(0.09)	-0.07	(0.29)	0.02	(0.20)	0.16	(0.38)	-0.05	(0.11)	0.91	(0.30)	-0.42	(0.13)	-0.41	(0.31)
	Finland	-0.14	(0.05)	-0.16	(0.18)	0.15	(0.13)	0.34	(0.31)	-0.34	(0.22)	0.42	(0.54)	0.41	(0.11)	-0.01	(0.24)	-0.10	(0.07)	-0.18	(0.27)
	France	-0.13	(0.05)	0.19	(0.10)	-0.13	(0.18)	-0.12	(0.28)	-0.19	(0.17)	-0.84	(0.31)	0.40	(0.06)	0.69	(0.11)	-0.35	(0.09)	-0.24	(0.22)
	Germany	-0.03	(0.06)	-0.12	(0.14)	0.12	(0.10)	0.39	(0.17)	0.22	(0.15)	-1.30	(0.43)	0.10	(0.05)	0.61	(0.11)	0.10	(0.17)	-0.16	(0.36)
	Greece	-0.19	(0.11)	-0.25	(0.20)	-0.10	(0.05)	0.47	(0.15)	0.22	(0.10)	-0.01	(0.20)	0.26	(0.06)	0.88	(0.12)	-0.19	(0.13)	-0.45	(0.20)
	Hungary	-0.18	(0.07)	-0.01	(0.13)	-0.04	(0.13)	-0.21	(0.20)	-0.22	(0.16)	-0.71	(0.22)	0.36	(0.05)	0.38	(0.11)	-0.05	(0.09)	-0.22	(0.22)
	Iceland	-0.11	(0.05)	0.24	(0.23)	0.32	(0.11)	-0.71	(0.32)	0.11	(0.18)	-0.34	(0.54)	0.16	(0.09)	0.81	(0.29)	-0.23	(0.09)	0.09	(0.32)
	Ireland	-0.10	(0.07)	-0.71	(0.17)	0.23	(0.08)	0.38	(0.15)	-0.08	(0.16)	-0.93	(0.30)	0.26	(0.05)	0.30	(0.11)	0.03	(0.14)	-1.09	(0.30)
	Italy	-0.15	(0.03)	0.00	(0.07)	-0.13	(0.07)	-0.17	(0.13)	-0.05	(0.06)	-0.80	(0.11)	0.28	(0.03)	0.41	(0.07)	a	a	a	a
	Japan	0.04	(0.04)	-0.47	(0.11)	0.12	(0.07)	1.47	(0.18)	-0.03	(0.08)	0.08	(0.20)	0.24	(0.09)	1.06	(0.19)	0.28	(0.17)	-0.76	(0.27)
	Korea	-0.14	(0.05)	-0.53	(0.12)	0.04	(0.05)	0.75	(0.13)	0.09	(0.06)	0.57	(0.12)	0.30	(0.07)	-0.09	(0.15)	-0.44	(0.10)	0.04	(0.22)
	Luxembourg	-0.16	(0.08)	-0.06	(0.23)	-0.28	(0.14)	0.75	(0.24)	0.15	(0.26)	-1.51	(0.45)	0.28	(0.05)	0.26	(0.14)	-0.16	(0.09)	-0.42	(0.25)
	Mexico	-0.13	(0.05)	-0.44	(0.09)	0.28	(0.07)	0.33	(0.10)	0.18	(0.09)	-0.57	(0.15)	0.41	(0.09)	0.66	(0.14)	-0.15	(0.09)	-0.40	(0.13)
	Netherlands	-0.03	(0.08)	-0.09	(0.19)	-0.14	(0.13)	0.08	(0.32)	-0.23	(0.16)	-1.23	(0.43)	0.41	(0.09)	0.80	(0.19)	0.05	(0.11)	-0.52	(0.21)
	New Zealand	0.04	(0.08)	-0.03	(0.21)	0.16	(0.10)	0.18	(0.19)	-0.27	(0.14)	-1.09	(0.33)	0.28	(0.06)	0.88	(0.16)	-0.05	(0.10)	0.37	(0.38)
Norway	-0.14	(0.04)	-0.16	(0.11)	-0.15	(0.17)	1.02	(0.39)	-0.14	(0.14)	0.18	(0.29)	0.36	(0.12)	0.72	(0.35)	-0.35	(0.08)	0.03	(0.21)	
Poland	-0.13	(0.04)	-0.57	(0.11)	0.49	(0.08)	0.54	(0.14)	-0.07	(0.10)	0.24	(0.18)	0.61	(0.06)	0.59	(0.11)	-0.22	(0.07)	-0.30	(0.15)	
Portugal	-0.20	(0.06)	-0.39	(0.11)	0.48	(0.11)	0.19	(0.15)	0.09	(0.16)	-0.34	(0.30)	0.41	(0.06)	0.57	(0.13)	-0.15	(0.07)	-0.38	(0.14)	
Slovak Republic	-0.24	(0.09)	0.23	(0.17)	-0.09	(0.14)	0.63	(0.24)	0.18	(0.26)	-0.47	(0.37)	0.25	(0.06)	0.63	(0.13)	-0.09	(0.06)	-0.31	(0.16)	
Spain	-0.38	(0.06)	-0.07	(0.12)	0.23	(0.05)	0.07	(0.11)	-0.50	(0.14)	0.07	(0.20)	0.23	(0.05)	0.51	(0.10)	-0.26	(0.09)	-0.32	(0.24)	
Sweden	-0.23	(0.04)	-0.42	(0.13)	0.19	(0.17)	0.59	(0.29)	-0.19	(0.12)	-0.44	(0.28)	0.62	(0.13)	-0.18	(0.28)	-0.37	(0.09)	0.18	(0.33)	
Switzerland	0.04	(0.05)	-0.66	(0.15)	0.12	(0.09)	-0.32	(0.19)	-0.32	(0.12)	-0.51	(0.28)	0.15	(0.05)	0.68	(0.10)	-0.29	(0.12)	-0.41	(0.24)	
Turkey	0.03	(0.06)	-0.25	(0.18)	0.23	(0.07)	1.10	(0.14)	-0.02	(0.12)	-0.64	(0.28)	0.52	(0.11)	0.42	(0.15)	-0.15	(0.11)	-0.22	(0.29)	
United Kingdom	0.08	(0.04)	-0.45	(0.10)	0.01	(0.10)	0.02	(0.21)	0.06	(0.10)	-0.70	(0.22)	0.26	(0.05)	0.57	(0.12)	-0.09	(0.07)	-0.49	(0.18)	
United States	-0.10	(0.08)	-0.17	(0.15)	0.31	(0.11)	-0.08	(0.24)	-0.09	(0.12)	-0.61	(0.22)	0.48	(0.09)	0.11	(0.17)	-0.11	(0.07)	-0.13	(0.15)	
OECD average	-0.10	(0.01)	-0.19	(0.03)	0.08	(0.02)	0.31	(0.04)	-0.08	(0.02)	-0.46	(0.06)	0.32	(0.01)	0.53	(0.03)	-0.13	(0.02)	-0.33	(0.04)	
Partners	Argentina	-0.22	(0.10)	-0.78	(0.28)	0.17	(0.11)	-0.09	(0.23)	-0.16	(0.21)	-0.80	(0.34)	0.16	(0.07)	0.74	(0.11)	0.19	(0.14)	-0.67	(0.17)
	Azerbaijan	-0.03	(0.07)	-0.05	(0.14)	-0.17	(0.08)	-0.13	(0.20)	-0.07	(0.06)	-0.11	(0.13)	0.27	(0.11)	1.06	(0.16)	0.21	(0.08)	-0.14	(0.20)
	Brazil	-0.16	(0.06)	-0.05	(0.11)	0.13	(0.09)	0.15	(0.12)	0.18	(0.10)	-0.62	(0.13)	0.36	(0.10)	0.52	(0.14)	0.11	(0.10)	-0.26	(0.21)
	Bulgaria	-0.01	(0.08)	0.16	(0.14)	0.31	(0.12)	0.53	(0.21)	-0.01	(0.18)	-0.28	(0.19)	0.17	(0.08)	0.89	(0.13)	-0.02	(0.11)	-0.69	(0.17)
	Chile	-0.22	(0.07)	0.01	(0.12)	0.09	(0.15)	0.16	(0.19)	-0.13	(0.14)	-0.77	(0.17)	0.41	(0.11)	0.67	(0.13)	0.09	(0.13)	-0.21	(0.19)
	Colombia	-0.12	(0.10)	-0.58	(0.15)	0.35	(0.10)	-0.02	(0.12)	-0.09	(0.14)	-0.52	(0.23)	0.26	(0.08)	0.41	(0.12)	-0.15	(0.16)	-0.39	(0.33)
	Croatia	0.01	(0.08)	-0.11	(0.19)	0.16	(0.11)	0.34	(0.22)	-0.13	(0.18)	-0.91	(0.38)	0.24	(0.05)	0.72	(0.12)	0.03	(0.09)	-0.76	(0.21)
	Estonia	-0.11	(0.06)	-0.48	(0.18)	0.29	(0.10)	0.50	(0.32)	0.20	(0.12)	-0.48	(0.41)	0.14	(0.06)	0.68	(0.20)	-0.01	(0.07)	-0.81	(0.18)
	Hong Kong-China	-0.20	(0.04)	-0.79	(0.12)	0.07	(0.05)	0.72	(0.13)	0.20	(0.05)	-0.50	(0.15)	0.35	(0.07)	0.44	(0.13)	-0.08	(0.11)	-0.72	(0.37)
	Indonesia	-0.13	(0.06)	-0.08	(0.15)	0.22	(0.12)	0.48	(0.14)	0.16	(0.07)	-0.07	(0.13)	0.33	(0.11)	0.72	(0.19)	0.02	(0.05)	-0.80	(0.17)
	Israel	-0.25	(0.07)	-0.25	(0.17)	-0.03	(0.13)	-0.11	(0.22)	-0.27	(0.15)	-0.59	(0.20)	0.36	(0.05)	1.03	(0.14)	-0.12	(0.09)	-0.61	(0.20)
	Jordan	-0.09	(0.05)	0.04	(0.11)	-0.03	(0.11)	-0.04	(0.17)	-0.07	(0.07)	-0.43	(0.16)	0.29	(0.08)	0.54	(0.18)	0.10	(0.07)	-0.21	(0.15)
	Kyrgyzstan	-0.01	(0.07)	0.37	(0.15)	-0.20	(0.12)	1.01	(0.20)	-0.04	(0.09)	-0.28	(0.18)	-0.10	(0.13)	1.44	(0.23)	0.15	(0.05)	-0.40	(0.12)
	Latvia	-0.19	(0.07)	-0.36	(0.18)	0.02	(0.11)	0.53	(0.21)	-0.16	(0.11)	0.35	(0.25)	0.20	(0.06)	0.96	(0.16)	-0.21	(0.06)	-1.15	(0.17)
	Lithuania	-0.07	(0.05)	-0.50	(0.13)	-0.02	(0.10)	0.34	(0.19)	-0.12	(0.12)	-0.45	(0.28)	0.40	(0.06)	0.87	(0.13)	0.16	(0.07)	-0.44	(0.18)
	Macao-China	-0.05	(0.03)	-0.08	(0.21)	0.28	(0.08)	0.21	(0.14)	-0.06	(0.05)	-0.33	(0.24)	0.42	(0.10)	0.31	(0.20)	-0.05	(0.06)	-0.45	(0.26)
	Montenegro	-0.19	(0.07)	-0.61	(0.19)	0.07	(0.10)	0.42	(0.28)	-0.31	(0.15)	-0.66	(0.33)	0.32	(0.05)	1.03	(0.19)	-0.09	(0.09)	-0.77	(0.29)
	Qatar	-0.12	(0.06)	0.36	(0.25)	-0.03	(0.10)	-0.03	(0.22)	-0.20	(0.12)	-0.27	(0.23)	0.25	(0.06)	0.68	(0.18)	0.00	(0.06)	-0.40	(0.14)
	Romania	-0.21	(0.13)	-0.36	(0.20)	0.23	(0.13)	-0.17	(0.21)	-0.07	(0.13)	-0.78	(0.20)	0.21	(0.08)	0.65	(0.13)	0.13	(0.09)	-0.48	(0.17)
	Russian Federation	-0.14	(0.04)	-0.02	(0.11)	0.02	(0.09)	0.38	(0.33)	0.01	(0.09)	-0.14	(0.19)	0.36	(0.07)	0.82	(0.21)	-0.06	(0.05)	-0.73	(0.14)
Serbia	-0.17	(0.07)	-0.46	(0.19)	0.24	(0.13)	0.45	(0.25)	-0.15	(0.14)	-1.28	(0.29)	0.19	(0.04)	0.61	(0.09)	0.14	(0.11)	-1.02	(0.21)	
Slovenia	0.01	(0.08)	-0.32	(0.19)	0.14	(0.15)	0.50	(0.32)	-0.03	(0.14)	-0.45	(0.33)	-0.01	(0.04)	0.55	(0.13)	-0.34	(0.13)	0.04	(0.28)	
Chinese Taipei	-0.16	(0.04)	-0.39	(0.09)	0.18	(0.04)	1.14	(0.13)	0.04	(0.05)	-0.22	(0.09)	0.24	(0.09)	0.59	(0.19)	-0.28	(0.06)	-0.76	(0.16)	
Thailand	-0.06	(0.07)	0.20	(0.13																	

[Part 3/3]
Table 4.7 Students' latent performance, by different types of out-of-school-time lessons¹

		Direct effects of student's and school's PISA index of economic, social and cultural status on the following types of out-of-school-time lessons ²												Students' latent performance ³					
		Both one-to-one and group lessons with non-school teachers				Both one-to-one and group lessons with both school and non-school teachers				Both one-to-one and group lessons with both school and non-school teachers									
		Student's PISA index of economic, social and cultural status ³		School average PISA index of economic, social and cultural status ⁴		Student's PISA index of economic, social and cultural status ³		School average PISA index of economic, social and cultural status ⁴		Student's PISA index of economic, social and cultural status ³		School average PISA index of economic, social and cultural status ⁴		Performance in science		Performance in mathematics		Performance in reading	
		Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Logit	S.E.	Factor loading	S.E.	Factor loading	S.E.	Factor loading	S.E.
OECD	Australia	0.08	(0.06)	0.06	(0.15)	0.02	(0.07)	-0.37	(0.15)	0.28	(0.08)	0.15	(0.16)	1.00	(0.00)	0.84	(0.01)	0.89	(0.01)
	Austria	0.41	(0.17)	-0.03	(0.36)	0.09	(0.08)	-0.41	(0.18)	-0.08	(0.21)	0.06	(0.37)	1.00	(0.00)	0.93	(0.02)	0.99	(0.03)
	Belgium	0.22	(0.10)	-0.13	(0.19)	0.12	(0.08)	-0.59	(0.19)	0.24	(0.10)	0.04	(0.18)	1.00	(0.00)	1.02	(0.03)	1.03	(0.02)
	Canada	0.16	(0.09)	0.38	(0.19)	0.03	(0.05)	-0.19	(0.12)	0.15	(0.07)	0.02	(0.16)	1.00	(0.00)	0.85	(0.01)	0.94	(0.01)
	Czech Republic	0.23	(0.10)	0.30	(0.20)	-0.35	(0.13)	-0.61	(0.46)	-0.47	(0.12)	0.42	(0.41)	1.00	(0.00)	0.85	(0.01)	0.85	(0.01)
	Denmark	-0.11	(0.19)	-0.25	(0.39)	-0.05	(0.11)	-0.33	(0.33)	0.06	(0.13)	-0.55	(0.42)	1.00	(0.00)	0.87	(0.01)	0.81	(0.01)
	Finland	0.46	(0.18)	0.56	(0.55)	0.09	(0.08)	-0.27	(0.18)	0.27	(0.14)	-0.20	(0.29)	1.00	(0.00)	0.87	(0.02)	0.91	(0.02)
	France	-0.04	(0.10)	0.28	(0.17)	0.28	(0.10)	-0.86	(0.18)	0.11	(0.13)	-0.15	(0.20)	1.00	(0.00)	0.96	(0.02)	1.03	(0.03)
	Germany	0.33	(0.14)	-0.58	(0.22)	0.11	(0.05)	-0.64	(0.12)	0.23	(0.13)	0.07	(0.37)	1.00	(0.00)	0.87	(0.02)	0.97	(0.03)
	Greece	0.23	(0.05)	0.12	(0.13)	0.20	(0.07)	-0.05	(0.16)	0.04	(0.10)	0.26	(0.16)	1.00	(0.00)	0.99	(0.02)	0.98	(0.03)
	Hungary	0.03	(0.08)	0.51	(0.13)	-0.08	(0.09)	0.89	(0.33)	-0.14	(0.10)	-0.47	(0.28)	1.00	(0.00)	0.86	(0.01)	0.93	(0.01)
	Iceland	0.31	(0.08)	0.67	(0.30)	0.30	(0.09)	-1.09	(0.25)	0.02	(0.13)	0.02	(0.26)	1.00	(0.00)	0.83	(0.01)	0.92	(0.01)
	Ireland	0.48	(0.08)	0.12	(0.16)	0.25	(0.03)	0.33	(0.06)	a	a	a	a	1.00	(0.00)	0.92	(0.02)	0.96	(0.02)
	Italy	0.25	(0.06)	-0.12	(0.11)	0.17	(0.09)	0.14	(0.16)	-0.19	(0.16)	-0.18	(0.38)	1.00	(0.00)	0.85	(0.02)	0.95	(0.02)
	Japan	0.23	(0.15)	1.50	(0.41)	0.23	(0.05)	0.26	(0.08)	0.18	(0.13)	-0.58	(0.30)	1.00	(0.00)	0.97	(0.02)	0.92	(0.02)
	Korea	0.30	(0.06)	0.57	(0.14)	-0.09	(0.05)	-0.78	(0.21)	0.23	(0.08)	0.00	(0.20)	1.00	(0.00)	0.90	(0.02)	0.96	(0.02)
	Luxembourg	-0.23	(0.09)	-0.19	(0.37)	0.15	(0.05)	-0.92	(0.11)	0.01	(0.10)	-0.24	(0.17)	1.00	(0.00)	1.02	(0.03)	1.08	(0.03)
	Mexico	0.35	(0.06)	0.36	(0.09)	0.18	(0.12)	-1.15	(0.26)	0.10	(0.13)	0.01	(0.27)	1.00	(0.00)	0.90	(0.02)	0.96	(0.03)
	Netherlands	0.50	(0.22)	-0.41	(0.45)	-0.00	(0.10)	-0.53	(0.26)	0.04	(0.09)	-0.13	(0.30)	1.00	(0.00)	0.79	(0.01)	0.88	(0.01)
	New Zealand	0.23	(0.09)	0.40	(0.27)	-0.05	(0.09)	-0.39	(0.21)	0.02	(0.14)	0.11	(0.39)	1.00	(0.00)	0.89	(0.02)	0.97	(0.01)
	Norway	0.17	(0.20)	0.55	(0.42)	0.17	(0.06)	-0.02	(0.11)	0.10	(0.12)	0.01	(0.19)	1.00	(0.00)	0.89	(0.01)	0.98	(0.01)
	Poland	0.62	(0.08)	0.58	(0.15)	0.09	(0.07)	-0.39	(0.15)	-0.15	(0.10)	-0.02	(0.18)	1.00	(0.00)	0.97	(0.02)	1.02	(0.02)
	Portugal	0.31	(0.08)	0.03	(0.14)	0.33	(0.07)	-0.33	(0.14)	0.14	(0.11)	0.21	(0.17)	1.00	(0.00)	0.94	(0.02)	1.01	(0.02)
	Slovak Republic	0.26	(0.07)	0.32	(0.13)	0.08	(0.07)	-0.09	(0.13)	-0.20	(0.12)	0.43	(0.20)	1.00	(0.00)	0.92	(0.01)	0.86	(0.01)
	Spain	0.26	(0.04)	-0.35	(0.09)	-0.12	(0.08)	-0.56	(0.22)	-0.08	(0.16)	-0.14	(0.44)	1.00	(0.00)	0.89	(0.01)	0.93	(0.02)
	Sweden	0.29	(0.12)	-0.01	(0.46)	-0.06	(0.07)	-0.58	(0.20)	-0.02	(0.09)	0.26	(0.21)	1.00	(0.00)	0.92	(0.01)	0.87	(0.01)
	Switzerland	0.20	(0.10)	0.31	(0.23)	0.27	(0.08)	-0.59	(0.17)	0.46	(0.12)	-0.69	(0.31)	1.00	(0.00)	1.03	(0.03)	0.98	(0.04)
	Turkey	0.42	(0.09)	0.43	(0.15)	0.10	(0.06)	-0.70	(0.14)	0.18	(0.09)	-0.19	(0.17)	1.00	(0.00)	0.78	(0.01)	0.87	(0.01)
United Kingdom	0.16	(0.10)	-0.10	(0.23)	-0.06	(0.05)	-0.95	(0.19)	0.12	(0.07)	0.04	(0.13)	1.00	(0.00)	0.86	(0.02)	m	m	
United States	0.06	(0.10)	-0.44	(0.18)	0.22	(0.09)	-0.62	(0.15)	0.46	(0.15)	-0.45	(0.32)	1.00	(0.00)	0.92	(0.03)	1.13	(0.03)	
OECD average	0.24	(0.02)	0.18	(0.05)	0.09	(0.01)	-0.41	(0.04)	0.07	(0.02)	-0.07	(0.05)	1.00	(0.00)	0.90	(0.00)	0.95	(0.00)	
Partners	Argentina	0.18	(0.08)	0.40	(0.13)	0.21	(0.04)	-0.02	(0.10)	0.11	(0.11)	0.41	(0.16)	1.00	(0.00)	0.52	(0.03)	0.84	(0.07)
	Azerbaijan	0.28	(0.12)	0.39	(0.20)	0.36	(0.05)	-0.31	(0.09)	0.39	(0.15)	-0.32	(0.21)	1.00	(0.00)	1.01	(0.03)	1.00	(0.04)
	Brazil	0.22	(0.08)	0.39	(0.14)	0.14	(0.06)	-0.71	(0.11)	-0.10	(0.11)	-0.16	(0.17)	1.00	(0.00)	0.87	(0.02)	1.01	(0.03)
	Bulgaria	0.24	(0.09)	0.37	(0.16)	0.27	(0.10)	-0.41	(0.17)	0.20	(0.19)	-0.02	(0.25)	1.00	(0.00)	0.94	(0.02)	0.98	(0.03)
	Chile	0.44	(0.16)	0.16	(0.23)	0.09	(0.07)	-0.50	(0.17)	0.00	(0.11)	-0.24	(0.18)	1.00	(0.00)	1.00	(0.02)	1.03	(0.03)
	Colombia	0.40	(0.08)	0.19	(0.13)	0.01	(0.09)	-0.58	(0.12)	0.33	(0.16)	-0.67	(0.33)	1.00	(0.00)	1.03	(0.04)	1.13	(0.05)
	Croatia	0.15	(0.07)	0.12	(0.17)	0.02	(0.06)	-0.91	(0.24)	0.07	(0.10)	-0.23	(0.19)	1.00	(0.00)	0.90	(0.01)	0.95	(0.02)
	Estonia	0.40	(0.08)	0.01	(0.18)	-0.06	(0.07)	-0.23	(0.18)	-0.06	(0.08)	-0.41	(0.19)	1.00	(0.00)	0.93	(0.01)	0.93	(0.02)
	Hong Kong-China	0.39	(0.08)	0.76	(0.14)	0.38	(0.05)	-0.18	(0.12)	0.41	(0.14)	-0.79	(0.38)	1.00	(0.00)	0.98	(0.02)	0.80	(0.02)
	Indonesia	0.65	(0.09)	0.28	(0.14)	0.36	(0.05)	-0.86	(0.13)	-0.03	(0.08)	-0.88	(0.18)	1.00	(0.00)	1.15	(0.02)	1.06	(0.02)
	Israel	0.10	(0.09)	0.38	(0.17)	0.07	(0.05)	-0.69	(0.13)	0.09	(0.09)	0.36	(0.22)	1.00	(0.00)	0.90	(0.03)	0.99	(0.02)
	Jordan	0.04	(0.07)	0.09	(0.16)	0.18	(0.04)	-0.53	(0.10)	-0.01	(0.11)	0.24	(0.25)	1.00	(0.00)	0.87	(0.02)	0.95	(0.02)
	Kyrgyzstan	0.37	(0.15)	0.04	(0.18)	0.08	(0.03)	-0.46	(0.11)	-0.13	(0.06)	-0.17	(0.13)	1.00	(0.00)	1.05	(0.03)	1.17	(0.03)
	Latvia	0.36	(0.08)	0.43	(0.16)	0.25	(0.05)	-0.44	(0.14)	0.07	(0.09)	-0.11	(0.16)	1.00	(0.00)	0.89	(0.02)	0.95	(0.02)
	Lithuania	0.51	(0.11)	0.34	(0.19)	0.22	(0.08)	-0.05	(0.15)	0.47	(0.10)	-0.19	(0.18)	1.00	(0.00)	0.92	(0.01)	0.93	(0.02)
	Macao-China	0.25	(0.08)	0.02	(0.17)	-0.02	(0.05)	-0.17	(0.14)	0.02	(0.12)	-0.05	(0.41)	1.00	(0.00)	0.97	(0.03)	0.82	(0.02)
	Montenegro	0.31	(0.05)	0.09	(0.20)	0.11	(0.06)	-0.80	(0.14)	0.12	(0.08)	-0.32	(0.16)	1.00	(0.00)	0.94	(0.02)	1.03	(0.03)
	Qatar	0.04	(0.06)	-0.22	(0.17)	0.19	(0.04)	-0.76	(0.13)	0.06	(0.09)	-0.18	(0.17)	1.00	(0.00)	0.97	(0.03)	1.24	(0.03)
	Romania	0.24	(0.10)	0.30	(0.18)	0.16	(0.07)	-0.84	(0.13)	0.24	(0.10)	-0.07	(0.20)	1.00	(0.00)	0.97	(0.03)	0.97	(0.03)
	Russian Federation	0.27	(0.08)	0.07	(0.18)	0.18	(0.04)	-0.15	(0.12)	0.23	(0.07)	0.45	(0.15)	1.00	(0.00)	0.88	(0.02)	0.87	(0.02)
	Serbia	0.32	(0.07)	0.16	(0.13)	0.04	(0.06)	-0.41	(0.14)	0.32	(0.11)	-0.18	(0.25)	1.00	(0.00)	1.01	(0.02)	0.99	(0.02)
	Slovenia	0.10	(0.13)	0.18	(0.22)	0.17	(0.07)	-0.75	(0.18)	-0.03	(0.10)	-0.29	(0.27)	1.00	(0.00)	0.85	(0.02)	0.81	(0.02)
	Chinese Taipei	0.17	(0.06)	0.29	(0.12)	0.08	(0.04)	-0.41	(0.09)	-0.03	(0.13)	-0.83	(0.21)	1.00	(0.00)	1.04	(0.02)	0.83	(0.01)
	Thailand	0.47	(0.13)	0.60	(0.18)	0.35	(0.05)	-0.53	(0.09)	-0.07	(0.16)	-0.15	(0.26)	1.00	(0.00)	0.98	(0.02)	0.95	(0.02)
	Tunisia	0.15	(0.09)	0.83	(0.14)	0.23	(0.04)	-0.40	(0.10)	-0.04	(0.09)	0.32	(0.16)	1.00	(0.00)	1.06	(0.02)	1.09	(0.03)
	Uruguay	0.33	(0.06)	0.24	(0.10)	0.36	(0.09)	-0.46	(0.14)	0.14	(0.24)	-0.27	(0.4						



Table 4.8a ^[Part 1/2] Performance in science, by learning time in individual study in science

	Science performance for students who do not spend any time in individual study in science		Difference in science performance between students who spend the following learning hours per week in individual study in science and students who do not spend any time in individual study in science							
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD										
Australia	489	(2.1)	51.4	(2.2)	71.8	(3.8)	79.1	(6.5)	98.2	(10.9)
Austria	505	(4.3)	20.7	(4.3)	-2.9	(6.2)	-3.9	(9.5)	-25.8	(12.3)
Belgium	463	(3.3)	72.9	(4.0)	80.3	(4.6)	68.8	(7.9)	57.6	(17.3)
Canada	513	(3.0)	28.1	(3.1)	39.0	(3.4)	38.2	(6.3)	40.8	(9.1)
Czech Republic	506	(4.0)	24.8	(3.3)	16.9	(6.4)	1.2	(10.6)	-7.1	(27.5)
Denmark	474	(4.7)	33.9	(4.2)	19.1	(6.5)	25.4	(13.8)	c	c
Finland	537	(2.9)	35.5	(3.0)	30.8	(5.2)	33.0	(12.2)	c	c
France	445	(4.7)	63.8	(4.7)	97.7	(6.1)	88.7	(11.8)	92.3	(24.8)
Germany	483	(6.3)	52.7	(5.8)	47.1	(6.2)	25.4	(7.3)	16.7	(10.4)
Greece	452	(4.2)	22.3	(4.5)	35.1	(4.9)	43.6	(6.8)	32.1	(11.0)
Hungary	495	(4.5)	9.3	(4.4)	19.6	(5.4)	23.7	(7.8)	30.0	(15.2)
Iceland	466	(3.9)	36.9	(4.6)	33.6	(6.9)	14.7	(13.7)	c	c
Ireland	481	(4.3)	41.3	(4.0)	49.0	(5.5)	31.5	(8.5)	22.3	(14.3)
Italy	457	(7.2)	14.2	(7.4)	32.1	(7.9)	39.7	(8.2)	41.0	(8.8)
Japan	512	(3.9)	39.4	(4.0)	26.2	(9.0)	61.5	(16.9)	c	c
Korea	486	(5.5)	45.7	(4.8)	65.5	(6.2)	82.8	(11.0)	92.1	(38.8)
Luxembourg	473	(2.6)	26.1	(3.4)	11.2	(5.1)	0.5	(8.7)	-1.7	(12.8)
Mexico	420	(4.6)	-9.6	(4.0)	-0.8	(4.9)	-4.9	(5.3)	-10.3	(6.6)
Netherlands	503	(3.9)	36.2	(3.3)	41.2	(4.9)	39.4	(9.3)	c	c
New Zealand	484	(3.9)	62.0	(4.1)	81.6	(5.6)	80.4	(11.8)	94.3	(16.6)
Norway	468	(4.1)	35.8	(4.1)	19.2	(5.9)	1.5	(11.0)	c	c
Poland	474	(5.4)	26.8	(5.1)	27.8	(5.8)	30.9	(6.7)	44.2	(8.6)
Portugal	473	(5.5)	-9.5	(4.8)	18.4	(5.5)	19.7	(6.6)	16.8	(9.7)
Slovak Republic	465	(3.8)	30.6	(4.1)	50.0	(5.4)	55.5	(8.5)	44.4	(11.9)
Spain	459	(3.3)	28.5	(3.5)	53.0	(3.6)	68.0	(4.4)	39.5	(11.3)
Sweden	482	(4.7)	32.7	(5.4)	22.5	(5.9)	-1.6	(11.7)	c	c
Switzerland	478	(3.6)	51.4	(3.5)	45.9	(5.8)	0.3	(10.3)	-23.8	(19.9)
Turkey	403	(2.5)	19.8	(4.5)	38.6	(5.2)	65.6	(9.5)	74.8	(10.8)
United Kingdom	450	(4.6)	70.3	(4.5)	103.9	(5.4)	85.4	(9.4)	96.0	(14.7)
United States	456	(6.5)	35.2	(5.7)	56.1	(5.3)	54.0	(7.7)	60.0	(11.9)
OECD average	475	(4.4)	34.3	(4.4)	41.0	(5.7)	38.3	(9.7)	40.2	(16.2)
Partners										
Argentina	370	(8.2)	32.2	(6.6)	46.1	(7.1)	57.7	(9.4)	52.8	(14.0)
Azerbaijan	372	(4.3)	10.1	(3.8)	16.9	(3.9)	22.7	(4.3)	30.7	(5.1)
Brazil	373	(3.9)	26.3	(4.0)	26.4	(4.8)	23.2	(5.4)	18.0	(9.2)
Bulgaria	406	(5.1)	28.6	(5.6)	54.9	(7.2)	67.5	(9.2)	65.9	(12.0)
Chile	419	(5.5)	23.1	(4.8)	31.7	(6.9)	36.1	(8.2)	1.3	(12.4)
Colombia	379	(4.9)	14.3	(4.8)	19.7	(4.7)	18.7	(8.3)	-5.5	(12.2)
Croatia	468	(2.9)	33.7	(3.8)	48.9	(4.1)	46.8	(5.5)	41.8	(10.8)
Estonia	514	(3.6)	22.9	(3.2)	25.7	(4.4)	29.5	(6.4)	-3.8	(16.4)
Hong Kong-China	517	(2.7)	24.9	(3.9)	58.2	(4.1)	74.4	(7.0)	89.5	(7.7)
Indonesia	380	(5.7)	14.7	(4.8)	21.1	(4.5)	19.0	(7.0)	3.7	(10.9)
Israel	465	(4.6)	15.2	(5.1)	-15.0	(5.7)	-25.5	(9.2)	-16.4	(15.3)
Jordan	384	(3.9)	38.0	(4.9)	50.1	(4.7)	55.9	(6.1)	58.8	(7.0)
Kyrgyzstan	316	(3.9)	16.2	(3.9)	23.6	(4.2)	27.1	(5.7)	18.9	(5.3)
Latvia	464	(4.8)	32.8	(4.4)	31.1	(5.6)	28.1	(7.0)	20.8	(13.0)
Liechtenstein	479	(11.1)	61.6	(12.5)	44.5	(27.5)	c	c	c	c
Lithuania	460	(4.2)	32.1	(4.5)	41.8	(5.1)	30.5	(6.8)	35.5	(11.2)
Macao-China	492	(2.0)	19.8	(3.0)	41.3	(3.9)	53.4	(5.6)	62.3	(9.0)
Montenegro	387	(3.6)	22.0	(4.3)	39.8	(4.5)	47.1	(5.4)	56.5	(7.1)
Qatar	332	(2.6)	18.5	(3.3)	32.3	(3.8)	37.5	(5.1)	63.3	(8.4)
Romania	398	(4.3)	25.0	(5.2)	35.6	(4.8)	32.1	(8.1)	54.5	(11.6)
Russian Federation	442	(6.3)	27.0	(5.3)	48.2	(6.2)	60.8	(6.0)	56.5	(5.9)
Serbia	412	(3.7)	28.7	(3.9)	44.8	(4.7)	53.9	(6.5)	53.3	(6.7)
Slovenia	497	(3.1)	26.9	(3.5)	38.6	(4.9)	48.6	(8.3)	4.3	(11.2)
Chinese Taipei	491	(4.7)	54.9	(3.6)	80.5	(5.6)	97.1	(6.3)	119.9	(11.0)
Thailand	397	(4.3)	17.8	(3.6)	38.0	(5.0)	53.8	(7.4)	67.4	(8.7)
Tunisia	354	(5.3)	34.6	(5.7)	40.6	(6.4)	48.4	(6.2)	42.4	(7.6)
Uruguay	415	(4.2)	23.7	(4.6)	34.2	(5.7)	42.4	(8.8)	14.8	(19.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

[Part 2/2]
Table 4.8a Performance in science, by learning time in individual study in science

	Difference in science performance between students who spend the following learning hours per week in individual study in science and students who do not spend any time in individual study in science															
	Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and out-of-school-time lessons in science							
	Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	37.0	(2.0)	50.5	(3.2)	59.7	(5.9)	69.6	(10.2)	32.1	(2.5)	45.9	(4.0)	55.0	(6.9)	56.8	(10.1)
Australia	7.8	(3.1)	-6.0	(4.8)	-7.0	(7.3)	-11.4	(8.8)	-2.7	(3.0)	-17.0	(4.5)	-16.8	(6.5)	-22.8	(9.7)
Austria	39.4	(3.3)	38.7	(3.9)	33.2	(6.5)	28.1	(12.2)	20.2	(3.3)	13.9	(4.0)	11.0	(6.2)	7.8	(9.2)
Belgium	18.0	(3.0)	21.4	(3.4)	21.8	(6.0)	19.9	(9.0)	10.8	(3.6)	12.8	(4.2)	13.3	(6.0)	13.5	(9.8)
Canada	14.4	(3.5)	2.0	(6.0)	-5.4	(8.7)	-15.7	(22.7)	3.3	(3.7)	-14.3	(5.3)	-19.0	(8.7)	-28.4	(20.1)
Czech Republic	24.7	(4.3)	10.2	(5.8)	11.2	(11.5)	c	c	17.3	(4.2)	2.4	(5.9)	1.7	(11.8)	c	c
Denmark	30.0	(2.8)	23.4	(4.7)	28.3	(11.6)	c	c	22.7	(3.1)	17.4	(4.5)	15.4	(12.0)	c	c
Finland	31.8	(3.8)	47.3	(5.0)	33.1	(8.7)	45.1	(14.9)	19.7	(3.6)	25.1	(4.5)	9.9	(7.9)	21.5	(14.4)
France	24.5	(4.6)	16.8	(5.1)	1.4	(6.0)	3.3	(9.4)	18.4	(4.6)	9.0	(4.9)	-1.6	(6.1)	-1.3	(9.0)
Germany	14.0	(4.2)	19.7	(4.2)	19.8	(5.9)	17.3	(9.9)	4.2	(4.0)	1.9	(3.7)	-1.2	(5.8)	-12.1	(9.5)
Greece	7.2	(4.0)	9.6	(4.5)	11.7	(6.6)	13.2	(11.0)	-1.2	(3.6)	-3.2	(4.1)	-7.7	(6.0)	-11.5	(11.4)
Hungary	33.1	(4.5)	26.3	(6.9)	4.9	(12.4)	c	c	23.3	(4.4)	19.3	(6.6)	14.2	(12.8)	c	c
Iceland	31.7	(3.2)	35.2	(4.8)	15.7	(7.3)	10.8	(12.8)	19.3	(4.2)	26.8	(5.9)	13.7	(7.6)	-3.6	(13.7)
Ireland	24.4	(3.5)	31.0	(4.3)	32.9	(4.8)	35.7	(5.9)	11.2	(3.1)	11.5	(3.7)	10.3	(4.3)	5.1	(6.1)
Italy	21.5	(3.9)	9.4	(7.5)	33.4	(15.7)	c	c	22.0	(3.7)	16.8	(7.4)	39.9	(13.6)	c	c
Japan	30.3	(3.4)	39.6	(4.2)	51.7	(7.7)	49.2	(19.0)	25.2	(3.4)	32.2	(4.2)	45.2	(7.8)	48.2	(18.1)
Korea	12.1	(2.9)	3.8	(4.7)	-5.4	(7.6)	-9.0	(11.8)	7.5	(3.1)	3.7	(4.8)	-5.4	(7.6)	-3.9	(11.1)
Luxembourg	-6.9	(3.1)	-1.3	(3.8)	-3.0	(4.2)	-3.4	(5.3)	0.1	(4.4)	5.0	(5.0)	3.8	(5.6)	4.6	(6.6)
Mexico	16.0	(2.8)	18.8	(4.6)	17.7	(6.8)	c	c	4.1	(3.8)	5.2	(5.7)	-0.4	(7.1)	c	c
Netherlands	44.2	(3.9)	52.3	(5.4)	48.8	(10.9)	68.5	(14.9)	32.8	(3.9)	42.6	(5.3)	45.5	(10.5)	66.4	(15.8)
New Zealand	30.6	(3.7)	10.6	(5.3)	-8.2	(10.3)	c	c	30.1	(3.6)	21.9	(6.0)	11.6	(11.5)	c	c
Norway	22.1	(4.7)	23.1	(5.1)	24.7	(6.2)	33.0	(8.1)	13.7	(4.6)	6.4	(5.0)	3.5	(6.1)	11.2	(8.4)
Poland	4.3	(4.2)	23.4	(4.7)	20.3	(5.7)	17.5	(8.8)	7.1	(5.8)	11.0	(6.6)	2.7	(7.0)	-2.6	(9.2)
Portugal	19.0	(4.1)	24.5	(5.3)	25.1	(8.1)	12.0	(9.9)	5.0	(4.1)	-1.4	(5.4)	-6.5	(9.1)	-16.8	(9.4)
Slovak Republic	21.1	(3.1)	41.0	(3.2)	51.5	(4.2)	27.7	(10.1)	18.4	(3.6)	28.5	(3.6)	30.5	(4.8)	4.8	(8.2)
Spain	27.7	(5.1)	15.0	(5.5)	-20.2	(11.8)	c	c	24.8	(4.9)	19.8	(5.7)	1.6	(10.1)	c	c
Sweden	37.8	(3.0)	26.7	(4.6)	-8.0	(9.5)	-14.4	(18.7)	21.4	(3.1)	7.6	(4.4)	-21.7	(7.8)	-19.4	(19.6)
Switzerland	17.3	(3.5)	29.9	(3.7)	41.8	(4.7)	50.5	(6.2)	6.1	(3.5)	6.1	(4.1)	9.1	(5.0)	13.4	(5.9)
Turkey	53.2	(4.4)	71.3	(5.0)	56.2	(8.0)	68.0	(13.0)	42.3	(4.7)	57.0	(5.5)	52.7	(8.0)	67.1	(14.3)
United Kingdom	19.9	(4.0)	30.2	(4.6)	25.5	(6.5)	28.6	(9.9)	14.7	(4.4)	21.4	(5.2)	16.4	(6.7)	22.0	(9.3)
United States	23.6	(3.7)	24.8	(4.9)	20.4	(8.4)	23.7	(12.2)	15.8	(3.9)	14.5	(5.1)	10.9	(8.3)	9.6	(11.9)
OECD average	23.6	(3.7)	24.8	(4.9)	20.4	(8.4)	23.7	(12.2)	15.8	(3.9)	14.5	(5.1)	10.9	(8.3)	9.6	(11.9)
Partners	20.2	(6.3)	30.1	(7.0)	38.1	(8.2)	32.0	(12.3)	15.0	(5.9)	21.4	(6.6)	20.0	(8.1)	14.5	(11.5)
Argentina	11.6	(3.5)	18.0	(3.5)	23.0	(4.1)	30.8	(4.8)	5.9	(3.9)	9.5	(4.0)	11.2	(4.5)	18.7	(5.3)
Azerbaijan	15.1	(3.8)	13.6	(4.8)	9.9	(5.1)	11.7	(8.6)	10.1	(3.9)	5.4	(4.7)	-3.3	(5.1)	0.5	(8.7)
Brazil	7.8	(4.9)	19.0	(5.3)	25.5	(6.5)	23.7	(7.2)	3.2	(4.8)	11.9	(5.2)	15.5	(6.5)	10.8	(7.2)
Bulgaria	12.0	(3.6)	17.3	(5.2)	11.1	(6.4)	4.6	(10.5)	6.0	(3.6)	8.4	(4.9)	3.1	(6.4)	-5.7	(11.5)
Chile	15.4	(4.6)	17.7	(5.0)	14.7	(7.1)	5.6	(12.1)	11.3	(4.5)	10.5	(4.7)	6.7	(6.8)	-3.5	(11.1)
Colombia	19.8	(3.2)	27.7	(3.4)	25.1	(5.3)	19.5	(9.5)	4.4	(3.2)	14.4	(3.7)	11.1	(4.9)	7.9	(8.7)
Croatia	17.6	(3.3)	18.2	(4.3)	20.0	(6.2)	-8.6	(14.3)	13.8	(3.0)	10.7	(3.7)	12.2	(5.7)	-4.8	(14.6)
Estonia	20.9	(3.8)	43.6	(3.7)	60.0	(6.8)	70.5	(8.9)	19.0	(5.9)	26.8	(6.5)	31.1	(9.0)	39.2	(10.3)
Hong Kong-China	15.6	(5.7)	16.7	(4.4)	11.9	(5.3)	3.5	(9.6)	7.2	(4.0)	3.6	(3.5)	-2.3	(5.0)	-8.1	(9.1)
Indonesia	17.5	(4.4)	-1.6	(5.5)	-4.3	(8.7)	-6.4	(13.4)	-0.3	(5.1)	-18.8	(6.2)	-28.4	(9.1)	-30.2	(13.4)
Israel	29.4	(4.5)	39.5	(4.6)	45.4	(5.8)	48.2	(6.7)	19.2	(4.6)	24.7	(4.7)	29.8	(6.2)	26.8	(6.8)
Jordan	16.5	(2.9)	25.6	(3.7)	31.7	(4.7)	25.9	(4.9)	11.4	(3.1)	20.2	(4.0)	23.2	(5.3)	20.1	(5.0)
Kyrgyzstan	30.4	(4.3)	26.9	(4.7)	21.5	(5.7)	16.0	(11.0)	18.0	(4.3)	8.1	(4.7)	2.1	(5.7)	-8.8	(11.4)
Latvia	26.9	(9.7)	18.3	(19.5)	c	c	c	c	27.6	(9.8)	13.1	(19.2)	c	c	c	c
Liechtenstein	21.2	(3.9)	27.7	(3.8)	16.4	(6.1)	26.6	(10.5)	13.6	(3.8)	13.6	(3.8)	5.1	(6.5)	13.4	(9.7)
Lithuania	20.0	(3.0)	38.6	(3.9)	48.8	(5.6)	57.0	(8.6)	13.5	(3.1)	22.9	(4.6)	27.6	(6.0)	28.1	(8.5)
Macao-China	18.1	(3.9)	31.0	(4.2)	36.1	(4.9)	48.5	(6.5)	8.8	(4.1)	17.8	(4.6)	20.2	(5.6)	29.7	(6.8)
Montenegro	16.7	(3.1)	28.3	(3.6)	32.9	(4.8)	57.1	(8.0)	9.4	(3.1)	17.0	(3.8)	13.6	(4.4)	24.8	(8.0)
Qatar	17.3	(4.3)	19.6	(4.3)	17.0	(5.7)	38.6	(10.5)	10.5	(4.7)	9.4	(4.7)	7.2	(6.4)	26.9	(9.2)
Romania	19.6	(4.8)	36.8	(5.6)	47.6	(5.2)	45.4	(5.4)	11.6	(4.6)	19.4	(5.5)	22.6	(5.2)	17.9	(5.1)
Russian Federation	17.1	(3.6)	23.9	(4.5)	25.1	(5.5)	35.6	(6.1)	11.6	(3.8)	14.6	(4.8)	11.8	(5.4)	22.3	(6.5)
Serbia	5.9	(3.5)	8.2	(3.8)	17.8	(8.1)	-11.4	(11.0)	1.3	(3.5)	-0.8	(3.8)	7.0	(7.8)	-16.3	(12.3)
Slovenia	32.5	(2.9)	50.2	(4.1)	57.9	(4.9)	77.2	(9.4)	26.8	(2.8)	34.9	(4.1)	41.2	(4.9)	58.6	(9.6)
Chinese Taipei	18.9	(3.9)	33.9	(4.4)	46.0	(5.9)	57.2	(8.2)	17.9	(3.8)	26.2	(4.3)	32.8	(6.0)	33.7	(7.8)
Thailand	25.0	(5.7)	29.6	(6.0)	36.2	(5.2)	31.6	(7.0)	15.8	(5.4)	15.0	(5.9)	16.5	(5.4)	8.3	(6.9)
Tunisia	9.5	(4.3)	17.7	(5.6)	20.3	(8.5)	0.4	(14.7)	5.0	(4.9)	12.6	(6.2)	11.6	(9.3)	-3.5	(15.2)
Uruguay																

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



[Part 1/2]
Table 4.8b Performance in mathematics, by learning time in individual study in mathematics

	Mathematics performance for students who do not spend any time in individual study in mathematics		Difference in mathematics performance between students who spend the following learning hours per week in individual study in mathematics and students who do not spend any time in individual study in mathematics							
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD										
Australia	482	(2.9)	38.2	(2.8)	58.1	(3.2)	60.9	(4.4)	59.7	(7.4)
Austria	498	(7.7)	21.7	(6.6)	9.3	(6.8)	-8.8	(8.4)	-48.4	(10.5)
Belgium	477	(4.8)	51.8	(5.2)	80.2	(5.4)	62.0	(6.9)	51.4	(12.6)
Canada	521	(3.2)	9.7	(3.2)	14.1	(3.5)	12.3	(4.5)	8.1	(6.2)
Czech Republic	511	(4.9)	13.3	(4.9)	-2.0	(6.2)	-31.6	(10.1)	-31.0	(13.3)
Denmark	498	(4.8)	23.4	(4.9)	15.5	(4.9)	-3.3	(6.7)	-15.2	(13.0)
Finland	530	(4.1)	24.8	(4.1)	18.1	(4.7)	11.5	(12.3)	c	c
France	451	(5.4)	45.9	(5.2)	73.7	(6.2)	61.0	(9.4)	41.1	(18.4)
Germany	476	(12.1)	43.1	(11.6)	44.8	(11.6)	16.8	(13.4)	-0.9	(11.7)
Greece	435	(3.8)	23.0	(4.3)	43.4	(4.6)	38.7	(5.6)	38.1	(8.9)
Hungary	474	(5.0)	19.1	(4.6)	30.8	(6.1)	22.8	(9.2)	-8.9	(14.6)
Iceland	499	(5.0)	14.3	(5.0)	7.0	(5.0)	-9.6	(8.5)	-28.2	(13.3)
Ireland	488	(5.3)	15.5	(4.9)	26.6	(4.7)	20.6	(7.5)	-15.1	(9.6)
Italy	425	(4.2)	29.9	(4.2)	51.2	(5.1)	51.9	(5.9)	48.8	(7.0)
Japan	486	(4.5)	38.9	(4.0)	67.6	(5.0)	80.1	(7.6)	87.2	(11.1)
Korea	483	(5.5)	49.0	(4.5)	91.2	(6.2)	110.5	(7.9)	129.4	(13.8)
Luxembourg	482	(4.0)	17.0	(4.9)	10.1	(5.0)	-13.1	(8.1)	-41.4	(10.5)
Mexico	391	(5.9)	16.1	(5.5)	30.5	(6.0)	19.8	(6.6)	9.1	(7.3)
Netherlands	505	(5.2)	36.6	(4.5)	44.8	(5.9)	26.2	(8.9)	-27.7	(20.5)
New Zealand	492	(3.9)	35.1	(4.0)	51.3	(5.6)	46.8	(7.2)	25.3	(15.8)
Norway	468	(4.4)	35.4	(4.6)	34.0	(5.5)	13.7	(9.8)	-10.9	(21.7)
Poland	478	(5.0)	18.4	(4.7)	27.7	(5.3)	15.7	(6.8)	37.6	(8.5)
Portugal	443	(4.7)	22.4	(5.2)	43.7	(4.9)	35.4	(7.5)	19.5	(10.4)
Slovak Republic	478	(5.4)	21.5	(5.9)	24.0	(6.4)	15.9	(8.4)	32.6	(12.1)
Spain	444	(4.4)	39.2	(4.2)	50.8	(4.6)	49.9	(5.8)	24.9	(9.4)
Sweden	505	(3.9)	4.0	(3.6)	-12.9	(5.7)	-38.5	(12.3)	-26.1	(17.9)
Switzerland	533	(5.7)	5.2	(4.4)	-8.5	(5.7)	-39.9	(8.1)	-71.9	(15.4)
Turkey	385	(4.6)	33.4	(5.6)	54.5	(6.4)	69.5	(9.0)	78.9	(10.8)
United Kingdom	450	(4.7)	49.8	(4.8)	64.6	(4.6)	50.1	(10.4)	49.5	(16.3)
United States	458	(5.4)	12.3	(4.6)	36.0	(5.2)	24.5	(5.9)	13.7	(8.6)
OECD average	475	(5.3)	26.9	(5.1)	36.0	(5.7)	25.7	(8.4)	14.8	(12.9)
Partners										
Argentina	369	(9.3)	21.7	(7.6)	37.0	(8.3)	22.3	(10.6)	8.9	(14.3)
Azerbaijan	462	(2.7)	13.3	(3.3)	18.4	(3.3)	20.0	(3.3)	19.7	(3.0)
Brazil	349	(5.5)	28.7	(4.7)	34.2	(6.4)	31.6	(7.8)	29.1	(9.4)
Bulgaria	386	(6.1)	26.6	(4.8)	51.2	(6.2)	58.2	(8.5)	66.6	(11.0)
Chile	392	(5.4)	24.7	(4.1)	32.4	(5.5)	26.2	(7.7)	14.8	(9.5)
Colombia	352	(6.1)	20.7	(5.9)	35.2	(6.3)	32.5	(7.0)	28.8	(10.4)
Croatia	462	(3.3)	4.2	(3.5)	13.3	(3.8)	21.4	(5.3)	0.0	(10.8)
Estonia	497	(5.3)	21.9	(5.3)	27.9	(5.2)	12.9	(5.7)	5.0	(7.0)
Hong Kong-China	489	(7.7)	52.8	(8.7)	77.7	(8.0)	85.2	(9.3)	95.8	(9.3)
Indonesia	348	(7.2)	42.5	(6.6)	56.2	(6.9)	41.8	(7.1)	31.3	(9.2)
Israel	464	(6.6)	-6.2	(6.7)	-19.4	(6.1)	-23.8	(8.6)	-11.3	(9.0)
Jordan	350	(5.2)	34.5	(5.4)	46.6	(5.2)	44.0	(6.2)	51.1	(6.7)
Kyrgyzstan	297	(5.1)	26.8	(4.2)	32.5	(5.8)	41.0	(6.5)	26.1	(5.6)
Latvia	467	(8.5)	22.0	(7.8)	29.5	(7.9)	14.3	(9.9)	-2.2	(9.5)
Liechtenstein	489	(19.4)	44.1	(21.2)	31.4	(21.7)	c	c	c	c
Lithuania	450	(3.8)	39.5	(3.9)	55.8	(4.7)	54.1	(6.8)	46.3	(10.5)
Macao-China	494	(3.7)	26.3	(4.8)	49.2	(5.0)	48.8	(6.9)	59.0	(7.7)
Montenegro	380	(4.3)	20.3	(4.7)	38.3	(5.4)	39.9	(6.9)	37.5	(8.4)
Qatar	296	(3.7)	25.1	(4.3)	39.0	(4.3)	37.9	(5.5)	39.1	(8.4)
Romania	391	(5.6)	17.2	(5.1)	40.6	(6.4)	33.8	(7.6)	52.4	(8.9)
Russian Federation	439	(7.8)	30.3	(6.5)	50.6	(7.1)	60.2	(8.9)	65.1	(10.3)
Serbia	414	(4.6)	27.6	(4.3)	33.1	(4.9)	38.2	(6.2)	24.4	(9.4)
Slovenia	490	(4.7)	15.4	(5.3)	25.6	(6.1)	25.1	(7.2)	-2.3	(8.7)
Chinese Taipei	474	(5.6)	67.8	(3.9)	119.7	(5.8)	134.2	(7.2)	144.9	(7.6)
Thailand	391	(6.0)	18.8	(5.9)	41.5	(6.5)	49.9	(7.4)	81.8	(9.2)
Tunisia	335	(4.9)	34.7	(5.1)	44.9	(6.2)	41.3	(6.7)	40.0	(7.8)
Uruguay	410	(4.8)	23.9	(5.2)	35.6	(6.3)	35.8	(7.8)	8.0	(13.8)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Part 2/2
Table 4.8b Performance in mathematics, by learning time in individual study in mathematics

	Difference in mathematics performance between students who spend the following learning hours per week in individual study in mathematics and students who do not spend any time in individual study in mathematics																
	Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and out-of-school-time lessons in mathematics								
	Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		
	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	27.7	(2.6)	38.3	(2.9)	40.8	(4.0)	41.8	(6.8)	26.9	(2.8)	40.3	(3.1)	51.0	(4.2)	52.8	(6.6)
	Austria	8.4	(6.1)	-5.5	(6.8)	-20.3	(7.0)	-50.4	(10.5)	3.8	(6.4)	-9.2	(7.0)	-19.6	(7.5)	-46.9	(10.8)
	Belgium	28.2	(3.8)	34.9	(4.2)	14.2	(4.9)	11.7	(9.1)	21.5	(4.2)	22.1	(4.6)	9.3	(6.3)	6.4	(7.8)
	Canada	3.6	(3.1)	2.8	(3.6)	-0.0	(4.5)	-6.1	(5.9)	5.1	(3.2)	6.0	(3.9)	6.2	(4.8)	1.1	(6.6)
	Czech Republic	4.9	(3.9)	-8.5	(5.0)	-29.6	(9.2)	-27.5	(11.0)	7.7	(3.8)	-3.5	(5.0)	-21.3	(9.8)	-28.3	(12.0)
	Denmark	16.9	(4.7)	8.4	(4.7)	-12.2	(6.4)	-18.8	(12.7)	14.6	(4.9)	10.6	(4.8)	-3.4	(7.8)	-12.3	(14.8)
	Finland	19.0	(3.9)	10.7	(4.5)	3.0	(11.3)	c	c	18.1	(3.7)	15.1	(4.7)	18.9	(11.3)	c	c
	France	20.6	(5.1)	26.7	(5.4)	18.7	(6.8)	7.3	(11.8)	23.1	(4.9)	31.2	(5.3)	28.8	(6.8)	27.1	(12.0)
	Germany	16.2	(6.5)	12.5	(5.8)	-2.9	(6.7)	-10.7	(7.5)	20.5	(6.3)	18.5	(5.8)	10.4	(6.7)	7.3	(7.9)
	Greece	17.0	(3.6)	27.3	(3.5)	20.5	(5.0)	27.8	(7.4)	10.2	(3.5)	14.6	(3.6)	5.9	(5.2)	13.9	(7.8)
	Hungary	2.0	(3.9)	8.2	(4.2)	2.0	(6.9)	-10.9	(9.3)	5.2	(4.1)	10.7	(4.5)	6.8	(7.6)	-3.6	(9.4)
	Iceland	12.0	(4.7)	1.7	(4.7)	-13.6	(8.4)	-24.3	(12.0)	14.0	(4.5)	8.4	(4.7)	3.8	(8.3)	-0.3	(11.7)
	Ireland	7.6	(4.0)	13.0	(4.1)	10.0	(6.7)	-21.9	(9.4)	7.7	(3.8)	16.7	(4.0)	24.4	(6.0)	12.7	(10.2)
	Italy	13.5	(4.3)	21.2	(5.0)	21.0	(5.5)	17.6	(6.1)	6.4	(4.2)	8.3	(4.9)	8.1	(5.4)	6.0	(6.4)
	Japan	17.9	(3.4)	28.6	(4.7)	32.3	(6.8)	31.3	(9.9)	16.9	(3.3)	25.5	(4.2)	29.0	(6.3)	29.4	(10.0)
	Korea	32.0	(3.9)	59.9	(5.1)	72.1	(5.2)	83.9	(7.1)	19.9	(3.9)	42.0	(4.7)	52.8	(5.3)	66.2	(6.7)
	Luxembourg	8.4	(4.2)	-0.1	(4.4)	-21.9	(7.3)	-38.7	(9.6)	8.9	(3.9)	5.9	(4.2)	-6.1	(7.1)	-12.6	(9.5)
	Mexico	15.2	(4.6)	26.3	(4.5)	19.0	(5.2)	16.6	(6.5)	8.1	(4.7)	15.7	(4.7)	10.6	(5.5)	7.4	(7.1)
	Netherlands	12.2	(3.7)	12.3	(4.5)	-4.1	(7.8)	-38.5	(14.6)	4.9	(4.2)	7.6	(4.6)	-1.3	(7.8)	-31.8	(15.2)
	New Zealand	22.5	(3.8)	29.4	(5.2)	24.6	(6.4)	17.4	(14.1)	26.1	(3.9)	38.9	(5.2)	46.0	(6.6)	52.4	(14.9)
	Norway	30.4	(4.3)	25.0	(5.2)	2.5	(8.7)	-20.2	(18.7)	31.1	(4.6)	36.4	(5.8)	24.0	(8.5)	17.1	(18.5)
	Poland	15.9	(4.4)	22.6	(4.8)	14.4	(6.7)	29.1	(7.3)	9.3	(4.2)	12.7	(4.7)	6.3	(6.3)	25.5	(7.2)
	Portugal	23.5	(4.9)	36.0	(4.6)	26.1	(7.0)	15.8	(8.4)	22.1	(6.2)	26.9	(6.1)	17.6	(9.0)	6.9	(9.1)
	Slovak Republic	10.0	(5.5)	6.5	(6.2)	-6.4	(7.9)	9.0	(10.2)	7.0	(5.1)	2.9	(5.8)	-7.4	(7.7)	16.1	(9.5)
	Spain	29.3	(4.1)	39.5	(4.4)	35.7	(5.3)	16.8	(8.6)	24.4	(4.2)	31.0	(4.1)	28.2	(5.3)	17.9	(8.8)
	Sweden	0.3	(3.5)	-17.5	(5.4)	-50.1	(10.8)	-26.0	(15.8)	5.3	(3.5)	1.7	(5.8)	-10.1	(10.2)	8.1	(18.5)
	Switzerland	3.4	(3.8)	-7.4	(4.7)	-32.9	(6.7)	-57.8	(14.1)	2.3	(4.1)	-5.4	(5.0)	-19.3	(6.8)	-32.3	(14.7)
	Turkey	27.4	(4.6)	37.7	(4.9)	50.2	(6.1)	55.4	(7.0)	13.9	(4.8)	14.5	(5.5)	21.8	(6.9)	20.6	(7.3)
	United Kingdom	35.4	(4.1)	39.4	(3.9)	31.7	(6.9)	34.8	(13.4)	35.8	(4.2)	45.4	(4.1)	48.6	(6.4)	56.3	(14.4)
	United States	3.8	(3.8)	16.6	(4.2)	9.2	(5.4)	-1.9	(7.4)	6.4	(3.8)	14.8	(4.6)	8.5	(6.1)	1.4	(7.9)
	OECD average	16.2	(4.3)	18.2	(4.8)	8.5	(7.0)	2.2	(10.6)	14.2	(4.4)	16.9	(4.9)	12.6	(7.2)	9.8	(11.0)
Partners	Argentina	16.0	(8.0)	24.7	(9.2)	22.7	(9.2)	11.5	(12.6)	9.2	(6.7)	12.5	(8.2)	10.0	(8.5)	0.7	(12.4)
	Azerbaijan	13.2	(3.3)	18.3	(3.3)	19.7	(3.4)	19.1	(3.2)	8.3	(3.3)	10.3	(3.2)	10.8	(3.5)	10.2	(3.2)
	Brazil	16.8	(4.3)	18.1	(4.8)	19.1	(6.2)	13.4	(8.3)	12.5	(4.5)	8.7	(5.0)	7.3	(6.4)	-1.4	(8.8)
	Bulgaria	15.1	(4.5)	23.2	(4.7)	25.0	(6.2)	30.6	(8.1)	11.9	(4.9)	13.5	(4.9)	15.4	(6.4)	18.4	(8.2)
	Chile	14.1	(3.4)	18.8	(3.5)	11.8	(5.9)	13.1	(8.6)	8.6	(3.3)	10.2	(3.7)	1.9	(5.5)	3.8	(8.7)
	Colombia	22.2	(5.0)	32.4	(5.7)	30.8	(7.4)	32.3	(8.6)	18.3	(4.3)	25.9	(5.4)	25.4	(7.0)	24.2	(8.9)
	Croatia	7.2	(3.4)	8.8	(3.8)	8.2	(5.2)	-2.5	(7.5)	7.6	(3.4)	9.6	(4.0)	12.6	(5.2)	6.3	(7.5)
	Estonia	16.8	(4.6)	20.0	(4.6)	5.1	(5.7)	-4.5	(7.0)	14.5	(4.5)	17.9	(4.4)	9.0	(4.9)	3.7	(6.5)
	Hong Kong-China	36.0	(6.9)	53.6	(5.7)	61.0	(7.4)	73.8	(8.3)	28.8	(7.2)	44.4	(6.3)	53.6	(7.2)	62.2	(8.4)
	Indonesia	35.4	(5.5)	44.2	(5.7)	37.8	(6.8)	30.7	(8.4)	21.2	(4.8)	25.2	(5.3)	19.8	(5.6)	15.3	(6.9)
	Israel	-7.8	(6.0)	-17.9	(6.2)	-19.7	(8.3)	-14.8	(8.8)	-4.6	(5.7)	-15.0	(6.2)	-16.8	(8.5)	-7.7	(10.2)
	Jordan	28.1	(4.7)	36.3	(4.4)	33.8	(5.0)	41.5	(6.0)	18.5	(4.5)	21.9	(4.3)	18.2	(5.0)	24.8	(6.1)
	Kyrgyzstan	21.4	(3.9)	26.8	(4.8)	35.6	(5.4)	32.3	(4.9)	15.9	(3.9)	19.2	(4.9)	24.9	(5.8)	20.0	(4.7)
	Latvia	18.9	(6.2)	22.2	(6.4)	6.5	(8.3)	-6.9	(9.0)	12.2	(6.1)	12.1	(6.4)	-4.8	(8.2)	-19.4	(8.7)
	Liechtenstein	21.3	(16.0)	17.1	(17.4)	c	c	c	c	17.8	(16.8)	16.6	(18.0)	c	c	c	c
	Lithuania	26.5	(3.5)	36.2	(4.1)	35.4	(6.2)	31.0	(9.3)	15.5	(3.6)	21.3	(4.3)	25.4	(6.0)	20.3	(8.3)
	Macao-China	23.0	(4.9)	41.1	(5.0)	38.4	(6.9)	48.0	(7.8)	23.8	(4.7)	37.6	(5.0)	38.9	(6.5)	46.1	(7.8)
	Montenegro	20.3	(4.4)	33.1	(5.2)	36.4	(6.4)	36.1	(7.7)	15.6	(4.3)	22.9	(5.2)	30.0	(6.4)	30.8	(7.4)
	Qatar	20.6	(3.9)	30.9	(4.2)	31.0	(5.3)	31.4	(7.7)	18.3	(4.3)	23.4	(4.5)	19.0	(5.6)	23.2	(7.6)
	Romania	13.4	(5.5)	25.9	(6.6)	23.8	(8.3)	31.0	(6.3)	9.2	(5.1)	18.1	(6.6)	19.0	(9.2)	28.9	(7.2)
	Russian Federation	18.8	(6.0)	35.3	(6.8)	43.2	(8.0)	49.6	(10.6)	6.9	(5.6)	14.8	(6.3)	16.0	(7.1)	17.6	(10.7)
	Serbia	16.6	(3.8)	16.4	(4.4)	16.7	(5.4)	2.8	(7.5)	17.8	(4.0)	16.2	(4.8)	17.4	(6.1)	7.1	(8.1)
	Slovenia	4.3	(4.1)	-1.3	(4.3)	-3.3	(5.9)	-15.2	(7.6)	8.1	(4.1)	6.4	(4.6)	8.4	(6.2)	2.4	(8.5)
	Chinese Taipei	46.5	(3.1)	77.3	(3.7)	82.1	(4.7)	92.1	(6.1)	37.0	(2.9)	53.7	(3.6)	57.2	(4.9)	67.9	(6.1)
	Thailand	17.8	(5.5)	35.0	(6.0)	39.9	(7.0)	66.1	(9.0)	17.0	(5.2)	26.5	(5.4)	24.3	(6.5)	41.1	(8.3)
	Tunisia	25.5	(4.6)	31.5	(4.9)	28.7	(5.5)	29.7	(6.7)	20.0	(4.4)	19.5	(5.1)	15.1	(5.6)	17.2	(6.8)
	Uruguay	10.1	(4.9)	15.0	(5.5)	14.9	(8.0)	14.5	(13.5)	5.7	(5.1)	9.6	(5.6)	14.1	(8.7)	11.2	(14.6)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



Table 4.8c Performance in reading, by learning time in individual study on the language of instruction

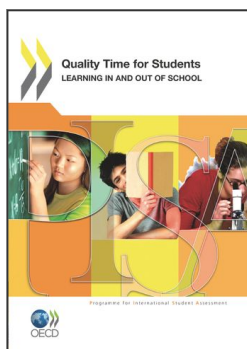
	Reading performance for students who do not spend any time in individual study on the language of instruction		Difference in reading performance between students who spend the following learning hours per week in individual study on the language of instruction and students who do not spend any time in individual study on the language of instruction							
			Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
	Mean score	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD										
Australia	475	(3.1)	43.3	(2.9)	54.9	(3.6)	41.2	(5.2)	24.9	(8.8)
Austria	493	(5.3)	14.8	(5.3)	-14.3	(6.9)	-45.9	(10.5)	-105.2	(15.3)
Belgium	470	(6.2)	51.9	(6.0)	42.4	(6.2)	-3.2	(13.2)	-4.8	(16.6)
Canada	514	(3.0)	16.9	(3.0)	26.6	(3.8)	28.1	(5.5)	14.0	(7.3)
Czech Republic	473	(6.4)	27.4	(5.6)	13.4	(6.9)	-13.2	(16.7)	-7.5	(26.6)
Denmark	465	(6.8)	28.6	(7.1)	43.0	(6.8)	31.3	(8.3)	30.9	(11.5)
Finland	520	(4.0)	33.0	(3.8)	39.8	(6.3)	29.9	(12.3)	51.1	(19.1)
France	454	(6.3)	37.8	(5.5)	62.4	(6.1)	58.0	(10.1)	33.5	(28.4)
Germany	497	(7.2)	21.0	(6.2)	13.4	(7.4)	-12.4	(9.1)	-47.4	(9.8)
Greece	444	(5.4)	19.7	(4.9)	25.0	(4.9)	29.6	(6.2)	28.6	(9.3)
Hungary	453	(6.6)	31.4	(6.4)	43.1	(7.3)	41.2	(8.8)	16.2	(14.1)
Iceland	460	(5.2)	35.9	(5.4)	30.2	(5.9)	-10.3	(10.3)	-24.7	(21.2)
Ireland	509	(5.5)	11.9	(5.1)	22.3	(5.9)	3.1	(6.9)	-23.6	(10.4)
Italy	416	(6.8)	43.7	(6.1)	63.9	(6.7)	70.0	(7.2)	c	c
Japan	473	(4.6)	40.4	(4.0)	39.6	(6.4)	49.6	(14.1)	74.3	(21.4)
Korea	518	(6.0)	44.9	(4.9)	63.1	(5.8)	68.3	(8.1)	74.2	(12.5)
Luxembourg	477	(3.9)	16.1	(4.2)	-5.8	(5.4)	-54.5	(8.8)	-58.2	(15.1)
Mexico	392	(7.0)	23.8	(6.3)	30.5	(7.0)	19.3	(7.9)	6.7	(9.5)
Netherlands	494	(6.3)	28.7	(5.5)	10.3	(6.0)	-32.0	(11.0)	-4.0	(20.4)
New Zealand	492	(5.1)	42.1	(5.1)	41.7	(6.6)	18.4	(9.9)	9.1	(12.6)
Norway	456	(5.1)	45.6	(5.5)	44.0	(7.0)	30.3	(10.2)	-22.0	(12.7)
Poland	474	(6.0)	32.0	(5.9)	45.1	(6.3)	47.3	(6.6)	39.0	(10.3)
Portugal	443	(8.8)	36.7	(7.0)	32.1	(8.1)	29.5	(9.9)	7.3	(18.1)
Slovak Republic	431	(5.3)	43.1	(5.3)	52.5	(6.1)	49.5	(8.5)	50.4	(13.2)
Spain	424	(4.0)	42.4	(4.2)	49.4	(4.5)	48.4	(6.0)	34.5	(9.7)
Sweden	493	(6.1)	25.2	(5.7)	16.9	(5.9)	1.3	(10.6)	-29.1	(25.6)
Switzerland	493	(5.0)	14.7	(4.5)	-0.8	(5.6)	-46.3	(10.4)	-80.8	(15.6)
Turkey	450	(9.7)	1.7	(6.9)	-0.5	(9.1)	3.1	(9.8)	-3.8	(13.2)
United Kingdom	447	(5.3)	52.5	(5.2)	73.5	(6.1)	53.7	(10.9)	58.4	(23.0)
United States	m	m	m	m	m	m	m	m	m	m
OECD average	469	(5.9)	31.3	(5.4)	33.0	(6.3)	18.4	(9.8)	5.1	(16.4)
Partners										
Argentina	362	(12.0)	25.4	(9.5)	37.3	(10.6)	27.0	(19.0)	-43.3	(17.0)
Azerbaijan	347	(6.0)	8.0	(4.8)	12.9	(5.3)	18.4	(5.5)	19.2	(5.6)
Brazil	379	(6.7)	28.5	(5.0)	28.2	(7.4)	-3.9	(8.8)	-13.7	(14.0)
Bulgaria	363	(7.7)	43.0	(6.9)	67.7	(7.5)	70.6	(10.1)	74.3	(13.8)
Chile	440	(6.8)	7.6	(5.3)	13.3	(6.1)	4.2	(8.4)	-19.8	(14.1)
Colombia	376	(6.9)	17.1	(6.6)	19.2	(6.2)	12.4	(10.9)	-8.3	(18.4)
Croatia	472	(4.1)	8.0	(3.6)	11.9	(4.9)	19.4	(7.1)	-22.6	(13.1)
Estonia	476	(4.2)	31.9	(4.7)	36.6	(4.9)	12.4	(7.7)	11.3	(11.7)
Hong Kong-China	517	(6.4)	23.9	(6.6)	25.6	(6.8)	28.3	(7.5)	10.0	(12.4)
Indonesia	359	(12.1)	38.9	(9.8)	36.8	(10.9)	22.6	(13.4)	-0.0	(15.5)
Israel	455	(5.5)	9.6	(5.1)	-14.7	(7.2)	-35.5	(8.5)	-39.0	(12.0)
Jordan	375	(6.9)	35.2	(6.9)	36.7	(6.9)	32.4	(7.2)	27.8	(8.7)
Kyrgyzstan	258	(4.5)	40.0	(4.9)	47.8	(6.8)	51.7	(6.2)	62.6	(6.5)
Latvia	451	(12.3)	35.7	(10.6)	31.8	(12.0)	21.2	(12.9)	22.2	(16.2)
Liechtenstein	498	(15.9)	24.1	(18.4)	-15.8	(22.9)	c	c	c	c
Lithuania	433	(4.4)	40.5	(4.6)	57.5	(5.8)	48.4	(7.0)	35.8	(11.7)
Macao-China	480	(2.8)	20.4	(3.5)	13.8	(4.5)	4.8	(6.7)	-10.7	(12.8)
Montenegro	365	(4.5)	30.2	(5.2)	47.0	(5.6)	58.1	(7.5)	23.1	(8.0)
Qatar	296	(4.5)	30.0	(4.9)	31.8	(5.0)	28.8	(8.1)	-6.7	(8.7)
Romania	352	(7.7)	37.5	(6.3)	60.9	(6.8)	75.8	(7.7)	74.0	(8.7)
Russian Federation	424	(7.6)	24.1	(6.9)	14.3	(7.1)	13.8	(8.7)	-18.5	(20.1)
Serbia	380	(4.5)	29.9	(4.1)	30.0	(4.9)	29.9	(6.2)	24.8	(9.3)
Slovenia	481	(3.6)	19.8	(4.2)	24.9	(4.9)	13.6	(7.4)	1.0	(12.4)
Chinese Taipei	446	(5.1)	49.8	(3.6)	76.7	(4.7)	78.0	(7.3)	74.3	(7.3)
Thailand	407	(5.1)	12.2	(4.7)	9.7	(6.0)	10.8	(7.5)	3.0	(9.5)
Tunisia	378	(6.2)	15.6	(5.6)	-0.7	(6.0)	0.5	(8.0)	1.1	(8.5)
Uruguay	395	(6.4)	32.6	(6.3)	44.2	(7.4)	25.2	(16.3)	17.2	(18.7)

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.

Table 4.8c Performance in reading, by learning time in individual study on the language of instruction
[Part 2/2]

		Difference in reading performance between students who spend the following learning hours per week in individual study on the language of instruction and students who do not spend any time in individual study on the language of instruction															
		Accounting for socio-economic background of students and schools								Accounting for socio-economic background of students and schools as well as learning time in regular school lessons and out-of-school-time lessons on the language of instruction							
		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week		Less than 2 hours per week		2 hours or more but less than 4 hours per week		4 hours or more but less than 6 hours per week		6 hours or more per week	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	29.9	(3.0)	35.1	(3.3)	23.0	(5.0)	9.3	(8.2)	31.1	(3.0)	40.2	(3.3)	43.2	(5.2)	35.7	(8.2)
	Austria	4.5	(4.1)	-17.0	(5.0)	-31.4	(7.5)	-70.3	(14.5)	2.0	(4.2)	-14.8	(5.3)	-21.1	(7.9)	-53.3	(14.2)
	Belgium	25.9	(5.0)	17.7	(5.4)	-17.2	(10.1)	-10.4	(17.4)	24.7	(4.3)	20.7	(5.1)	-2.5	(10.9)	23.9	(18.0)
	Canada	10.1	(2.7)	12.8	(3.8)	13.9	(4.7)	-1.0	(7.4)	15.2	(2.7)	20.0	(4.1)	29.2	(5.0)	10.8	(8.5)
	Czech Republic	23.9	(4.3)	15.9	(6.2)	-4.0	(15.1)	-19.6	(17.8)	25.2	(4.5)	19.5	(5.8)	2.6	(15.2)	-25.3	(20.4)
	Denmark	24.0	(6.7)	34.7	(6.7)	25.6	(7.7)	31.0	(11.6)	22.9	(6.7)	35.6	(6.8)	28.7	(8.6)	30.7	(12.1)
	Finland	29.7	(3.6)	35.5	(5.9)	24.8	(12.1)	47.9	(18.3)	30.1	(3.5)	44.4	(5.4)	42.0	(12.0)	71.2	(16.2)
	France	22.7	(4.7)	33.8	(4.9)	33.4	(8.5)	4.4	(24.5)	24.4	(4.6)	36.6	(5.0)	44.8	(8.2)	27.4	(21.9)
	Germany	15.9	(5.4)	13.3	(5.8)	-2.2	(6.8)	-24.4	(10.4)	18.2	(5.8)	18.3	(6.2)	12.0	(7.2)	-12.6	(10.4)
	Greece	15.4	(4.1)	17.5	(4.4)	22.2	(5.1)	19.7	(8.3)	7.5	(4.4)	2.4	(4.5)	3.8	(6.1)	-2.7	(8.8)
	Hungary	16.7	(5.1)	23.6	(6.0)	20.2	(7.3)	10.3	(10.5)	11.7	(5.1)	17.2	(5.7)	13.0	(6.6)	0.6	(10.4)
	Iceland	33.6	(5.3)	27.0	(5.9)	-8.2	(10.3)	-22.4	(19.7)	31.1	(5.1)	29.0	(5.6)	10.1	(9.0)	10.7	(19.5)
	Ireland	7.7	(4.7)	14.4	(5.6)	-4.6	(6.2)	-23.5	(10.1)	9.5	(4.6)	20.0	(5.6)	19.1	(6.5)	15.2	(9.1)
	Italy	28.1	(6.9)	34.8	(7.2)	33.8	(7.7)	c	c	24.9	(6.4)	26.7	(6.4)	27.4	(6.9)	c	c
	Japan	22.5	(4.0)	17.7	(5.5)	15.5	(12.2)	33.1	(20.0)	24.9	(4.1)	25.0	(5.7)	33.3	(11.6)	41.0	(16.8)
	Korea	29.4	(3.9)	38.3	(4.3)	40.8	(6.0)	39.5	(9.6)	21.1	(3.7)	26.6	(4.2)	28.8	(6.1)	31.5	(9.5)
	Luxembourg	12.4	(3.7)	1.1	(4.5)	-33.0	(7.7)	-40.0	(14.0)	14.0	(3.8)	12.1	(4.8)	-2.7	(8.2)	-8.6	(14.9)
	Mexico	22.8	(5.6)	28.6	(6.3)	20.9	(7.2)	16.3	(8.1)	16.4	(6.7)	20.4	(7.7)	17.1	(8.6)	14.7	(10.0)
	Netherlands	15.3	(4.1)	8.1	(4.7)	-12.9	(9.7)	-2.9	(13.3)	20.7	(4.4)	21.0	(5.1)	10.7	(9.6)	26.5	(13.7)
	New Zealand	26.2	(4.9)	21.1	(6.1)	1.8	(9.2)	-9.4	(10.7)	30.6	(4.7)	34.3	(5.7)	36.3	(8.5)	46.4	(12.4)
Norway	40.5	(5.1)	35.3	(6.6)	16.0	(9.5)	-29.1	(12.7)	37.0	(5.1)	41.3	(6.6)	29.8	(9.2)	5.3	(17.6)	
Poland	28.7	(5.2)	40.4	(5.6)	42.6	(6.2)	37.2	(9.2)	20.1	(5.2)	27.2	(5.5)	33.5	(6.1)	32.8	(9.3)	
Portugal	32.5	(6.3)	29.7	(6.7)	26.7	(8.5)	16.5	(13.5)	27.5	(5.8)	24.8	(6.1)	32.3	(7.9)	17.2	(12.6)	
Slovak Republic	30.7	(4.6)	40.2	(5.4)	37.1	(7.6)	41.1	(11.7)	26.0	(4.6)	35.3	(6.0)	35.5	(8.4)	43.5	(11.8)	
Spain	33.9	(3.8)	41.3	(4.0)	40.6	(5.9)	28.1	(9.1)	27.8	(3.9)	32.8	(4.0)	34.5	(5.4)	28.4	(8.1)	
Sweden	22.0	(5.9)	10.8	(5.9)	-7.2	(9.7)	-43.6	(23.8)	28.6	(5.9)	29.2	(6.6)	27.8	(8.3)	5.4	(21.1)	
Switzerland	14.9	(4.3)	2.3	(4.7)	-36.0	(9.9)	-58.9	(13.8)	15.9	(4.1)	13.4	(4.7)	-8.1	(8.2)	-17.0	(14.9)	
Turkey	10.5	(4.8)	14.4	(5.6)	21.1	(6.7)	14.3	(10.1)	8.7	(4.7)	10.6	(5.4)	14.9	(6.1)	8.1	(10.2)	
United Kingdom	37.1	(4.8)	46.4	(5.3)	34.3	(9.6)	38.3	(18.7)	39.2	(4.5)	55.5	(5.3)	57.8	(8.7)	66.9	(19.1)	
United States	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
OECD average	23.0	(4.8)	23.3	(5.5)	11.6	(8.6)	1.1	(14.3)	22.0	(4.8)	25.0	(5.5)	21.9	(8.4)	16.9	(14.2)	
Partners	Argentina	20.5	(7.0)	27.9	(9.9)	24.8	(13.9)	-36.3	(16.1)	15.4	(7.1)	20.4	(10.2)	24.0	(14.6)	-20.1	(16.0)
	Azerbaijan	9.9	(4.3)	14.4	(4.8)	16.7	(5.4)	18.6	(5.8)	2.3	(4.9)	3.7	(5.2)	5.5	(6.2)	7.7	(6.5)
	Brazil	18.8	(4.1)	19.6	(5.5)	-5.5	(6.9)	-11.5	(11.7)	15.1	(4.0)	12.7	(5.1)	-10.6	(7.6)	-17.1	(11.0)
	Bulgaria	23.6	(5.6)	30.9	(5.9)	34.0	(8.3)	39.8	(9.8)	22.8	(5.7)	28.2	(6.2)	35.2	(8.4)	45.2	(10.4)
	Chile	10.4	(4.9)	15.5	(5.6)	12.3	(8.2)	-6.9	(12.5)	10.1	(5.0)	18.6	(5.7)	20.7	(9.2)	1.2	(13.5)
	Colombia	12.8	(6.1)	12.9	(5.9)	7.2	(11.2)	-3.9	(17.7)	13.6	(5.7)	13.5	(6.7)	13.4	(11.2)	1.5	(18.4)
	Croatia	12.7	(3.3)	13.5	(3.9)	15.5	(5.5)	-16.7	(10.6)	11.0	(3.3)	16.6	(3.8)	23.4	(5.5)	0.6	(10.1)
	Estonia	28.7	(5.2)	34.2	(5.5)	14.6	(7.7)	11.3	(11.4)	28.1	(4.9)	34.4	(5.4)	20.7	(8.2)	30.4	(11.6)
	Hong Kong-China	16.8	(5.6)	19.3	(5.7)	24.5	(6.5)	12.1	(11.8)	17.3	(5.2)	20.9	(5.6)	31.8	(6.2)	19.4	(10.6)
	Indonesia	32.2	(7.9)	29.5	(8.7)	25.7	(10.0)	12.2	(14.7)	23.5	(7.0)	20.3	(7.4)	20.6	(9.0)	5.6	(12.6)
	Israel	8.5	(4.9)	-9.2	(7.6)	-26.1	(8.1)	-34.8	(12.7)	7.1	(5.1)	-3.1	(7.5)	-11.5	(9.4)	-25.4	(15.1)
	Jordan	32.3	(6.2)	34.6	(6.1)	33.3	(6.6)	31.5	(7.9)	23.8	(6.5)	22.1	(6.3)	21.2	(7.1)	16.4	(8.2)
	Kyrgyzstan	27.5	(5.0)	38.3	(6.5)	43.3	(6.3)	61.4	(6.9)	15.8	(5.1)	23.6	(6.9)	26.5	(6.5)	43.0	(7.6)
	Latvia	34.9	(7.5)	30.6	(8.5)	21.1	(9.4)	18.7	(12.1)	30.8	(7.5)	25.8	(8.5)	17.2	(9.5)	17.6	(12.8)
	Liechtenstein	12.9	(15.7)	-14.9	(18.5)	c	c	c	c	12.9	(15.7)	-6.8	(19.6)	c	c	c	c
	Lithuania	27.5	(4.4)	43.0	(5.5)	35.1	(6.5)	28.8	(10.2)	21.0	(4.6)	31.4	(5.6)	30.2	(7.0)	31.5	(12.0)
	Macao-China	17.8	(3.5)	9.7	(4.5)	-1.1	(6.7)	-16.3	(13.2)	20.2	(3.6)	15.8	(4.7)	13.7	(7.0)	0.5	(10.8)
	Montenegro	21.8	(4.6)	33.4	(4.7)	44.8	(6.8)	19.1	(7.6)	11.7	(5.3)	19.4	(5.7)	29.7	(7.3)	17.2	(9.2)
	Qatar	26.7	(4.7)	29.4	(4.9)	28.8	(7.8)	-2.7	(8.4)	26.5	(5.2)	26.9	(5.1)	17.6	(8.3)	-6.2	(8.8)
	Romania	30.9	(5.4)	46.9	(5.8)	62.6	(6.7)	58.9	(7.6)	21.2	(5.8)	33.7	(6.5)	50.3	(7.8)	47.5	(8.6)
	Russian Federation	13.5	(6.1)	5.7	(5.8)	7.3	(8.8)	-31.8	(17.8)	7.1	(5.8)	5.0	(5.4)	10.0	(8.7)	-26.9	(17.8)
	Serbia	18.3	(3.5)	18.9	(4.1)	13.3	(5.7)	12.0	(7.7)	21.7	(3.5)	24.8	(4.2)	22.2	(6.4)	30.2	(8.6)
	Slovenia	13.9	(3.4)	15.9	(3.7)	18.7	(6.5)	5.2	(10.6)	13.9	(3.6)	17.3	(3.8)	17.6	(7.4)	3.9	(9.4)
Chinese Taipei	31.0	(3.3)	46.4	(3.9)	49.5	(6.2)	46.2	(7.0)	29.9	(3.1)	38.6	(3.7)	42.9	(6.1)	39.9	(7.5)	
Thailand	18.0	(3.9)	20.8	(4.4)	25.6	(5.9)	22.5	(9.4)	22.6	(3.7)	28.8	(4.5)	39.0	(5.5)	32.4	(8.9)	
Tunisia	20.8	(4.6)	14.5	(5.2)	19.7	(7.0)	20.3	(7.0)	14.2	(4.6)	9.3	(5.1)	15.0	(6.8)	15.8	(7.9)	
Uruguay	20.9	(5.6)	33.1	(6.6)	21.5	(14.8)	22.4	(16.8)	11.5	(6.1)	21.3	(7.3)	16.5	(14.8)	31.1	(23.3)	

Note: Values that are statistically significant at the 5% level ($p < 0.05$) are indicated in bold.



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