



Annex B

DATA TABLES ON IMMIGRANT STUDENTS

Table B1.1 The foreign-born population aged 15 and older by country of residence and region of birth, circa 2000

	Total (thousands)	Region of origin (percentages)									Population with birth status unknown (%)	Proportion of foreign-born in the population (%)	
		Africa	Asia	Europe	North America	Oceania	South, Central America and the Caribbean	Foreign-born but region unspecified	Total	of which: OECD countries			
OECD													
Australia	3 860.2	4.3	27.0	54.4	1.8	10.5	1.9	0.0	100.0	58.1	19.3	27.4	
Austria	923.7	2.4	6.4	89.1	0.8	0.2	1.1	m	100.0	50.0	0.1	13.8	
Belgium	1 019.3	22.8	6.1	67.6	1.4	0.1	2.0	m	100.0	66.1	0.1	12.0	
Canada	5 355.2	5.2	35.2	43.1	4.6	0.9	11.0	0.0	100.0	44.3	m	22.4	
Chile	162.6	0.8	4.5	18.7	4.8	0.8	69.0	1.5	100.0	24.8	133.4	1.5	
Czech Republic	437.0	0.4	4.7	92.9	0.5	0.1	0.3	1.1	100.0	77.3	39.3	5.2	
Denmark	319.3	8.2	30.2	55.7	3.0	0.6	2.4	m	100.0	50.1	7.2	7.4	
Estonia	243.0	m	3.5	96.4	0.1	m	0.0	m	100.0	1.3	3.6	21.8	
Finland	112.4	7.2	13.5	74.3	3.2	0.5	1.4	m	100.0	40.6	4.0	2.7	
France	5 600.2	49.0	7.7	40.8	0.9	0.1	1.5	m	100.0	39.7	m	11.7	
Germany	7 832.0	2.3	12.3	68.6	0.5	m	0.7	15.7	100.0	41.8	67.3	12.5	
Greece	999.9	5.1	8.4	80.8	3.1	2.0	0.6	m	100.0	28.2	0.1	10.8	
Hungary	275.5	0.6	3.7	94.3	0.9	0.1	0.4	m	100.0	23.6	m	3.2	
Ireland	333.0	6.5	7.5	77.8	5.4	1.9	0.9	0.1	100.0	80.3	m	11.0	
Israel	1 771.0	17.3	18.5	58.8	2.5	0.1	2.8	m	100.0	14.9	0.1	39.8	
Italy	2 020.9	20.2	9.3	55.4	3.4	0.9	10.9	m	100.0	39.1	m	4.1	
Japan	1 142.4	0.4	76.0	2.4	3.5	0.7	16.9	m	100.0	5.8	1.3	1.1	
Luxembourg	129.8	4.1	2.8	90.4	0.9	0.1	1.1	0.7	100.0	85.0	1.3	36.6	
Mexico	241.5	0.3	4.1	18.5	46.5	0.3	30.3	0.1	100.0	65.2	72.2	0.4	
Netherlands	1 419.9	15.1	22.8	37.3	1.0	0.6	20.5	2.7	100.0	28.9	2.8	11.2	
New Zealand	624.1	4.8	24.6	43.3	2.9	23.8	0.7	m	100.0	54.7	19.2	22.5	
Norway	305.9	9.5	30.5	50.1	4.9	0.4	4.5	0.1	100.0	45.4	m	8.3	
Poland	737.7	0.3	1.3	95.3	0.8	0.0	0.1	2.1	100.0	20.1	70.0	2.4	
Portugal	585.9	56.7	2.7	27.3	1.8	0.1	11.4	m	100.0	25.8	m	6.7	
Slovak Republic	113.2	0.2	1.3	97.5	0.8	m	0.2	m	100.0	85.0	358.3	2.9	
Slovenia	164.4	0.2	0.3	98.9	0.3	0.1	0.2	m	100.0	8.7	m	9.9	
Spain	1 914.9	19.4	4.1	37.3	1.0	0.2	37.9	m	100.0	32.2	0.2	5.5	
Sweden	933.8	6.0	24.1	62.1	1.5	0.3	6.0	m	100.0	47.8	0.0	14.4	
Switzerland	1 454.2	4.2	6.4	77.8	1.7	0.3	3.4	6.1	100.0	62.6	17.2	25.1	
Turkey	1 130.6	0.4	6.4	91.4	1.0	0.2	m	0.7	100.0	34.6	1.1	2.4	
United Kingdom	4 503.5	16.9	32.8	34.5	4.3	3.5	7.2	0.9	100.0	38.6	m	9.4	
United States	31 389.9	2.7	25.0	17.3	2.8	0.8	51.5	0.0	100.0	46.9	m	14.5	
Total OECD	75 715.8	9.1	21.3	38.6	2.5	1.5	25.1	1.9	100.0	44.4	10.2	8.9	
Total non-OECD	16 687.4	0.8	37.9	51.9	0.3	0.1	7.8	1.2	100.0	7.7	4.5	3.0	
Total	92 403.2	7.6	24.3	41.0	2.1	1.2	22.0	1.8	100.0	37.8	9.2	6.6	
Partners													
Argentina	1 457.5	0.1	1.9	29.2	0.6	0.0	66.5	1.6	100.0	28.8	m	5.6	
Brazil	651.2	2.3	17.7	58.4	1.5	0.1	19.9	0.2	100.0	68.2	m	0.5	
Bulgaria	29.7	1.2	17.4	79.7	0.9	m	0.7	m	100.0	22.8	0.2	0.4	
Colombia	75.6	0.7	4.9	16.6	8.3	0.7	66.1	2.7	100.0	26.6	732.0	0.3	
Croatia	558.1	0.1	0.1	99.4	0.2	0.1	0.1	m	100.0	3.0	3.7	15.2	
Indonesia	18.2	m	29.0	5.1	m	2.7	m	63.2	100.0	18.1	210.6	0.0	
Jordan	291.4	32.6	18.8	2.1	m	m	m	46.4	100.0	m	0.3	9.1	
Kyrgyzstan	354.7	m	49.2	50.0	m	m	m	0.7	100.0	0.5	m	11.6	
Latvia	369.0	0.0	4.2	95.7	0.1	0.0	0.0	m	100.0	1.3	0.0	20.9	
Lithuania	198.2	m	6.0	93.4	0.5	0.0	0.1	m	100.0	3.4	11.0	7.1	
Panama	73.7	0.3	21.1	7.6	5.2	0.1	65.6	m	100.0	15.1	2.3	3.8	
Peru	60.3	0.5	11.3	27.1	11.3	0.9	48.8	m	100.0	42.0	m	0.3	
Romania	117.4	m	11.3	80.6	0.9	m	m	7.3	100.0	15.8	0.6	0.7	
Russian Federation	10 708.5	0.1	48.3	51.4	0.0	0.0	0.1	0.1	100.0	2.1	m	8.9	
Serbia	861.0	0.1	0.1	99.7	0.0	0.0	0.0	m	100.0	2.1	1.1	13.6	
Singapore	512.7	m	98.7	0.7	0.2	m	m	0.4	100.0	m	m	22.5	
Thailand	228.2	m	87.9	7.4	2.3	1.3	m	1.1	100.0	13.3	47.7	0.5	
Trinidad and Tobago	36.6	m	1.6	4.5	2.7	m	76.6	14.6	100.0	7.2	3.6	4.4	
Uruguay	78.9	0.3	2.2	51.2	1.5	0.3	44.4	0.2	100.0	50.6	m	3.3	

Source: United Nations (2011), *Trends in International Migrant Stock*.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B1.2 Percentage of parents of second-generation students, by age at arrival, 2008

	At least one parent arrived as a young child	Both parents arrived later, but not both as adults	Both parents arrived as adults	
<i>OECD</i>	Austria	15	46	39
	Belgium	38	21	41
	Estonia	67	m	m
	France	33	39	28
	Germany	25	40	36
	Greece	m	m	78
	Italy	15	26	59
	Luxembourg	18	26	57
	Netherlands	39	43	18
	Slovenia	29	53	18
	Spain	13	19	68
	United Kingdom	37	35	28
<i>Partners</i>	Latvia	53	m	m

Notes: "As a young child" means 10 years of age at most; adults are defined here as persons 20 years of age or older. Shaded cells need to be treated with caution because of low reliability.
Source: European Union Labour Force Survey, 2008 Immigrant Module.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B1.3 Proportion of students, by immigrant status

	Proportion of students								
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	Australia	76.8	(1.1)	12.1	(0.7)	11.1	(0.6)	23.2	(1.1)
	Austria	84.8	(1.2)	10.5	(0.9)	4.8	(0.6)	15.2	(1.2)
	Belgium	85.2	(1.1)	7.8	(0.7)	6.9	(0.7)	14.8	(1.1)
	Canada	75.6	(1.3)	13.7	(0.8)	10.7	(0.7)	24.4	(1.3)
	Chile	99.5	(0.1)	0.1	(0.0)	0.4	(0.1)	0.5	(0.1)
	Czech Republic	97.7	(0.2)	1.4	(0.2)	0.8	(0.1)	2.3	(0.2)
	Denmark	91.4	(0.4)	5.9	(0.3)	2.8	(0.2)	8.6	(0.4)
	Estonia	92.0	(0.6)	7.4	(0.6)	0.6	(0.1)	8.0	(0.6)
	Finland	97.4	(0.3)	1.1	(0.2)	1.4	(0.2)	2.6	(0.3)
	France	86.9	(1.4)	10.0	(1.0)	3.2	(0.5)	13.1	(1.4)
	Germany	82.4	(1.0)	11.7	(0.8)	5.9	(0.4)	17.6	(1.0)
	Greece	91.0	(0.8)	2.9	(0.3)	6.1	(0.7)	9.0	(0.8)
	Hungary	97.9	(0.3)	0.9	(0.1)	1.2	(0.2)	2.1	(0.3)
	Iceland	97.6	(0.2)	0.4	(0.1)	1.9	(0.2)	2.4	(0.2)
	Ireland	91.7	(0.6)	1.4	(0.2)	6.8	(0.5)	8.3	(0.6)
	Israel	80.3	(1.1)	12.6	(0.7)	7.1	(0.7)	19.7	(1.1)
	Italy	94.5	(0.3)	1.3	(0.1)	4.2	(0.2)	5.5	(0.3)
	Japan	99.7	(0.1)	0.1	(0.0)	0.1	(0.0)	0.3	(0.1)
	Korea	100.0	(0.0)	c	c	c	c	c	c
	Luxembourg	59.8	(0.7)	24.0	(0.6)	16.1	(0.5)	40.2	(0.7)
	Mexico	98.1	(0.2)	0.7	(0.1)	1.1	(0.1)	1.9	(0.2)
	Netherlands	87.9	(1.4)	8.9	(1.1)	3.2	(0.5)	12.1	(1.4)
	New Zealand	75.3	(1.0)	8.0	(0.6)	16.7	(0.7)	24.7	(1.0)
	Norway	93.2	(0.6)	3.6	(0.4)	3.2	(0.3)	6.8	(0.6)
	Poland	100.0	(0.0)	c	c	c	c	c	c
	Portugal	94.5	(0.5)	2.7	(0.3)	2.8	(0.3)	5.5	(0.5)
	Slovak Republic	99.5	(0.1)	0.3	(0.1)	0.3	(0.1)	0.5	(0.1)
	Slovenia	92.2	(0.4)	6.4	(0.4)	1.4	(0.2)	7.8	(0.4)
	Spain	90.5	(0.5)	1.1	(0.1)	8.4	(0.5)	9.5	(0.5)
	Sweden	88.3	(1.2)	8.0	(0.8)	3.7	(0.5)	11.7	(1.2)
	Switzerland	76.5	(0.9)	15.1	(0.7)	8.4	(0.5)	23.5	(0.9)
	Turkey	99.5	(0.1)	0.4	(0.1)	0.1	(0.1)	0.5	(0.1)
	United Kingdom	89.4	(1.0)	5.8	(0.7)	4.8	(0.4)	10.6	(1.0)
United States	80.5	(1.3)	13.0	(1.1)	6.4	(0.5)	19.5	(1.3)	
OECD average	89.6	(0.1)	6.2	(0.1)	4.8	(0.1)	11.0	(0.1)	
Partners	Albania	99.4	(0.2)	0.5	(0.2)	0.1	(0.1)	0.6	(0.2)
	Argentina	96.4	(0.5)	2.2	(0.3)	1.5	(0.3)	3.6	(0.5)
	Azerbaijan	96.9	(0.6)	2.3	(0.5)	0.8	(0.1)	3.1	(0.6)
	Brazil	99.2	(0.1)	0.5	(0.1)	0.3	(0.1)	0.8	(0.1)
	Bulgaria	99.5	(0.1)	0.2	(0.1)	0.3	(0.1)	0.5	(0.1)
	Colombia	99.7	(0.1)	0.3	(0.1)	0.0	(0.0)	0.3	(0.1)
	Croatia	89.3	(0.6)	7.2	(0.5)	3.5	(0.3)	10.7	(0.6)
	Dubai (UAE)	28.6	(0.4)	26.4	(0.6)	45.0	(0.6)	71.4	(0.4)
	Hong Kong-China	60.6	(1.5)	23.9	(0.8)	15.5	(1.0)	39.4	(1.5)
	Indonesia	99.7	(0.1)	c	c	0.3	(0.1)	0.3	(0.1)
	Jordan	86.2	(0.9)	10.5	(0.7)	3.3	(0.3)	13.8	(0.9)
	Kazakhstan	88.4	(1.1)	7.2	(0.8)	4.4	(0.6)	11.6	(1.1)
	Kyrgyzstan	98.1	(0.3)	1.1	(0.2)	0.8	(0.2)	1.9	(0.3)
	Latvia	95.5	(0.5)	4.1	(0.5)	0.4	(0.1)	4.5	(0.5)
	Liechtenstein	69.7	(2.5)	13.7	(1.8)	16.7	(1.9)	30.3	(2.5)
	Lithuania	98.3	(0.3)	1.6	(0.3)	0.2	(0.1)	1.7	(0.3)
	Macao-China	29.6	(0.6)	54.9	(0.6)	15.5	(0.4)	70.4	(0.6)
	Montenegro	93.4	(0.4)	2.5	(0.3)	4.1	(0.3)	6.6	(0.4)
	Panama	96.1	(0.8)	1.4	(0.3)	2.5	(0.7)	3.9	(0.8)
	Peru	99.6	(0.1)	0.3	(0.1)	0.2	(0.1)	0.4	(0.1)
	Qatar	53.6	(0.4)	20.0	(0.4)	26.4	(0.4)	46.4	(0.4)
	Romania	99.7	(0.1)	0.1	(0.0)	0.2	(0.1)	0.3	(0.1)
	Russian Federation	87.9	(0.7)	7.2	(0.7)	4.9	(0.4)	12.1	(0.7)
	Serbia	90.5	(0.6)	5.2	(0.4)	4.3	(0.4)	9.5	(0.6)
	Shanghai-China	99.5	(0.1)	0.1	(0.0)	0.5	(0.1)	0.5	(0.1)
	Singapore	85.6	(0.7)	4.8	(0.4)	9.6	(0.5)	14.4	(0.7)
	Chinese Taipei	99.6	(0.1)	0.2	(0.1)	0.2	(0.1)	0.4	(0.1)
	Thailand	100.0	(0.0)	c	c	c	c	c	c
	Trinidad and Tobago	97.7	(0.2)	1.2	(0.2)	1.0	(0.1)	2.3	(0.2)
	Tunisia	99.7	(0.1)	0.2	(0.1)	0.1	(0.1)	0.3	(0.1)
Uruguay	99.4	(0.1)	0.3	(0.1)	0.3	(0.1)	0.6	(0.1)	

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B1.4 Proportion of students, by immigrant status and language spoken at home
Results based on students' self-reports

	Non-immigrant students speaking the language of assessment at home		Non-immigrant students speaking another language at home		Second-generation students speaking the language of assessment at home		Second-generation students speaking another language at home		First-generation students speaking the language of assessment at home		First-generation students speaking another language at home		Immigrant students (first- and second-generation) speaking the language of assessment at home		Immigrant students (first- and second-generation) speaking another language at home	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	76.3	(1.1)	0.8	(0.1)	8.3	(0.4)	3.6	(0.3)	6.3	(0.3)	4.7	(0.5)	14.7	(0.6)	8.3	(0.7)
Austria	86.2	(1.1)	1.3	(0.2)	2.3	(0.3)	6.3	(0.6)	1.0	(0.3)	2.9	(0.3)	3.3	(0.5)	9.3	(0.8)
Belgium	71.8	(1.4)	14.4	(0.7)	3.3	(0.3)	3.8	(0.4)	3.4	(0.6)	3.2	(0.4)	6.8	(0.7)	7.0	(0.7)
Canada	73.7	(1.3)	2.6	(0.2)	8.6	(0.6)	4.7	(0.4)	3.6	(0.3)	6.9	(0.5)	12.1	(0.7)	11.6	(0.8)
Chile	99.1	(0.1)	0.4	(0.1)	0.1	(0.0)	0.0	(0.0)	0.4	(0.1)	0.0	(0.0)	0.5	(0.1)	0.0	(0.0)
Czech Republic	97.6	(0.2)	0.5	(0.1)	0.9	(0.2)	0.3	(0.1)	0.1	(0.1)	0.6	(0.1)	1.0	(0.2)	0.9	(0.1)
Denmark	92.1	(0.4)	0.5	(0.1)	2.8	(0.2)	2.3	(0.2)	0.7	(0.1)	1.6	(0.2)	3.6	(0.2)	3.9	(0.2)
Estonia	90.2	(0.7)	1.9	(0.3)	6.6	(0.6)	0.8	(0.2)	0.5	(0.1)	0.1	(0.0)	7.1	(0.6)	0.9	(0.2)
Finland	95.6	(0.4)	1.8	(0.2)	0.4	(0.1)	0.7	(0.1)	0.3	(0.1)	1.2	(0.2)	0.7	(0.1)	1.9	(0.3)
France	85.7	(1.3)	2.3	(0.4)	6.1	(0.7)	3.0	(0.4)	1.1	(0.2)	1.7	(0.3)	7.2	(0.8)	4.8	(0.6)
Germany	83.4	(1.0)	1.4	(0.2)	5.1	(0.5)	5.0	(0.5)	1.3	(0.2)	3.8	(0.4)	6.4	(0.5)	8.9	(0.7)
Greece	90.0	(0.9)	1.3	(0.3)	2.6	(0.3)	0.3	(0.1)	2.7	(0.4)	3.2	(0.5)	5.3	(0.5)	3.5	(0.5)
Hungary	97.1	(0.4)	0.8	(0.3)	0.9	(0.1)	0.0	(0.0)	1.1	(0.2)	0.1	(0.1)	2.0	(0.2)	0.1	(0.1)
Iceland	96.4	(0.3)	1.3	(0.2)	0.2	(0.1)	0.2	(0.1)	0.3	(0.1)	1.6	(0.2)	0.5	(0.1)	1.8	(0.2)
Ireland	89.8	(1.0)	2.2	(0.9)	1.3	(0.2)	0.1	(0.1)	3.1	(0.3)	3.5	(0.4)	4.4	(0.4)	3.6	(0.4)
Israel	77.4	(1.3)	4.2	(0.7)	9.3	(0.6)	2.6	(0.3)	1.7	(0.2)	4.7	(0.6)	11.1	(0.6)	7.3	(0.8)
Italy	84.0	(0.4)	10.7	(0.4)	0.8	(0.1)	0.5	(0.1)	1.0	(0.1)	3.1	(0.2)	1.7	(0.1)	3.6	(0.2)
Japan	99.6	(0.1)	0.1	(0.0)	0.1	(0.0)	0.0	(0.0)	0.1	(0.0)	0.1	(0.0)	0.2	(0.1)	0.1	(0.0)
Korea	99.9	(0.0)	0.1	(0.0)	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	2.6	(0.3)	60.6	(0.7)	4.2	(0.3)	17.6	(0.6)	4.4	(0.2)	10.7	(0.5)	8.6	(0.4)	28.2	(0.7)
Mexico	96.1	(0.3)	2.2	(0.2)	0.7	(0.1)	0.1	(0.0)	0.8	(0.1)	0.3	(0.1)	1.5	(0.1)	0.3	(0.1)
Netherlands	87.6	(1.4)	1.5	(0.5)	5.3	(0.8)	2.5	(0.4)	1.0	(0.2)	2.1	(0.3)	6.3	(0.9)	4.7	(0.6)
New Zealand	72.5	(1.1)	2.8	(0.2)	5.0	(0.4)	3.0	(0.4)	7.9	(0.5)	8.7	(0.5)	13.0	(0.7)	11.7	(0.6)
Norway	91.2	(0.6)	2.0	(0.2)	1.2	(0.2)	2.4	(0.4)	0.3	(0.1)	2.9	(0.3)	1.6	(0.2)	5.3	(0.5)
Poland	99.4	(0.1)	0.6	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	94.2	(0.5)	0.6	(0.1)	2.5	(0.3)	0.2	(0.1)	1.7	(0.2)	0.8	(0.1)	4.2	(0.4)	1.0	(0.2)
Slovak Republic	94.3	(0.8)	5.2	(0.8)	0.2	(0.1)	0.1	(0.0)	0.2	(0.1)	0.1	(0.1)	0.4	(0.1)	0.2	(0.1)
Slovenia	91.6	(0.4)	1.2	(0.2)	2.9	(0.3)	3.0	(0.3)	0.3	(0.1)	1.0	(0.2)	3.2	(0.3)	4.0	(0.3)
Spain	76.6	(1.0)	13.9	(0.9)	0.6	(0.1)	0.5	(0.1)	4.9	(0.4)	3.5	(0.3)	5.5	(0.4)	4.0	(0.4)
Sweden	88.6	(1.1)	1.2	(0.2)	2.9	(0.3)	4.0	(0.6)	0.6	(0.1)	2.8	(0.4)	3.5	(0.3)	6.8	(0.8)
Switzerland	75.6	(0.9)	3.1	(0.3)	6.2	(0.6)	7.4	(0.4)	3.0	(0.5)	4.8	(0.3)	9.2	(0.7)	12.2	(0.6)
Turkey	95.8	(0.6)	3.7	(0.5)	0.4	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	0.5	(0.1)	0.1	(0.0)
United Kingdom	88.4	(1.0)	1.3	(0.2)	4.0	(0.6)	1.8	(0.3)	1.5	(0.2)	3.1	(0.3)	5.5	(0.7)	4.9	(0.5)
United States	79.3	(1.4)	1.4	(0.2)	6.0	(0.6)	6.9	(0.6)	1.7	(0.2)	4.7	(0.5)	7.8	(0.6)	11.5	(0.9)
OECD average	85.9	(0.1)	4.4	(0.1)	3.2	(0.1)	2.6	(0.1)	1.8	(0.0)	2.8	(0.1)	5.0	(0.1)	5.4	(0.1)
Partners																
Albania	98.4	(0.3)	1.0	(0.2)	0.5	(0.2)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	0.6	(0.2)	0.0	(0.0)
Argentina	95.9	(0.5)	0.7	(0.1)	1.8	(0.3)	0.2	(0.1)	1.0	(0.2)	0.4	(0.1)	2.8	(0.4)	0.6	(0.2)
Azerbaijan	90.0	(1.2)	6.9	(1.0)	2.0	(0.5)	0.3	(0.1)	0.6	(0.1)	0.2	(0.1)	2.6	(0.6)	0.5	(0.2)
Brazil	98.6	(0.2)	0.6	(0.1)	0.5	(0.1)	0.0	(0.0)	0.3	(0.1)	0.0	(0.0)	0.8	(0.1)	0.0	(0.0)
Bulgaria	89.1	(1.8)	10.5	(1.7)	0.1	(0.1)	0.1	(0.0)	0.0	(0.0)	0.2	(0.1)	0.2	(0.1)	0.3	(0.1)
Colombia	99.3	(0.1)	0.4	(0.1)	0.3	(0.1)	0.0	(0.0)	0.1	(0.0)	0.0	(0.0)	0.3	(0.1)	0.0	(0.0)
Croatia	88.0	(0.7)	1.3	(0.4)	7.0	(0.5)	0.2	(0.1)	3.3	(0.3)	0.2	(0.1)	10.4	(0.6)	0.3	(0.1)
Dubai (UAE)	16.1	(0.4)	9.4	(0.4)	12.8	(0.5)	14.4	(0.5)	20.5	(0.6)	26.9	(0.6)	33.3	(0.7)	41.3	(0.7)
Hong Kong-China	57.8	(1.6)	2.8	(0.8)	22.8	(0.8)	1.2	(0.2)	12.2	(0.8)	3.3	(0.5)	35.0	(1.2)	4.5	(0.6)
Indonesia	35.5	(2.1)	64.3	(2.1)	c	c	c	c	0.0	(0.0)	0.2	(0.1)	0.0	(0.0)	0.2	(0.1)
Jordan	84.0	(0.9)	2.3	(0.3)	10.0	(0.7)	0.5	(0.1)	3.0	(0.3)	0.3	(0.1)	12.9	(0.9)	0.9	(0.1)
Kazakhstan	79.4	(1.3)	9.0	(0.8)	6.7	(0.8)	0.6	(0.2)	3.9	(0.6)	0.5	(0.1)	10.5	(1.1)	1.1	(0.2)
Kyrgyzstan	79.6	(1.6)	18.6	(1.6)	1.0	(0.1)	0.2	(0.1)	0.6	(0.2)	0.2	(0.1)	1.5	(0.3)	0.3	(0.1)
Latvia	87.1	(1.3)	8.6	(1.2)	3.3	(0.4)	0.7	(0.2)	0.3	(0.1)	0.1	(0.1)	3.5	(0.5)	0.8	(0.2)
Liechtenstein	69.5	(3.0)	0.7	(0.5)	8.1	(1.5)	5.7	(1.4)	7.6	(1.6)	8.5	(1.6)	15.8	(2.1)	14.1	(2.1)
Lithuania	94.7	(0.8)	3.6	(0.7)	1.0	(0.2)	0.6	(0.2)	0.1	(0.1)	0.1	(0.0)	1.1	(0.2)	0.7	(0.2)
Macao-China	24.1	(0.6)	5.5	(0.2)	50.6	(0.6)	4.3	(0.2)	14.2	(0.4)	1.3	(0.2)	64.9	(0.6)	5.6	(0.2)
Montenegro	92.4	(0.4)	1.0	(0.2)	2.3	(0.3)	0.2	(0.1)	3.6	(0.3)	0.5	(0.2)	5.9	(0.4)	0.7	(0.2)
Panama	92.4	(1.4)	3.9	(0.9)	0.8	(0.2)	0.4	(0.1)	1.4	(0.4)	1.2	(0.4)	2.1	(0.4)	1.6	(0.4)
Peru	94.7	(0.8)	4.9	(0.8)	0.3	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	0.4	(0.1)	0.0	(0.0)
Qatar	34.2	(0.4)	19.4	(0.3)	13.1	(0.4)	6.9	(0.3)	14.0	(0.3)	12.5	(0.3)	27.0	(0.4)	19.4	(0.4)
Romania	96.6	(0.6)	3.1	(0.6)	0.1	(0.1)	0.0	(0.0)	0.1	(0.1)	0.1	(0.0)	0.2	(0.1)	0.1	(0.0)
Russian Federation	80.9	(1.4)	7.0	(1.1)	5.9	(0.5)	1.3	(0.7)	3.8	(0.4)	1.1	(0.2)	9.8	(0.6)	2.3	(0.8)
Serbia	89.0	(0.6)	1.6	(0.3)	5.1	(0.4)	0.1	(0.1)	4.1	(0.4)	0.2	(0.1)	9.2	(0.6)	0.3	(0.1)
Shanghai-China	98.1	(0.3)	1.3	(0.2)	0.1	(0.0)	0.0	(0.0)	0.3	(0.1)	0.1	(0.1)	0.4	(0.1)	0.1	(0.1)
Singapore	37.8	(0.8)	48.0	(1.0)	1.4	(0.2)	3.4	(0.3)	1.6	(0.2)	7.9	(0.4)	3.0	(0.3)	11.3	(0.5)
Chinese Taipei	77.9	(1.2)	21.7	(1.2)	0.2	(0.1)	0.0	(0.0)	0.1	(0.1)	0.1	(0.0)	0.3	(0.1)	0.1	(0.0)
Thailand	51.4	(1.7)	48.6	(1.7)	c	c	c	c	c	c	c	c	c	c	c	c
Trinidad and Tobago	95.4	(0.3)	2.3	(0.2)	1.2	(0.2)	0.1	(0.1)	0.7	(0.1)	0.4	(0.1)	1.8	(0.2)	0.5	(0.1)
Tunisia	99.6	(0.1)	0.1	(0.0)	0.2	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)	0.3	(0.1)	0.0	(0.0)
Uruguay	97.3	(0.2)	2.2	(0.2)	0.2	(0.1)	0.0	(0.0)	0.2	(0.1)	0.1	(0.1)	0.4	(0.1)	0.1	(0.1)

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/2] **Sampled immigrant¹ and non-immigrant students, by test language and language spoken at home**
Table B1.5

OECD	Language of test	Percent immigrant students		Percent speaking another language at home			
				Non-immigrant students		Immigrant students	
		%	SE	%	SE	%	SE
Australia	ENGLISH	23.0	(1.1)	1.0	(0.1)	36.2	(1.8)
Austria	GERMAN	12.5	(1.0)	1.5	(0.2)	73.9	(2.8)
Belgium	DUTCH	6.8	(0.9)	22.6	(1.4)	54.9	(6.0)
	FRENCH	21.8	(2.2)	8.1	(0.7)	49.7	(3.3)
	GERMAN	20.8	(1.4)	32.6	(1.9)	41.8	(4.5)
Canada	ENGLISH	26.6	(1.5)	2.2	(0.2)	46.4	(1.5)
	FRENCH	13.8	(1.9)	6.7	(0.5)	66.2	(3.6)
Chile	SPANISH	0.5	(0.1)	0.4	(0.1)	c	c
Czech Republic	CZECH	1.9	(0.2)	0.5	(0.1)	45.9	(5.0)
Denmark	DANISH	7.4	(0.4)	0.5	(0.1)	52.0	(1.9)
Estonia	ESTONIAN	2.4	(0.3)	2.1	(0.4)	36.3	(6.4)
	RUSSIAN	32.2	(2.6)	1.5	(0.7)	2.6	(1.3)
Finland	FINNISH	2.7	(0.4)	0.7	(0.2)	73.9	(4.4)
	SWEDISH	1.3	(0.3)	18.7	(1.1)	c	c
France	FRENCH	11.9	(1.3)	2.6	(0.4)	39.8	(2.4)
Germany	GERMAN	15.3	(1.0)	1.6	(0.2)	58.0	(2.6)
Greece	GREEK	8.8	(0.8)	1.4	(0.3)	39.4	(3.4)
Hungary	HUNGARIAN	2.1	(0.3)	0.8	(0.3)	6.6	(2.9)
Iceland	ICELANDIC	2.3	(0.3)	1.3	(0.2)	78.7	(4.6)
Ireland	ENGLISH	8.1	(0.6)	0.6	(0.2)	44.9	(3.9)
	IRISH	c	c	c	c	c	c
Israel	ARABIC	1.4	(0.6)	5.1	(0.8)	c	c
	HEBREW	22.8	(1.3)	3.7	(1.2)	39.5	(2.6)
Italy	GERMAN	3.1	(0.7)	97.5	(0.5)	87.3	(12.2)
	ITALIAN	5.3	(0.2)	10.6	(0.4)	67.3	(2.0)
	SLOVENIAN	c	c	c	c	c	c
Japan	JAPANESE	0.3	(0.1)	0.1	(0.0)	c	c
Korea	KOREAN	0.0	(0.0)	0.1	(0.0)	c	c
Luxembourg	ENGLISH	c	c	c	c	c	c
	FRENCH	81.1	(1.5)	59.1	(4.1)	64.1	(1.9)
	GERMAN	23.2	(0.7)	98.6	(0.3)	91.9	(0.9)
Mexico	SPANISH	1.8	(0.2)	2.2	(0.2)	18.1	(3.2)
Netherlands	DUTCH	10.9	(1.3)	1.6	(0.5)	42.6	(2.7)
New Zealand	ENGLISH	24.7	(1.1)	3.7	(0.3)	47.4	(1.5)
Norway	NORWEGIAN	6.9	(0.6)	2.1	(0.3)	76.9	(2.2)
Poland	POLISH	0.0	(0.0)	0.6	(0.1)	c	c
Portugal	PORTUGUESE	5.2	(0.4)	0.6	(0.1)	19.1	(2.7)
Slovak Republic	HUNGARIAN	0.0	(0.0)	1.7	(0.7)	m	m
	SLOVAK	0.5	(0.1)	5.4	(0.8)	c	c
Slovenia	ITALIAN	c	c	c	c	c	c
	SLOVENIAN	7.2	(0.4)	1.2	(0.2)	55.4	(3.0)
Spain	BASQUE	0.5	(0.2)	27.2	(3.2)	c	c
	CATALAN	11.3	(1.2)	45.7	(4.0)	80.2	(5.1)
	GALICIAN	3.8	(0.5)	57.2	(3.5)	91.1	(3.7)
	SPANISH	9.9	(0.6)	2.9	(0.7)	29.5	(3.4)
	VALENCIAN	5.2	(2.9)	54.7	(14.7)	c	c
Sweden	ENGLISH	c	c	c	c	c	c
	SWEDISH	10.2	(1.0)	1.2	(0.2)	65.8	(2.3)
Switzerland	FRENCH	30.2	(2.0)	3.5	(0.6)	39.4	(4.0)
	GERMAN	17.0	(0.9)	3.2	(0.4)	71.6	(2.0)
	ITALIAN	36.6	(2.8)	23.8	(4.9)	35.1	(8.1)
Turkey	TURKISH	0.5	(0.1)	3.7	(0.5)	c	c
United Kingdom	ENGLISH	10.5	(1.0)	0.9	(0.2)	47.4	(3.2)
	WELSH	0.0	(0.0)	70.7	(5.2)	m	m
United States	ENGLISH	19.3	(1.3)	1.7	(0.3)	59.8	(1.9)

[Part 2/2] **Sampled immigrant¹ and non-immigrant students, by test language and language spoken at home**
Table B1.5 (continued)

	Language of test	Percent immigrant students		Percent speaking another language at home				
		%	SE	Non-immigrant students		Immigrant students		
				%	SE	%	SE	
Partners	Albania	ALBANIAN	0.6	(0.2)	1.0	(0.2)	c	c
	Argentina	SPANISH	3.4	(0.5)	0.8	(0.1)	17.1	(3.7)
	Azerbaijan	AZERBAIJANI	3.1	(0.6)	7.1	(1.1)	17.1	(4.9)
	Brazil	PORTUGUESE	0.8	(0.2)	0.6	(0.1)	4.3	(3.1)
	Bulgaria	BULGARIAN	0.5	(0.1)	10.6	(1.8)	c	c
	Chinese Taipei	CHINESE	0.4	(0.1)	21.8	(1.2)	c	c
	Colombia	SPANISH	0.3	(0.1)	0.4	(0.1)	c	c
	Croatia	CROATIAN	10.7	(0.6)	1.5	(0.4)	3.1	(0.8)
	Dubai (UAE)	ARABIC	39.2	(1.2)	4.6	(0.8)	6.8	(1.5)
		ENGLISH	86.7	(0.4)	87.3	(1.6)	62.9	(0.9)
	Hong Kong-China	CHINESE	39.5	(1.4)	0.8	(0.2)	8.3	(0.8)
		ENGLISH	38.8	(9.3)	90.5	(1.7)	72.7	(7.2)
	Indonesia	INDONESIAN	0.3	(0.1)	64.5	(2.2)	c	c
	Jordan	ARABIC	13.8	(0.9)	2.6	(0.4)	6.2	(0.9)
	Kazakhstan	KAZAKH	10.8	(1.4)	1.9	(0.4)	1.7	(1.0)
		RUSSIAN	13.0	(1.8)	23.0	(1.8)	19.7	(3.6)
	Kyrgyzstan	KYRGYZ	0.5	(0.2)	2.7	(0.4)	c	c
		RUSSIAN	4.2	(0.6)	61.1	(3.3)	23.0	(7.4)
		UZBEK	3.8	(2.7)	3.3	(1.0)	c	c
	Latvia	LATVIAN	1.8	(0.3)	9.9	(1.4)	50.7	(9.8)
		RUSSIAN	14.5	(1.7)	5.0	(2.8)	3.8	(1.8)
	Liechtenstein	GERMAN	29.9	(2.9)	1.0	(0.7)	47.3	(5.1)
	Lithuania	LITHUANIAN	1.2	(0.2)	3.4	(0.7)	48.7	(8.8)
		POLISH	5.7	(2.7)	13.0	(5.3)	c	c
		RUSSIAN	15.5	(3.7)	2.1	(1.6)	c	c
	Macao-China	CHINESE	73.0	(0.6)	0.6	(0.2)	1.2	(0.2)
		ENGLISH	48.9	(2.0)	98.6	(0.7)	94.3	(1.4)
		PORTUGUESE	c	c	c	c	c	c
	Montenegro	ALBANIAN	c	c	c	c	c	c
		MONTENEGRIN	6.8	(0.4)	1.1	(0.2)	9.9	(3.1)
	Panama	SPANISH	3.7	(0.8)	4.0	(0.9)	42.8	(5.1)
	Peru	SPANISH	0.4	(0.1)	4.9	(0.8)	c	c
	Qatar	ARABIC	39.3	(0.6)	4.3	(0.3)	5.7	(0.5)
ENGLISH		56.1	(0.6)	96.0	(0.5)	76.0	(0.9)	
Romania	HUNGARIAN	0.0	(0.0)	0.4	(0.4)	m	m	
	ROMANIAN	0.3	(0.1)	3.2	(0.6)	c	c	
Russian Federation	RUSSIAN	12.1	(0.8)	8.0	(1.3)	19.4	(5.6)	
Serbia	HUNGARIAN	11.1	(3.4)	1.7	(1.3)	c	c	
	SERBIAN	9.4	(0.6)	1.8	(0.3)	2.8	(0.8)	
Shanghai-China	CHINESE	0.5	(0.1)	1.3	(0.2)	c	c	
Singapore	ENGLISH	14.3	(0.7)	55.9	(1.0)	78.9	(1.4)	
Thailand	THAI	0.0	(0.0)	48.6	(1.7)	m	m	
Trinidad and Tobago	ENGLISH	2.3	(0.2)	2.3	(0.2)	21.4	(4.2)	
Tunisia	ARABIC	0.3	(0.1)	0.1	(0.0)	c	c	
Uruguay	SPANISH	0.5	(0.1)	2.2	(0.2)	c	c	

1. The term "immigrant" is used to designate children of immigrants, some of whom may have been born in the country of residence.

Percentage of immigrant students in PISA 2000 and 2009
Table B1.6 Results based on students' self-reports

	Percentage of immigrant students				Change in the percentage of immigrant students	
	PISA 2000		PISA 2009		Change between 2000 and 2009 (PISA 2009 - PISA 2000)	
	%	S.E.	%	S.E.	% dif.	S.E.
OECD						
Australia	22.6	(1.8)	23.2	(1.1)	0.6	(2.1)
Austria	11.0	(0.9)	m	m	m	m
Belgium	12.0	(1.1)	14.8	(1.1)	2.8	(1.6)
Canada	20.5	(1.0)	24.4	(1.3)	3.8	(1.7)
Chile	0.3	(0.1)	0.5	(0.1)	0.2	(0.1)
Czech Republic	1.1	(0.2)	2.3	(0.2)	1.2	(0.3)
Denmark	6.2	(0.6)	8.6	(0.4)	2.5	(0.7)
Finland	1.3	(0.2)	2.6	(0.3)	1.3	(0.4)
France	12.0	(0.9)	13.1	(1.4)	1.1	(1.6)
Germany	15.2	(0.8)	17.6	(1.0)	2.4	(1.3)
Greece	4.8	(0.9)	9.0	(0.8)	4.2	(1.2)
Hungary	1.7	(0.2)	2.1	(0.3)	0.4	(0.3)
Iceland	0.8	(0.2)	2.4	(0.2)	1.6	(0.3)
Ireland	2.3	(0.3)	8.3	(0.6)	5.9	(0.7)
Israel	25.0	(1.7)	19.7	(1.1)	-5.2	(2.0)
Italy	0.9	(0.2)	5.5	(0.3)	4.6	(0.3)
Japan	0.1	(0.1)	0.3	(0.1)	0.1	(0.1)
Korea	m	m	0.0	(0.0)	m	m
Luxembourg	m	m	40.2	(0.7)	m	m
Mexico	3.6	(0.4)	1.9	(0.2)	-1.7	(0.4)
Netherlands	m	m	12.1	(1.4)	m	m
New Zealand	19.6	(1.1)	24.7	(1.0)	5.0	(1.5)
Norway	4.6	(0.4)	6.8	(0.6)	2.2	(0.7)
Poland	0.3	(0.1)	0.0	(0.0)	-0.2	(0.1)
Portugal	3.1	(0.3)	5.5	(0.5)	2.3	(0.5)
Spain	2.0	(0.4)	9.5	(0.5)	7.5	(0.6)
Sweden	10.5	(0.9)	11.7	(1.2)	1.2	(1.5)
Switzerland	20.7	(0.9)	23.5	(0.9)	2.8	(1.3)
United Kingdom	m	m	10.6	(1.0)	m	m
United States	13.6	(2.1)	19.5	(1.3)	5.9	(2.5)
OECD average-26	8.3	(0.2)	11.0	(0.2)	2.1	(0.2)
Partners						
Albania	0.8	(0.2)	0.6	(0.2)	-0.1	(0.3)
Argentina	2.3	(0.5)	3.6	(0.5)	1.3	(0.7)
Brazil	0.4	(0.1)	0.8	(0.1)	0.4	(0.2)
Bulgaria	0.4	(0.1)	0.5	(0.1)	0.1	(0.2)
Hong Kong-China	43.8	(1.0)	39.4	(1.5)	-4.4	(1.8)
Indonesia	0.4	(0.1)	0.3	(0.1)	-0.1	(0.1)
Latvia	22.1	(2.4)	4.5	(0.5)	-17.6	(2.4)
Liechtenstein	20.6	(2.1)	30.3	(2.5)	9.8	(3.3)
Peru	0.3	(0.1)	0.4	(0.1)	0.2	(0.1)
Romania	0.2	(0.1)	0.3	(0.1)	0.2	(0.1)
Russian Federation	4.6	(0.6)	12.1	(0.7)	7.5	(1.0)
Thailand	0.7	(0.5)	0.0	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Results, Volume V, Table V.4.4.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.



Table B2.1a Student performance in reading, by immigrant status

	Average student performance in reading								Difference in reading performance between								Difference in reading performance after accounting for socio-economic background between								
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Non-immigrant students and second-generation students		Non-immigrant students and first-generation students		Second- and first-generation students		Non-immigrant students and immigrant students (first- and second-generation)		Non-immigrant students and second-generation students		Non-immigrant students and first-generation students		Second- and first-generation students		Non-immigrant students and immigrant students (first- and second-generation)		
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	
OECD																									
Australia	515	(2.1)	530	(6.3)	518	(6.3)	524	(5.8)	-15.7	(6.4)	-3.4	(6.1)	12.3	(4.8)	-9.8	(5.8)	-19.0	(5.5)	-2.1	(5.2)	-16.9	(3.9)	-10.9	(5.1)	
Austria	482	(3.0)	427	(6.0)	384	(10.4)	414	(6.2)	54.7	(6.7)	97.7	(10.6)	42.9	(10.7)	68.2	(6.7)	26.4	(7.0)	61.0	(9.5)	-34.6	(9.6)	37.0	(6.7)	
Belgium	519	(2.2)	454	(7.0)	448	(8.3)	451	(6.4)	64.6	(7.2)	71.0	(8.0)	6.5	(8.6)	67.6	(6.3)	37.0	(6.6)	45.7	(6.6)	-8.7	(8.0)	41.1	(5.3)	
Canada	528	(1.5)	522	(3.6)	520	(4.6)	521	(3.4)	5.5	(3.8)	8.2	(4.7)	2.7	(4.4)	6.7	(3.6)	-1.0	(3.4)	8.7	(4.1)	-9.7	(4.2)	3.3	(3.1)	
Chile	452	(3.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Czech Republic	479	(2.9)	448	(17.9)	472	(17.5)	457	(13.7)	31.3	(17.7)	6.8	(16.8)	-24.4	(23.7)	22.3	(13.2)	20.8	(14.6)	10.7	(17.2)	10.2	(22.2)	17.1	(11.4)	
Denmark	502	(2.2)	446	(4.3)	422	(6.2)	438	(3.8)	55.5	(4.3)	79.4	(6.5)	23.9	(7.0)	63.2	(3.9)	27.4	(4.1)	53.6	(6.0)	-26.1	(6.5)	35.8	(3.7)	
Estonia	505	(2.7)	470	(6.6)	470	(17.4)	470	(6.5)	35.1	(6.5)	34.7	(17.1)	-0.4	(17.1)	35.1	(6.3)	33.5	(5.9)	35.6	(16.2)	-2.0	(16.5)	33.7	(5.8)	
Finland	538	(2.2)	493	(13.9)	449	(17.7)	468	(12.8)	45.5	(13.9)	89.0	(17.6)	43.5	(21.8)	69.7	(12.7)	42.1	(14.0)	74.7	(15.6)	-32.6	(20.8)	60.0	(11.2)	
France	505	(3.8)	449	(8.9)	428	(15.9)	444	(8.5)	55.3	(9.6)	76.9	(16.2)	21.6	(16.6)	60.5	(9.2)	25.9	(8.9)	43.3	(14.3)	-17.3	(14.6)	30.1	(8.4)	
Germany	511	(2.6)	457	(6.1)	450	(5.7)	455	(4.7)	53.8	(6.2)	60.9	(6.0)	7.1	(7.9)	56.1	(4.8)	23.1	(5.8)	34.9	(5.7)	-11.7	(8.1)	27.1	(4.3)	
Greece	489	(4.3)	456	(10.4)	420	(15.5)	432	(11.5)	33.3	(10.3)	69.0	(15.2)	35.7	(18.0)	57.4	(11.1)	21.1	(9.6)	41.6	(15.4)	-20.5	(18.1)	34.8	(10.9)	
Hungary	495	(3.1)	527	(12.4)	493	(11.6)	507	(8.3)	-31.9	(12.4)	2.3	(11.7)	34.2	(17.5)	-12.3	(8.4)	-20.3	(11.2)	-4.0	(10.1)	-16.3	(15.6)	-10.9	(7.3)	
Iceland	504	(1.4)	c	c	417	(12.4)	423	(11.7)	c	c	86.5	(12.4)	c	c	80.9	(11.7)	c	c	64.0	(12.9)	c	c	60.7	(11.9)	
Ireland	502	(3.0)	508	(12.8)	466	(7.6)	473	(7.1)	-6.3	(13.4)	36.2	(7.7)	42.5	(14.6)	28.8	(7.3)	-3.9	(13.0)	40.8	(7.0)	-44.7	(14.6)	32.9	(6.5)	
Israel	480	(3.3)	487	(6.5)	462	(9.2)	478	(6.4)	-7.1	(6.1)	17.6	(8.9)	24.7	(8.5)	1.9	(6.1)	-21.1	(4.7)	-8.9	(7.6)	-12.2	(7.4)	-16.8	(4.7)	
Italy	491	(1.6)	446	(9.4)	410	(4.5)	418	(4.2)	45.3	(9.4)	81.0	(4.7)	35.7	(10.3)	72.5	(4.4)	31.0	(9.6)	59.5	(4.6)	-28.5	(10.2)	52.6	(4.4)	
Japan	521	(3.4)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Korea	540	(3.4)	c	c	m	m	c	c	c	c	m	m	c	c	c	c	c	m	m	c	c	c	c	c	
Luxembourg	495	(1.9)	439	(2.9)	448	(4.5)	442	(2.1)	55.8	(3.7)	46.9	(4.9)	-8.9	(6.0)	52.2	(3.0)	18.4	(4.0)	19.9	(4.9)	-1.5	(6.3)	19.0	(3.1)	
Mexico	430	(1.8)	340	(9.9)	324	(9.9)	331	(7.9)	89.3	(9.7)	105.1	(9.5)	15.8	(12.3)	98.9	(7.5)	77.1	(10.1)	90.9	(9.4)	-13.8	(12.7)	85.4	(7.4)	
Netherlands	515	(5.2)	469	(8.2)	471	(12.5)	470	(7.8)	46.0	(9.3)	44.2	(10.9)	-1.9	(12.3)	45.5	(8.0)	15.7	(9.0)	10.8	(9.5)	4.9	(10.3)	14.4	(8.0)	
New Zealand	526	(2.6)	498	(8.3)	520	(4.6)	513	(4.7)	27.8	(9.0)	5.7	(5.0)	-22.1	(8.5)	12.9	(5.3)	14.3	(6.7)	13.4	(4.3)	1.0	(6.7)	13.7	(4.1)	
Norway	508	(2.6)	463	(8.0)	447	(7.8)	456	(5.9)	44.9	(8.1)	60.4	(7.5)	15.5	(10.5)	52.1	(5.7)	30.6	(7.1)	35.6	(7.3)	-5.0	(9.3)	32.9	(5.5)	
Poland	502	(2.6)	m	m	c	c	c	c	m	m	c	c	c	c	c	c	m	m	c	c	m	m	c	c	
Portugal	492	(3.1)	476	(9.4)	456	(8.8)	466	(6.9)	16.2	(9.4)	35.9	(8.9)	19.7	(11.6)	26.1	(7.0)	13.2	(8.0)	35.0	(8.0)	-21.7	(10.6)	24.1	(6.0)	
Slovak Republic	478	(2.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Slovenia	488	(1.1)	447	(5.5)	414	(8.7)	441	(4.8)	40.9	(5.6)	74.2	(8.9)	33.3	(10.4)	46.8	(4.9)	19.2	(5.4)	44.7	(9.8)	-25.5	(10.6)	23.7	(4.9)	
Spain	488	(2.0)	461	(9.3)	426	(4.1)	430	(4.0)	26.3	(9.2)	61.6	(4.0)	35.3	(9.7)	57.7	(3.9)	20.1	(9.8)	47.1	(3.4)	-26.9	(9.8)	44.0	(3.4)	
Sweden	507	(2.8)	454	(7.5)	416	(11.3)	442	(6.9)	53.5	(7.7)	91.2	(11.6)	37.7	(12.2)	65.5	(7.2)	32.5	(6.7)	56.5	(10.1)	-24.0	(10.5)	40.0	(6.2)	
Switzerland	513	(2.2)	471	(4.5)	455	(6.7)	465	(4.1)	42.2	(3.9)	58.4	(6.5)	16.2	(7.2)	48.0	(3.5)	20.0	(3.9)	40.8	(5.1)	-20.8	(6.6)	27.5	(3.0)	
Turkey	466	(3.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
United Kingdom	499	(2.2)	492	(8.5)	458	(9.5)	476	(7.5)	7.1	(8.6)	41.2	(9.7)	34.1	(10.7)	22.6	(7.6)	3.2	(6.7)	28.2	(7.6)	-25.0	(9.8)	14.4	(5.4)	
United States	506	(3.8)	483	(6.2)	485	(7.9)	484	(5.8)	22.3	(6.1)	20.7	(7.2)	-1.5	(7.6)	21.8	(5.5)	-7.9	(4.8)	-11.5	(6.1)	3.6	(7.0)	-9.1	(4.1)	
OECD average	499	(0.5)	467	(1.7)	448	(2.0)	457	(1.4)	33.0	(1.7)	52.1	(1.9)	17.8	(2.4)	43.5	(1.4)	17.8	(1.6)	34.6	(1.8)	-15.8	(2.3)	27.1	(1.3)	
Partners																									
Albania	389	(4.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Argentina	401	(4.6)	366	(12.6)	356	(26.5)	362	(15.2)	35.4	(13.3)	45.5	(26.6)	10.1	(24.7)	39.5	(15.6)	8.4	(14.1)	27.1	(25.3)	-18.7	(24.5)	16.0	(15.3)	
Azerbaijan	363	(3.4)	359	(9.6)	381	(12.6)	365	(8.8)	3.7	(9.7)	-18.3	(13.0)	-22.0	(14.4)	-1.8	(9.0)	3.4	(9.3)	-7.6	(13.5)	11.0	(14.6)	0.6	(8.5)	
Brazil	416	(2.7)	321	(18.7)	310	(18.6)	317	(13.5)	94.7	(19.0)	106.0	(18.8)	11.3	(27.2)	98.6	(13.8)	92.2	(17.3)	97.4	(22.7)	-5.3	(29.4)	94.0	(13.3)	
Bulgaria	433	(6.7)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Colombia	415	(3.6)	c	c	c	c	313	(24.8)	c	c	c	c	c	c	102.2	(24.7)	c	c	c	c	c	c	81.2	(24.0)	
Croatia	479	(2.9)	465	(5.5)	452	(8.4)	461	(5.4)	13.4	(5.3)	26.9	(8.2)	13.5	(8.1)	17.8	(5.1)	7.8	(4.8)	13.7	(8.1)	-5.9	(8.4)	9.8	(4.5)	
Dubai (UAE)	395	(2.1)	467	(3.2)	503	(2.0)	490	(1.4)	-72.7	(3.9)	-108.6	(3.0)	-35.9	(4.3)	-95.3	(2.6)	-70.4	(3.8)	-92.8	(3.2)	22.3	(4.0)	-84.0	(2.8)	
Hong Kong-China	535	(2.7)	543	(3.2)	512	(5.5)	531	(3.4)	-7.9	(3.8)	23.5	(6.2)	31.3	(5.6)	4.5	(4.3)	-18.7	(3.4)	7.8	(5.9)	-26.4	(5.4)	-8.8	(3.8)	
Indonesia	403	(3.7)	m	m	c	c	c	m	m	c	c	c	c	c	c	c	m	m	c	m	m	c	c	c	
Jordan	407	(3.1)	420	(6.5)	412	(8.6)	418	(5.8)	-13.3	(5.8)	-5.0	(8.4)	8.3	(9.7)	-11.3	(5.1)	-7.2	(5.4)	7.6	(8.3)	-14.8	(9.9)	-3.8	(4.6)	
Kazakhstan	390	(3.2)	415	(12.1)	366	(8.9)	396	(9.7)	-24.7	(12.4)	24.1	(9.1)	48.8	(13.3)	-6.3	(10.1)	-27.0	(11.7)	14.1	(7.1)	-41.1	(12.5)	-11.6	(8.8)	
Kyrgyzstan	317	(3.2)	359	(19.9)	332	(18.7)	348	(14.4)	-42.0	(19.6)	-15.6	(18.7)	26.4	(26.6)	-30.8	(14.2)	-37.0	(18.1)	-15.5	(19.5)	-21.5	(28.7)	-27.9	(12.1)	
Latvia	485	(2.9)	472	(9.7)	c	c	474	(9.1)	12.9	(9.2)	c	c	c	c	11.3	(8.4)	13.5	(7.6)	c	c	4.3	(19.2)	13.1	(6.9)	
Liechtenstein	510	(4.3)	486	(10.0)	474	(11.2)	479	(7.4)	24.3	(12.0)	35.7	(13.5)	11.4	(15.2)	30.6	(10.3)	11.2	(12.8)	24.3	(13.5)	-13.2	(14.8)	18.5	(10.9)	
Lithuania	471	(2.4)	447	(11.0)	c	c	448	(10.5)	23.7	(11.4)	c	c	c	c	23.3	(10.8)	20.2	(11.3)	c	c	-5.6	(43.8)	20.7	(10.9)	
Macao-China	482	(2.0)	489	(1.3)	491	(2.2)	489	(1.0)	-6.9	(2.4)	-8.5	(3.0)	-1.6	(2.8)	-7.3	(2.3)	-12.0	(2.7)	-12.6	(3.2)	0.6	(2.7)	-12.1	(2.6)	
Montenegro	408	(1.7)	433	(10.1)	404	(8.9)	415	(6.8)	-24.3	(10.3)	4.0	(8.4)	28.3	(13.2)	-6.9	(6.5)	-13.6	(9.4)	4.9	(8.1)	-18.6	(12.7)	-2.2	(6.0)	
Panama	382	(5.6)	398	(28.8)	324	(32.6)	350	(26.8)	-15.3	(27.4)	58.1	(31.4)	73.4	(42.5)	31.9	(25.4)	-4.3	(28.3)	55.5	(28.1)	-59.8	(40.1)	34.2	(23.0)	
Peru	374	(3.9)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Qatar	331	(1.3)	392	(2.4)	457	(2.1)	429	(1.4)	-60.6	(2.7)	-125.3	(2.8)	-64.7	(3.5)	-97.4	(2.2)	-65.0	(2.7)	-121.6	(2.7)	56.6	(3.5)	-97.2	(2.2)	
Romania	426	(4.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Russian Federation	464	(3.2)	435	(9.4)	444	(7.1)	439	(7.0)	28.7	(9.4)	19.6	(6.6)	-9.1	(10.1)	25.0	(6.8)	22.8	(8.7)	15.5	(6.1)	7.3	(10.8)	19.8	(5.7)	
Serbia	442	(2.4)	466	(6.8)	446	(7.3)	457	(4.8)	-23.6																

Student performance in mathematics, by immigrant status

Table B2.1b Results based on students' self-reports

	Average student performance in mathematics										Difference in mathematics performance between														
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		non-immigrant students and second-generation students		non-immigrant students and first-generation students		second- and first-generation students		non-immigrant students and immigrant students (first- and second-generation)		non-immigrant students and second-generation students, after accounting for socio-economic background		non-immigrant students and first-generation students, after accounting for socio-economic background		second- and first-generation students, after accounting for socio-economic background		non-immigrant students and immigrant students (first- and second-generation), after accounting for socio-economic background		
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	
OECD	Australia	513	(2.2)	532	(6.8)	519	(6.4)	526	(6.3)	-18.9	(6.8)	-6.2	(6.1)	12.8	(4.5)	-12.8	(6.1)	-22.3	(6.0)	-4.9	(5.3)	-17.5	(3.6)	-14.0	(5.5)
	Austria	507	(2.7)	450	(6.0)	431	(8.1)	444	(5.4)	57.1	(6.5)	75.7	(8.4)	18.6	(8.7)	63.0	(5.9)	30.1	(6.5)	41.0	(8.5)	-11.0	(8.4)	33.4	(6.1)
	Belgium	529	(2.3)	459	(7.3)	454	(7.7)	456	(5.9)	70.4	(7.5)	75.0	(7.9)	4.6	(9.2)	72.6	(6.2)	42.1	(6.9)	49.8	(7.0)	-7.7	(8.9)	45.7	(5.4)
	Canada	531	(1.6)	519	(3.5)	523	(4.6)	521	(3.4)	12.2	(3.7)	7.6	(4.6)	-4.6	(4.2)	10.2	(3.5)	5.5	(3.3)	8.2	(3.9)	-2.7	(4.0)	6.7	(3.0)
	Chile	423	(3.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	494	(2.8)	452	(17.6)	490	(15.5)	466	(13.5)	42.2	(17.7)	4.2	(14.9)	-38.1	(21.6)	28.2	(13.4)	30.0	(13.8)	8.4	(14.6)	21.7	(18.4)	22.0	(11.1)
	Denmark	510	(2.8)	447	(4.3)	426	(5.5)	440	(3.5)	63.6	(4.7)	84.2	(6.0)	20.6	(6.9)	70.2	(4.1)	37.0	(4.7)	60.5	(6.1)	-23.5	(6.6)	44.5	(4.2)
	Estonia	516	(2.5)	479	(7.5)	475	(19.9)	479	(7.5)	36.6	(7.4)	40.5	(19.5)	3.9	(19.5)	36.9	(7.2)	34.9	(6.6)	41.2	(18.0)	-6.3	(18.2)	35.4	(6.5)
	Finland	542	(2.2)	498	(12.7)	479	(14.2)	487	(9.5)	44.0	(12.6)	63.5	(14.2)	19.4	(20.1)	54.9	(9.4)	40.8	(13.0)	51.0	(12.6)	-10.2	(20.0)	46.4	(8.1)
	France	507	(3.3)	443	(8.6)	430	(14.8)	440	(8.1)	63.1	(9.2)	76.9	(15.7)	13.7	(15.6)	66.4	(8.9)	33.2	(8.5)	42.5	(12.5)	-9.2	(12.5)	35.4	(8.0)
	Germany	527	(2.8)	469	(6.5)	464	(5.9)	468	(5.0)	57.5	(6.6)	62.5	(5.8)	5.0	(7.9)	59.1	(5.1)	24.1	(6.2)	34.0	(5.5)	-9.9	(7.9)	27.5	(4.6)
	Greece	472	(3.9)	446	(9.1)	407	(11.7)	420	(9.2)	25.9	(9.0)	64.8	(11.8)	39.0	(13.8)	52.2	(9.2)	14.0	(8.5)	37.8	(12.1)	-23.8	(13.8)	29.9	(9.0)
	Hungary	491	(3.4)	512	(13.7)	492	(13.1)	501	(9.4)	-21.5	(13.5)	-1.6	(13.0)	20.0	(18.9)	-10.1	(9.4)	-9.3	(12.3)	-8.2	(11.2)	-1.1	(17.4)	-8.7	(7.9)
	Iceland	510	(1.4)	c	c	440	(11.9)	443	(11.3)	c	c	69.7	(12.1)	c	c	67.3	(11.4)	c	c	43.6	(12.6)	c	c	43.9	(11.6)
	Ireland	492	(2.7)	496	(12.3)	467	(6.6)	472	(6.1)	-4.5	(12.7)	25.2	(7.0)	29.6	(14.1)	20.0	(6.5)	-2.2	(13.0)	29.3	(6.4)	-31.5	(14.4)	23.8	(6.0)
	Israel	452	(3.0)	455	(7.4)	441	(8.1)	450	(6.4)	-3.1	(7.0)	11.5	(8.0)	14.6	(8.5)	2.0	(6.1)	-18.1	(5.4)	-15.4	(6.1)	-2.7	(7.0)	17.2	(4.5)
	Italy	487	(1.9)	450	(7.8)	420	(4.4)	427	(3.9)	37.1	(8.0)	67.4	(4.9)	30.3	(9.1)	60.2	(4.4)	24.9	(7.8)	48.7	(5.0)	-23.8	(8.9)	42.9	(4.5)
	Japan	530	(3.3)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	548	(4.0)	c	c	m	m	c	c	c	c	c	m	m	c	c	c	c	c	m	m	c	c	c	c
	Luxembourg	511	(1.8)	456	(2.9)	466	(4.4)	460	(2.2)	54.4	(3.6)	44.5	(5.0)	-10.0	(5.8)	50.4	(3.1)	19.1	(4.0)	18.6	(4.9)	0.5	(6.0)	18.9	(3.2)
	Mexico	423	(1.7)	330	(11.0)	329	(8.5)	329	(6.8)	92.3	(10.9)	94.2	(7.9)	1.9	(13.7)	93.4	(6.3)	80.9	(11.0)	80.9	(8.1)	-0.0	(13.8)	80.9	(6.5)
	Netherlands	534	(4.6)	477	(8.9)	479	(12.0)	477	(8.2)	56.9	(9.1)	55.1	(10.8)	-1.8	(12.1)	56.4	(7.9)	25.3	(8.6)	20.8	(9.3)	4.5	(9.5)	24.2	(7.8)
	New Zealand	523	(2.5)	494	(7.0)	524	(4.6)	514	(4.4)	29.6	(7.4)	-0.4	(4.8)	-30.0	(7.5)	9.3	(4.8)	16.2	(5.2)	7.3	(4.2)	8.9	(5.8)	10.1	(3.7)
	Norway	502	(2.4)	463	(8.7)	445	(9.0)	455	(6.3)	38.4	(8.8)	56.8	(8.7)	18.4	(12.0)	47.0	(6.1)	23.2	(7.5)	30.6	(8.4)	-7.4	(10.5)	26.6	(5.8)
	Poland	496	(2.8)	m	m	c	c	c	c	c	c	c	c	c	c	c	c	m	m	c	c	m	m	c	c
	Portugal	490	(3.0)	450	(10.7)	461	(9.3)	455	(7.7)	40.2	(10.7)	28.8	(9.5)	-11.3	(12.9)	34.5	(7.8)	36.7	(9.0)	27.3	(8.6)	9.4	(11.6)	32.0	(6.7)
	Slovak Republic	498	(3.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	507	(1.2)	459	(5.5)	416	(10.3)	452	(5.0)	47.5	(5.4)	90.5	(10.4)	43.0	(11.5)	55.2	(4.9)	23.7	(5.5)	58.1	(11.0)	-34.4	(11.5)	29.8	(5.2)
	Spain	491	(2.1)	456	(10.8)	425	(4.2)	428	(4.1)	35.0	(10.4)	65.9	(4.2)	30.9	(11.1)	62.4	(4.0)	28.6	(10.4)	51.2	(3.4)	-22.6	(10.6)	48.6	(3.3)
	Sweden	504	(2.8)	447	(7.5)	428	(11.6)	441	(7.3)	56.8	(7.7)	75.7	(11.9)	18.9	(11.1)	62.8	(7.7)	36.4	(6.7)	42.4	(9.7)	-5.9	(8.8)	38.3	(6.6)
	Switzerland	550	(3.2)	494	(4.8)	475	(6.7)	487	(4.3)	56.3	(4.4)	74.9	(6.3)	18.6	(7.3)	62.9	(3.8)	33.0	(4.6)	56.4	(4.7)	-23.4	(6.3)	41.5	(3.6)
	Turkey	447	(4.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	497	(2.4)	486	(6.7)	460	(8.6)	474	(6.0)	11.9	(6.5)	37.5	(8.6)	25.7	(9.7)	23.5	(5.9)	8.5	(4.7)	25.0	(6.5)	-16.5	(8.8)	15.9	(3.6)
	United States	494	(3.8)	464	(5.4)	477	(8.2)	468	(5.6)	30.3	(5.7)	17.6	(7.7)	-12.7	(7.0)	26.1	(5.5)	1.5	(4.5)	-12.9	(6.4)	14.4	(6.6)	-3.2	(4.3)
OECD average	501	(0.5)	466	(1.7)	455	(1.9)	460	(1.3)	37.4	(1.7)	48.6	(1.9)	10.4	(2.3)	43.7	(1.3)	22.1	(1.6)	31.2	(1.7)	-8.6	(2.2)	27.2	(1.2)	
Partners	Albania	381	(3.9)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Argentina	391	(4.1)	363	(11.2)	361	(23.0)	362	(13.0)	27.9	(11.2)	29.5	(23.5)	1.6	(22.3)	28.5	(13.3)	4.5	(11.3)	12.8	(21.9)	-8.3	(22.1)	7.8	(12.4)
	Azerbaijan	431	(2.9)	437	(8.4)	425	(10.9)	434	(6.7)	-5.5	(8.5)	6.5	(11.0)	12.1	(13.9)	-2.5	(6.9)	-4.7	(8.5)	10.0	(11.1)	-14.6	(13.9)	-1.0	(7.0)
	Brazil	389	(2.4)	311	(13.1)	289	(12.6)	303	(10.7)	77.8	(13.1)	99.7	(12.9)	21.9	(16.2)	85.5	(11.2)	75.6	(13.3)	91.9	(17.6)	-16.4	(20.1)	81.2	(11.5)
	Bulgaria	431	(5.9)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	383	(3.2)	c	c	c	c	297	(17.9)	c	c	c	c	c	c	86.1	(18.2)	c	c	c	c	c	c	66.8	(18.3)
	Croatia	462	(3.1)	455	(6.1)	447	(7.9)	452	(5.5)	7.0	(5.5)	15.0	(7.4)	8.0	(8.2)	9.6	(4.8)	1.3	(5.2)	1.7	(7.3)	-0.4	(8.6)	1.4	(4.4)
	Dubai (UAE)	388	(2.1)	463	(3.1)	494	(2.0)	483	(1.3)	-74.9	(3.8)	-106.4	(2.7)	-31.5	(4.4)	-94.7	(2.3)	-72.9	(3.8)	-91.9	(2.8)	19.0	(4.1)	-84.5	(2.5)
	Hong Kong-China	561	(3.1)	562	(4.0)	521	(5.5)	546	(4.0)	-1.4	(4.4)	39.6	(6.1)	41.0	(5.6)	14.7	(4.6)	-15.1	(3.9)	19.6	(5.6)	-34.7	(5.3)	-2.2	(4.0)
	Indonesia	372	(3.7)	m	m	c	c	c	c	c	m	m	c	c	c	c	c	m	m	c	c	m	m	c	c
	Jordan	387	(3.6)	398	(7.3)	407	(8.4)	400	(6.6)	-10.7	(6.4)	-19.2	(8.0)	-8.5	(9.0)	-12.7	(5.7)	-4.1	(5.9)	-5.9	(7.3)	1.8	(8.9)	-4.5	(5.0)
	Kazakhstan	403	(3.0)	448	(15.0)	383	(7.5)	423	(11.8)	-45.5	(15.1)	20.2	(7.7)	65.6	(14.0)	-20.8	(11.9)	-47.3	(14.3)	12.1	(6.7)	-59.4	(13.4)	-25.0	(10.9)
	Kyrgyzstan	333	(2.9)	374	(14.9)	362	(15.7)	369	(11.8)	-40.9	(14.9)	-29.3	(15.7)	11.6	(19.6)	-36.0	(11.9)	-36.9	(13.9)	-29.4	(14.9)	-7.5	(20.9)	-33.7	(9.9)
	Latvia	483	(3.0)	465	(9.1)	c	c	467	(8.6)	18.5	(8.9)	c	c	c	c										

Student performance in science, by immigrant status

Table B2.1c Results based on students' self-reports

	Average student performance in science												Difference in science performance between											
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		non-immigrant students and second-generation students		non-immigrant students and first-generation students		second- and first-generation students		non-immigrant students and immigrant students (first- and second-generation)		non-immigrant students and second-generation students, after accounting for socio-economic background		non-immigrant students and first-generation students, after accounting for socio-economic background		second- and first-generation students, after accounting for socio-economic background		non-immigrant students and immigrant students (first- and second-generation), after accounting for socio-economic background	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	529 (2.2)	537 (7.4)	526 (6.9)	531 (6.7)	-7.7 (7.5)	3.3 (6.6)	10.9 (5.0)	-2.4 (6.6)	-11.2 (6.6)	4.8 (5.7)	-16.0 (4.2)	-3.5 (5.9)											
	Austria	508 (3.0)	434 (6.6)	405 (12.9)	425 (7.1)	74.2 (6.9)	103.5 (12.9)	29.3 (12.9)	83.4 (7.2)	44.8 (7.0)	65.8 (11.4)	-21.0 (11.1)	51.2 (7.0)											
	Belgium	521 (2.3)	447 (7.0)	441 (8.8)	444 (6.3)	74.0 (7.3)	80.4 (8.4)	6.3 (9.4)	77.0 (6.2)	46.2 (6.9)	55.4 (7.4)	-9.2 (9.1)	50.5 (5.5)											
	Canada	535 (1.5)	515 (4.0)	521 (4.9)	518 (3.7)	19.3 (4.1)	13.6 (4.9)	-5.7 (4.7)	16.8 (3.9)	12.8 (3.5)	14.2 (4.3)	-1.4 (4.2)	13.4 (3.3)											
	Chile	450 (2.9)	c	c	c	c	c	c	c	c	c	c	c											
	Czech Republic	502 (3.0)	452 (20.4)	498 (16.3)	469 (15.4)	49.8 (20.6)	3.7 (15.5)	-46.1 (24.0)	32.8 (15.3)	38.3 (16.3)	7.8 (15.7)	30.5 (21.2)	27.1 (12.6)											
	Denmark	508 (2.6)	430 (4.6)	415 (6.7)	426 (4.1)	77.3 (4.9)	92.3 (6.9)	15.0 (7.6)	82.1 (4.4)	47.3 (4.8)	64.2 (6.4)	-17.0 (7.1)	52.7 (4.2)											
	Estonia	532 (2.7)	489 (6.6)	492 (18.1)	489 (6.5)	43.4 (6.6)	40.0 (17.9)	-3.4 (18.0)	43.2 (6.4)	41.8 (6.0)	40.8 (16.7)	1.0 (17.1)	41.7 (5.8)											
	Finland	556 (2.3)	494 (16.4)	463 (16.1)	477 (11.8)	62.2 (16.2)	93.6 (16.0)	31.4 (23.3)	79.7 (11.5)	58.8 (16.3)	80.6 (14.5)	-21.9 (23.2)	70.8 (10.3)											
	France	508 (3.8)	443 (8.9)	430 (14.2)	440 (8.7)	64.5 (9.2)	77.5 (14.6)	13.0 (13.6)	67.6 (9.1)	35.3 (8.1)	44.0 (12.7)	-8.7 (12.2)	37.3 (7.9)											
	Germany	538 (2.5)	462 (6.3)	461 (6.0)	462 (5.2)	76.3 (6.3)	77.0 (5.9)	0.7 (7.3)	76.5 (5.1)	42.7 (5.7)	48.3 (5.4)	-5.6 (7.2)	44.6 (4.5)											
	Greece	475 (3.9)	446 (8.6)	417 (15.4)	426 (11.2)	29.1 (8.5)	58.7 (15.1)	29.6 (17.1)	49.2 (10.9)	17.0 (7.7)	31.6 (15.0)	-14.6 (16.6)	26.8 (10.5)											
	Hungary	503 (3.1)	530 (12.1)	505 (12.1)	515 (8.5)	-26.4 (12.2)	-1.4 (12.3)	25.0 (17.5)	-12.0 (8.7)	-15.6 (11.5)	-7.2 (10.7)	-8.4 (16.4)	-10.8 (7.5)											
	Iceland	499 (1.4)	c	c	420 (12.5)	423 (12.0)	c	78.2 (12.6)	c	75.7 (12.0)	c	53.0 (13.3)	c	53.1 (4.2)										
	Ireland	513 (3.4)	522 (13.3)	486 (8.0)	492 (7.4)	-9.4 (13.9)	27.1 (8.3)	36.5 (15.2)	20.8 (7.7)	-7.0 (13.9)	31.6 (7.8)	-38.6 (15.4)	24.8 (7.2)											
	Israel	460 (3.0)	467 (6.4)	438 (8.6)	457 (6.0)	-6.9 (6.5)	21.5 (8.5)	28.4 (8.3)	3.3 (6.0)	-21.4 (5.4)	-5.1 (6.8)	-16.4 (7.1)	-15.7 (4.8)											
	Italy	494 (1.8)	451 (8.5)	411 (5.2)	420 (4.8)	42.7 (8.7)	83.0 (5.5)	40.3 (9.8)	73.4 (5.1)	28.9 (8.9)	61.9 (5.1)	-33.1 (9.5)	53.9 (4.9)											
	Japan	540 (3.4)	c	c	c	c	c	c	c	c	c	c	c											
	Korea	539 (3.4)	c	c	m	m	c	c	c	m	m	c	c											
	Luxembourg	509 (1.8)	445 (2.8)	457 (4.2)	450 (2.1)	64.1 (3.6)	52.6 (4.7)	-11.5 (5.4)	59.5 (3.0)	24.6 (3.8)	23.9 (4.6)	0.7 (5.6)	24.3 (3.1)											
	Mexico	419 (1.7)	363 (10.1)	342 (7.7)	350 (6.4)	55.7 (10.2)	77.1 (7.3)	21.4 (12.5)	68.6 (6.1)	44.0 (10.1)	63.5 (7.4)	-19.5 (12.4)	55.8 (6.1)											
	Netherlands	532 (5.2)	466 (12.0)	457 (13.7)	464 (11.0)	66.0 (12.4)	75.1 (12.5)	9.1 (13.6)	68.4 (11.0)	31.6 (12.2)	38.2 (11.1)	-6.6 (12.0)	33.3 (10.8)											
	New Zealand	540 (2.8)	498 (8.9)	528 (4.7)	518 (5.1)	41.5 (9.5)	12.2 (5.2)	-29.3 (8.8)	21.7 (5.7)	27.8 (7.1)	20.0 (4.5)	7.7 (6.9)	22.5 (4.5)											
	Norway	505 (2.6)	443 (8.8)	432 (7.8)	438 (5.8)	62.1 (8.8)	73.2 (7.5)	11.0 (11.9)	67.3 (5.5)	46.9 (7.9)	47.0 (7.4)	-0.1 (10.6)	46.9 (5.5)											
	Poland	510 (2.4)	m	m	c	c	c	m	m	c	c	m	m											
	Portugal	496 (2.9)	474 (9.2)	464 (8.7)	469 (6.5)	21.4 (9.0)	31.4 (8.8)	10.0 (12.3)	26.5 (6.4)	18.4 (7.6)	30.8 (7.9)	-12.4 (11.2)	24.6 (5.4)											
	Slovak Republic	491 (2.9)	c	c	c	c	c	c	c	c	c	c	c											
	Slovenia	518 (1.3)	458 (5.9)	435 (9.2)	454 (5.0)	60.1 (6.1)	83.0 (9.4)	22.9 (11.4)	64.2 (5.2)	39.7 (5.8)	55.5 (10.2)	-15.7 (11.5)	42.5 (5.2)											
	Spain	495 (2.0)	467 (8.5)	431 (4.1)	435 (3.9)	27.9 (8.2)	63.8 (4.1)	36.0 (9.2)	59.8 (3.8)	21.9 (8.4)	49.8 (3.5)	-27.9 (9.1)	46.6 (3.2)											
	Sweden	506 (2.6)	440 (8.6)	408 (11.7)	430 (7.9)	65.7 (8.9)	97.8 (11.9)	32.1 (12.1)	76.0 (8.2)	45.1 (8.1)	64.1 (9.9)	-19.0 (9.9)	51.0 (7.4)											
	Switzerland	533 (2.7)	471 (4.4)	465 (6.7)	469 (3.8)	62.1 (3.8)	68.1 (6.7)	6.0 (7.7)	64.2 (3.4)	39.4 (4.1)	50.0 (5.1)	-10.6 (6.8)	43.3 (3.0)											
	Turkey	455 (3.5)	c	c	c	c	c	c	c	c	c	c	c											
	United Kingdom	519 (2.5)	508 (9.1)	483 (10.5)	497 (8.5)	11.0 (9.4)	36.1 (10.7)	25.1 (9.8)	22.4 (8.9)	7.3 (5.7)	21.5 (8.1)	-14.2 (8.6)	13.7 (5.4)											
	United States	510 (3.9)	475 (5.0)	481 (8.1)	477 (5.2)	35.6 (5.3)	28.8 (7.4)	-6.8 (7.4)	33.3 (5.0)	5.4 (4.3)	-3.1 (6.3)	8.5 (6.9)	2.6 (3.9)											
	OECD average	507 (0.5)	468 (1.8)	454 (2.0)	459 (1.4)	42.1 (1.8)	55.4 (1.9)	12.5 (2.4)	50.0 (1.4)	26.3 (1.7)	37.6 (1.8)	-10.7 (2.3)	33.0 (1.3)											
Partners	Albania	394 (3.8)	c	c	c	c	c	c	c	c	c	c	c											
	Argentina	404 (4.6)	366 (12.5)	359 (25.9)	363 (15.3)	37.5 (12.9)	45.4 (25.9)	7.9 (23.6)	40.7 (15.5)	12.0 (13.8)	27.2 (24.9)	-15.2 (24.2)	18.2 (15.1)											
	Azerbaijan	374 (3.1)	380 (11.5)	397 (14.8)	384 (9.5)	-5.9 (11.6)	-23.2 (14.8)	-17.3 (19.7)	-10.9 (9.6)	-5.9 (10.1)	-14.9 (15.0)	9.0 (19.2)	-8.2 (8.2)											
	Brazil	408 (2.4)	338 (12.8)	313 (17.4)	330 (9.8)	70.0 (13.2)	94.9 (17.2)	24.9 (23.3)	78.7 (10.0)	67.6 (13.8)	86.3 (24.5)	-18.6 (29.0)	74.1 (11.8)											
	Bulgaria	443 (5.8)	c	c	c	c	c	c	c	c	c	c	c											
	Colombia	404 (3.6)	c	c	c	c	c	c	c	c	c	c	c											
	Croatia	489 (2.8)	470 (5.5)	460 (7.7)	467 (5.1)	19.0 (5.1)	29.0 (7.3)	10.0 (8.0)	22.3 (4.5)	13.6 (4.7)	16.3 (7.2)	-2.7 (8.4)	14.5 (4.1)											
	Dubai (UAE)	402 (2.2)	472 (3.3)	512 (1.9)	497 (1.5)	-70.0 (3.9)	-110.4 (2.9)	-40.4 (4.2)	-95.4 (2.6)	-67.8 (3.9)	-95.5 (3.0)	27.8 (4.0)	-84.7 (2.8)											
	Hong Kong-China	552 (3.2)	558 (3.6)	527 (5.7)	546 (3.8)	-6.5 (3.9)	24.6 (6.1)	31.1 (5.7)	5.8 (4.2)	-18.1 (3.5)	7.9 (5.9)	-26.0 (5.6)	-8.3 (3.7)											
	Indonesia	383 (3.8)	m	m	c	c	c	m	m	c	c	m	m											
	Jordan	416 (3.4)	436 (6.8)	436 (9.5)	436 (6.0)	-19.6 (6.2)	-19.9 (9.1)	-0.3 (10.5)	-19.6 (5.3)	-13.6 (5.7)	-7.6 (8.5)	-6.0 (10.5)	-12.2 (4.7)											
	Kazakhstan	400 (3.1)	431 (12.4)	371 (8.9)	409 (10.3)	-31.8 (12.4)	28.5 (8.7)	60.3 (12.9)	-9.1 (10.3)	-33.6 (11.8)	20.6 (7.6)	-54.2 (12.2)	-13.3 (9.3)											
	Kyrgyzstan	332 (2.9)	387 (16.8)	361 (21.5)	376 (13.3)	-55.7 (16.6)	-29.0 (21.6)	26.7 (27.5)	-44.4 (13.1)	-51.6 (16.2)	-28.9 (22.3)	-22.8 (28.5)	-42.0 (12.6)											
	Latvia	495 (3.0)	471 (8.6)	c	474 (8.0)	24.1 (8.3)	c	c	c	21.5 (7.7)	24.8 (7.2)	c	16.2 (16.5)	23.4 (6.5)										
	Liechtenstein	534 (4.8)	502 (11.2)	482 (11.7)	491 (7.9)	31.1 (13.3)	51.8 (14.1)	20.7 (16.5)	42.5 (10.9)	15.1 (13.2)	37.9 (14.0)	-22.8 (15.5)	27.8 (11.2)											
	Lithuania	493 (3.0)	468 (10.1)	c	471 (9.1)	25.3 (10.4)	c	c	c	22.2 (9.2)	23.5 (9.7)	c	25.7 (39.9)	21.1 (8.7)										
	Macao-China	506 (1.9)	515 (1.8)	511 (2.5)	514 (1.4)	-8.9 (2.7)	-5.4 (3.3)	3.5 (3.5)	-8.1 (2.4)	-13.3 (2.9)	-8.9 (3.4)	-4.4 (3.5)	-12.3 (2.6)											
	Montenegro	402 (2.1)	416 (10.5)	404 (7.9)	409 (6.4)	-13.6 (10.7)	-2.3 (7.5)	11.3 (12.8)	-6.6 (6.2)	-4.2 (10.1)	-1.5 (7.5)	-2.7 (12.5)	-2.5 (6.0)											
	Panama	387 (4.8)	390 (27.4)	331 (22.8)	352 (20.6)	-3.1 (26.3)	56.3 (22.0)	59.4 (34.0)	35.1 (19.5)	6.4 (27.0)	54.1 (19.9)	-47.7 (32.9)	37.1 (17.8)											
	Peru	372 (3.5)	c	c	c	c	c	c	c	c	c	c	c											
	Qatar	342 (1.5)	395 (2.3)	458 (2.3)	431 (1.6)	-52.5 (2.8)	-116.0 (2.9)	-63.5 (3.4)	-88.7 (2.4)	-56.8 (2.8)	-112.4 (2.9)	55.6 (3.4)	-88.5 (2.4)											
	Romania	429 (3.3)	c	c	c	c	c	c	c	c	c	c	c											
	Russian Federation	483 (3.2)	461 (5.4)	451 (7.0)	457 (5.0)	21.3 (5.3)	32.1 (6.1)	10.8 (7.2)	25.7 (4.4)	16.0 (4.7)	28.3 (5.6)	-12.3 (7.4)	21.0 (3.6)											
	Serbia	443 (2.3)	468 (8.1)	449 (7.3)	459 (5.6)	-25.0 (8.2)	-6.1 (7.4)	18.9 (10.8)	-16.4 (5.6)	-25.0 (8.1)	-13.0 (7.1)	-12.0 (10.3)	-19.5 (5.6)											
	Shanghai-China	576 (2.2)	c	c	c	c	c	c	c	c	c	c	c											
	Singapore	540 (1.6)	554 (6.5)	554 (5.3)	554 (4.4)	-13.8 (6.5)	-13.7 (5.9)	0.1 (7.7)	-13.7 (4.9)	-9.5 (6.2)	-0.2 (5.7)	-9.3 (7.3)	-3.3 (4.7)											
	Chinese Taipei	522 (2.6)	c	c	c	c	c	c	c	c	c	c	c											
	Thailand	425 (3.0)	m	m	m	m	m	m	m	m	m	m	m											
	Trinidad and Tobago	415 (1.2)	405 (20.9)	425 (18.8)	414 (13.5)	9.5 (20.9)	-10.6 (19.0)	-20.1 (29.7)	0.3 (13.6)	17.6 (20.4)	3.5 (20.1)	14.0 (31.1)	11.4 (13.2)											
	Tunisia	401 (2.7)	c	c	c	c	c	c	c	c	c	c	c											
	Uruguay	428 (2.5)	c	c	c	c	c	c	c	c	c	c	c											

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Proportion of immigrant students below the 25th, 50th and 75th percentile of performance among non-immigrant students

Table B2.1d Results based on students' self-reports

		Proportion of students among children of immigrants below the...					
		25th percentile of performance among non-immigrant students		50th percentile of performance among non-immigrant students		75th percentile of performance among non-immigrant students	
		%	S.E.	%	S.E.	%	S.E.
OECD	Australia	23.4	(1.6)	45.7	(2.3)	70.9	(2.5)
	Austria	51.6	(3.6)	76.8	(2.4)	91.8	(1.3)
	Belgium	51.0	(2.6)	76.0	(2.4)	90.8	(1.6)
	Canada	28.4	(1.5)	53.2	(1.7)	75.7	(1.5)
	Chile	c	c	c	c	c	c
	Czech Republic	35.5	(6.6)	56.3	(5.7)	74.0	(6.1)
	Denmark	54.7	(2.4)	78.3	(2.1)	91.9	(1.7)
	Estonia	38.0	(3.7)	65.6	(3.6)	88.4	(2.0)
	Finland	56.1	(5.8)	75.3	(4.7)	88.3	(3.4)
	France	48.5	(3.9)	72.6	(3.3)	88.9	(2.0)
	Germany	48.3	(2.4)	73.7	(2.6)	90.7	(1.5)
	Greece	47.6	(4.5)	74.3	(3.7)	89.5	(2.3)
	Hungary	19.6	(5.7)	45.2	(5.5)	73.4	(5.7)
	Iceland	56.6	(7.1)	79.8	(5.0)	93.8	(3.5)
	Ireland	39.5	(3.5)	61.8	(3.3)	81.2	(2.8)
	Israel	24.7	(2.2)	52.9	(3.0)	76.2	(2.3)
	Italy	54.9	(1.9)	77.9	(1.8)	92.5	(1.3)
	Japan	c	c	c	c	c	c
	Korea	c	c	c	c	c	c
	Luxembourg	46.7	(1.1)	69.1	(1.0)	86.2	(0.9)
	Mexico	72.2	(3.6)	88.7	(2.4)	96.1	(1.5)
	Netherlands	42.4	(5.2)	74.0	(3.5)	89.9	(2.2)
	New Zealand	32.1	(2.0)	55.6	(2.0)	75.7	(1.7)
	Norway	48.3	(3.1)	73.3	(2.8)	88.4	(2.5)
	Poland	c	c	c	c	c	c
	Portugal	36.1	(4.2)	65.1	(4.0)	84.8	(2.9)
	Slovak Republic	c	c	c	c	c	c
	Slovenia	40.9	(3.4)	72.2	(3.1)	90.9	(1.7)
	Spain	50.5	(2.4)	78.6	(1.8)	92.0	(1.2)
	Sweden	50.7	(3.6)	74.7	(3.0)	90.1	(2.0)
	Switzerland	45.9	(2.0)	69.5	(2.2)	85.9	(1.5)
	Turkey	c	c	c	c	c	c
	United Kingdom	33.9	(3.8)	57.4	(3.6)	81.7	(2.2)
United States	32.8	(2.5)	60.9	(3.0)	82.8	(2.2)	
OECD average	43.2	(0.7)	68.0	(0.6)	85.8	(0.5)	
Partners	Albania	c	c	c	c	c	c
	Argentina	36.2	(6.5)	65.6	(6.1)	84.4	(4.3)
	Azerbaijan	20.6	(4.3)	48.8	(7.1)	75.2	(7.2)
	Brazil	73.1	(7.8)	89.5	(5.3)	95.1	(3.8)
	Bulgaria	c	c	c	c	c	c
	Colombia	71.8	(11.1)	92.6	(5.3)	98.1	(3.7)
	Croatia	31.2	(2.9)	61.1	(2.9)	80.3	(2.3)
	Dubai (UAE)	6.3	(0.6)	17.3	(0.6)	37.2	(1.2)
	Hong Kong-China	26.5	(1.6)	54.0	(1.9)	77.2	(1.6)
	Indonesia	c	c	c	c	c	c
	Jordan	22.4	(2.3)	44.8	(3.1)	69.4	(2.8)
	Kazakhstan	26.0	(3.5)	49.4	(4.0)	70.8	(4.0)
	Kyrgyzstan	22.0	(5.0)	39.4	(5.9)	57.0	(7.8)
	Latvia	33.0	(5.9)	54.2	(4.9)	78.1	(4.0)
	Liechtenstein	39.6	(5.9)	62.7	(5.5)	86.5	(5.5)
	Lithuania	35.9	(7.2)	60.4	(6.2)	81.6	(5.2)
	Macao-China	21.2	(0.9)	45.8	(1.1)	73.6	(0.8)
	Montenegro	21.5	(3.4)	47.7	(4.0)	74.5	(3.0)
	Panama	45.1	(9.9)	62.0	(8.3)	73.8	(6.5)
	Peru	c	c	c	c	c	c
	Qatar	7.7	(0.5)	18.3	(0.7)	37.5	(0.8)
	Romania	c	c	c	c	c	c
	Russian Federation	34.8	(3.7)	61.1	(3.3)	82.8	(2.2)
	Serbia	20.5	(2.3)	43.1	(2.7)	70.0	(3.2)
	Shanghai-China	c	c	c	c	c	c
	Singapore	25.2	(1.7)	48.5	(2.7)	73.4	(1.9)
	Chinese Taipei	c	c	c	c	c	c
	Thailand	m	m	m	m	m	m
	Trinidad and Tobago	32.9	(5.2)	50.6	(5.5)	67.7	(4.8)
	Tunisia	c	c	c	c	c	c
Uruguay	c	c	c	c	c	c	

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.



Table B2.1e Proportion of top performers in reading, by immigrant status

	% of top performing students (Levels 5 and 6) among...								Difference between non-immigrant students and second-generation students	Difference between non-immigrant students and first-generation students	Difference between non-immigrant students and immigrant students (first- and second-generation)				
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)								
	%	S.E.	%	S.E.	%	S.E.	%	S.E.					% dif.	S.E.	% dif.
OECD	Australia	12.1	(0.6)	16.5	(2.8)	14.9	(2.2)	15.7	(2.3)	-4.4	(2.7)	-2.7	(2.2)	-3.6	(2.2)
	Austria	5.7	(0.6)	0.9	(0.5)	1.1	(0.8)	1.0	(0.4)	4.8	(0.7)	4.6	(0.9)	4.7	(0.6)
	Belgium	12.6	(0.7)	4.0	(1.1)	4.9	(1.1)	4.4	(0.9)	8.7	(1.3)	7.7	(1.3)	8.2	(1.1)
	Canada	13.0	(0.5)	12.0	(1.2)	14.7	(1.6)	13.2	(1.1)	1.0	(1.3)	-1.7	(1.6)	-0.2	(1.2)
	Chile	1.3	(0.3)	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	5.1	(0.4)	4.0	(3.3)	7.2	(4.5)	5.2	(2.7)	1.2	(3.1)	-2.1	(4.5)	-0.0	(2.6)
	Denmark	5.2	(0.5)	0.9	(0.4)	0.7	(0.7)	0.9	(0.3)	4.2	(0.7)	4.4	(0.8)	4.3	(0.6)
	Estonia	6.5	(0.7)	1.9	(1.2)	4.0	(3.7)	2.0	(1.1)	4.6	(1.3)	2.5	(3.7)	4.4	(1.2)
	Finland	14.8	(0.8)	7.8	(4.6)	6.0	(3.6)	7.1	(2.8)	7.0	(4.6)	8.2	(3.6)	7.7	(2.9)
	France	10.5	(1.1)	3.8	(1.3)	5.2	(2.5)	4.1	(1.2)	6.7	(1.6)	5.4	(2.9)	6.4	(1.6)
	Germany	9.4	(0.8)	2.6	(0.8)	2.5	(1.5)	2.6	(0.8)	6.7	(1.1)	6.9	(1.9)	6.8	(1.1)
	Greece	6.1	(0.6)	4.0	(1.8)	0.5	(0.4)	1.6	(0.7)	2.1	(2.0)	5.6	(0.7)	4.4	(0.9)
	Hungary	6.1	(0.7)	11.3	(4.7)	2.3	(2.7)	6.1	(2.7)	-5.1	(4.7)	3.8	(2.7)	-0.0	(2.7)
	Iceland	8.8	(0.6)	c	c	2.6	(2.7)	2.8	(2.6)	c	c	6.2	(3.0)	c	(2.9)
	Ireland	7.4	(0.6)	10.5	(5.6)	4.4	(1.5)	5.5	(1.6)	-3.1	(5.6)	3.0	(1.5)	1.9	(1.7)
	Israel	7.8	(0.7)	8.5	(1.7)	4.9	(1.6)	7.2	(1.1)	-0.7	(1.8)	2.9	(1.6)	0.6	(1.3)
	Italy	6.1	(0.3)	2.4	(1.5)	0.9	(0.6)	1.3	(0.5)	3.7	(1.6)	5.2	(0.6)	4.9	(0.6)
	Japan	13.5	(0.9)	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	13.0	(1.1)	c	c	m	m	c	c	c	c	m	m	c	c
	Luxembourg	6.7	(0.7)	2.3	(0.5)	7.4	(1.0)	4.3	(0.5)	4.4	(0.7)	-0.7	(1.2)	2.4	(0.8)
	Mexico	0.4	(0.1)	0.0	(0.1)	0.0	(0.0)	0.0	(0.0)	0.4	(0.1)	0.4	(0.1)	0.4	(0.1)
	Netherlands	10.8	(1.2)	3.1	(1.3)	5.7	(3.8)	3.8	(1.3)	7.6	(1.7)	5.1	(3.5)	7.0	(1.4)
	New Zealand	16.0	(1.0)	12.2	(2.3)	17.7	(1.7)	15.9	(1.3)	3.9	(2.6)	-1.6	(1.8)	0.1	(1.6)
	Norway	8.8	(0.9)	4.5	(1.9)	2.8	(1.8)	3.7	(1.4)	4.3	(2.2)	6.0	(1.8)	5.1	(1.6)
	Poland	7.3	(0.6)	m	m	c	c	c	c	m	m	c	c	m	c
	Portugal	5.0	(0.5)	4.2	(2.6)	1.6	(1.0)	2.9	(1.4)	0.8	(2.4)	3.4	(1.1)	2.1	(1.2)
	Slovak Republic	4.5	(0.5)	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	4.9	(0.6)	1.7	(0.9)	0.0	(0.0)	1.4	(0.7)	3.2	(1.0)	4.9	(0.6)	3.5	(0.9)
Spain	3.6	(0.3)	2.2	(1.5)	0.9	(0.5)	1.1	(0.5)	1.4	(1.5)	2.7	(0.7)	2.6	(0.6)	
Sweden	10.0	(0.7)	3.1	(1.3)	2.8	(1.9)	3.0	(1.1)	6.9	(1.3)	7.2	(1.9)	7.0	(1.2)	
Switzerland	9.3	(0.8)	4.6	(1.0)	4.8	(1.5)	4.7	(0.9)	4.7	(1.0)	4.5	(1.4)	4.6	(0.8)	
Turkey	1.9	(0.4)	c	c	c	c	c	c	c	c	c	c	c	c	
United Kingdom	8.5	(0.5)	6.1	(2.0)	4.5	(1.7)	5.4	(1.4)	2.4	(2.0)	4.0	(1.8)	3.1	(1.4)	
United States	10.6	(1.0)	7.0	(1.5)	9.5	(2.1)	7.9	(1.4)	3.5	(1.8)	1.0	(1.9)	2.7	(1.5)	
OECD average	8.0	(0.1)	5.3	(0.4)	4.8	(0.4)	4.8	(0.3)	3.0	(0.4)	3.5	(0.4)	3.4	(0.3)	
Partners	Albania	0.2	(0.1)	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	1.0	(0.2)	0.2	(0.6)	0.4	(1.4)	0.3	(0.8)	0.8	(0.7)	0.6	(1.4)	0.7	(0.9)
	Azerbaijan	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)
	Brazil	1.4	(0.2)	0.1	(0.2)	0.0	(0.0)	0.0	(0.1)	1.3	(0.3)	1.4	(0.2)	1.3	(0.3)
	Bulgaria	2.9	(0.5)	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	0.6	(0.2)	c	c	c	c	0.0	(0.0)	c	c	c	c	c	(0.2)
	Croatia	3.3	(0.5)	2.1	(1.0)	2.7	(1.7)	2.3	(0.9)	1.3	(1.1)	0.7	(1.6)	1.1	(0.9)
	Dubai (UAE)	0.4	(0.1)	4.3	(0.8)	9.5	(0.9)	7.6	(0.7)	-4.0	(0.8)	-9.1	(0.9)	-7.2	(0.7)
	Hong Kong-China	12.7	(0.9)	14.8	(1.4)	8.0	(1.2)	12.1	(1.0)	-2.1	(1.4)	4.7	(1.3)	0.6	(1.1)
	Indonesia	0.0	(0.0)	m	m	c	c	c	c	m	m	c	c	m	c
	Jordan	0.2	(0.1)	0.3	(0.3)	0.6	(0.9)	0.4	(0.3)	-0.1	(0.2)	-0.4	(1.0)	-0.1	(0.3)
	Kazakhstan	0.3	(0.1)	0.8	(0.9)	0.4	(0.7)	0.6	(0.6)	-0.5	(0.9)	-0.0	(0.7)	-0.3	(0.7)
	Kyrgyzstan	0.1	(0.1)	0.3	(1.0)	0.0	(0.0)	0.2	(0.6)	-0.2	(0.9)	0.1	(0.1)	-0.1	(0.5)
	Latvia	2.9	(0.5)	3.4	(1.2)	c	c	3.5	(1.3)	-0.5	(1.2)	c	c	-0.6	(1.3)
	Liechtenstein	6.0	(2.0)	1.5	(3.0)	2.0	(2.5)	1.8	(1.8)	4.5	(3.6)	4.0	(3.5)	4.2	(2.8)
	Lithuania	3.1	(0.4)	0.9	(1.4)	c	c	1.5	(1.5)	2.2	(1.4)	c	c	1.6	(1.5)
	Macao-China	2.7	(0.5)	2.9	(0.3)	3.4	(0.7)	3.0	(0.3)	-0.1	(0.6)	-0.7	(0.8)	-0.3	(0.5)
	Montenegro	0.6	(0.2)	0.5	(1.2)	0.9	(0.7)	0.7	(0.6)	0.1	(1.1)	-0.2	(0.8)	-0.1	(0.6)
	Panama	0.6	(0.3)	0.6	(1.1)	1.7	(2.2)	1.3	(1.5)	0.0	(1.1)	-1.1	(2.2)	-0.7	(1.5)
	Peru	0.5	(0.2)	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	0.3	(0.1)	1.0	(0.3)	5.6	(0.6)	3.6	(0.4)	-0.7	(0.4)	-5.3	(0.6)	-3.3	(0.4)
	Romania	0.7	(0.2)	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	3.4	(0.5)	1.3	(0.9)	2.1	(1.1)	1.7	(0.7)	2.1	(1.2)	1.3	(1.2)	1.8	(0.9)
	Serbia	0.8	(0.2)	2.4	(1.7)	0.3	(0.8)	1.5	(0.8)	-1.7	(1.7)	0.4	(0.8)	-0.7	(0.9)
	Shanghai-China	19.7	(1.1)	c	c	c	c	c	c	c	c	c	c	c	c
	Singapore	15.4	(0.6)	22.8	(4.2)	15.1	(2.2)	17.6	(1.7)	-7.4	(4.2)	0.4	(2.4)	-2.2	(1.8)
	Chinese Taipei	5.3	(0.9)	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	0.3	(0.2)	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	2.3	(0.3)	6.6	(4.5)	6.9	(2.8)	6.7	(2.5)	-4.3	(4.5)	-4.6	(2.8)	-4.4	(2.5)	
Tunisia	0.2	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	1.8	(0.3)	c	c	c	c	c	c	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.1f Proportion of lowest performers in reading, by immigrant status

	% of lowest performing students (below Level 2) among...								Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)		
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)								
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	
OECD															
Australia	13.8	(0.6)	10.9	(1.2)	15.0	(1.5)	12.9	(1.1)	2.9	(1.2)	-1.2	(1.6)	0.9	(1.2)	
Austria	23.0	(1.2)	43.1	(3.8)	64.1	(6.0)	49.7	(3.6)	-20.1	(3.9)	-41.1	(6.1)	-26.7	(3.8)	
Belgium	13.6	(0.8)	32.5	(2.7)	36.2	(3.8)	34.2	(2.6)	-18.9	(2.7)	-22.6	(3.7)	-20.6	(2.5)	
Canada	9.1	(0.5)	9.9	(1.3)	13.4	(1.4)	11.4	(1.0)	-0.7	(1.3)	-4.2	(1.5)	-2.3	(1.1)	
Chile	29.5	(1.5)	c	c	c	c	c	c	c	c	c	c	c	c	
Czech Republic	22.6	(1.3)	34.0	(7.6)	29.3	(8.2)	32.3	(6.1)	-11.4	(7.6)	-6.8	(8.2)	-9.7	(6.2)	
Denmark	12.8	(0.9)	31.7	(2.1)	42.8	(3.9)	35.3	(2.0)	-18.9	(2.2)	-30.1	(3.8)	-22.5	(2.1)	
Estonia	12.2	(0.9)	22.0	(3.5)	24.8	(8.5)	22.2	(3.3)	-9.8	(3.3)	-12.6	(8.5)	-10.0	(3.1)	
Finland	7.5	(0.5)	17.6	(5.8)	38.7	(7.9)	29.3	(5.7)	-10.1	(5.8)	-31.2	(7.8)	-21.9	(5.7)	
France	16.8	(1.3)	35.2	(4.0)	42.2	(7.1)	36.8	(3.9)	-18.3	(4.2)	-25.3	(7.2)	-20.0	(4.1)	
Germany	14.0	(1.0)	29.8	(2.8)	34.5	(2.9)	31.4	(2.2)	-15.8	(2.8)	-20.5	(2.8)	-17.4	(2.2)	
Greece	19.1	(1.8)	31.1	(4.9)	43.0	(6.8)	39.2	(4.8)	-12.0	(4.8)	-23.9	(6.6)	-20.1	(4.5)	
Hungary	17.3	(1.4)	7.3	(5.3)	15.4	(5.4)	12.0	(4.0)	10.0	(5.3)	1.9	(5.3)	5.3	(3.9)	
Iceland	15.6	(0.6)	c	c	44.1	(6.9)	42.8	(6.0)	c	c	-28.6	(6.9)	-27.2	c	
Ireland	14.7	(1.1)	11.4	(6.4)	30.8	(3.7)	27.4	(3.4)	3.3	(6.4)	-16.1	(3.6)	-12.7	(3.4)	
Israel	24.7	(1.1)	21.3	(2.2)	30.1	(3.6)	24.5	(2.2)	3.5	(2.1)	-5.4	(3.5)	0.3	(2.1)	
Italy	19.2	(0.6)	34.1	(4.1)	50.5	(2.4)	46.6	(2.1)	-14.9	(4.1)	-31.3	(2.5)	-27.4	(2.2)	
Japan	13.3	(1.1)	c	c	c	c	c	c	c	c	c	c	c	c	
Korea	5.5	(0.8)	c	c	m	m	c	c	c	c	m	m	c	c	
Luxembourg	17.4	(0.9)	37.2	(1.7)	38.1	(1.7)	37.6	(1.2)	-19.8	(2.0)	-20.7	(2.0)	-20.2	(1.5)	
Mexico	38.2	(0.9)	76.9	(6.4)	85.7	(3.0)	82.2	(3.5)	-38.6	(6.3)	-47.5	(2.9)	-44.0	(3.4)	
Netherlands	12.7	(1.5)	20.0	(3.8)	28.6	(5.7)	22.3	(3.8)	-7.4	(4.0)	-16.0	(5.5)	-9.7	(3.9)	
New Zealand	12.5	(0.8)	21.5	(3.4)	15.3	(1.5)	17.3	(1.7)	-9.0	(3.5)	-2.8	(1.6)	-4.8	(1.8)	
Norway	13.5	(0.8)	25.8	(5.0)	35.8	(5.2)	30.5	(4.0)	-12.3	(4.9)	-22.3	(5.1)	-17.0	(3.9)	
Poland	14.3	(0.8)	m	m	c	c	c	c	m	m	c	c	c	m	
Portugal	16.7	(1.2)	18.0	(4.4)	31.6	(4.4)	24.8	(3.6)	-1.3	(4.4)	-14.9	(4.4)	-8.2	(3.5)	
Slovak Republic	21.7	(1.2)	c	c	c	c	c	c	c	c	c	c	c	c	
Slovenia	19.5	(0.6)	32.7	(3.5)	45.0	(6.5)	34.9	(3.3)	-13.3	(3.5)	-25.5	(6.6)	-15.4	(3.3)	
Spain	17.1	(0.8)	25.6	(5.3)	40.2	(2.7)	38.6	(2.6)	-8.5	(5.3)	-23.1	(2.4)	-21.5	(2.4)	
Sweden	14.3	(0.9)	30.4	(3.0)	47.7	(5.2)	35.9	(2.9)	-16.1	(3.1)	-33.4	(5.3)	-21.6	(3.0)	
Switzerland	12.6	(0.7)	26.3	(1.9)	33.9	(2.7)	29.0	(1.8)	-13.7	(1.9)	-21.3	(2.7)	-16.4	(1.8)	
Turkey	23.8	(1.4)	c	c	c	c	c	c	c	c	c	c	c	c	
United Kingdom	16.7	(0.7)	19.7	(3.5)	28.8	(5.0)	23.8	(3.0)	-3.0	(3.6)	-12.0	(5.1)	-7.1	(3.1)	
United States	16.0	(1.0)	19.5	(2.3)	23.2	(3.1)	20.7	(2.1)	-3.5	(2.2)	-7.2	(3.1)	-4.7	(2.0)	
OECD average	16.8	(0.2)	26.9	(0.8)	36.0	(0.9)	31.6	(0.6)	-10.3	(0.8)	-19.5	(0.9)	-15.1	(0.6)	
Partners															
Albania	55.6	(1.9)	c	c	c	c	c	c	c	c	c	c	c	c	
Argentina	50.5	(2.0)	66.8	(5.8)	65.4	(8.2)	66.2	(5.9)	-16.3	(6.1)	-14.9	(8.3)	-15.7	(6.1)	
Azerbaijan	72.3	(1.7)	75.5	(6.3)	63.3	(11.0)	72.4	(6.3)	-3.1	(6.2)	9.0	(11.1)	-0.1	(6.2)	
Brazil	48.0	(1.3)	87.9	(6.9)	91.5	(8.8)	89.2	(5.3)	-40.0	(7.0)	-43.5	(9.0)	-41.2	(5.5)	
Bulgaria	39.6	(2.6)	c	c	c	c	c	c	c	c	c	c	c	c	
Colombia	46.1	(1.9)	c	c	c	c	89.8	(7.7)	c	c	c	c	-43.7	c	
Croatia	21.5	(1.3)	24.7	(3.1)	31.5	(4.8)	26.9	(2.7)	-3.1	(3.0)	-9.9	(4.7)	-5.4	(2.6)	
Dubai (UAE)	54.4	(1.3)	26.4	(1.4)	16.2	(0.7)	20.0	(0.6)	28.0	(2.0)	38.1	(1.6)	34.4	(1.5)	
Hong Kong-China	8.1	(0.9)	6.1	(0.8)	11.7	(2.0)	8.3	(1.0)	2.0	(1.1)	-3.6	(2.2)	-0.2	(1.3)	
Indonesia	53.0	(2.3)	m	m	c	c	c	c	m	m	c	c	c	m	
Jordan	47.6	(1.6)	41.5	(3.2)	44.3	(4.8)	42.2	(2.9)	6.1	(2.8)	3.3	(4.9)	5.4	(2.7)	
Kazakhstan	58.9	(1.6)	49.1	(5.2)	68.7	(4.7)	56.5	(4.0)	9.8	(5.3)	-9.8	(4.8)	2.4	(4.2)	
Kyrgyzstan	83.1	(1.2)	60.2	(7.8)	76.8	(10.2)	67.2	(7.1)	22.8	(7.6)	6.3	(10.2)	15.8	(7.0)	
Latvia	17.0	(1.2)	24.1	(5.9)	c	c	23.8	(5.3)	-7.1	(5.7)	c	c	-6.8	(5.1)	
Liechtenstein	12.5	(1.9)	17.6	(6.9)	24.6	(6.9)	21.5	(4.9)	-5.2	(7.2)	-12.1	(7.6)	-9.0	(5.7)	
Lithuania	23.3	(1.2)	32.8	(6.9)	c	c	32.3	(6.4)	-9.5	(7.0)	c	c	-9.0	(6.6)	
Macao-China	16.9	(1.1)	13.6	(0.6)	13.3	(1.2)	13.6	(0.6)	3.3	(1.3)	3.6	(1.7)	3.4	(1.3)	
Montenegro	49.2	(1.0)	40.3	(6.2)	51.0	(5.0)	46.9	(3.9)	8.9	(6.3)	-1.7	(4.8)	2.3	(3.8)	
Panama	61.7	(2.5)	52.5	(12.0)	74.0	(8.2)	66.3	(7.6)	9.2	(11.3)	-12.3	(8.2)	-4.6	(7.3)	
Peru	63.4	(1.7)	c	c	c	c	c	c	c	c	c	c	c	c	
Qatar	79.2	(0.6)	55.9	(1.2)	32.3	(0.9)	42.5	(0.7)	23.3	(1.3)	46.9	(1.1)	36.7	(1.0)	
Romania	40.1	(2.0)	c	c	c	c	c	c	c	c	c	c	c	c	
Russian Federation	25.5	(1.3)	36.5	(5.0)	33.8	(4.1)	35.4	(3.6)	-11.0	(5.2)	-8.3	(4.0)	-9.9	(3.7)	
Serbia	32.8	(1.3)	25.3	(3.8)	29.8	(4.2)	27.3	(3.1)	7.5	(4.0)	3.0	(4.3)	5.5	(3.2)	
Shanghai-China	3.8	(0.5)	c	c	c	c	c	c	c	c	c	c	c	c	
Singapore	12.1	(0.5)	9.6	(1.8)	13.5	(1.7)	12.2	(1.4)	2.5	(1.9)	-1.4	(1.8)	-0.1	(1.5)	
Chinese Taipei	15.0	(0.9)	c	c	c	c	c	c	c	c	c	c	c	c	
Thailand	42.8	(1.5)	m	m	m	m	m	m	m	m	m	m	m	m	
Trinidad and Tobago	42.9	(0.7)	47.0	(8.3)	41.9	(6.7)	44.7	(5.1)	-4.1	(8.3)	1.0	(6.7)	-1.8	(5.1)	
Tunisia	50.0	(1.6)	c	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	41.4	(1.2)	c	c	c	c	c	c	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Socio-economic background, by immigrant status
Table B2.2a Results based on students' self-reports

		PISA index of social, economic and cultural status															
		Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	0.35	(0.01)	0.28	(0.04)	0.41	(0.03)	0.34	(0.03)	0.07	(0.04)	-0.06	(0.03)	-0.13	(0.04)	0.01	(0.03)
	Austria	0.17	(0.02)	-0.50	(0.04)	-0.68	(0.11)	-0.55	(0.04)	0.67	(0.04)	0.85	(0.11)	0.18	(0.12)	0.73	(0.05)
	Belgium	0.28	(0.02)	-0.32	(0.07)	-0.23	(0.07)	-0.27	(0.06)	0.60	(0.07)	0.51	(0.07)	-0.09	(0.08)	0.56	(0.06)
	Canada	0.53	(0.01)	0.34	(0.04)	0.57	(0.04)	0.44	(0.04)	0.18	(0.04)	-0.04	(0.04)	-0.23	(0.05)	0.08	(0.04)
	Chile	-0.57	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	-0.08	(0.01)	-0.32	(0.13)	-0.01	(0.13)	-0.21	(0.10)	0.24	(0.13)	-0.07	(0.13)	-0.31	(0.19)	0.13	(0.10)
	Denmark	0.36	(0.03)	-0.42	(0.05)	-0.33	(0.07)	-0.39	(0.04)	0.78	(0.05)	0.69	(0.07)	-0.09	(0.08)	0.75	(0.04)
	Estonia	0.16	(0.02)	0.10	(0.06)	0.19	(0.20)	0.10	(0.06)	0.06	(0.06)	-0.02	(0.20)	-0.09	(0.21)	0.06	(0.06)
	Finland	0.38	(0.02)	0.26	(0.13)	-0.10	(0.18)	0.06	(0.12)	0.12	(0.13)	0.48	(0.18)	0.35	(0.21)	0.32	(0.12)
	France	-0.05	(0.03)	-0.65	(0.06)	-0.68	(0.15)	-0.66	(0.06)	0.60	(0.06)	0.63	(0.15)	0.03	(0.16)	0.60	(0.05)
	Germany	0.32	(0.02)	-0.46	(0.04)	-0.30	(0.06)	-0.40	(0.04)	0.78	(0.05)	0.62	(0.06)	-0.15	(0.07)	0.72	(0.04)
	Greece	0.04	(0.03)	-0.35	(0.09)	-0.78	(0.06)	-0.64	(0.05)	0.39	(0.09)	0.82	(0.07)	0.43	(0.11)	0.68	(0.06)
	Hungary	-0.19	(0.03)	0.05	(0.16)	-0.33	(0.12)	-0.17	(0.10)	-0.24	(0.16)	0.14	(0.13)	0.38	(0.20)	-0.03	(0.11)
	Iceland	0.74	(0.02)	c	c	-0.17	(0.11)	-0.08	(0.10)	c	c	0.91	(0.11)	c	c	0.81	(0.11)
	Ireland	0.04	(0.03)	0.10	(0.15)	0.14	(0.06)	0.13	(0.06)	-0.05	(0.15)	-0.10	(0.06)	-0.05	(0.15)	-0.09	(0.06)
	Israel	0.04	(0.02)	-0.21	(0.07)	-0.41	(0.07)	-0.28	(0.06)	0.25	(0.07)	0.45	(0.07)	0.20	(0.08)	0.32	(0.06)
	Italy	-0.09	(0.01)	-0.56	(0.09)	-0.77	(0.06)	-0.72	(0.05)	0.47	(0.09)	0.68	(0.06)	0.21	(0.10)	0.63	(0.05)
	Japan	-0.01	(0.01)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	-0.15	(0.03)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
	Luxembourg	0.55	(0.01)	-0.46	(0.03)	-0.18	(0.04)	-0.35	(0.02)	1.02	(0.04)	0.74	(0.05)	-0.28	(0.06)	0.91	(0.03)
	Mexico	-1.19	(0.03)	-1.71	(0.13)	-1.80	(0.11)	-1.77	(0.09)	0.52	(0.13)	0.61	(0.10)	0.09	(0.16)	0.57	(0.08)
	Netherlands	0.38	(0.02)	-0.47	(0.06)	-0.43	(0.14)	-0.46	(0.07)	0.84	(0.06)	0.80	(0.14)	-0.04	(0.13)	0.83	(0.07)
	New Zealand	0.08	(0.02)	-0.15	(0.06)	0.23	(0.03)	0.11	(0.03)	0.23	(0.06)	-0.15	(0.03)	-0.37	(0.06)	-0.03	(0.03)
	Norway	0.51	(0.02)	0.08	(0.08)	-0.17	(0.08)	-0.03	(0.06)	0.43	(0.08)	0.68	(0.08)	0.25	(0.12)	0.54	(0.06)
	Poland	-0.28	(0.02)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
	Portugal	-0.31	(0.04)	-0.42	(0.11)	-0.33	(0.08)	-0.37	(0.07)	0.10	(0.11)	0.02	(0.09)	-0.08	(0.12)	0.06	(0.08)
	Slovak Republic	-0.09	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	0.12	(0.01)	-0.46	(0.05)	-0.65	(0.11)	-0.50	(0.04)	0.59	(0.05)	0.77	(0.11)	0.18	(0.12)	0.62	(0.05)
	Spain	-0.27	(0.03)	-0.49	(0.11)	-0.77	(0.05)	-0.74	(0.05)	0.22	(0.10)	0.50	(0.06)	0.28	(0.12)	0.47	(0.05)
	Sweden	0.40	(0.02)	-0.05	(0.05)	-0.39	(0.12)	-0.16	(0.05)	0.44	(0.05)	0.78	(0.12)	0.34	(0.12)	0.55	(0.05)
	Switzerland	0.21	(0.02)	-0.39	(0.05)	-0.27	(0.08)	-0.35	(0.05)	0.61	(0.04)	0.49	(0.08)	-0.12	(0.08)	0.56	(0.04)
	Turkey	-1.16	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	0.23	(0.02)	0.14	(0.12)	-0.07	(0.09)	0.04	(0.09)	0.09	(0.12)	0.30	(0.09)	0.21	(0.11)	0.18	(0.09)
United States	0.31	(0.04)	-0.38	(0.08)	-0.41	(0.10)	-0.39	(0.08)	0.69	(0.07)	0.72	(0.10)	0.03	(0.08)	0.70	(0.07)	
OECD average	0.05	(0.00)	-0.27	(0.02)	-0.31	(0.02)	-0.30	(0.01)	0.40	(0.02)	0.45	(0.02)	0.04	(0.02)	0.44	(0.01)	
Partners	Albania	-0.95	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	-0.60	(0.05)	-1.23	(0.10)	-1.09	(0.15)	-1.17	(0.10)	0.64	(0.11)	0.49	(0.14)	-0.15	(0.15)	0.58	(0.10)
	Azerbaijan	-0.64	(0.03)	-0.70	(0.19)	-0.14	(0.14)	-0.56	(0.16)	0.06	(0.19)	-0.50	(0.14)	-0.56	(0.23)	-0.08	(0.16)
	Brazil	-1.15	(0.03)	-1.25	(0.26)	-1.50	(0.40)	-1.34	(0.23)	0.10	(0.26)	0.35	(0.40)	0.25	(0.46)	0.18	(0.24)
	Bulgaria	-0.10	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Colombia	-1.14	(0.05)	c	c	c	c	-1.91	(0.26)	c	c	c	c	c	c	0.77	(0.26)
	Croatia	-0.15	(0.02)	-0.33	(0.07)	-0.57	(0.06)	-0.40	(0.05)	0.18	(0.07)	0.42	(0.06)	0.24	(0.08)	0.26	(0.05)
	Dubai (UAE)	0.25	(0.02)	0.30	(0.02)	0.61	(0.01)	0.50	(0.01)	-0.04	(0.03)	-0.36	(0.03)	-0.32	(0.03)	-0.24	(0.03)
	Hong Kong-China	-0.53	(0.05)	-1.11	(0.03)	-1.38	(0.04)	-1.22	(0.03)	0.58	(0.04)	0.85	(0.06)	0.27	(0.05)	0.69	(0.05)
	Indonesia	-1.55	(0.06)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
	Jordan	-0.60	(0.03)	-0.37	(0.07)	-0.10	(0.09)	-0.31	(0.07)	-0.23	(0.07)	-0.51	(0.08)	-0.28	(0.10)	-0.30	(0.06)
	Kazakhstan	-0.49	(0.03)	-0.56	(0.08)	-0.76	(0.09)	-0.63	(0.07)	0.06	(0.08)	0.27	(0.09)	0.20	(0.09)	0.14	(0.07)
	Kyrgyzstan	-0.65	(0.02)	-0.53	(0.18)	-0.66	(0.27)	-0.59	(0.18)	-0.11	(0.18)	0.01	(0.26)	0.12	(0.27)	-0.06	(0.18)
	Latvia	-0.13	(0.03)	-0.11	(0.11)	c	c	-0.07	(0.10)	-0.02	(0.11)	c	c	c	c	-0.06	(0.10)
	Liechtenstein	0.25	(0.05)	-0.33	(0.14)	-0.25	(0.14)	-0.28	(0.10)	0.57	(0.15)	0.50	(0.14)	-0.08	(0.21)	0.53	(0.10)
	Lithuania	-0.04	(0.02)	-0.13	(0.14)	c	c	-0.11	(0.12)	0.09	(0.14)	c	c	c	c	0.07	(0.12)
	Macao-China	-0.44	(0.02)	-0.83	(0.02)	-0.75	(0.03)	-0.81	(0.01)	0.39	(0.03)	0.31	(0.04)	-0.08	(0.03)	0.38	(0.03)
	Montenegro	-0.25	(0.02)	0.09	(0.10)	-0.23	(0.08)	-0.11	(0.07)	-0.34	(0.10)	-0.02	(0.08)	0.32	(0.11)	-0.14	(0.07)
	Panama	-0.81	(0.08)	-0.39	(0.14)	-0.91	(0.22)	-0.72	(0.17)	-0.41	(0.15)	0.10	(0.23)	0.51	(0.26)	-0.08	(0.18)
	Peru	-1.30	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Qatar	0.51	(0.01)	0.31	(0.02)	0.66	(0.01)	0.51	(0.01)	0.20	(0.03)	-0.15	(0.02)	-0.36	(0.03)	0.00	(0.02)
	Romania	-0.36	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Russian Federation	-0.19	(0.02)	-0.34	(0.05)	-0.31	(0.07)	-0.33	(0.04)	0.15	(0.05)	0.11	(0.07)	-0.03	(0.08)	0.13	(0.04)
	Serbia	0.08	(0.02)	0.08	(0.07)	-0.15	(0.07)	-0.03	(0.05)	0.00	(0.07)	0.24	(0.06)	0.23	(0.09)	0.11	(0.05)
	Shanghai-China	-0.49	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Singapore	-0.46	(0.01)	-0.38	(0.06)	-0.19	(0.03)	-0.25	(0.03)	-0.07	(0.06)	-0.27	(0.04)	-0.20	(0.07)	-0.20	(0.03)
	Chinese Taipei	-0.32	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Thailand	-1.31	(0.04)	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Trinidad and Tobago	-0.58	(0.02)	-0.40	(0.14)	0.05	(0.15)	-0.20	(0.11)	-0.18	(0.14)	-0.64	(0.16)	-0.46	(0.20)	-0.38	(0.11)
	Tunisia	-1.20	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	-0.70	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c		

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Highest parental education, by immigrant status
Table B2.2b Results based on students' self-reports

	Highest parental education (years)																
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)		
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	13.3	(0.0)	13.3	(0.1)	13.8	(0.1)	13.5	(0.1)	-0.0	(0.1)	0.5	(0.1)	0.6	(0.1)	0.3	(0.1)
	Austria	13.9	(0.0)	12.7	(0.1)	12.0	(0.3)	12.5	(0.1)	-1.2	(0.1)	-1.9	(0.3)	-0.6	(0.4)	-1.4	(0.1)
	Belgium	14.4	(0.0)	12.9	(0.3)	13.4	(0.2)	13.1	(0.2)	-1.5	(0.3)	-1.1	(0.2)	0.5	(0.3)	-1.3	(0.2)
	Canada	14.9	(0.0)	14.5	(0.1)	15.6	(0.1)	15.0	(0.1)	-0.4	(0.1)	0.6	(0.1)	1.1	(0.1)	0.0	(0.1)
	Chile	12.5	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	13.5	(0.0)	13.2	(0.4)	13.9	(0.3)	13.4	(0.3)	-0.3	(0.4)	0.4	(0.3)	0.7	(0.5)	-0.1	(0.3)
	Denmark	14.3	(0.1)	12.5	(0.2)	13.5	(0.2)	12.8	(0.1)	-1.8	(0.2)	-0.8	(0.2)	1.0	(0.3)	-1.5	(0.1)
	Estonia	13.9	(0.0)	14.3	(0.1)	14.4	(0.5)	14.3	(0.1)	0.4	(0.1)	0.4	(0.5)	0.0	(0.6)	0.4	(0.1)
	Finland	14.9	(0.0)	14.8	(0.4)	13.9	(0.5)	14.3	(0.4)	-0.0	(0.4)	-0.9	(0.5)	-0.9	(0.6)	-0.5	(0.4)
	France	13.1	(0.1)	11.3	(0.2)	11.6	(0.4)	11.4	(0.2)	-1.8	(0.2)	-1.4	(0.4)	0.4	(0.5)	-1.7	(0.2)
	Germany	14.5	(0.1)	12.6	(0.2)	13.9	(0.3)	13.0	(0.2)	-2.0	(0.3)	-0.7	(0.3)	1.3	(0.4)	-1.6	(0.2)
	Greece	13.7	(0.1)	13.9	(0.3)	13.1	(0.3)	13.3	(0.2)	0.2	(0.3)	-0.6	(0.3)	-0.8	(0.4)	-0.3	(0.2)
	Hungary	12.9	(0.1)	13.7	(0.4)	13.0	(0.4)	13.3	(0.3)	0.8	(0.4)	0.1	(0.4)	-0.7	(0.5)	0.4	(0.3)
	Iceland	15.6	(0.0)	c	c	14.8	(0.4)	14.9	(0.4)	c	c	-0.8	(0.4)	c	c	-0.7	(0.4)
	Ireland	13.2	(0.1)	13.0	(0.4)	14.1	(0.2)	13.9	(0.2)	-0.2	(0.4)	0.9	(0.2)	1.1	(0.4)	0.7	(0.2)
	Israel	13.4	(0.1)	13.1	(0.2)	13.1	(0.2)	13.1	(0.2)	-0.4	(0.2)	-0.3	(0.2)	0.1	(0.3)	-0.3	(0.2)
	Italy	12.9	(0.0)	12.7	(0.3)	12.9	(0.3)	12.8	(0.2)	-0.2	(0.3)	-0.0	(0.2)	0.2	(0.4)	-0.1	(0.2)
	Japan	14.1	(0.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	13.7	(0.1)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
	Luxembourg	14.7	(0.1)	11.3	(0.1)	12.7	(0.2)	11.8	(0.1)	-3.4	(0.1)	-2.0	(0.2)	1.4	(0.2)	-2.8	(0.1)
	Mexico	10.9	(0.1)	9.5	(0.5)	9.3	(0.4)	9.4	(0.3)	-1.3	(0.5)	-1.6	(0.3)	-0.2	(0.6)	-1.5	(0.3)
	Netherlands	14.2	(0.1)	11.8	(0.3)	11.9	(0.5)	11.9	(0.3)	-2.4	(0.2)	-2.3	(0.5)	0.1	(0.5)	-2.4	(0.2)
	New Zealand	12.9	(0.0)	13.0	(0.1)	13.7	(0.1)	13.5	(0.1)	0.1	(0.1)	0.8	(0.1)	0.7	(0.1)	0.6	(0.1)
	Norway	14.0	(0.0)	13.3	(0.2)	13.1	(0.3)	13.2	(0.2)	-0.7	(0.2)	-0.9	(0.3)	-0.2	(0.4)	-0.8	(0.2)
	Poland	12.2	(0.1)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
	Portugal	10.8	(0.1)	11.8	(0.3)	13.0	(0.4)	12.4	(0.2)	1.1	(0.3)	2.2	(0.3)	1.1	(0.5)	1.6	(0.2)
	Slovak Republic	13.3	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	13.0	(0.0)	11.8	(0.1)	12.0	(0.3)	11.8	(0.1)	-1.2	(0.1)	-1.0	(0.3)	0.2	(0.4)	-1.1	(0.1)
Spain	12.1	(0.1)	12.0	(0.4)	12.0	(0.2)	12.0	(0.2)	-0.1	(0.4)	-0.0	(0.2)	0.0	(0.4)	-0.0	(0.2)	
Sweden	13.9	(0.0)	13.3	(0.2)	12.2	(0.4)	12.9	(0.2)	-0.7	(0.2)	-1.8	(0.4)	-1.1	(0.4)	-1.0	(0.2)	
Switzerland	14.3	(0.1)	12.6	(0.2)	13.4	(0.3)	12.9	(0.2)	-1.7	(0.2)	-0.9	(0.3)	0.7	(0.3)	-1.4	(0.2)	
Turkey	8.8	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
United Kingdom	14.2	(0.0)	13.9	(0.3)	13.9	(0.3)	13.9	(0.3)	-0.3	(0.3)	-0.3	(0.3)	-0.0	(0.3)	-0.3	(0.3)	
United States	14.1	(0.1)	11.9	(0.3)	12.2	(0.3)	12.0	(0.3)	-2.1	(0.3)	-1.9	(0.3)	0.3	(0.3)	-2.0	(0.2)	
OECD average	13.4	(0.0)	12.8	(0.1)	13.1	(0.1)	12.9	(0.0)	-0.8	(0.1)	-0.5	(0.1)	0.3	(0.1)	-0.7	(0.0)	
Partners	Albania	12.2	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	12.5	(0.2)	10.7	(0.5)	11.4	(0.6)	11.0	(0.4)	-1.8	(0.5)	-1.1	(0.6)	0.8	(0.8)	-1.5	(0.4)
	Azerbaijan	13.9	(0.1)	13.9	(0.4)	14.9	(0.4)	14.1	(0.3)	-0.0	(0.4)	1.0	(0.4)	1.0	(0.5)	0.2	(0.3)
	Brazil	10.2	(0.1)	10.4	(1.4)	11.0	(1.9)	10.6	(1.2)	0.2	(1.5)	0.8	(2.0)	0.6	(2.3)	0.4	(1.2)
	Bulgaria	13.8	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	10.7	(0.1)	c	c	c	c	9.3	(0.8)	c	c	c	c	c	c	-1.4	(0.8)
	Croatia	13.6	(0.1)	13.1	(0.2)	12.8	(0.2)	13.0	(0.1)	-0.5	(0.2)	-0.8	(0.2)	-0.4	(0.3)	-0.6	(0.2)
	Dubai (UAE)	12.5	(0.1)	14.4	(0.1)	15.3	(0.0)	15.0	(0.0)	1.9	(0.1)	2.8	(0.1)	0.9	(0.1)	2.5	(0.1)
	Hong Kong-China	11.5	(0.1)	10.0	(0.1)	9.7	(0.1)	9.9	(0.1)	-1.5	(0.1)	-1.9	(0.2)	-0.4	(0.2)	-1.7	(0.1)
	Indonesia	9.9	(0.2)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
	Jordan	12.9	(0.1)	13.6	(0.2)	14.3	(0.2)	13.8	(0.2)	0.7	(0.2)	1.4	(0.2)	0.7	(0.3)	0.9	(0.1)
	Kazakhstan	14.2	(0.0)	14.0	(0.1)	13.9	(0.2)	14.0	(0.1)	-0.2	(0.1)	-0.3	(0.2)	-0.1	(0.2)	-0.3	(0.1)
	Kyrgyzstan	13.2	(0.0)	12.9	(0.3)	13.3	(0.4)	13.1	(0.3)	-0.4	(0.3)	0.1	(0.4)	0.5	(0.5)	-0.2	(0.3)
	Latvia	13.7	(0.1)	13.9	(0.3)	c	c	14.0	(0.2)	0.1	(0.3)	c	c	1.3	(0.5)	0.3	(0.2)
	Liechtenstein	13.5	(0.2)	12.1	(0.5)	12.4	(0.6)	12.2	(0.4)	-1.5	(0.5)	-1.2	(0.6)	0.3	(0.8)	-1.3	(0.4)
	Lithuania	13.5	(0.0)	13.5	(0.3)	c	c	13.6	(0.3)	-0.0	(0.3)	c	c	1.1	(1.0)	0.1	(0.3)
	Macao-China	10.7	(0.1)	9.9	(0.1)	10.3	(0.1)	10.0	(0.1)	-0.8	(0.1)	-0.4	(0.1)	0.4	(0.1)	-0.7	(0.1)
	Montenegro	12.7	(0.0)	13.2	(0.3)	13.2	(0.3)	13.2	(0.2)	0.5	(0.3)	0.5	(0.3)	0.0	(0.4)	0.5	(0.2)
	Panama	12.7	(0.2)	12.1	(0.5)	13.6	(0.5)	13.1	(0.3)	-0.6	(0.5)	0.9	(0.5)	1.5	(0.7)	0.4	(0.4)
	Peru	11.5	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	13.5	(0.0)	13.7	(0.1)	15.1	(0.0)	14.5	(0.0)	0.2	(0.1)	1.6	(0.1)	1.4	(0.1)	1.0	(0.1)
	Romania	13.2	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	13.3	(0.0)	13.1	(0.1)	13.1	(0.2)	13.1	(0.1)	-0.1	(0.1)	-0.1	(0.2)	0.0	(0.2)	-0.1	(0.1)
	Serbia	13.3	(0.1)	13.7	(0.2)	13.1	(0.2)	13.4	(0.2)	0.4	(0.2)	-0.2	(0.2)	-0.5	(0.3)	0.1	(0.2)
	Shanghai-China	12.6	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Singapore	10.9	(0.0)	10.9	(0.1)	11.7	(0.1)	11.4	(0.1)	0.1	(0.1)	0.8	(0.1)	0.7	(0.2)	0.6	(0.1)
	Chinese Taipei	12.7	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	9.7	(0.1)	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	12.4	(0.1)	12.8	(0.5)	14.0	(0.5)	13.3	(0.4)	0.4	(0.5)	1.6	(0.5)	1.1	(0.6)	0.9	(0.4)	
Tunisia	10.6	(0.2)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	11.0	(0.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Number of books in the home, by immigrant status
Table B2.2c. Results based on students' self-reports

	Number of books in the home															
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	180.0	(2.4)	154.8	(6.6)	144.8	(5.9)	150.0	(5.4)	-25.2	(6.7)	-35.2	(5.9)	-10.0	(6.4)	-30.0	(5.5)
Australia	180.0	(2.4)	154.8	(6.6)	144.8	(5.9)	150.0	(5.4)	-25.2	(6.7)	-35.2	(5.9)	-10.0	(6.4)	-30.0	(5.5)
Austria	158.1	(3.5)	62.1	(4.7)	72.4	(10.4)	65.3	(4.8)	-96.0	(5.7)	-85.7	(11.3)	10.3	(10.9)	-92.8	(6.0)
Belgium	141.4	(2.4)	95.3	(7.5)	91.9	(7.3)	93.7	(5.7)	-46.0	(7.3)	-49.5	(7.3)	-3.4	(9.4)	-47.6	(5.7)
Canada	167.8	(2.1)	127.7	(4.5)	124.1	(6.7)	126.1	(4.3)	-40.1	(5.0)	-43.8	(6.8)	-3.6	(7.1)	-41.7	(4.7)
Chile	73.2	(2.2)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	142.7	(2.6)	109.6	(20.7)	66.8	(12.2)	93.9	(14.1)	-33.1	(21.4)	-75.9	(12.3)	-42.8	(24.0)	-48.8	(14.8)
Denmark	141.8	(3.4)	79.4	(5.8)	76.2	(9.4)	78.4	(5.0)	-62.4	(5.9)	-65.6	(10.3)	-3.2	(11.0)	-63.4	(5.6)
Estonia	168.4	(3.2)	162.0	(9.6)	160.3	(32.4)	161.9	(8.7)	-6.4	(9.4)	-8.2	(32.3)	-1.7	(35.6)	-6.6	(8.4)
Finland	162.2	(3.0)	132.3	(21.0)	115.8	(19.5)	123.1	(15.5)	-29.9	(21.0)	-46.4	(19.9)	-16.5	(26.6)	-39.1	(15.7)
France	140.6	(5.4)	75.1	(6.3)	65.7	(11.1)	72.8	(5.9)	-65.5	(6.4)	-74.9	(11.9)	-9.4	(11.8)	-67.8	(6.3)
Germany	172.7	(3.6)	87.8	(6.5)	89.3	(8.6)	88.3	(5.6)	-84.8	(6.7)	-83.4	(9.4)	1.5	(9.8)	-84.3	(6.2)
Greece	136.7	(3.9)	99.7	(15.3)	50.2	(4.9)	66.4	(6.7)	-37.0	(15.5)	-86.5	(6.6)	-49.5	(16.1)	-70.3	(7.7)
Hungary	184.6	(4.6)	180.6	(29.0)	160.2	(25.1)	168.9	(18.9)	-4.0	(29.3)	-24.4	(24.5)	-20.4	(38.3)	-15.7	(18.6)
Iceland	188.2	(3.1)	c	c	79.5	(13.1)	96.9	(13.9)	c	c	-108.7	(13.2)	c	c	-91.3	(14.3)
Ireland	142.9	(4.1)	160.0	(26.4)	116.5	(10.3)	124.2	(9.8)	17.2	(26.5)	-26.4	(10.3)	-43.5	(28.7)	-18.7	(9.8)
Israel	156.0	(5.5)	131.7	(9.1)	95.3	(9.0)	118.4	(7.9)	-24.4	(7.9)	-60.7	(9.1)	-36.4	(9.4)	-37.6	(7.0)
Italy	139.7	(1.9)	92.4	(8.1)	51.8	(3.7)	61.4	(3.7)	-47.3	(8.1)	-87.9	(3.9)	-40.6	(8.8)	-78.3	(3.7)
Japan	149.4	(2.9)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	180.4	(4.5)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
Luxembourg	229.1	(3.3)	117.3	(4.2)	128.3	(4.9)	121.7	(2.9)	-111.8	(5.4)	-100.8	(6.4)	11.0	(7.0)	-107.4	(4.7)
Mexico	49.9	(1.4)	48.5	(7.5)	32.0	(6.9)	38.5	(5.2)	-1.4	(7.3)	-18.0	(6.1)	-16.6	(9.9)	-11.4	(4.5)
Netherlands	142.2	(4.9)	56.4	(5.0)	74.0	(15.4)	61.1	(5.5)	-85.8	(6.9)	-68.2	(14.2)	17.6	(16.1)	-81.1	(6.2)
New Zealand	167.0	(3.2)	124.9	(8.7)	152.0	(5.8)	143.2	(5.3)	-42.1	(8.7)	-15.0	(7.0)	27.1	(9.7)	-23.9	(6.2)
Norway	183.1	(3.2)	108.3	(14.1)	90.5	(10.7)	100.0	(9.3)	-74.8	(14.4)	-92.6	(11.1)	-17.8	(16.9)	-83.1	(9.7)
Poland	125.9	(3.4)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Portugal	111.6	(3.4)	96.4	(11.7)	76.5	(9.9)	86.4	(7.7)	-15.1	(11.9)	-35.1	(10.7)	-19.9	(14.6)	-25.2	(8.3)
Slovak Republic	115.8	(3.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	121.7	(2.0)	56.2	(6.0)	49.4	(12.8)	55.0	(5.5)	-65.5	(6.1)	-72.3	(12.8)	-6.8	(14.0)	-66.7	(5.6)
Spain	168.0	(3.2)	107.2	(12.8)	55.4	(3.1)	61.2	(3.1)	-60.8	(12.8)	-112.6	(4.2)	-51.8	(13.4)	-106.7	(4.0)
Sweden	197.7	(3.2)	102.8	(6.7)	81.6	(12.2)	96.0	(5.6)	-94.9	(7.2)	-116.1	(11.9)	-21.2	(14.6)	-101.7	(5.8)
Switzerland	155.8	(3.4)	83.4	(4.7)	97.8	(8.0)	88.6	(3.5)	-72.4	(5.3)	-58.0	(9.1)	14.4	(10.5)	-67.2	(4.8)
Turkey	79.7	(3.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	145.0	(2.9)	122.0	(10.8)	100.5	(10.7)	112.3	(8.0)	-23.1	(10.3)	-44.5	(11.0)	-21.4	(15.0)	-32.7	(7.7)
United States	133.3	(5.0)	68.0	(5.2)	68.4	(7.7)	68.1	(5.1)	-65.3	(6.7)	-65.0	(9.2)	0.4	(7.4)	-65.2	(6.8)
OECD average	148.6	(0.6)	105.3	(2.4)	91.7	(2.3)	97.2	(1.5)	-48.1	(2.4)	-62.9	(2.4)	-13.1	(3.3)	-57.4	(1.6)
Partners																
Albania	51.9	(2.9)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	73.6	(3.8)	53.2	(9.3)	52.8	(18.9)	53.1	(10.6)	-20.4	(10.2)	-20.9	(19.4)	-0.5	(18.7)	-20.6	(11.4)
Azerbaijan	62.5	(2.4)	42.5	(8.6)	69.5	(21.8)	49.0	(9.6)	-20.1	(8.4)	6.9	(22.4)	27.0	(21.0)	-13.5	(9.7)
Brazil	40.8	(1.2)	34.1	(14.9)	19.7	(4.5)	29.1	(10.0)	-6.7	(15.0)	-21.1	(4.4)	-14.4	(15.6)	-11.7	(10.1)
Bulgaria	121.2	(4.7)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	44.3	(1.7)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Croatia	85.0	(2.5)	74.1	(6.0)	43.4	(5.5)	64.1	(4.5)	-10.9	(6.4)	-41.7	(5.5)	-30.8	(8.0)	-21.0	(4.8)
Dubai (UAE)	105.9	(4.2)	101.0	(4.5)	124.4	(2.9)	115.8	(2.2)	-4.8	(6.6)	18.5	(4.6)	23.4	(5.8)	9.9	(4.6)
Hong Kong-China	110.3	(5.2)	71.3	(3.3)	48.7	(2.7)	62.4	(2.6)	-39.0	(5.3)	-61.6	(4.9)	-22.6	(3.7)	-47.9	(4.8)
Indonesia	54.6	(2.1)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Jordan	66.6	(2.1)	75.7	(5.5)	80.6	(11.8)	76.8	(5.0)	9.1	(5.5)	14.0	(12.2)	4.9	(13.2)	10.3	(5.2)
Kazakhstan	92.0	(4.2)	102.5	(9.5)	63.0	(10.2)	87.6	(8.8)	10.4	(9.2)	-29.1	(10.4)	-39.5	(10.7)	-4.4	(8.7)
Kyrgyzstan	55.2	(2.5)	124.4	(21.5)	54.2	(14.6)	94.3	(13.8)	69.2	(20.9)	-1.0	(14.5)	-70.2	(26.7)	39.1	(13.1)
Latvia	141.8	(3.4)	160.0	(17.4)	c	c	161.9	(16.5)	18.2	(17.2)	c	c	21.2	(35.5)	20.1	(16.3)
Liechtenstein	176.7	(9.8)	125.9	(19.6)	169.7	(22.6)	150.2	(15.0)	-50.9	(21.8)	-7.0	(24.4)	43.9	(30.9)	-26.5	(17.6)
Lithuania	112.3	(2.6)	123.5	(18.5)	c	c	122.8	(18.4)	11.2	(18.8)	c	c	-7.7	(77.0)	10.5	(18.6)
Macao-China	71.5	(2.4)	59.3	(1.6)	59.8	(3.1)	59.4	(1.2)	-12.2	(3.0)	-11.7	(3.6)	0.5	(3.9)	-12.1	(2.7)
Montenegro	115.1	(2.4)	159.6	(15.8)	88.6	(9.8)	115.8	(8.3)	44.5	(16.4)	-26.6	(10.0)	-71.0	(20.1)	0.6	(8.8)
Panama	51.6	(3.9)	47.0	(8.6)	64.0	(12.3)	57.9	(8.9)	-4.6	(8.9)	12.4	(13.1)	17.0	(14.7)	6.3	(9.4)
Peru	49.5	(2.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	132.0	(2.3)	130.2	(3.8)	123.3	(2.9)	126.3	(2.3)	-1.8	(4.1)	-8.7	(4.0)	-6.8	(4.8)	-5.7	(3.3)
Romania	100.1	(4.2)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	143.4	(3.3)	113.6	(10.7)	105.8	(8.6)	110.5	(7.2)	-29.8	(10.9)	-37.6	(8.6)	-7.9	(14.0)	-32.9	(7.3)
Serbia	89.1	(2.1)	88.6	(7.0)	63.4	(7.8)	77.2	(5.5)	-0.5	(7.5)	-25.8	(8.0)	-25.2	(10.4)	-11.9	(5.8)
Shanghai-China	113.7	(3.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	121.9	(2.0)	119.7	(9.3)	123.7	(6.0)	122.3	(5.4)	-2.2	(10.1)	1.7	(6.6)	3.9	(10.5)	0.4	(6.2)
Chinese Taipei	134.8	(3.3)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	65.4	(2.0)	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	141.3	(2.6)	189.0	(25.5)	144.8	(20.3)	169.1	(17.5)	47.7	(25.9)	3.5	(20.2)	-44.2	(30.5)	27.8	(17.8)
Tunisia	40.4	(2.1)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	74.5	(2.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Highest parental occupational status, by immigrant status
Table B2.2d Results based on students' self-reports

	Highest parental occupational status																
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)		
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	53.3	(0.2)	51.7	(0.8)	55.3	(0.7)	53.4	(0.6)	-1.6	(0.8)	2.1	(0.7)	3.6	(0.9)	0.2	(0.6)	
Australia	49.7	(0.4)	40.1	(0.7)	41.2	(1.6)	40.4	(0.7)	-9.7	(0.8)	-8.6	(1.6)	1.1	(1.7)	-9.4	(0.8)	
Austria	51.3	(0.3)	42.4	(1.1)	44.1	(1.2)	43.2	(1.0)	-8.9	(1.1)	-7.3	(1.2)	1.7	(1.2)	-8.1	(1.0)	
Belgium	53.8	(0.2)	49.2	(0.6)	55.2	(0.8)	51.8	(0.6)	-4.6	(0.6)	1.4	(0.8)	6.0	(0.9)	-2.0	(0.6)	
Canada	43.1	(0.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Chile	48.1	(0.3)	44.5	(1.9)	51.8	(2.6)	47.3	(1.6)	-3.6	(1.9)	3.7	(2.6)	7.3	(3.1)	-0.8	(1.6)	
Czech Republic	51.7	(0.5)	42.4	(0.8)	42.4	(1.4)	42.4	(0.8)	-9.2	(0.8)	-9.3	(1.5)	-0.0	(1.4)	-9.2	(0.8)	
Denmark	50.4	(0.4)	47.3	(1.3)	c	c	47.8	(1.3)	-3.1	(1.3)	c	c	5.6	(3.7)	-2.7	(1.3)	
Estonia	53.1	(0.4)	52.3	(2.5)	48.1	(2.0)	50.0	(1.6)	-0.8	(2.5)	-5.0	(2.1)	-4.2	(3.2)	-3.1	(1.6)	
Finland	48.0	(0.6)	39.2	(1.1)	40.3	(2.3)	39.5	(1.0)	-8.8	(1.0)	-7.7	(2.2)	1.1	(2.4)	-8.5	(0.9)	
France	50.7	(0.4)	40.6	(0.7)	41.8	(1.1)	41.0	(0.6)	-10.2	(0.8)	-8.9	(1.0)	1.2	(1.2)	-9.7	(0.6)	
Germany	50.1	(0.6)	41.7	(1.6)	33.5	(1.0)	36.2	(1.0)	-8.3	(1.6)	-16.5	(1.2)	-8.2	(1.9)	-13.8	(1.1)	
Greece	47.7	(0.4)	51.9	(2.9)	42.6	(2.0)	46.7	(1.7)	4.1	(2.8)	-5.1	(2.0)	-9.2	(3.4)	-1.1	(1.7)	
Hungary	56.3	(0.3)	c	c	39.5	(1.9)	41.6	(1.7)	c	c	-16.7	(1.9)	c	c	-14.7	(1.7)	
Iceland	49.8	(0.5)	53.0	(3.1)	52.1	(1.3)	52.2	(1.2)	3.2	(3.1)	2.3	(1.3)	-1.0	(3.2)	2.5	(1.2)	
Ireland	53.8	(0.4)	51.3	(1.1)	46.8	(1.1)	49.7	(0.9)	-2.6	(1.0)	-7.0	(1.2)	-4.5	(1.4)	-4.1	(0.8)	
Israel	47.5	(0.2)	40.8	(1.4)	35.1	(0.6)	36.4	(0.6)	-6.7	(1.4)	-12.4	(0.6)	-5.7	(1.5)	-11.1	(0.6)	
Italy	51.5	(0.3)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Japan	50.1	(0.4)	c	c	m	m	c	c	c	c	m	m	c	c	c	c	
Korea	52.1	(0.3)	39.7	(0.5)	45.6	(0.7)	42.0	(0.4)	-12.5	(0.6)	-6.6	(0.8)	5.9	(0.9)	-10.1	(0.5)	
Luxembourg	41.6	(0.4)	34.1	(1.2)	35.9	(1.2)	35.2	(0.9)	-7.4	(1.2)	-5.7	(1.1)	1.8	(1.6)	-6.4	(0.9)	
Mexico	52.6	(0.4)	42.3	(1.1)	43.2	(2.2)	42.5	(1.1)	-10.3	(1.1)	-9.4	(2.2)	0.9	(2.2)	-10.1	(1.1)	
Netherlands	52.0	(0.3)	48.0	(1.2)	55.1	(0.6)	52.8	(0.7)	-4.0	(1.2)	3.1	(0.7)	7.1	(1.1)	0.9	(0.7)	
New Zealand	55.8	(0.4)	49.9	(1.4)	48.9	(1.7)	49.4	(1.1)	-5.9	(1.4)	-6.9	(1.6)	-1.0	(2.2)	-6.4	(1.1)	
Norway	44.7	(0.4)	m	m	c	c	c	c	m	m	c	c	m	m	c	c	
Poland	44.4	(0.5)	41.0	(1.5)	40.9	(1.2)	41.0	(0.9)	-3.3	(1.5)	-3.4	(1.3)	-0.1	(2.0)	-3.4	(1.0)	
Portugal	45.7	(0.4)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Slovak Republic	51.0	(0.3)	43.0	(1.0)	37.6	(2.1)	42.0	(0.9)	-8.0	(1.0)	-13.5	(2.1)	-5.5	(2.2)	-9.0	(1.0)	
Slovenia	46.6	(0.5)	44.1	(2.0)	38.5	(0.8)	39.1	(0.7)	-2.5	(1.8)	-8.1	(0.9)	-5.6	(2.1)	-7.5	(0.8)	
Spain	52.9	(0.4)	46.7	(1.0)	47.8	(2.0)	47.0	(0.9)	-6.2	(1.1)	-5.1	(2.0)	1.1	(2.1)	-5.9	(1.0)	
Sweden	52.7	(0.4)	43.2	(0.7)	45.1	(1.2)	43.9	(0.7)	-9.5	(0.6)	-7.6	(1.2)	2.0	(1.2)	-8.8	(0.6)	
Switzerland	41.3	(0.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Turkey	49.9	(0.3)	50.0	(2.0)	48.9	(1.4)	49.5	(1.6)	0.1	(2.0)	-1.0	(1.4)	-1.1	(1.7)	-0.4	(1.5)	
United Kingdom	53.9	(0.5)	44.8	(1.0)	43.7	(1.5)	44.5	(1.0)	-9.1	(1.0)	-10.2	(1.4)	-1.1	(1.3)	-9.4	(1.0)	
United States	OECD average	49.9	(0.1)	45.0	(0.3)	44.5	(0.3)	44.6	(0.2)	-5.5	(0.3)	-6.3	(0.3)	-0.0	(0.4)	-6.2	(0.2)
Partners	Albania	43.6	(0.5)	c	c	c	c	c	c	c	c	c	c	c	c	c	
Argentina	44.8	(0.7)	35.1	(1.6)	35.3	(2.2)	35.2	(1.4)	-9.7	(1.7)	-9.5	(2.3)	0.2	(2.5)	-9.7	(1.6)	
Azerbaijan	46.8	(0.5)	47.6	(2.5)	54.3	(3.0)	49.3	(2.1)	0.7	(2.5)	7.4	(3.1)	6.7	(4.1)	2.5	(2.1)	
Brazil	42.7	(0.4)	38.0	(2.6)	32.9	(4.2)	36.5	(2.5)	-4.7	(2.6)	-9.9	(4.1)	-5.1	(4.2)	-6.3	(2.5)	
Bulgaria	48.4	(0.6)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Colombia	41.7	(0.6)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Croatia	47.7	(0.4)	44.8	(1.0)	40.7	(1.1)	43.5	(0.8)	-2.9	(1.0)	-7.0	(1.1)	-4.1	(1.2)	-4.2	(0.9)	
Dubai (UAE)	62.7	(0.4)	61.1	(0.4)	64.3	(0.3)	63.1	(0.2)	-1.6	(0.6)	1.6	(0.5)	3.2	(0.5)	0.4	(0.5)	
Hong Kong-China	48.8	(0.6)	40.4	(0.4)	39.0	(0.6)	39.8	(0.4)	-8.5	(0.6)	-9.8	(0.8)	-1.3	(0.7)	-9.0	(0.6)	
Indonesia	37.1	(0.6)	m	m	c	c	c	c	m	m	c	c	m	m	c	c	
Jordan	48.1	(0.4)	49.8	(1.2)	52.7	(1.6)	50.5	(1.1)	1.7	(1.2)	4.6	(1.6)	2.9	(1.8)	2.4	(1.0)	
Kazakhstan	48.0	(0.5)	45.7	(1.2)	45.4	(1.7)	45.6	(1.1)	-2.3	(1.2)	-2.6	(1.6)	-0.4	(1.7)	-2.4	(1.1)	
Kyrgyzstan	47.4	(0.5)	44.3	(2.8)	c	c	45.3	(3.1)	-3.1	(2.7)	c	c	2.4	(4.4)	-2.1	(3.0)	
Latvia	47.5	(0.5)	46.4	(1.5)	c	c	47.0	(1.6)	-1.1	(1.5)	c	c	7.4	(6.0)	-0.5	(1.5)	
Liechtenstein	53.4	(1.0)	45.5	(2.9)	47.6	(2.4)	46.7	(1.9)	-7.9	(2.8)	-5.8	(2.5)	2.1	(3.7)	-6.7	(1.9)	
Lithuania	49.6	(0.4)	48.2	(2.5)	c	c	48.3	(2.4)	-1.5	(2.5)	c	c	1.3	(8.3)	-1.4	(2.4)	
Macao-China	48.3	(0.3)	42.6	(0.2)	44.6	(0.5)	43.0	(0.2)	-5.7	(0.4)	-3.6	(0.6)	2.0	(0.5)	-5.2	(0.4)	
Montenegro	47.3	(0.3)	52.8	(1.7)	48.0	(1.3)	49.8	(1.2)	5.5	(1.7)	0.7	(1.4)	-4.8	(1.8)	2.5	(1.2)	
Panama	46.5	(1.1)	51.7	(1.5)	42.1	(3.4)	45.9	(2.7)	5.3	(2.0)	-4.4	(3.5)	-9.6	(3.6)	-0.6	(3.0)	
Peru	40.8	(0.6)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Qatar	59.4	(0.2)	58.5	(0.4)	64.3	(0.3)	61.9	(0.2)	-0.9	(0.4)	5.0	(0.3)	5.9	(0.5)	2.6	(0.3)	
Romania	44.0	(0.6)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Russian Federation	50.4	(0.4)	47.4	(1.0)	47.3	(1.3)	47.4	(0.7)	-3.0	(1.0)	-3.1	(1.3)	-0.1	(1.7)	-3.0	(0.7)	
Serbia	48.3	(0.4)	47.5	(0.9)	44.6	(0.9)	46.2	(0.6)	-0.8	(0.9)	-3.7	(0.9)	-2.8	(1.3)	-2.1	(0.6)	
Shanghai-China	49.6	(0.4)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Singapore	53.6	(0.2)	54.4	(1.0)	59.3	(0.7)	57.7	(0.6)	0.8	(1.0)	5.7	(0.8)	4.9	(1.3)	4.0	(0.6)	
Chinese Taipei	47.2	(0.3)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Thailand	37.2	(0.5)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
Trinidad and Tobago	45.5	(0.3)	46.5	(2.4)	56.0	(2.7)	50.5	(1.9)	1.0	(2.4)	10.5	(2.8)	9.5	(3.3)	5.0	(1.9)	
Tunisia	37.0	(0.6)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	44.4	(0.4)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.2e Cultural possessions, by immigrant status
Results based on students' self-reports

	Cultural possessions															
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD																
Australia	-0.10	(0.02)	-0.13	(0.04)	-0.11	(0.03)	-0.12	(0.03)	-0.02	(0.04)	-0.00	(0.03)	0.02	(0.05)	-0.01	(0.03)
Austria	-0.12	(0.02)	-0.54	(0.04)	-0.39	(0.06)	-0.50	(0.03)	-0.43	(0.04)	-0.27	(0.07)	0.16	(0.07)	-0.38	(0.04)
Belgium	-0.24	(0.02)	-0.53	(0.05)	-0.45	(0.06)	-0.49	(0.04)	-0.29	(0.06)	-0.21	(0.06)	0.08	(0.06)	-0.25	(0.05)
Canada	-0.13	(0.01)	-0.11	(0.04)	-0.05	(0.03)	-0.09	(0.03)	0.02	(0.04)	0.07	(0.03)	0.06	(0.05)	0.04	(0.03)
Chile	0.01	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	-0.40	(0.02)	-0.68	(0.10)	-0.58	(0.13)	-0.64	(0.08)	-0.28	(0.11)	-0.18	(0.14)	0.10	(0.17)	-0.24	(0.09)
Denmark	-0.32	(0.03)	-0.92	(0.04)	-0.99	(0.07)	-0.94	(0.04)	-0.60	(0.05)	-0.67	(0.07)	-0.07	(0.08)	-0.62	(0.04)
Estonia	0.31	(0.02)	0.41	(0.04)	0.27	(0.15)	0.40	(0.04)	0.10	(0.04)	-0.05	(0.15)	-0.14	(0.15)	0.08	(0.04)
Finland	0.17	(0.02)	-0.06	(0.14)	-0.06	(0.14)	-0.06	(0.09)	-0.22	(0.14)	-0.23	(0.14)	-0.01	(0.21)	-0.23	(0.10)
France	-0.23	(0.03)	-0.42	(0.06)	-0.40	(0.10)	-0.41	(0.06)	-0.19	(0.07)	-0.17	(0.10)	0.02	(0.11)	-0.19	(0.06)
Germany	-0.04	(0.02)	-0.38	(0.04)	-0.32	(0.06)	-0.36	(0.03)	-0.34	(0.05)	-0.28	(0.06)	0.06	(0.07)	-0.32	(0.04)
Greece	0.44	(0.02)	0.16	(0.08)	-0.01	(0.07)	0.05	(0.06)	-0.28	(0.08)	-0.45	(0.08)	-0.17	(0.11)	-0.39	(0.06)
Hungary	0.22	(0.03)	0.37	(0.15)	0.32	(0.18)	0.34	(0.11)	0.14	(0.15)	0.09	(0.18)	-0.05	(0.26)	0.12	(0.12)
Iceland	0.40	(0.01)	c	c	-0.38	(0.11)	-0.38	(0.10)	c	c	-0.78	(0.11)	c	c	-0.78	(0.10)
Ireland	-0.43	(0.02)	-0.30	(0.13)	-0.37	(0.05)	-0.36	(0.05)	0.13	(0.13)	0.06	(0.05)	-0.07	(0.13)	0.07	(0.05)
Israel	-0.03	(0.02)	-0.24	(0.06)	-0.44	(0.07)	-0.31	(0.05)	-0.22	(0.05)	-0.41	(0.07)	-0.20	(0.08)	-0.29	(0.05)
Italy	-0.01	(0.01)	-0.38	(0.06)	-0.53	(0.04)	-0.49	(0.03)	-0.37	(0.06)	-0.52	(0.04)	-0.14	(0.08)	-0.48	(0.03)
Japan	-0.35	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	0.52	(0.02)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
Luxembourg	0.37	(0.02)	-0.13	(0.03)	-0.02	(0.04)	-0.09	(0.02)	-0.50	(0.04)	-0.39	(0.04)	0.11	(0.05)	-0.45	(0.03)
Mexico	-0.21	(0.01)	-0.31	(0.09)	-0.39	(0.06)	-0.36	(0.05)	-0.10	(0.09)	-0.19	(0.06)	-0.09	(0.10)	-0.16	(0.05)
Netherlands	-0.26	(0.03)	-0.70	(0.05)	-0.61	(0.09)	-0.67	(0.04)	-0.43	(0.05)	-0.35	(0.09)	0.09	(0.12)	-0.41	(0.04)
New Zealand	-0.34	(0.02)	-0.63	(0.06)	-0.37	(0.04)	-0.45	(0.03)	-0.28	(0.07)	-0.02	(0.05)	0.26	(0.08)	-0.10	(0.04)
Norway	0.25	(0.02)	-0.18	(0.08)	-0.34	(0.07)	-0.25	(0.05)	-0.43	(0.09)	-0.59	(0.07)	-0.16	(0.12)	-0.50	(0.06)
Poland	0.14	(0.02)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Portugal	0.18	(0.02)	0.15	(0.12)	-0.22	(0.08)	-0.03	(0.07)	-0.03	(0.12)	-0.40	(0.09)	-0.37	(0.13)	-0.21	(0.07)
Slovak Republic	0.41	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	0.33	(0.01)	-0.29	(0.06)	-0.37	(0.10)	-0.30	(0.05)	-0.61	(0.06)	-0.69	(0.09)	-0.08	(0.11)	-0.63	(0.05)
Spain	0.24	(0.02)	-0.21	(0.10)	-0.27	(0.03)	-0.26	(0.03)	-0.45	(0.09)	-0.51	(0.04)	-0.06	(0.10)	-0.50	(0.03)
Sweden	0.33	(0.02)	-0.13	(0.06)	-0.21	(0.09)	-0.16	(0.05)	-0.46	(0.06)	-0.53	(0.09)	-0.07	(0.11)	-0.48	(0.05)
Switzerland	-0.28	(0.02)	-0.45	(0.03)	-0.35	(0.08)	-0.41	(0.04)	-0.17	(0.03)	-0.07	(0.08)	0.10	(0.08)	-0.14	(0.04)
Turkey	0.52	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	-0.20	(0.02)	-0.17	(0.10)	-0.27	(0.05)	-0.21	(0.06)	0.04	(0.09)	-0.07	(0.05)	-0.10	(0.10)	-0.01	(0.06)
United States	-0.25	(0.03)	-0.48	(0.05)	-0.47	(0.06)	-0.48	(0.04)	-0.23	(0.05)	-0.22	(0.07)	0.01	(0.07)	-0.22	(0.05)
OECD average	0.03	(0.00)	-0.27	(0.02)	-0.30	(0.02)	-0.29	(0.01)	-0.24	(0.02)	-0.29	(0.02)	-0.03	(0.02)	-0.27	(0.01)
Partners																
Albania	0.12	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	0.03	(0.03)	-0.21	(0.09)	-0.17	(0.12)	-0.19	(0.08)	-0.24	(0.10)	-0.20	(0.12)	0.04	(0.15)	-0.22	(0.08)
Azerbaijan	-0.62	(0.02)	-0.73	(0.12)	-0.65	(0.10)	-0.71	(0.09)	-0.10	(0.12)	-0.03	(0.10)	0.07	(0.15)	-0.08	(0.09)
Brazil	-0.35	(0.01)	-0.46	(0.14)	-0.16	(0.21)	-0.36	(0.13)	-0.11	(0.14)	0.19	(0.21)	0.30	(0.24)	-0.01	(0.13)
Bulgaria	0.24	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	0.07	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Croatia	-0.36	(0.02)	-0.51	(0.06)	-0.76	(0.06)	-0.59	(0.05)	-0.15	(0.06)	-0.41	(0.07)	-0.25	(0.07)	-0.24	(0.05)
Dubai (UAE)	-0.19	(0.02)	-0.03	(0.03)	0.16	(0.02)	0.09	(0.02)	0.16	(0.04)	0.35	(0.03)	0.19	(0.03)	0.28	(0.03)
Hong Kong-China	0.02	(0.03)	-0.14	(0.03)	-0.32	(0.05)	-0.21	(0.03)	-0.16	(0.04)	-0.34	(0.06)	-0.18	(0.06)	-0.23	(0.04)
Indonesia	-0.10	(0.02)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Jordan	-0.45	(0.02)	-0.48	(0.05)	-0.33	(0.06)	-0.45	(0.04)	-0.03	(0.05)	0.12	(0.06)	0.15	(0.08)	0.00	(0.04)
Kazakhstan	0.55	(0.02)	0.51	(0.06)	0.51	(0.09)	0.51	(0.06)	-0.04	(0.05)	-0.05	(0.09)	-0.01	(0.08)	-0.04	(0.06)
Kyrgyzstan	0.29	(0.02)	0.28	(0.12)	-0.04	(0.22)	0.14	(0.13)	-0.01	(0.12)	-0.33	(0.22)	-0.32	(0.22)	-0.15	(0.13)
Latvia	-0.19	(0.02)	0.02	(0.09)	c	c	0.01	(0.08)	0.20	(0.09)	c	c	-0.08	(0.22)	0.20	(0.09)
Liechtenstein	0.04	(0.07)	-0.20	(0.15)	-0.04	(0.14)	-0.11	(0.10)	-0.24	(0.16)	-0.07	(0.16)	0.16	(0.20)	-0.14	(0.13)
Lithuania	0.01	(0.02)	-0.27	(0.15)	c	c	-0.30	(0.14)	-0.28	(0.15)	c	c	-0.33	(0.34)	-0.31	(0.14)
Macao-China	0.39	(0.02)	0.33	(0.02)	0.42	(0.03)	0.35	(0.01)	-0.06	(0.03)	0.03	(0.03)	0.09	(0.03)	-0.04	(0.02)
Montenegro	0.30	(0.02)	0.27	(0.11)	0.18	(0.08)	0.21	(0.07)	-0.04	(0.11)	-0.12	(0.09)	-0.09	(0.12)	-0.09	(0.08)
Panama	-0.01	(0.04)	-0.29	(0.10)	0.07	(0.13)	-0.06	(0.09)	-0.28	(0.10)	0.08	(0.13)	0.36	(0.17)	-0.06	(0.09)
Peru	0.12	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	-0.01	(0.01)	-0.13	(0.02)	-0.10	(0.02)	-0.11	(0.01)	-0.12	(0.03)	-0.08	(0.02)	0.04	(0.03)	-0.10	(0.02)
Romania	0.28	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	0.17	(0.02)	-0.07	(0.06)	0.06	(0.08)	-0.02	(0.05)	-0.23	(0.06)	-0.11	(0.09)	0.12	(0.09)	-0.18	(0.06)
Serbia	0.87	(0.02)	0.83	(0.06)	0.65	(0.07)	0.75	(0.05)	-0.04	(0.06)	-0.22	(0.07)	-0.18	(0.09)	-0.12	(0.05)
Shanghai-China	0.33	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	-0.46	(0.01)	-0.32	(0.07)	-0.17	(0.05)	-0.22	(0.04)	0.15	(0.07)	0.30	(0.06)	0.15	(0.08)	0.25	(0.05)
Chinese Taipei	-0.25	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	0.48	(0.02)	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	0.20	(0.01)	0.17	(0.10)	0.03	(0.10)	0.10	(0.08)	-0.03	(0.10)	-0.17	(0.11)	-0.14	(0.14)	-0.10	(0.08)
Tunisia	0.40	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	-0.04	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Home possessions, by immigrant status
Table B2.2f Results based on students' self-reports

	Home possessions															
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD																
Australia	0.62	(0.01)	0.57	(0.03)	0.47	(0.03)	0.52	(0.02)	-0.05	(0.03)	-0.16	(0.03)	-0.11	(0.04)	-0.10	(0.02)
Austria	0.18	(0.02)	-0.42	(0.03)	-0.64	(0.09)	-0.49	(0.04)	-0.60	(0.03)	-0.82	(0.09)	-0.22	(0.10)	-0.67	(0.04)
Belgium	0.18	(0.01)	-0.18	(0.04)	-0.23	(0.06)	-0.20	(0.04)	-0.35	(0.05)	-0.40	(0.06)	-0.05	(0.06)	-0.37	(0.04)
Canada	0.43	(0.01)	0.43	(0.04)	0.23	(0.04)	0.34	(0.03)	-0.01	(0.04)	-0.21	(0.04)	-0.20	(0.05)	-0.10	(0.03)
Chile	-0.71	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	-0.21	(0.01)	-0.45	(0.15)	-0.45	(0.13)	-0.45	(0.10)	-0.23	(0.14)	-0.23	(0.13)	-0.00	(0.20)	-0.23	(0.10)
Denmark	0.38	(0.02)	-0.29	(0.04)	-0.53	(0.07)	-0.37	(0.03)	-0.67	(0.04)	-0.90	(0.07)	-0.23	(0.08)	-0.75	(0.04)
Estonia	0.09	(0.02)	-0.05	(0.04)	-0.13	(0.19)	-0.06	(0.04)	-0.14	(0.04)	-0.22	(0.19)	-0.08	(0.20)	-0.15	(0.04)
Finland	0.12	(0.01)	-0.11	(0.11)	-0.33	(0.17)	-0.23	(0.10)	-0.23	(0.11)	-0.45	(0.17)	-0.22	(0.21)	-0.35	(0.11)
France	0.05	(0.02)	-0.24	(0.05)	-0.49	(0.14)	-0.30	(0.06)	-0.29	(0.05)	-0.54	(0.14)	-0.25	(0.14)	-0.35	(0.06)
Germany	0.25	(0.02)	-0.34	(0.03)	-0.44	(0.05)	-0.37	(0.03)	-0.59	(0.03)	-0.68	(0.05)	-0.10	(0.05)	-0.62	(0.03)
Greece	-0.10	(0.02)	-0.59	(0.09)	-0.85	(0.05)	-0.77	(0.05)	-0.49	(0.09)	-0.76	(0.05)	-0.27	(0.10)	-0.67	(0.05)
Hungary	-0.20	(0.03)	-0.18	(0.14)	-0.39	(0.12)	-0.30	(0.09)	0.02	(0.13)	-0.19	(0.12)	-0.21	(0.18)	-0.10	(0.09)
Iceland	0.55	(0.01)	c	c	-0.34	(0.15)	-0.28	(0.14)	c	c	-0.89	(0.15)	c	c	-0.83	(0.14)
Ireland	0.10	(0.02)	0.07	(0.14)	-0.10	(0.05)	-0.07	(0.05)	-0.03	(0.15)	-0.19	(0.05)	-0.17	(0.15)	-0.16	(0.05)
Israel	-0.23	(0.02)	-0.55	(0.05)	-0.82	(0.06)	-0.65	(0.05)	-0.32	(0.05)	-0.59	(0.06)	-0.27	(0.06)	-0.42	(0.04)
Italy	0.04	(0.01)	-0.61	(0.06)	-0.83	(0.05)	-0.78	(0.04)	-0.65	(0.07)	-0.87	(0.05)	-0.22	(0.08)	-0.82	(0.04)
Japan	-0.47	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	-0.60	(0.03)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
Luxembourg	0.72	(0.01)	0.19	(0.02)	0.06	(0.03)	0.14	(0.02)	-0.53	(0.03)	-0.66	(0.03)	-0.13	(0.04)	-0.58	(0.02)
Mexico	-1.61	(0.03)	-1.96	(0.13)	-2.21	(0.10)	-2.11	(0.08)	-0.35	(0.13)	-0.60	(0.09)	-0.25	(0.17)	-0.50	(0.07)
Netherlands	0.39	(0.02)	-0.16	(0.04)	-0.18	(0.09)	-0.17	(0.04)	-0.55	(0.04)	-0.57	(0.08)	-0.02	(0.08)	-0.55	(0.04)
New Zealand	0.18	(0.02)	-0.12	(0.06)	0.07	(0.03)	0.01	(0.03)	-0.29	(0.06)	-0.11	(0.04)	0.18	(0.07)	-0.17	(0.03)
Norway	0.59	(0.02)	0.15	(0.10)	-0.26	(0.08)	-0.04	(0.06)	-0.44	(0.10)	-0.85	(0.08)	-0.41	(0.12)	-0.63	(0.07)
Poland	0.00	(0.02)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Portugal	0.47	(0.02)	0.05	(0.09)	-0.16	(0.08)	-0.05	(0.07)	-0.41	(0.09)	-0.62	(0.08)	-0.21	(0.09)	-0.52	(0.07)
Slovak Republic	0.04	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	0.31	(0.02)	-0.22	(0.06)	-0.43	(0.08)	-0.25	(0.05)	-0.52	(0.06)	-0.74	(0.09)	-0.22	(0.11)	-0.56	(0.05)
Spain	-0.05	(0.02)	-0.44	(0.07)	-0.77	(0.04)	-0.74	(0.03)	-0.39	(0.06)	-0.73	(0.04)	-0.34	(0.07)	-0.69	(0.04)
Sweden	0.52	(0.02)	0.02	(0.04)	-0.35	(0.10)	-0.10	(0.04)	-0.50	(0.04)	-0.87	(0.10)	-0.37	(0.11)	-0.61	(0.04)
Switzerland	-0.06	(0.01)	-0.36	(0.03)	-0.43	(0.06)	-0.39	(0.03)	-0.30	(0.02)	-0.37	(0.06)	-0.07	(0.06)	-0.33	(0.03)
Turkey	-0.73	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	0.21	(0.02)	0.08	(0.09)	-0.31	(0.05)	-0.09	(0.06)	-0.13	(0.09)	-0.52	(0.05)	-0.39	(0.10)	-0.31	(0.06)
United States	0.20	(0.04)	-0.17	(0.06)	-0.28	(0.07)	-0.21	(0.06)	-0.37	(0.06)	-0.49	(0.07)	-0.11	(0.07)	-0.41	(0.06)
OECD average	0.05	(0.00)	-0.22	(0.01)	-0.40	(0.02)	-0.30	(0.01)	-0.35	(0.01)	-0.54	(0.02)	-0.18	(0.02)	-0.45	(0.01)
Partners																
Albania	-1.62	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	-0.91	(0.04)	-1.25	(0.09)	-1.12	(0.12)	-1.20	(0.08)	-0.35	(0.09)	-0.21	(0.13)	0.14	(0.14)	-0.29	(0.08)
Azerbaijan	-1.66	(0.04)	-1.83	(0.31)	-1.24	(0.16)	-1.68	(0.25)	-0.16	(0.31)	0.42	(0.16)	0.58	(0.35)	-0.02	(0.25)
Brazil	-1.36	(0.02)	-1.39	(0.13)	-1.78	(0.18)	-1.53	(0.12)	-0.03	(0.13)	-0.42	(0.18)	-0.39	(0.22)	-0.17	(0.12)
Bulgaria	-0.39	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	-1.45	(0.05)	c	c	c	c	-2.23	(0.29)	c	c	c	c	c	c	-0.78	(0.28)
Croatia	-0.37	(0.02)	-0.45	(0.07)	-0.66	(0.06)	-0.52	(0.05)	-0.08	(0.07)	-0.28	(0.06)	-0.21	(0.08)	-0.14	(0.05)
Dubai (UAE)	0.06	(0.02)	-0.46	(0.03)	-0.19	(0.02)	-0.29	(0.01)	-0.52	(0.04)	-0.25	(0.03)	0.27	(0.04)	-0.35	(0.03)
Hong Kong-China	-0.66	(0.04)	-1.05	(0.03)	-1.49	(0.05)	-1.22	(0.03)	-0.39	(0.04)	-0.83	(0.06)	-0.44	(0.06)	-0.56	(0.04)
Indonesia	-1.88	(0.05)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Jordan	-1.28	(0.03)	-1.10	(0.06)	-0.84	(0.10)	-1.04	(0.06)	0.18	(0.06)	0.44	(0.09)	0.27	(0.09)	0.24	(0.06)
Kazakhstan	-1.50	(0.05)	-1.44	(0.11)	-1.83	(0.13)	-1.58	(0.11)	0.06	(0.11)	-0.33	(0.13)	-0.39	(0.13)	-0.09	(0.11)
Kyrgyzstan	-1.47	(0.03)	-0.89	(0.24)	-1.47	(0.28)	-1.14	(0.22)	0.58	(0.23)	-0.00	(0.28)	-0.58	(0.31)	0.33	(0.22)
Latvia	-0.37	(0.03)	-0.28	(0.11)	c	c	-0.27	(0.11)	0.09	(0.11)	c	c	0.10	(0.36)	0.10	(0.11)
Liechtenstein	0.23	(0.05)	-0.07	(0.09)	-0.16	(0.09)	-0.12	(0.06)	-0.31	(0.10)	-0.39	(0.11)	-0.09	(0.13)	-0.35	(0.08)
Lithuania	-0.20	(0.02)	-0.36	(0.12)	c	c	-0.36	(0.11)	-0.16	(0.12)	c	c	0.06	(0.17)	-0.16	(0.10)
Macao-China	-0.08	(0.02)	-0.41	(0.01)	-0.51	(0.03)	-0.43	(0.01)	-0.33	(0.03)	-0.42	(0.04)	-0.10	(0.03)	-0.35	(0.03)
Montenegro	-0.28	(0.02)	0.01	(0.10)	-0.51	(0.09)	-0.31	(0.07)	0.29	(0.10)	-0.23	(0.09)	-0.52	(0.13)	-0.03	(0.07)
Panama	-1.61	(0.08)	-1.02	(0.16)	-1.96	(0.27)	-1.62	(0.23)	0.59	(0.16)	-0.34	(0.27)	-0.93	(0.32)	-0.01	(0.23)
Peru	-2.09	(0.05)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	0.57	(0.02)	0.01	(0.02)	0.04	(0.02)	0.03	(0.01)	-0.56	(0.03)	-0.53	(0.02)	0.03	(0.03)	-0.55	(0.02)
Romania	-0.48	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	-0.57	(0.03)	-0.69	(0.07)	-0.60	(0.06)	-0.65	(0.06)	-0.13	(0.07)	-0.04	(0.06)	0.09	(0.07)	-0.09	(0.06)
Serbia	0.28	(0.02)	0.18	(0.07)	-0.05	(0.08)	0.08	(0.06)	-0.09	(0.07)	-0.33	(0.08)	-0.23	(0.10)	-0.20	(0.06)
Shanghai-China	-1.01	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	-0.56	(0.01)	-0.47	(0.07)	-0.55	(0.04)	-0.52	(0.04)	0.10	(0.07)	0.01	(0.04)	-0.09	(0.08)	0.04	(0.04)
Chinese Taipei	-0.49	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	-1.20	(0.03)	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	-0.91	(0.01)	-0.59	(0.15)	-0.75	(0.16)	-0.66	(0.10)	0.32	(0.15)	0.16	(0.16)	-0.16	(0.23)	0.25	(0.10)
Tunisia	-1.24	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	-0.61	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Home educational resources, by immigrant status
Table B2.2g Results based on students' self-reports

	Home educational resources															
	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD																
Australia	-0.08	(0.01)	0.01	(0.03)	-0.03	(0.04)	-0.01	(0.03)	0.09	(0.03)	0.04	(0.04)	-0.04	(0.04)	0.07	(0.03)
Austria	-0.09	(0.02)	-0.39	(0.05)	-0.59	(0.10)	-0.45	(0.06)	-0.30	(0.05)	-0.50	(0.10)	-0.20	(0.10)	-0.36	(0.06)
Belgium	0.09	(0.01)	-0.13	(0.04)	-0.27	(0.06)	-0.19	(0.04)	-0.22	(0.05)	-0.36	(0.06)	-0.14	(0.07)	-0.29	(0.04)
Canada	0.06	(0.01)	0.20	(0.03)	0.23	(0.03)	0.22	(0.03)	0.14	(0.03)	0.17	(0.03)	0.03	(0.04)	0.16	(0.03)
Chile	-0.17	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	0.09	(0.01)	-0.23	(0.19)	0.00	(0.15)	-0.15	(0.13)	-0.32	(0.19)	-0.09	(0.15)	0.23	(0.25)	-0.24	(0.13)
Denmark	0.16	(0.02)	0.09	(0.03)	-0.18	(0.06)	0.00	(0.03)	-0.07	(0.03)	-0.34	(0.06)	-0.27	(0.07)	-0.16	(0.03)
Estonia	0.30	(0.01)	0.26	(0.04)	0.16	(0.14)	0.26	(0.04)	-0.03	(0.04)	-0.14	(0.14)	-0.11	(0.16)	-0.04	(0.04)
Finland	-0.31	(0.01)	-0.25	(0.10)	-0.21	(0.17)	-0.23	(0.11)	0.06	(0.10)	0.10	(0.17)	0.05	(0.19)	0.08	(0.10)
France	-0.29	(0.02)	-0.37	(0.06)	-0.42	(0.16)	-0.38	(0.05)	-0.08	(0.06)	-0.13	(0.16)	-0.05	(0.18)	-0.09	(0.06)
Germany	0.22	(0.02)	-0.04	(0.05)	-0.19	(0.07)	-0.09	(0.04)	-0.26	(0.05)	-0.42	(0.07)	-0.16	(0.08)	-0.31	(0.04)
Greece	0.20	(0.03)	-0.16	(0.11)	-0.25	(0.07)	-0.22	(0.08)	-0.35	(0.11)	-0.44	(0.08)	-0.09	(0.10)	-0.41	(0.08)
Hungary	0.04	(0.03)	0.01	(0.16)	-0.17	(0.16)	-0.09	(0.12)	-0.03	(0.16)	-0.21	(0.17)	-0.18	(0.23)	-0.13	(0.12)
Iceland	0.32	(0.01)	c	c	-0.18	(0.14)	-0.21	(0.13)	c	c	-0.51	(0.15)	c	c	-0.53	(0.14)
Ireland	-0.36	(0.02)	-0.35	(0.11)	-0.37	(0.06)	-0.37	(0.05)	0.00	(0.12)	-0.01	(0.06)	-0.01	(0.12)	-0.01	(0.05)
Israel	-1.05	(0.02)	-1.25	(0.05)	-1.35	(0.05)	-1.29	(0.04)	-0.20	(0.05)	-0.30	(0.05)	-0.10	(0.06)	-0.24	(0.04)
Italy	0.10	(0.01)	-0.28	(0.07)	-0.40	(0.05)	-0.37	(0.04)	-0.38	(0.07)	-0.50	(0.05)	-0.12	(0.09)	-0.47	(0.04)
Japan	-0.46	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	-0.14	(0.02)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
Luxembourg	0.27	(0.01)	0.07	(0.03)	-0.04	(0.04)	0.03	(0.02)	-0.20	(0.04)	-0.31	(0.04)	-0.11	(0.05)	-0.25	(0.03)
Mexico	-0.95	(0.02)	-1.38	(0.12)	-1.43	(0.07)	-1.41	(0.06)	-0.44	(0.12)	-0.49	(0.07)	-0.05	(0.15)	-0.47	(0.06)
Netherlands	0.07	(0.02)	-0.12	(0.05)	-0.19	(0.09)	-0.14	(0.05)	-0.20	(0.06)	-0.27	(0.09)	-0.07	(0.10)	-0.21	(0.05)
New Zealand	-0.31	(0.02)	-0.37	(0.05)	-0.19	(0.03)	-0.25	(0.03)	-0.06	(0.05)	0.12	(0.03)	0.18	(0.06)	0.06	(0.03)
Norway	0.33	(0.01)	0.34	(0.08)	-0.10	(0.09)	0.14	(0.06)	0.01	(0.08)	-0.43	(0.08)	-0.44	(0.11)	-0.20	(0.06)
Poland	0.49	(0.01)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
Portugal	0.20	(0.02)	0.00	(0.12)	-0.14	(0.08)	-0.07	(0.08)	-0.20	(0.12)	-0.34	(0.09)	-0.14	(0.13)	-0.27	(0.08)
Slovak Republic	1.12	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	0.55	(0.01)	0.40	(0.05)	0.32	(0.10)	0.39	(0.04)	-0.15	(0.05)	-0.23	(0.10)	-0.08	(0.11)	-0.17	(0.04)
Spain	-0.09	(0.01)	-0.35	(0.11)	-0.57	(0.04)	-0.54	(0.04)	-0.26	(0.11)	-0.48	(0.04)	-0.22	(0.11)	-0.45	(0.04)
Sweden	0.10	(0.02)	-0.04	(0.05)	-0.21	(0.08)	-0.10	(0.04)	-0.15	(0.05)	-0.31	(0.07)	-0.16	(0.08)	-0.20	(0.04)
Switzerland	0.05	(0.02)	-0.12	(0.03)	-0.22	(0.04)	-0.15	(0.02)	-0.17	(0.03)	-0.27	(0.04)	-0.10	(0.05)	-0.21	(0.02)
Turkey	0.48	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	-0.08	(0.02)	0.16	(0.05)	-0.04	(0.05)	0.07	(0.04)	0.24	(0.05)	0.04	(0.06)	-0.21	(0.08)	0.15	(0.04)
United States	-0.23	(0.03)	-0.34	(0.06)	-0.31	(0.07)	-0.33	(0.05)	-0.11	(0.06)	-0.08	(0.07)	0.03	(0.07)	-0.10	(0.05)
OECD average	0.02	(0.00)	-0.17	(0.02)	-0.26	(0.02)	-0.21	(0.01)	-0.13	(0.02)	-0.24	(0.02)	-0.09	(0.02)	-0.19	(0.01)
Partners																
Albania	-0.76	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	-0.39	(0.03)	-0.59	(0.10)	-0.48	(0.17)	-0.55	(0.10)	-0.20	(0.10)	-0.09	(0.17)	0.11	(0.17)	-0.15	(0.10)
Azerbaijan	-0.61	(0.03)	-0.81	(0.22)	-0.13	(0.14)	-0.64	(0.19)	-0.20	(0.22)	0.48	(0.15)	0.68	(0.27)	-0.03	(0.19)
Brazil	-0.58	(0.02)	-0.87	(0.09)	-0.66	(0.14)	-0.80	(0.07)	-0.29	(0.09)	-0.07	(0.13)	0.22	(0.16)	-0.22	(0.08)
Bulgaria	-0.06	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	-0.52	(0.04)	c	c	c	c	-0.95	(0.22)	c	c	c	c	c	c	-0.43	(0.22)
Croatia	0.12	(0.02)	0.11	(0.05)	-0.14	(0.07)	0.03	(0.04)	-0.00	(0.05)	-0.26	(0.07)	-0.25	(0.09)	-0.09	(0.04)
Dubai (UAE)	-0.26	(0.02)	-0.03	(0.02)	0.16	(0.02)	0.09	(0.01)	0.24	(0.03)	0.42	(0.03)	0.18	(0.03)	0.35	(0.02)
Hong Kong-China	-0.03	(0.03)	-0.12	(0.03)	-0.45	(0.04)	-0.25	(0.02)	-0.09	(0.04)	-0.42	(0.06)	-0.33	(0.05)	-0.22	(0.04)
Indonesia	-1.07	(0.04)	m	m	c	c	c	c	m	m	c	m	m	c	c	c
Jordan	-0.52	(0.03)	-0.44	(0.07)	-0.30	(0.10)	-0.41	(0.06)	0.09	(0.06)	0.23	(0.09)	0.14	(0.10)	0.12	(0.06)
Kazakhstan	-0.43	(0.04)	-0.32	(0.09)	-0.71	(0.12)	-0.47	(0.10)	0.10	(0.09)	-0.28	(0.12)	-0.38	(0.11)	-0.04	(0.09)
Kyrgyzstan	-0.98	(0.03)	-0.44	(0.33)	-0.97	(0.30)	-0.66	(0.25)	0.54	(0.32)	0.01	(0.30)	-0.53	(0.41)	0.31	(0.25)
Latvia	0.29	(0.02)	0.29	(0.10)	c	c	0.30	(0.09)	0.01	(0.10)	c	c	0.10	(0.16)	0.01	(0.09)
Liechtenstein	-0.01	(0.06)	-0.30	(0.11)	-0.36	(0.15)	-0.34	(0.10)	-0.29	(0.13)	-0.35	(0.16)	-0.06	(0.18)	-0.33	(0.12)
Lithuania	0.21	(0.02)	0.01	(0.11)	c	c	0.04	(0.10)	-0.20	(0.11)	c	c	0.28	(0.30)	-0.17	(0.10)
Macao-China	0.24	(0.02)	0.14	(0.02)	0.15	(0.03)	0.14	(0.02)	-0.10	(0.03)	-0.09	(0.03)	0.01	(0.03)	-0.10	(0.02)
Montenegro	0.02	(0.02)	0.09	(0.11)	-0.13	(0.10)	-0.05	(0.07)	0.06	(0.12)	-0.16	(0.10)	-0.22	(0.14)	-0.07	(0.08)
Panama	-0.66	(0.06)	-0.43	(0.10)	-0.85	(0.19)	-0.70	(0.15)	0.23	(0.11)	-0.19	(0.20)	-0.42	(0.21)	-0.04	(0.16)
Peru	-0.73	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	-0.13	(0.01)	-0.02	(0.02)	0.20	(0.02)	0.11	(0.01)	0.12	(0.03)	0.33	(0.02)	0.22	(0.03)	0.24	(0.02)
Romania	0.40	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	0.33	(0.02)	0.10	(0.15)	0.29	(0.08)	0.18	(0.11)	-0.23	(0.14)	-0.04	(0.08)	0.19	(0.12)	-0.15	(0.11)
Serbia	1.48	(0.02)	1.56	(0.08)	1.41	(0.07)	1.49	(0.06)	0.08	(0.08)	-0.07	(0.07)	-0.15	(0.10)	0.01	(0.05)
Shanghai-China	-0.19	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	-0.05	(0.01)	0.04	(0.06)	0.11	(0.04)	0.09	(0.03)	0.09	(0.06)	0.17	(0.04)	0.07	(0.07)	0.14	(0.03)
Chinese Taipei	-0.03	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	-0.31	(0.03)	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	-0.30	(0.01)	-0.19	(0.12)	-0.36	(0.12)	-0.27	(0.08)	0.11	(0.12)	-0.06	(0.12)	-0.17	(0.16)	0.03	(0.09)
Tunisia	0.09	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	0.44	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Wealth, by immigrant status
Table B2.2h Results based on students' self-reports

		Wealth index															
		Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)	
		Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	0.77	(0.01)	0.69	(0.03)	0.59	(0.03)	0.64	(0.03)	-0.07	(0.03)	-0.18	(0.03)	-0.11	(0.04)	-0.13	(0.02)
	Austria	0.21	(0.02)	-0.26	(0.04)	-0.55	(0.08)	-0.35	(0.03)	-0.47	(0.04)	-0.75	(0.08)	-0.28	(0.09)	-0.56	(0.04)
	Belgium	-0.06	(0.01)	-0.35	(0.05)	-0.40	(0.07)	-0.38	(0.04)	-0.29	(0.05)	-0.34	(0.07)	-0.05	(0.07)	-0.31	(0.05)
	Canada	0.52	(0.01)	0.51	(0.04)	0.21	(0.04)	0.38	(0.04)	-0.01	(0.04)	-0.31	(0.04)	-0.29	(0.04)	-0.14	(0.03)
	Chile	-0.67	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	-0.22	(0.01)	-0.30	(0.11)	-0.32	(0.12)	-0.31	(0.08)	-0.09	(0.11)	-0.10	(0.12)	-0.02	(0.17)	-0.09	(0.08)
	Denmark	0.41	(0.02)	-0.37	(0.04)	-0.56	(0.09)	-0.43	(0.04)	-0.78	(0.05)	-0.97	(0.09)	-0.19	(0.10)	-0.84	(0.04)
	Estonia	-0.01	(0.02)	-0.23	(0.07)	-0.25	(0.18)	-0.23	(0.06)	-0.22	(0.07)	-0.23	(0.18)	-0.02	(0.19)	-0.22	(0.06)
	Finland	0.23	(0.02)	0.03	(0.12)	-0.16	(0.13)	-0.07	(0.09)	-0.19	(0.12)	-0.38	(0.13)	-0.19	(0.18)	-0.30	(0.09)
	France	0.12	(0.02)	-0.09	(0.04)	-0.39	(0.12)	-0.17	(0.06)	-0.21	(0.04)	-0.51	(0.12)	-0.30	(0.11)	-0.28	(0.05)
	Germany	0.21	(0.02)	-0.28	(0.03)	-0.37	(0.05)	-0.31	(0.03)	-0.49	(0.04)	-0.58	(0.05)	-0.08	(0.06)	-0.52	(0.03)
	Greece	-0.25	(0.02)	-0.69	(0.07)	-0.90	(0.05)	-0.83	(0.04)	-0.44	(0.07)	-0.65	(0.05)	-0.21	(0.09)	-0.58	(0.04)
	Hungary	-0.35	(0.02)	-0.37	(0.12)	-0.46	(0.11)	-0.43	(0.08)	-0.02	(0.11)	-0.11	(0.11)	-0.09	(0.16)	-0.07	(0.08)
	Iceland	0.56	(0.01)	c	c	-0.03	(0.15)	0.05	(0.14)	c	c	-0.59	(0.15)	c	c	-0.51	(0.14)
	Ireland	0.29	(0.02)	0.20	(0.14)	0.04	(0.05)	0.07	(0.05)	-0.09	(0.14)	-0.25	(0.05)	-0.16	(0.15)	-0.23	(0.05)
	Israel	-0.20	(0.03)	-0.49	(0.05)	-0.74	(0.06)	-0.58	(0.04)	-0.29	(0.05)	-0.54	(0.06)	-0.25	(0.06)	-0.38	(0.04)
	Italy	0.12	(0.01)	-0.41	(0.06)	-0.56	(0.04)	-0.53	(0.04)	-0.53	(0.06)	-0.68	(0.04)	-0.15	(0.07)	-0.64	(0.04)
	Japan	-0.48	(0.01)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea		(0.02)	c	c	m	m	c	c	c	c	m	m	c	c	c	c
	Luxembourg	0.59	(0.02)	0.25	(0.02)	0.05	(0.03)	0.17	(0.02)	-0.34	(0.03)	-0.53	(0.03)	-0.20	(0.04)	-0.42	(0.02)
	Mexico	-1.59	(0.03)	-1.89	(0.13)	-2.16	(0.11)	-2.05	(0.08)	-0.30	(0.13)	-0.56	(0.11)	-0.26	(0.18)	-0.46	(0.08)
	Netherlands	0.50	(0.02)	0.02	(0.05)	-0.05	(0.08)	0.00	(0.05)	-0.49	(0.05)	-0.55	(0.08)	-0.06	(0.08)	-0.50	(0.04)
	New Zealand	0.27	(0.02)	0.03	(0.06)	0.10	(0.03)	0.08	(0.03)	-0.24	(0.06)	-0.16	(0.03)	0.08	(0.07)	-0.19	(0.03)
	Norway	0.67	(0.01)	0.33	(0.09)	-0.02	(0.09)	0.17	(0.07)	-0.34	(0.10)	-0.69	(0.09)	-0.35	(0.12)	-0.50	(0.07)
	Poland	-0.18	(0.02)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
	Portugal	0.52	(0.02)	0.07	(0.06)	-0.03	(0.07)	0.02	(0.05)	-0.45	(0.06)	-0.55	(0.07)	-0.10	(0.08)	-0.50	(0.05)
	Slovak Republic	0.13	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	0.27	(0.02)	0.01	(0.05)	-0.16	(0.08)	-0.02	(0.04)	-0.26	(0.05)	-0.43	(0.08)	-0.17	(0.10)	-0.29	(0.05)
	Spain	-0.16	(0.01)	-0.38	(0.06)	-0.67	(0.04)	-0.64	(0.04)	-0.22	(0.06)	-0.51	(0.04)	-0.29	(0.07)	-0.48	(0.04)
	Sweden	0.54	(0.02)	0.16	(0.05)	-0.27	(0.09)	0.02	(0.04)	-0.38	(0.04)	-0.81	(0.09)	-0.44	(0.10)	-0.52	(0.04)
	Switzerland	-0.12	(0.01)	-0.33	(0.03)	-0.42	(0.05)	-0.36	(0.03)	-0.21	(0.03)	-0.30	(0.05)	-0.09	(0.05)	-0.24	(0.03)
	Turkey	-1.02	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	0.30	(0.01)	0.09	(0.09)	-0.34	(0.05)	-0.11	(0.05)	-0.22	(0.08)	-0.64	(0.05)	-0.42	(0.10)	-0.41	(0.05)
United States	0.50	(0.04)	0.20	(0.05)	0.04	(0.06)	0.15	(0.05)	-0.30	(0.05)	-0.46	(0.06)	-0.16	(0.06)	-0.35	(0.05)	
OECD average	0.04	(0.00)	-0.14	(0.01)	-0.31	(0.02)	-0.22	(0.01)	-0.29	(0.01)	-0.48	(0.02)	-0.18	(0.02)	-0.38	(0.01)	
Partners	Albania	-1.67	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	-0.94	(0.04)	-1.23	(0.08)	-1.12	(0.13)	-1.19	(0.07)	-0.29	(0.08)	-0.17	(0.13)	0.12	(0.15)	-0.24	(0.07)
	Azerbaijan	-1.58	(0.03)	-1.69	(0.32)	-1.13	(0.16)	-1.55	(0.25)	-0.11	(0.32)	0.46	(0.16)	0.57	(0.36)	0.03	(0.25)
	Brazil	-1.25	(0.02)	-1.17	(0.14)	-1.71	(0.18)	-1.35	(0.14)	0.08	(0.14)	-0.46	(0.18)	-0.54	(0.20)	-0.11	(0.14)
	Bulgaria	-0.34	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Colombia	-1.44	(0.05)	c	c	c	c	-2.16	(0.25)	c	c	c	c	c	c	-0.71	(0.25)
	Croatia	-0.42	(0.02)	-0.43	(0.06)	-0.47	(0.06)	-0.44	(0.05)	-0.01	(0.06)	-0.05	(0.06)	-0.04	(0.08)	-0.03	(0.05)
	Dubai (UAE)	0.40	(0.02)	-0.45	(0.03)	-0.25	(0.02)	-0.32	(0.01)	-0.85	(0.03)	-0.64	(0.03)	0.21	(0.03)	-0.72	(0.02)
	Hong Kong-China	-0.85	(0.03)	-1.24	(0.02)	-1.57	(0.04)	-1.37	(0.03)	-0.38	(0.03)	-0.72	(0.05)	-0.33	(0.04)	-0.51	(0.03)
	Indonesia	-1.79	(0.06)	m	m	c	c	c	c	m	m	c	c	m	m	c	c
	Jordan	-1.25	(0.03)	-1.06	(0.05)	-0.80	(0.09)		(0.05)	0.18	(0.05)	0.44	(0.09)	0.26	(0.09)	0.25	(0.05)
	Kazakhstan	-1.76	(0.04)	-1.70	(0.10)	-2.01	(0.09)	-1.82	(0.08)	0.05	(0.10)	-0.25	(0.09)	-0.31	(0.12)	-0.06	(0.08)
	Kyrgyzstan	-1.34	(0.02)	-0.85	(0.17)	-1.27	(0.23)	-1.03	(0.17)	0.50	(0.17)	0.07	(0.23)	-0.43	(0.25)	0.32	(0.17)
	Latvia	-0.50	(0.02)	-0.45	(0.10)	c	c	-0.45	(0.10)	0.05	(0.10)	c	c	0.07	(0.34)	0.06	(0.10)
	Liechtenstein	0.23	(0.05)	0.05	(0.12)	-0.17	(0.08)	-0.07	(0.07)	-0.18	(0.12)	-0.40	(0.09)	-0.22	(0.14)	-0.30	(0.08)
	Lithuania	-0.23	(0.02)	-0.28	(0.08)	c	c	-0.27	(0.08)	-0.04	(0.08)	c	c	0.11	(0.21)	-0.03	(0.08)
	Macao-China	-0.28	(0.02)	-0.64	(0.01)	-0.81	(0.02)	-0.68	(0.01)	-0.36	(0.03)	-0.54	(0.03)	-0.17	(0.03)	-0.40	(0.03)
	Montenegro	-0.28	(0.02)	0.04	(0.11)	-0.44	(0.09)	-0.25	(0.08)	0.31	(0.12)	-0.16	(0.09)	-0.47	(0.15)	0.02	(0.08)
	Panama	-1.73	(0.08)	-0.98	(0.18)	-2.22	(0.32)	-1.78	(0.28)	0.75	(0.17)	-0.49	(0.30)	-1.24	(0.37)	-0.05	(0.27)
	Peru	-2.26	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Qatar	1.02	(0.01)	0.22	(0.02)	0.18	(0.02)	0.20	(0.01)	-0.80	(0.02)	-0.84	(0.02)	-0.04	(0.03)	-0.82	(0.02)
	Romania	-0.54	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Russian Federation	-0.79	(0.02)	-0.80	(0.05)	-0.74	(0.05)	-0.78	(0.04)	-0.00	(0.05)	0.05	(0.05)	0.05	(0.07)	0.02	(0.04)
	Serbia	-0.10	(0.02)	-0.23	(0.06)	-0.37	(0.07)	-0.29	(0.05)	-0.13	(0.06)	-0.28	(0.07)	-0.15	(0.09)	-0.20	(0.05)
	Shanghai-China	-1.26	(0.03)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Singapore	-0.73	(0.01)	-0.69	(0.06)	-0.86	(0.04)	-0.80	(0.03)	0.03	(0.06)	-0.13	(0.04)	-0.17	(0.07)	-0.08	(0.04)
	Chinese Taipei	-0.58	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Thailand	-1.29	(0.03)	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Trinidad and Tobago	-1.12	(0.01)	-0.82	(0.12)	-0.89	(0.15)	-0.85	(0.09)	0.29	(0.12)	0.23	(0.15)	-0.06	(0.21)	0.27	(0.09)
	Tunisia	-1.66	(0.04)	c	c	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	-0.66	(0.02)	c	c	c	c	c	c	c	c	c	c	c	c	c		

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.2i Low maternal education, by immigrant status
Results based on students' self-reports

		Proportion of students whose mother has educational attainment of lower secondary education at best																
		Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		Difference between non-immigrant students and second-generation students		Difference between non-immigrant students and first-generation students		Difference between second- and first-generation students		Difference between non-immigrant students and immigrant students (first- and second-generation)		
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	
OECD	Australia	4.77	(0.29)	10.02	(1.2)	5.95	(1.1)	8.06	(1.0)	-5.25	(-1.2)	-1.18	(1.1)	4.07	(1.1)	-3.29	(1.0)	
	Austria	5.36	(0.43)	31.73	(2.4)	34.10	(3.4)	32.48	(1.9)	-26.37	(-2.3)	-28.74	(3.4)	-2.37	(4.3)	-27.12	(1.9)	
	Belgium	7.12	(0.37)	33.23	(2.9)	21.99	(2.4)	27.93	(2.0)	-26.11	(-3.0)	-14.87	(2.5)	11.24	(3.6)	-20.81	(2.1)	
	Canada	5.39	(0.26)	12.53	(1.4)	7.80	(1.1)	10.44	(1.0)	-7.14	(-1.4)	-2.41	(1.1)	4.72	(1.6)	-5.05	(1.0)	
	Chile	34.00	(1.36)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	3.09	(0.30)	14.61	(6.9)	10.04	(5.6)	12.90	(4.5)	-11.51	(-6.8)	-6.94	(5.6)	4.57	(9.5)	-9.81	(4.4)	
	Denmark	9.82	(0.67)	41.09	(2.2)	30.84	(3.4)	37.80	(2.0)	-31.26	(-2.2)	-21.02	(3.5)	10.25	(3.7)	-27.98	(2.1)	
	Estonia	5.08	(0.34)	5.87	(1.8)	6.05	(3.8)	5.88	(1.6)	-0.79	(-1.7)	-0.97	(3.9)	-0.18	(4.4)	-0.80	(1.6)	
	Finland	8.12	(0.41)	17.05	(5.5)	23.88	(6.2)	20.83	(4.6)	-8.94	(-5.4)	-15.76	(6.1)	-6.83	(7.5)	-12.72	(4.5)	
	France	15.00	(0.73)	49.37	(2.2)	42.54	(5.8)	47.67	(2.3)	-34.37	(-2.2)	-27.55	(5.7)	6.83	(6.0)	-32.67	(2.2)	
	Germany	16.13	(0.91)	38.81	(2.6)	32.61	(3.8)	36.61	(2.3)	-22.68	(-2.8)	-16.48	(4.1)	6.20	(4.3)	-20.48	(2.6)	
	Greece	21.79	(1.13)	9.57	(2.3)	23.35	(3.4)	18.77	(2.4)	12.22	(-2.7)	-1.56	(3.7)	-13.78	(4.0)	3.02	(2.8)	
	Hungary	16.00	(1.01)	9.29	(5.5)	12.52	(5.6)	11.14	(4.0)	6.70	(-5.3)	3.48	(5.6)	-3.23	(7.7)	4.85	(4.0)	
	Iceland	23.28	(0.74)	c	c	25.29	(6.6)	23.26	(6.0)	c	c	-2.01	(6.6)	c	c	0.02	(6.1)	
	Ireland	17.62	(0.93)	23.78	(5.9)	9.91	(1.9)	12.32	(2.1)	-6.16	(-5.9)	7.71	(2.3)	13.87	(5.7)	5.30	(2.5)	
	Israel	10.93	(0.61)	13.84	(2.1)	10.33	(2.2)	12.61	(1.7)	-2.91	(-2.1)	0.60	(2.3)	3.51	(2.7)	-1.68	(1.7)	
	Italy	35.47	(0.52)	39.54	(3.4)	30.82	(2.2)	32.97	(2.0)	-4.07	(-3.3)	4.65	(2.3)	8.72	(3.7)	2.50	(2.0)	
	Japan	3.20	(0.21)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	10.86	(0.65)	c	c	m	m	c	c	c	c	m	m	c	c	c	c	c
	Luxembourg	17.26	(0.75)	52.92	(1.6)	41.31	(1.8)	48.27	(1.2)	-35.66	(-1.7)	-24.05	(1.9)	11.61	(2.4)	-31.01	(1.4)	
	Mexico	61.32	(0.88)	73.17	(5.7)	74.37	(3.7)	73.88	(3.5)	-11.84	(-5.6)	-13.04	(3.5)	-1.20	(6.1)	-12.56	(3.4)	
	Netherlands	9.87	(0.60)	46.74	(2.6)	42.08	(5.4)	45.62	(2.4)	-36.87	(-2.5)	-32.21	(5.6)	4.65	(5.9)	-35.75	(2.5)	
	New Zealand	14.05	(0.63)	17.25	(2.1)	8.49	(1.0)	11.06	(1.0)	-3.20	(-2.2)	5.57	(1.1)	8.76	(2.3)	2.99	(1.1)	
	Norway	3.79	(0.30)	16.39	(3.1)	21.08	(3.8)	18.55	(2.3)	-12.60	(-3.1)	-17.29	(3.8)	-4.69	(5.1)	-14.76	(2.3)	
	Poland	8.04	(0.58)	m	m	c	c	c	c	m	m	c	c	m	m	c	c	
	Portugal	58.90	(1.30)	54.45	(4.3)	38.81	(5.1)	46.56	(3.0)	4.45	(-4.2)	20.09	(5.1)	15.64	(7.3)	12.34	(3.0)	
	Slovak Republic	3.20	(0.38)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	9.32	(0.48)	27.12	(2.6)	47.31	(5.8)	30.79	(2.5)	-17.79	(-2.6)	-37.99	(5.8)	-20.19	(6.4)	-21.47	(2.5)	
	Spain	40.57	(1.19)	37.74	(4.8)	38.02	(2.1)	37.99	(2.0)	2.83	(-4.8)	2.55	(2.5)	-0.28	(5.2)	2.59	(2.3)	
	Sweden	8.23	(0.47)	22.93	(2.8)	28.52	(3.9)	24.76	(2.2)	-14.69	(-2.9)	-20.28	(3.8)	-5.59	(4.9)	-16.53	(2.2)	
	Switzerland	15.59	(0.61)	47.36	(2.2)	43.76	(3.1)	46.08	(1.9)	-31.77	(-2.2)	-28.17	(3.1)	3.60	(3.6)	-30.49	(1.9)	
	Turkey	80.11	(1.22)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	5.55	(0.37)	20.05	(4.3)	21.40	(4.2)	20.67	(3.8)	-14.51	(-4.3)	-15.85	(4.2)	-1.35	(4.0)	-15.12	(3.7)		
United States	5.51	(0.44)	34.65	(3.1)	32.21	(3.3)	33.84	(2.8)	-29.14	(-3.1)	-26.71	(3.3)	2.44	(3.2)	-28.33	(2.7)		
OECD average	17.48	(0.12)	29.67	(0.7)	27.34	(0.7)	28.21	(0.5)	-13.68	(0.7)	-11.09	(0.8)	2.26	(1.0)	-11.96	(0.5)		
Partners	Albania	39.06	(1.56)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	39.28	(1.45)	54.14	(5.1)	42.87	(5.6)	49.40	(3.7)	-14.86	(-5.0)	-3.59	(-5.5)	11.27	(7.7)	-10.12	(3.6)	
	Azerbaijan	7.57	(0.61)	10.52	(3.4)	8.29	(5.0)	9.98	(2.5)	-2.95	(-3.5)	-0.72	(-4.9)	2.23	(6.9)	-2.41	(2.6)	
	Brazil	54.76	(1.04)	58.80	(9.6)	54.84	(16.6)	57.41	(9.4)	-4.04	(-9.7)	-0.09	(-16.7)	3.95	(17.1)	-2.65	(9.6)	
	Bulgaria	10.47	(1.09)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Colombia	51.82	(1.45)	c	c	c	c	70.14	(10.1)	c	c	c	c	c	c	-18.32	(10.1)	
	Croatia	13.24	(0.67)	24.83	(2.6)	27.91	(3.6)	25.85	(2.2)	-11.59	(-2.5)	-14.67	(-3.6)	-3.08	(4.1)	-12.61	(2.2)	
	Dubai (UAE)	34.54	(1.19)	15.66	(1.0)	7.02	(0.6)	10.22	(0.5)	18.88	(-1.6)	27.52	(-1.3)	8.64	(1.3)	24.32	(1.3)	
	Hong Kong-China	37.96	(1.66)	61.20	(1.6)	69.05	(1.8)	64.28	(1.3)	-23.24	(-2.1)	-31.09	(-2.5)	-7.85	(2.2)	-26.32	(2.0)	
	Indonesia	64.48	(2.02)	m	m	c	c	c	c	m	m	c	c	m	m	c	c	
	Jordan	32.02	(1.02)	25.32	(2.1)	18.60	(3.9)	23.75	(1.9)	6.70	(-2.2)	13.42	(-3.9)	6.72	(4.2)	8.27	(2.0)	
	Kazakhstan	2.40	(0.31)	3.80	(1.2)	9.86	(3.1)	6.09	(1.6)	-1.40	(-1.2)	-7.46	(-3.1)	-6.06	(3.1)	-3.69	(1.6)	
	Kyrgyzstan	2.37	(0.26)	7.85	(4.4)	3.11	(3.6)	5.85	(3.4)	-5.48	(-4.4)	-0.74	(-3.6)	4.74	(4.5)	-3.48	(3.4)	
	Latvia	3.80	(0.47)	1.35	(0.8)	c	c	1.24	(0.7)	2.45	(-0.9)	c	c	c	c	2.57	(0.9)	
	Liechtenstein	20.04	(2.46)	43.84	(7.4)	45.02	(6.4)	44.49	(4.7)	-23.80	(-7.8)	-24.99	(-6.8)	-1.18	(10.0)	-24.46	(5.3)	
	Lithuania	2.55	(0.25)	3.33	(1.8)	c	c	3.01	(1.7)	-0.79	(-1.8)	c	c	c	c	-0.47	(1.6)	
	Macao-China	59.82	(1.15)	75.19	(0.8)	64.65	(1.6)	72.87	(0.8)	-15.37	(-1.4)	-4.83	(-2.2)	10.55	(1.7)	-13.06	(1.4)	
	Montenegro	12.63	(0.91)	9.08	(4.6)	11.71	(4.1)	10.68	(3.2)	3.56	(-4.8)	0.93	(-3.6)	-2.63	(5.9)	1.95	(2.9)	
	Panama	33.35	(2.20)	32.19	(7.5)	39.14	(6.8)	36.74	(5.4)	1.16	(-8.4)	-5.79	(-7.0)	-6.95	(10.1)	-3.39	(6.0)	
	Peru	43.41	(1.60)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Qatar	23.94	(0.55)	24.69	(1.0)	10.72	(0.7)	16.77	(0.6)	-0.75	(-1.2)	13.21	(-0.9)	13.96	(1.3)	7.17	(0.8)	
	Romania	11.88	(0.71)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Russian Federation	2.65	(0.34)	7.86	(4.9)	5.79	(2.1)	7.01	(3.4)	-5.21	(-5.0)	-3.14	(-2.1)	2.07	(4.5)	-4.37	(3.4)	
	Serbia	11.40	(0.70)	11.21	(3.4)	8.72	(1.7)	10.08	(2.2)	0.20	(-3.4)	2.68	(-1.8)	2.49	(3.5)	1.33	(2.3)	
	Shanghai-China	37.68	(1.40)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Singapore	22.86	(0.61)	26.26	(2.6)	12.91	(1.4)	17.36	(1.3)	-3.40	(-2.6)	9.95	(-1.6)	13.35	(2.9)	5.50	(1.5)	
	Chinese Taipei	26.39	(0.90)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Thailand	68.11	(1.36)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	
	Trinidad and Tobago	23.32	(0.80)	29.27	(7.4)	18.01	(5.4)	24.10	(4.9)	-5.95	(-7.5)	5.31	(-5.5)	11.26	(8.8)	-0.78	(5.0)	
	Tunisia	66.85	(1.69)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Uruguay	59.88	(1.02)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Standard deviation in reading performance. by immigrant status

Table B2.3a Results based on students' self-reports

	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)	
	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.
OECD								
Australia	96.2	(1.1)	98.0	(4.0)	104.2	(3.8)	101.2	(3.4)
Austria	96.9	(2.1)	89.4	(3.5)	100.2	(6.6)	95.0	(3.0)
Belgium	95.7	(1.5)	102.3	(4.4)	103.6	(4.6)	102.9	(3.5)
Canada	87.9	(0.9)	88.6	(2.2)	99.4	(2.6)	93.5	(1.8)
Chile	81.8	(1.7)	c	c	c	c	c	c
Czech Republic	91.6	(1.6)	114.2	(9.2)	102.7	(9.1)	110.5	(7.3)
Denmark	80.9	(1.3)	83.2	(2.5)	83.5	(3.7)	84.0	(2.2)
Estonia	82.1	(1.6)	82.6	(5.9)	90.8	(10.0)	83.2	(5.3)
Finland	85.0	(1.0)	88.3	(8.3)	115.4	(10.5)	106.2	(7.8)
France	102.3	(3.1)	105.1	(4.4)	114.9	(8.9)	107.9	(4.6)
Germany	91.3	(2.0)	94.2	(3.9)	91.1	(4.8)	93.2	(3.3)
Greece	92.6	(2.4)	98.3	(5.8)	95.4	(8.6)	97.7	(6.6)
Hungary	89.6	(2.2)	80.4	(9.9)	77.2	(6.1)	80.0	(5.5)
Iceland	94.0	(1.2)	c	c	102.6	(11.7)	103.3	(10.3)
Ireland	92.1	(2.2)	88.3	(8.3)	100.3	(5.1)	99.5	(4.6)
Israel	108.7	(2.4)	101.1	(3.6)	108.0	(4.7)	104.3	(3.3)
Italy	93.6	(1.5)	102.4	(6.8)	93.5	(4.1)	96.9	(3.4)
Japan	99.6	(2.9)	c	c	c	c	c	c
Korea	78.1	(2.1)	c	c	m	m	c	c
Luxembourg	92.9	(1.3)	99.8	(2.3)	121.2	(3.1)	109.0	(1.8)
Mexico	81.9	(1.0)	84.3	(8.8)	88.9	(10.1)	87.5	(7.5)
Netherlands	87.7	(1.9)	76.9	(3.5)	89.9	(7.3)	80.5	(3.5)
New Zealand	99.4	(1.9)	105.7	(4.6)	106.2	(2.8)	106.5	(2.5)
Norway	89.3	(1.2)	92.5	(7.6)	92.0	(6.6)	92.5	(5.4)
Poland	88.2	(1.2)	m	m	c	c	c	c
Portugal	85.8	(1.6)	82.4	(6.3)	82.0	(4.9)	82.7	(4.1)
Slovak Republic	89.4	(1.9)	c	c	c	c	c	c
Slovenia	89.2	(0.9)	85.7	(3.2)	85.7	(6.2)	86.6	(2.6)
Spain	85.0	(1.2)	85.1	(5.5)	86.0	(2.5)	86.6	(2.4)
Sweden	93.7	(1.5)	97.5	(4.6)	106.1	(6.8)	101.7	(4.3)
Switzerland	88.2	(1.4)	94.6	(2.1)	104.2	(4.5)	98.4	(2.1)
Turkey	81.4	(1.7)	c	c	c	c	c	c
United Kingdom	93.1	(1.1)	93.8	(4.1)	96.9	(4.5)	96.7	(3.1)
United States	95.5	(1.7)	92.1	(3.0)	101.4	(3.7)	95.3	(2.6)
OECD average	90.6	(0.3)	92.9	(1.1)	98.0	(1.2)	95.8	(0.9)
Partners								
Albania	97.0	(1.8)	c	c	c	c	c	c
Argentina	106.8	(3.1)	99.1	(7.4)	121.0	(17.2)	108.2	(9.7)
Azerbaijan	75.3	(1.9)	71.7	(6.8)	61.8	(8.9)	69.8	(5.6)
Brazil	92.4	(1.4)	77.1	(13.8)	69.9	(12.7)	74.8	(9.5)
Bulgaria	110.9	(2.5)	c	c	c	c	c	c
Colombia	85.7	(1.9)	c	c	c	c	73.8	(22.4)
Croatia	86.6	(1.6)	86.4	(3.6)	88.6	(5.3)	87.3	(3.1)
Dubai (UAE)	92.0	(1.7)	96.6	(2.2)	96.6	(1.5)	98.1	(1.2)
Hong Kong-China	83.5	(1.9)	81.0	(2.0)	84.7	(3.1)	83.9	(2.1)
Indonesia	66.1	(2.0)	m	m	c	c	c	c
Jordan	87.2	(1.8)	90.7	(4.7)	93.6	(5.8)	91.4	(3.6)
Kazakhstan	89.8	(1.6)	97.0	(5.8)	90.4	(5.0)	97.5	(5.0)
Kyrgyzstan	96.5	(2.1)	126.0	(10.8)	92.2	(15.1)	113.4	(9.3)
Latvia	79.4	(1.5)	83.8	(4.8)	c	c	84.3	(4.5)
Liechtenstein	82.2	(4.1)	77.5	(7.9)	82.8	(9.0)	80.3	(5.9)
Lithuania	85.8	(1.6)	83.5	(7.5)	c	c	85.2	(7.3)
Macao-China	78.0	(1.4)	74.5	(1.1)	74.7	(1.9)	74.5	(0.9)
Montenegro	92.4	(1.2)	90.6	(7.2)	89.0	(7.1)	90.6	(4.9)
Panama	94.5	(3.2)	116.7	(9.9)	137.4	(13.9)	134.7	(10.9)
Peru	97.2	(2.4)	c	c	c	c	c	c
Qatar	94.7	(1.0)	104.0	(1.6)	109.7	(1.7)	112.0	(1.2)
Romania	89.4	(2.3)	c	c	c	c	c	c
Russian Federation	88.2	(1.8)	89.7	(7.1)	90.1	(4.9)	90.0	(4.6)
Serbia	82.5	(1.5)	84.3	(3.7)	76.6	(4.7)	81.4	(2.8)
Shanghai-China	79.3	(1.6)	c	c	c	c	c	c
Singapore	96.2	(1.0)	98.9	(5.3)	98.4	(3.6)	99.1	(3.5)
Chinese Taipei	85.1	(1.9)	c	c	c	c	c	c
Thailand	71.8	(1.9)	m	m	m	m	m	m
Trinidad and Tobago	109.8	(1.4)	126.9	(11.4)	144.4	(14.9)	134.9	(8.8)
Tunisia	84.9	(1.8)	c	c	c	c	c	c
Uruguay	98.1	(1.7)	c	c	c	c	c	c

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Standard deviation in mathematics performance, by immigrant status

Table B2.3b Results based on students' self-reports

	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)	
	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.
OECD								
Australia	90.9	(0.9)	97.1	(4.4)	100.6	(3.6)	99.0	(3.7)
Austria	93.8	(2.1)	85.5	(3.7)	91.1	(6.9)	87.7	(3.4)
Belgium	99.3	(1.6)	96.1	(3.7)	98.1	(4.9)	97.0	(3.4)
Canada	85.7	(1.0)	85.9	(2.0)	95.7	(2.9)	90.4	(1.9)
Chile	79.4	(1.7)	c	c	c	c	c	c
Czech Republic	92.5	(1.7)	107.3	(9.0)	94.9	(12.8)	104.3	(8.2)
Denmark	84.3	(1.4)	84.2	(2.4)	85.6	(4.4)	85.2	(2.3)
Estonia	79.8	(1.3)	84.3	(7.7)	93.5	(11.4)	85.0	(7.1)
Finland	81.5	(1.1)	82.3	(8.1)	108.9	(13.2)	98.1	(9.3)
France	97.8	(2.3)	94.6	(4.6)	107.8	(8.6)	98.0	(4.8)
Germany	95.6	(1.8)	95.9	(3.5)	91.9	(4.3)	94.6	(2.9)
Greece	87.7	(1.9)	89.8	(6.5)	83.9	(8.7)	87.7	(6.6)
Hungary	91.8	(2.8)	82.5	(12.0)	85.2	(9.1)	84.3	(7.8)
Iceland	89.1	(1.2)	c	c	98.9	(12.6)	98.4	(11.0)
Ireland	83.8	(1.6)	79.0	(10.3)	87.7	(4.1)	86.8	(4.0)
Israel	102.4	(2.2)	97.2	(4.4)	101.5	(5.3)	99.0	(3.9)
Italy	91.7	(1.8)	93.2	(6.0)	86.6	(3.6)	89.1	(3.0)
Japan	93.3	(2.2)	c	c	c	c	c	c
Korea	87.8	(2.5)	c	c	m	m	c	c
Luxembourg	89.8	(1.4)	91.8	(2.6)	110.0	(2.7)	99.6	(1.9)
Mexico	76.3	(1.0)	88.2	(9.0)	77.2	(8.4)	81.8	(6.3)
Netherlands	87.2	(1.7)	78.4	(4.0)	91.6	(6.2)	82.1	(3.6)
New Zealand	92.7	(2.1)	101.7	(3.9)	101.0	(2.9)	102.2	(2.3)
Norway	83.4	(1.2)	94.0	(6.5)	95.8	(6.1)	95.2	(4.7)
Poland	87.7	(1.3)	m	m	c	c	c	c
Portugal	90.7	(1.5)	96.6	(6.6)	81.4	(4.8)	89.4	(3.7)
Slovak Republic	95.1	(2.3)	c	c	c	c	c	c
Slovenia	94.3	(0.9)	85.0	(3.9)	87.5	(6.1)	87.0	(3.3)
Spain	88.2	(1.1)	94.6	(7.0)	87.0	(2.6)	88.4	(2.4)
Sweden	89.4	(1.3)	89.1	(3.5)	102.9	(8.1)	94.1	(3.8)
Switzerland	92.6	(1.5)	98.4	(2.8)	108.9	(4.8)	102.6	(2.6)
Turkey	93.1	(3.0)	c	c	c	c	c	c
United Kingdom	85.1	(1.3)	83.7	(4.1)	87.4	(3.7)	86.3	(3.1)
United States	90.1	(1.8)	85.6	(2.9)	90.4	(3.7)	87.4	(2.7)
OECD average	89.5	(0.3)	90.5	(1.1)	94.0	(1.3)	92.2	(0.9)
Partners								
Albania	88.6	(2.1)	c	c	c	c	c	c
Argentina	92.6	(2.7)	87.2	(7.5)	103.3	(17.1)	93.8	(9.3)
Azerbaijan	64.4	(2.3)	52.9	(4.2)	51.8	(13.1)	52.9	(4.8)
Brazil	80.3	(1.7)	58.8	(10.4)	43.4	(9.7)	54.9	(8.4)
Bulgaria	97.7	(2.9)	c	c	c	c	c	c
Colombia	74.6	(1.7)	c	c	c	c	57.0	(11.0)
Croatia	88.1	(1.8)	86.7	(4.0)	86.1	(5.1)	86.5	(3.4)
Dubai (UAE)	76.6	(1.5)	90.3	(2.0)	91.3	(1.4)	92.2	(1.0)
Hong Kong-China	94.2	(2.0)	92.1	(2.5)	94.5	(3.1)	95.2	(2.4)
Indonesia	69.9	(2.3)	m	m	c	c	c	c
Jordan	80.4	(2.3)	85.8	(5.6)	83.8	(5.1)	85.4	(4.6)
Kazakhstan	80.7	(1.7)	99.7	(11.2)	83.3	(6.8)	99.1	(10.0)
Kyrgyzstan	79.6	(2.1)	92.3	(8.5)	83.3	(12.0)	88.4	(7.4)
Latvia	78.5	(1.4)	86.6	(5.3)	c	c	86.6	(5.2)
Liechtenstein	83.0	(4.2)	76.1	(8.5)	109.0	(14.0)	95.2	(9.4)
Lithuania	87.3	(1.7)	83.1	(8.2)	c	c	84.5	(7.5)
Macao-China	84.5	(1.9)	84.7	(1.1)	85.0	(2.6)	84.8	(1.1)
Montenegro	84.0	(1.6)	85.7	(7.2)	86.5	(8.1)	86.5	(5.6)
Panama	77.8	(2.9)	105.6	(9.5)	118.7	(14.3)	118.1	(13.3)
Peru	89.4	(2.5)	c	c	c	c	c	c
Qatar	76.5	(1.1)	87.1	(1.8)	101.5	(1.6)	100.5	(1.1)
Romania	79.1	(2.2)	c	c	c	c	c	c
Russian Federation	84.4	(2.2)	78.3	(3.9)	84.6	(4.4)	81.2	(2.8)
Serbia	89.5	(1.7)	98.0	(7.1)	84.2	(6.3)	92.7	(5.8)
Shanghai-China	102.5	(2.0)	c	c	c	c	c	c
Singapore	103.6	(1.2)	98.1	(4.3)	105.1	(3.8)	102.8	(3.2)
Chinese Taipei	103.9	(2.3)	c	c	c	c	c	c
Thailand	79.1	(2.5)	m	m	m	m	m	m
Trinidad and Tobago	97.8	(1.2)	113.0	(11.4)	116.7	(8.4)	115.3	(7.1)
Tunisia	77.2	(2.3)	c	c	c	c	c	c
Uruguay	90.7	(1.6)	c	c	c	c	c	c

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Standard deviation in science performance, by immigrant status

Table B2.3c Results based on students' self-reports

	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)		
	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.	
OECD	Australia	98.0	(1.1)	103.5	(5.5)	109.8	(4.4)	106.7	(4.6)
	Austria	96.8	(2.2)	89.9	(3.6)	105.4	(6.0)	95.9	(3.0)
	Belgium	98.5	(1.9)	101.9	(4.4)	104.0	(5.3)	102.9	(3.8)
	Canada	86.8	(1.0)	90.2	(2.3)	99.3	(2.6)	94.3	(1.8)
	Chile	80.7	(1.4)	c	c	c	c	c	c
	Czech Republic	96.4	(1.9)	122.8	(11.1)	98.5	(11.1)	116.3	(9.6)
	Denmark	88.2	(1.4)	88.5	(2.9)	89.4	(5.0)	89.1	(2.7)
	Estonia	82.6	(1.4)	83.0	(6.4)	87.8	(12.0)	83.3	(6.0)
	Finland	87.8	(1.2)	99.3	(11.3)	112.2	(9.4)	107.5	(7.9)
	France	99.7	(3.0)	98.5	(4.7)	103.8	(8.3)	99.9	(4.6)
	Germany	95.2	(1.9)	96.5	(3.5)	95.3	(4.0)	96.1	(2.7)
	Greece	89.5	(1.8)	89.8	(5.2)	92.9	(12.6)	92.9	(9.4)
	Hungary	86.1	(2.9)	79.0	(8.2)	81.4	(8.6)	81.0	(6.3)
	Iceland	93.7	(1.2)	c	c	101.5	(11.1)	102.9	(9.6)
	Ireland	94.9	(2.1)	89.9	(10.3)	101.1	(5.0)	100.1	(4.8)
	Israel	104.0	(2.1)	103.0	(4.6)	110.9	(5.3)	106.8	(4.3)
	Italy	94.3	(1.6)	97.0	(4.9)	101.0	(4.2)	101.5	(3.6)
	Japan	98.8	(2.5)	c	c	c	c	c	c
	Korea	80.8	(2.2)	c	c	m	m	c	c
	Luxembourg	92.6	(1.5)	98.6	(2.3)	123.6	(3.3)	109.4	(1.9)
	Mexico	75.8	(0.9)	85.1	(7.2)	73.4	(7.3)	78.9	(5.3)
	Netherlands	92.7	(1.9)	88.9	(5.8)	97.9	(8.0)	91.4	(5.1)
	New Zealand	103.0	(2.6)	112.5	(5.0)	110.2	(2.8)	111.7	(2.9)
	Norway	86.9	(1.1)	97.6	(6.9)	92.0	(5.4)	95.1	(4.3)
	Poland	86.1	(1.2)	m	m	c	c	c	c
	Portugal	82.5	(1.4)	83.6	(6.3)	76.8	(4.8)	80.3	(3.9)
	Slovak Republic	94.4	(2.3)	c	c	c	c	c	c
	Slovenia	92.0	(1.0)	89.0	(3.9)	87.1	(7.4)	89.1	(3.4)
	Spain	85.0	(1.1)	81.8	(5.4)	85.4	(2.5)	85.8	(2.6)
	Sweden	94.7	(1.4)	97.5	(4.5)	107.5	(8.6)	101.8	(4.5)
	Switzerland	89.1	(1.5)	94.0	(2.3)	107.5	(3.9)	99.1	(2.1)
	Turkey	80.1	(2.0)	c	c	c	c	c	c
United Kingdom	96.5	(1.3)	95.9	(5.3)	98.8	(4.2)	98.0	(3.9)	
United States	96.5	(1.9)	91.3	(2.8)	99.5	(3.6)	94.1	(2.3)	
OECD average	91.2	(0.3)	94.4	(1.1)	98.4	(1.3)	96.8	(1.0)	
Partners	Albania	86.6	(1.6)	c	c	c	c	c	c
	Argentina	100.8	(3.2)	94.7	(9.0)	108.7	(21.4)	100.5	(12.2)
	Azerbaijan	74.1	(1.6)	68.5	(6.2)	51.1	(7.6)	65.1	(5.3)
	Brazil	83.2	(1.3)	56.3	(10.1)	66.1	(12.8)	61.2	(6.9)
	Bulgaria	103.4	(2.5)	c	c	c	c	c	c
	Colombia	80.3	(1.8)	c	c	c	c	61.8	(9.8)
	Croatia	84.1	(1.7)	84.6	(4.2)	84.9	(5.3)	84.7	(3.4)
	Dubai (UAE)	86.2	(1.7)	95.5	(2.4)	97.9	(1.6)	98.9	(1.3)
	Hong Kong-China	87.1	(2.2)	83.5	(2.5)	89.0	(3.3)	87.0	(2.4)
	Indonesia	68.7	(2.1)	m	m	c	c	c	c
	Jordan	86.0	(1.9)	88.4	(4.9)	92.9	(5.7)	89.5	(3.8)
	Kazakhstan	85.1	(1.7)	94.0	(6.0)	87.2	(5.4)	96.0	(5.3)
	Kyrgyzstan	88.7	(2.1)	111.2	(13.4)	98.3	(12.2)	106.4	(10.0)
	Latvia	77.3	(1.7)	81.3	(5.2)	c	c	82.7	(5.4)
	Liechtenstein	84.9	(3.8)	81.0	(6.7)	87.3	(8.9)	84.8	(5.9)
	Lithuania	84.4	(2.1)	84.0	(8.5)	c	c	85.2	(8.1)
	Macao-China	76.4	(1.5)	75.0	(1.1)	76.2	(2.2)	75.3	(1.0)
	Montenegro	86.8	(1.4)	87.1	(7.0)	83.1	(5.6)	84.7	(4.3)
	Panama	85.9	(2.6)	110.7	(12.0)	116.6	(10.1)	117.8	(8.1)
	Peru	88.7	(2.1)	c	c	c	c	c	c
	Qatar	81.5	(1.1)	93.0	(1.7)	104.2	(1.7)	104.4	(1.1)
	Romania	78.7	(1.9)	c	c	c	c	c	c
	Russian Federation	89.3	(1.9)	85.3	(4.4)	88.5	(5.0)	86.7	(3.1)
	Serbia	82.6	(1.6)	87.1	(3.9)	79.1	(4.2)	84.0	(3.2)
	Shanghai-China	81.1	(1.6)	c	c	c	c	c	c
	Singapore	103.0	(1.1)	103.6	(5.0)	107.6	(3.3)	106.3	(3.0)
	Chinese Taipei	85.6	(1.6)	c	c	c	c	c	c
	Thailand	79.5	(2.0)	m	m	m	m	m	m
	Trinidad and Tobago	106.2	(1.1)	129.8	(12.5)	135.3	(13.9)	132.3	(8.1)
Tunisia	81.3	(1.9)	c	c	c	c	c	c	
Uruguay	95.6	(1.6)	c	c	c	c	c	c	

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.



Table B2.4 Interquartile range of performance, by immigrant status
Results based on students' self-reports

	Performance in reading																Interquartile range of performance: Performance difference between 75th and 25th percentile				
	Non-immigrant students				Second-generation students				First-generation students				Immigrant students (first- and second-generation)				Non-immigrant students	Second-generation students	First-generation students	Immigrant students (first- and second-generation)	
	25th percentile		75th percentile		25th percentile		75th percentile		25th percentile		75th percentile		25th percentile		75th percentile						
	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score dif.	Score dif.	Score dif.	Score dif.	
OECD																					
Australia	452	(3.0)	583	(2.1)	465	(6.6)	599	(8.8)	450	(7.2)	589	(8.0)	458	(5.5)	594	(7.2)	131	134	140	137	
Austria	414	(4.5)	554	(3.5)	358	(10.2)	491	(7.0)	312	(15.0)	451	(19.0)	343	(7.4)	482	(8.3)	140	133	139	139	
Belgium	454	(3.1)	590	(2.2)	384	(8.6)	529	(10.2)	375	(12.7)	521	(10.5)	379	(7.0)	524	(9.1)	137	145	146	144	
Canada	469	(2.0)	590	(1.8)	465	(5.3)	583	(4.5)	448	(6.0)	594	(5.8)	458	(4.6)	588	(4.4)	121	118	146	130	
Chile	396	(3.9)	508	(3.3)	c	c	c	c	c	c	c	c	c	c	c	111	c	c	c		
Czech Republic	415	(4.4)	545	(3.4)	352	(40.8)	539	(24.9)	397	(33.1)	555	(18.0)	370	(29.7)	548	(15.2)	130	187	158	178	
Denmark	448	(3.1)	559	(2.6)	391	(4.6)	504	(9.1)	365	(10.8)	479	(10.7)	382	(4.9)	496	(6.5)	111	112	115	114	
Estonia	450	(3.3)	562	(2.6)	416	(10.6)	530	(7.6)	401	(36.0)	535	(21.9)	416	(10.0)	531	(7.7)	112	114	134	115	
Finland	484	(2.8)	598	(2.3)	435	(21.9)	561	(40.0)	363	(22.6)	540	(25.7)	390	(21.0)	546	(23.0)	115	126	176	156	
France	442	(5.2)	578	(4.0)	378	(12.2)	527	(10.6)	345	(28.9)	503	(17.9)	372	(11.2)	521	(10.2)	137	148	158	149	
Germany	451	(4.0)	578	(3.3)	396	(8.3)	527	(8.5)	385	(8.1)	519	(9.6)	392	(6.6)	524	(7.3)	127	131	134	132	
Greece	428	(6.5)	554	(3.4)	390	(14.8)	520	(15.2)	359	(19.0)	485	(12.3)	368	(14.8)	496	(11.8)	126	130	126	128	
Hungary	435	(4.3)	560	(3.6)	477	(18.9)	585	(28.8)	434	(19.7)	552	(20.1)	453	(21.4)	562	(15.1)	124	108	118	109	
Iceland	443	(2.3)	569	(2.2)	c	c	c	c	349	(24.1)	476	(20.1)	353	(21.2)	491	(24.5)	126	c	127	139	
Ireland	444	(3.8)	566	(3.1)	448	(25.0)	561	(34.1)	392	(11.4)	544	(12.2)	400	(10.7)	547	(9.2)	122	113	152	147	
Israel	409	(4.6)	558	(3.1)	419	(7.9)	559	(9.4)	387	(14.7)	541	(10.4)	409	(7.3)	554	(8.8)	149	140	155	144	
Italy	429	(2.2)	559	(1.7)	378	(14.3)	521	(8.4)	346	(8.5)	473	(7.7)	353	(7.0)	488	(6.9)	130	144	127	136	
Japan	460	(4.8)	591	(3.0)	c	c	c	c	c	c	c	c	c	c	c	131	c	c	c		
Korea	491	(3.9)	596	(3.3)	c	c	c	c	m	m	m	m	c	c	c	104	c	m	c		
Luxembourg	435	(3.3)	562	(2.1)	371	(5.2)	512	(5.9)	360	(10.9)	536	(6.3)	367	(4.4)	519	(3.3)	126	140	177	152	
Mexico	375	(2.2)	487	(1.9)	286	(16.0)	400	(19.8)	275	(12.3)	374	(11.8)	280	(10.2)	381	(10.3)	112	114	99	102	
Netherlands	449	(7.4)	581	(5.4)	417	(9.5)	518	(10.5)	398	(14.3)	531	(21.0)	414	(9.3)	521	(9.8)	132	101	133	107	
New Zealand	460	(3.3)	597	(3.0)	418	(14.2)	581	(9.0)	446	(7.0)	601	(6.5)	438	(7.0)	594	(6.0)	136	162	154	156	
Norway	449	(3.5)	571	(3.0)	407	(12.4)	524	(13.7)	382	(13.8)	510	(11.6)	394	(8.8)	517	(8.8)	122	117	128	124	
Poland	444	(3.2)	565	(3.1)	m	m	m	m	c	c	c	c	c	c	c	122	m	c	c		
Portugal	436	(4.6)	553	(3.2)	425	(12.5)	529	(15.5)	391	(15.1)	516	(14.7)	408	(7.6)	523	(10.6)	118	105	125	115	
Slovak Republic	417	(3.8)	543	(2.8)	c	c	c	c	c	c	c	c	c	c	c	125	c	c	c		
Slovenia	427	(2.2)	554	(1.9)	385	(10.4)	504	(7.3)	354	(14.9)	477	(18.8)	379	(9.1)	499	(6.6)	128	119	123	121	
Spain	435	(2.8)	547	(2.1)	406	(18.3)	516	(17.9)	368	(7.0)	483	(4.4)	372	(7.9)	487	(3.9)	113	109	115	115	
Sweden	447	(3.7)	571	(3.3)	388	(11.9)	522	(11.1)	348	(15.4)	489	(20.0)	372	(10.3)	512	(11.1)	124	133	142	140	
Switzerland	455	(2.9)	576	(2.8)	403	(6.0)	539	(6.7)	379	(9.4)	531	(13.7)	395	(5.1)	537	(6.6)	121	136	153	141	
Turkey	411	(3.8)	523	(4.5)	c	c	c	c	c	c	c	c	c	c	c	112	c	c	c		
United Kingdom	436	(2.6)	565	(3.2)	426	(16.1)	556	(10.9)	399	(13.2)	521	(9.3)	410	(8.7)	544	(7.8)	129	130	122	133	
United States	440	(4.2)	574	(4.4)	423	(6.4)	542	(8.9)	411	(9.1)	554	(12.0)	419	(6.0)	546	(9.0)	135	119	143	127	
OECD average	439	(0.7)	564	(0.5)	404	(2.9)	533	(3.1)	379	(3.2)	517	(2.8)	391	(2.2)	524	(2.0)	125	129	138	133	
Partners																					
Albania	323	(4.9)	459	(4.8)	c	c	c	c	c	c	c	c	c	c	c	136	c	c	c		
Argentina	333	(5.8)	475	(6.3)	299	(19.2)	441	(28.2)	293	(53.6)	441	(29.1)	299	(20.8)	440	(25.2)	143	142	148	142	
Azerbaijan	312	(4.3)	414	(4.0)	319	(16.5)	408	(19.2)	343	(22.7)	428	(22.8)	325	(10.5)	414	(14.2)	101	89	85	89	
Brazil	352	(2.6)	477	(3.9)	272	(31.2)	357	(27.8)	264	(40.4)	365	(41.6)	270	(23.8)	360	(20.2)	125	85	101	90	
Bulgaria	357	(8.2)	514	(6.2)	c	c	c	c	c	c	c	c	c	c	c	157	c	c	c		
Colombia	358	(4.4)	474	(3.8)	c	c	c	c	c	c	c	c	270	(65.5)	364	(26.5)	116	c	c	94	
Croatia	419	(4.5)	541	(3.2)	408	(8.8)	529	(8.3)	392	(14.7)	511	(13.7)	403	(7.9)	524	(7.9)	121	121	118	122	
Dubai (UAE)	332	(2.9)	461	(4.0)	403	(4.7)	536	(4.4)	440	(3.5)	574	(3.4)	426	(2.6)	560	(2.4)	129	133	134	134	
Hong Kong-China	484	(3.8)	594	(3.1)	493	(4.5)	599	(4.0)	459	(7.9)	570	(5.4)	480	(4.7)	589	(3.8)	110	105	111	109	
Indonesia	358	(4.0)	447	(4.7)	m	m	m	m	c	c	c	c	c	c	c	89	m	c	c		
Jordan	354	(3.9)	467	(3.4)	364	(9.3)	484	(7.5)	356	(16.3)	472	(10.9)	362	(8.4)	481	(7.0)	113	119	117	119	
Kazakhstan	328	(3.2)	451	(4.0)	343	(11.4)	490	(15.0)	304	(9.1)	424	(11.0)	325	(10.2)	469	(16.1)	123	148	120	143	
Kyrgyzstan	252	(3.3)	378	(4.1)	256	(32.1)	457	(31.7)	281	(34.8)	407	(32.4)	270	(26.5)	432	(23.8)	126	201	126	161	
Latvia	430	(3.8)	541	(3.4)	410	(15.9)	534	(11.5)	c	c	c	c	411	(14.3)	535	(9.7)	111	123	c	124	
Liechtenstein	455	(7.5)	568	(7.9)	434	(23.0)	549	(16.5)	406	(20.5)	537	(18.5)	416	(20.7)	541	(9.0)	114	115	132	125	
Lithuania	413	(3.4)	532	(3.0)	389	(16.3)	517	(17.4)	c	c	c	c	388	(14.8)	516	(16.6)	119	127	c	129	
Macao-China	431	(3.4)	538	(2.7)	440	(2.2)	541	(1.9)	439	(3.3)	544	(4.1)	440	(1.8)	541	(1.6)	108	101	104	101	
Montenegro	346	(2.4)	474	(2.3)	373	(21.5)	500	(18.0)	347	(14.9)	462	(11.6)	354	(10.0)	475	(10.2)	128	126	115	122	
Panama	319	(5.9)	444	(7.1)	313	(35.2)	491	(37.1)	214	(24.4)	415	(66.0)	236	(40.0)	453	(42.2)	125	178	201	217	
Peru	308	(4.2)	441	(5.1)	c	c	c	c	c	c	c	c	c	c	c	133	c	c	c		
Qatar	265	(1.7)	392	(2.3)	321	(3.7)	464	(3.4)	383	(3.7)	535	(3.6)	351	(2.7)	507	(2.0)	127	143	153	156	
Romania	366	(5.7)	488	(4.7)	c	c	c	c	c	c	c	c	c	c	c	122	c	c	c		
Russian Federation	406	(4.0)	522	(3.5)	377	(15.5)	494	(10.1)	387	(10.4)	504	(11.1)	382	(10.5)	498	(7.7)	117	116	117	115	
Serbia	388	(3.2)	500	(2.6)	407	(10.1)	521	(9.0)	391	(12.4)	500	(9.8)	401	(7.6)	512	(7.4)	112	113	109	110	
Shanghai-China	505	(3.4)	613	(2.8)	c	c	c	c	c	c	c	c	c	c	c	108	c	c	c		
Singapore	461	(2.2)	596	(2.2)	479	(13.7)	619	(13.9)	452	(6.6)	592	(9.1)	460	(6.6)	602	(6.1)	135	140	141	141	
Chinese Taipei	441	(3.0)	556	(2.9)	c	c	c	c	c	c	c	c	c	c	c	115	c	c	c		
Thailand	373	(3.2)	469	(2.6)	m	m	m	m	m	m	m	m	m	m	m	96	m	m	m		
Trinidad and Tobago	348	(2.5)	500	(2.2)	316	(36.7)	507	(46.5)	313	(28.5)	556	(24.8)	319	(24.5)	533	(23.4)	151	191	243	214	
Tunisia	349	(3.4)	463	(3.4)	c	c	c	c	c	c	c	c	c	c	c	114	c	c	c		
Uruguay	361	(3.3)	495	(3.1)	c	c	c	c	c	c	c	c	c	c	c	134	c	c	c		

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Standard deviation in socio-economic background, by immigrant status

Table B2.5 Results based on students' self-reports

	Non-immigrant students		Second-generation students		First-generation students		Immigrant students (first- and second-generation)	
	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.	S.D.	S.E.
OECD								
Australia	0.73	(0.00)	0.82	(0.02)	0.80	(0.02)	0.81	(0.02)
Austria	0.77	(0.01)	0.77	(0.03)	1.22	(0.09)	0.94	(0.05)
Belgium	0.88	(0.01)	1.04	(0.04)	1.10	(0.05)	1.07	(0.04)
Canada	0.80	(0.01)	0.91	(0.03)	0.88	(0.03)	0.91	(0.02)
Chile	1.14	(0.02)	c	c	c	c	c	c
Czech Republic	0.70	(0.01)	0.84	(0.06)	0.75	(0.07)	0.82	(0.06)
Denmark	0.83	(0.01)	0.99	(0.03)	0.97	(0.04)	0.98	(0.03)
Estonia	0.80	(0.01)	0.80	(0.04)	0.94	(0.07)	0.81	(0.04)
Finland	0.77	(0.01)	0.95	(0.11)	1.11	(0.11)	1.05	(0.09)
France	0.79	(0.01)	0.93	(0.04)	1.15	(0.09)	0.98	(0.04)
Germany	0.83	(0.01)	0.94	(0.04)	0.99	(0.06)	0.96	(0.03)
Greece	0.99	(0.01)	0.87	(0.06)	0.79	(0.05)	0.84	(0.05)
Hungary	0.97	(0.02)	0.92	(0.07)	0.75	(0.10)	0.85	(0.06)
Iceland	0.88	(0.01)	c	c	0.85	(0.08)	0.87	(0.07)
Ireland	0.84	(0.01)	0.83	(0.13)	0.89	(0.05)	0.88	(0.05)
Israel	0.83	(0.01)	1.06	(0.06)	1.00	(0.05)	1.04	(0.05)
Italy	1.01	(0.01)	1.12	(0.06)	0.89	(0.05)	0.95	(0.04)
Japan	0.72	(0.01)	c	c	c	c	c	c
Korea	0.82	(0.01)	c	c	m	m	c	c
Luxembourg	0.84	(0.01)	1.11	(0.02)	1.31	(0.03)	1.20	(0.02)
Mexico	1.30	(0.01)	1.10	(0.07)	1.26	(0.07)	1.20	(0.05)
Netherlands	0.77	(0.01)	0.97	(0.04)	1.16	(0.07)	1.02	(0.03)
New Zealand	0.77	(0.01)	0.84	(0.03)	0.79	(0.02)	0.82	(0.02)
Norway	0.71	(0.01)	0.90	(0.06)	0.98	(0.06)	0.94	(0.04)
Poland	0.88	(0.01)	m	m	c	c	c	c
Portugal	1.18	(0.02)	1.19	(0.06)	0.99	(0.06)	1.09	(0.04)
Slovak Republic	0.84	(0.01)	c	c	c	c	c	c
Slovenia	0.87	(0.01)	0.80	(0.04)	0.89	(0.08)	0.82	(0.04)
Spain	1.09	(0.02)	1.04	(0.06)	0.95	(0.03)	0.97	(0.03)
Sweden	0.76	(0.01)	0.85	(0.03)	1.26	(0.10)	1.01	(0.05)
Switzerland	0.79	(0.01)	0.91	(0.02)	1.11	(0.03)	0.99	(0.02)
Turkey	1.22	(0.02)	c	c	c	c	c	c
United Kingdom	0.76	(0.01)	0.92	(0.05)	0.99	(0.05)	0.96	(0.04)
United States	0.85	(0.02)	1.01	(0.03)	1.09	(0.03)	1.03	(0.03)
OECD average	0.87	(0.00)	0.94	(0.01)	1.00	(0.01)	0.96	(0.01)
Partners								
Albania	1.04	(0.02)	c	c	c	c	c	c
Argentina	1.20	(0.03)	0.88	(0.08)	1.14	(0.10)	1.00	(0.07)
Azerbaijan	0.99	(0.02)	1.01	(0.09)	1.01	(0.09)	1.04	(0.08)
Brazil	1.21	(0.01)	1.01	(0.07)	1.09	(0.17)	1.04	(0.09)
Bulgaria	0.97	(0.02)	c	c	c	c	c	c
Colombia	1.27	(0.02)	c	c	c	c	1.21	(0.18)
Croatia	0.90	(0.01)	1.01	(0.04)	0.83	(0.04)	0.96	(0.04)
Dubai (UAE)	0.97	(0.02)	0.76	(0.02)	0.62	(0.01)	0.69	(0.01)
Hong Kong-China	1.01	(0.02)	0.86	(0.02)	0.93	(0.03)	0.90	(0.02)
Indonesia	1.10	(0.02)	m	m	c	c	c	c
Jordan	1.05	(0.02)	1.01	(0.04)	0.95	(0.06)	1.01	(0.04)
Kazakhstan	0.82	(0.01)	0.84	(0.04)	0.85	(0.06)	0.85	(0.04)
Kyrgyzstan	0.93	(0.01)	0.96	(0.10)	1.15	(0.14)	1.04	(0.08)
Latvia	0.87	(0.01)	0.95	(0.05)	c	c	0.96	(0.05)
Liechtenstein	0.84	(0.04)	0.97	(0.08)	1.12	(0.06)	1.05	(0.05)
Lithuania	0.97	(0.01)	0.98	(0.06)	c	c	0.95	(0.05)
Macao-China	0.93	(0.02)	0.79	(0.01)	0.90	(0.02)	0.81	(0.01)
Montenegro	0.95	(0.01)	0.93	(0.06)	0.96	(0.05)	0.96	(0.03)
Panama	1.35	(0.04)	0.90	(0.10)	1.22	(0.10)	1.14	(0.07)
Peru	1.26	(0.03)	c	c	c	c	c	c
Qatar	1.00	(0.01)	0.88	(0.02)	0.69	(0.02)	0.80	(0.01)
Romania	0.91	(0.03)	c	c	c	c	c	c
Russian Federation	0.80	(0.01)	0.77	(0.02)	0.76	(0.04)	0.77	(0.02)
Serbia	0.98	(0.01)	0.96	(0.04)	0.84	(0.04)	0.92	(0.03)
Shanghai-China	1.04	(0.02)	c	c	c	c	c	c
Singapore	0.80	(0.01)	0.92	(0.04)	0.70	(0.03)	0.79	(0.02)
Chinese Taipei	0.82	(0.01)	c	c	c	c	c	c
Thailand	1.19	(0.02)	m	m	m	m	m	m
Trinidad and Tobago	0.92	(0.01)	1.18	(0.11)	1.03	(0.08)	1.14	(0.07)
Tunisia	1.31	(0.02)	c	c	c	c	c	c
Uruguay	1.22	(0.02)	c	c	c	c	c	c

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.6a Reading performance in PISA 2000 and 2009, by immigrant background

	Reading performance in PISA 2000				Reading performance in PISA 2009				Change between 2000 and 2009 (PISA 2009 - PISA 2000)				
	Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students		
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	
OECD	Australia	532	(3.6)	520	(6.7)	515	(2.1)	524	(5.8)	-18	(4.2)	4	(8.9)
	Austria	502	(2.8)	409	(7.2)	482	(3.0)	414	(6.2)	-21	(4.1)	5	(9.5)
	Belgium	522	(3.8)	417	(7.6)	519	(2.2)	451	(6.4)	-3	(4.4)	35	(9.9)
	Canada	538	(1.5)	526	(3.2)	528	(1.5)	521	(3.4)	-10	(2.2)	-5	(4.7)
	Chile	411	(3.6)	c	c	452	(3.0)	c	c	41	(4.7)	c	c
	Czech Republic	501	(2.1)	463	(15.1)	479	(2.9)	457	(13.7)	-22	(3.6)	-7	(20.3)
	Denmark	504	(2.2)	424	(7.6)	502	(2.2)	438	(3.8)	-2	(3.1)	15	(8.5)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m
	Finland	548	(2.6)	476	(12.8)	538	(2.2)	468	(12.8)	-9	(3.4)	-8	(18.1)
	France	512	(2.8)	464	(6.2)	505	(3.8)	444	(8.5)	-7	(4.7)	-20	(10.5)
	Germany	507	(2.3)	423	(6.1)	511	(2.6)	455	(4.7)	4	(3.5)	32	(7.7)
	Greece	478	(4.7)	413	(16.3)	489	(4.3)	432	(11.5)	11	(6.3)	18	(19.9)
	Hungary	482	(4.0)	489	(11.2)	495	(3.1)	507	(8.3)	13	(5.0)	19	(13.9)
	Iceland	509	(1.5)	c	c	504	(1.4)	423	(11.7)	-5	(2.1)	c	c
	Ireland	528	(3.2)	552	(11.0)	502	(3.0)	473	(7.1)	-26	(4.4)	-79	(13.1)
	Israel	456	(9.6)	459	(9.9)	480	(3.3)	478	(6.4)	23	(10.1)	19	(11.8)
	Italy	489	(2.9)	450	(13.3)	491	(1.6)	418	(4.2)	2	(3.3)	-31	(13.9)
	Japan	525	(5.1)	c	c	521	(3.4)	c	c	-4	(6.2)	c	c
	Korea	m	m	m	m	540	(3.4)	c	c	m	m	c	c
	Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m
	Mexico	427	(3.3)	345	(8.1)	430	(1.8)	331	(7.9)	3	(3.8)	-14	(11.3)
	Netherlands	m	m	m	m	m	m	m	m	m	m	m	m
	New Zealand	538	(2.7)	507	(7.1)	526	(2.6)	513	(4.7)	-12	(3.7)	6	(8.5)
	Norway	510	(2.7)	454	(6.7)	508	(2.6)	456	(5.9)	-2	(3.8)	1	(8.9)
	Poland	482	(4.4)	c	c	502	(2.6)	c	c	20	(5.1)	c	c
	Portugal	472	(4.5)	457	(12.1)	492	(3.1)	466	(6.9)	20	(5.5)	9	(13.9)
	Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m
Spain	494	(2.6)	457	(13.1)	488	(2.0)	430	(4.0)	-7	(3.3)	-27	(13.7)	
Sweden	523	(2.1)	465	(5.4)	507	(2.8)	442	(6.9)	-16	(3.5)	-24	(8.7)	
Switzerland	514	(4.0)	428	(4.8)	513	(2.2)	465	(4.1)	-1	(4.5)	37	(6.3)	
Turkey	m	m	m	m	m	m	m	m	m	m	m	m	
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	
United States	511	(6.5)	472	(14.1)	506	(3.8)	484	(5.8)	-5	(7.5)	12	(15.2)	
OECD average	501	(0.8)	458	(2.1)	501	(0.5)	456	(1.6)	-1	(0.9)	-0	(2.6)	
Partners	Albania	351	(3.3)	296	(18.0)	389	(4.0)	c	c	38	(5.2)	c	c
	Argentina	422	(9.2)	364	(22.7)	401	(4.6)	362	(15.2)	-21	(10.3)	-3	(27.3)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	398	(3.0)	c	c	416	(2.7)	317	(13.5)	17	(4.0)	c	c
	Bulgaria	434	(4.9)	c	c	433	(6.7)	c	c	-0	(8.3)	c	c
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m
	Dubai (UAE)	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong-China	531	(3.3)	521	(3.2)	535	(2.7)	531	(3.4)	4	(4.2)	10	(4.7)
	Indonesia	372	(3.7)	294	(16.4)	403	(3.7)	c	c	31	(5.2)	c	c
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m
	Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	462	(6.0)	452	(6.9)	485	(2.9)	474	(9.1)	23	(6.7)	22	(11.4)
	Liechtenstein	500	(5.0)	419	(13.7)	510	(4.3)	479	(7.4)	10	(6.6)	61	(15.6)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
	Macao-China	m	m	m	m	m	m	m	m	m	m	m	m
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m
	Panama	m	m	m	m	m	m	m	m	m	m	m	m
	Peru	331	(4.3)	c	c	374	(3.9)	c	c	43	(5.8)	c	c
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	428	(3.5)	c	c	426	(4.0)	c	c	-3	(5.3)	c	c
	Russian Federation	463	(4.3)	456	(6.1)	464	(3.2)	439	(7.0)	1	(5.4)	-17	(9.3)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m
	Shanghai-China	m	m	m	m	m	m	m	m	m	m	m	m
	Singapore	m	m	m	m	m	m	m	m	m	m	m	m
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
	Thailand	432	(3.2)	c	c	421	(2.6)	m	m	-10	(4.2)	c	c
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m	
Tunisia	m	m	m	m	m	m	m	m	m	m	m	m	
Uruguay	m	m	m	m	m	m	m	m	m	m	m	m	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.6b Reading performance dispersion in PISA 2000 and 2009, by immigrant background

	Performance dispersion in reading PISA 2000				Performance dispersion in reading PISA 2009				Change between 2000 and 2009 (PISA 2009 - PISA 2000)			
	Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD												
Australia	100.0	(1.6)	105.5	(3.3)	96.3	(1.1)	101.2	(3.4)	-3.77	(1.9)	-4.3	(4.7)
Austria	92.4	(2.0)	106.2	(4.9)	96.9	(2.1)	95.0	(3.0)	4.5	(2.9)	-11.19	(5.7)
Belgium	99.4	(3.0)	105.1	(3.6)	95.7	(1.5)	102.9	(3.5)	-3.71	(3.3)	-2.2	(5.0)
Canada	92.8	(1.2)	98.1	(1.9)	87.9	(0.9)	93.5	(1.8)	-4.93	(1.5)	-4.59	(2.6)
Chile	89.4	(1.7)	c	c	81.8	(1.7)	c	c	-7.64	(2.4)	c	c
Czech Republic	85.7	(1.3)	95.3	(10.6)	91.6	(1.6)	110.5	(7.3)	5.88	(2.1)	15.19	(12.9)
Denmark	94.2	(1.6)	99.0	(5.6)	80.9	(1.3)	84.0	(2.2)	-13.28	(2.1)	-15	(6.0)
Estonia	m	m	m	m	m	m	m	m	m	m	m	m
Finland	88.7	(2.6)	109.9	(11.0)	85.0	(1.0)	106.2	(7.9)	-3.65	(2.8)	-3.72	(13.5)
France	89.6	(1.9)	90.4	(3.0)	102.4	(3.1)	107.9	(4.6)	12.73	(3.6)	17.52	(5.5)
Germany	93.7	(1.6)	103.6	(4.0)	91.3	(2.0)	93.2	(3.3)	-2.41	(2.5)	-10.41	(5.2)
Greece	95.3	(2.5)	104.5	(11.6)	92.6	(2.4)	97.7	(6.6)	-2.73	(3.4)	-6.83	(13.4)
Hungary	92.7	(2.0)	92.0	(6.0)	89.6	(2.2)	80.0	(5.5)	-3.08	(3.0)	-11.98	(8.1)
Iceland	91.1	(1.4)	c	c	94.0	(1.2)	103.4	(10.3)	2.85	(1.9)	c	c
Ireland	93.2	(1.7)	77.8	(8.7)	92.1	(2.2)	99.5	(4.7)	-1.13	(2.8)	21.72	(9.8)
Israel	106.8	(4.8)	106.4	(6.1)	108.7	(2.4)	104.3	(3.3)	1.83	(5.3)	-2.17	(6.9)
Italy	90.5	(2.6)	81.3	(8.1)	93.6	(1.5)	96.9	(3.4)	3.1	(3.0)	15.58	(8.8)
Japan	84.5	(3.1)	c	c	99.6	(2.9)	c	c	15.06	(4.2)	c	c
Korea	m	m	m	m	78.1	(2.1)	c	c	m	m	c	c
Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m
Mexico	84.2	(2.1)	76.6	(6.1)	81.9	(1.0)	87.5	(7.5)	-2.37	(2.3)	10.89	(9.7)
Netherlands	m	m	m	m	m	m	m	m	m	m	m	m
New Zealand	102.8	(2.0)	117.5	(3.8)	99.4	(1.9)	106.5	(2.5)	-3.37	(2.7)	-10.96	(4.5)
Norway	101.5	(1.8)	106.4	(5.2)	89.3	(1.2)	92.5	(5.4)	-12.26	(2.2)	-13.87	(7.5)
Poland	97.6	(2.9)	c	c	88.2	(1.2)	c	c	-9.4	(3.1)	c	c
Portugal	96.2	(1.9)	103.9	(6.3)	85.8	(1.6)	82.7	(4.2)	-10.37	(2.4)	-21.14	(7.5)
Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
Slovenia	m	m	m	m	m	m	m	m	m	m	m	m
Spain	84.1	(1.2)	91.1	(6.4)	85.0	(1.2)	86.6	(2.4)	0.94	(1.7)	-4.48	(6.8)
Sweden	89.0	(1.2)	97.2	(2.9)	93.7	(1.5)	101.7	(4.3)	4.7	(1.9)	4.52	(5.1)
Switzerland	92.4	(2.0)	105.9	(2.8)	88.2	(1.5)	98.4	(2.1)	-4.14	(2.5)	-7.44	(3.5)
Turkey	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
United States	102.4	(2.7)	114.5	(5.9)	95.5	(1.7)	95.3	(2.6)	-6.87	(3.2)	-19.21	(6.4)
OECD average	93.5	(0.4)	99.5	(1.4)	91.3	(0.3)	96.8	(1.0)	-1.67	(0.6)	-2.91	(1.7)
Partners												
Albania	98.8	(1.9)	88.5	(11.7)	97.0	(1.8)	c	c	-1.8	(2.6)	c	c
Argentina	106.8	(3.4)	110.1	(12.3)	106.8	(3.1)	108.2	(9.7)	0.1	(4.6)	-1.8	(15.7)
Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	85.3	(1.9)	c	c	92.4	(1.4)	74.8	(9.6)	7.1	(2.4)	c	c
Bulgaria	100.4	(3.1)	c	c	110.9	(2.5)	c	c	10.5	(4.0)	c	c
Colombia	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	m	m	m	m	m	m	m	m	m	m	m	m
Dubai (UAE)	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong-China	81.9	(2.6)	83.8	(2.3)	83.5	(1.9)	83.9	(2.1)	1.5	(3.2)	0.1	(3.1)
Indonesia	71.4	(2.5)	50.6	(14.2)	66.1	(2.0)	c	c	-5.3	(3.2)	c	c
Jordan	m	m	m	m	m	m	m	m	m	m	m	m
Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m
Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	102.3	(2.3)	98.4	(5.0)	79.4	(1.6)	84.3	(4.5)	-22.9	(2.8)	-14.1	(6.7)
Liechtenstein	88.2	(3.7)	101.7	(8.6)	82.2	(4.1)	80.3	(5.9)	-6.0	(5.5)	-21.4	(10.4)
Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
Macao-China	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	m	m	m	m	m	m	m	m	m	m	m	m
Panama	m	m	m	m	m	m	m	m	m	m	m	m
Peru	94.9	(2.1)	c	c	97.2	(2.4)	c	c	2.3	(3.2)	c	c
Qatar	m	m	m	m	m	m	m	m	m	m	m	m
Romania	102.3	(2.5)	c	c	89.4	(2.3)	c	c	-13.0	(3.4)	c	c
Russian Federation	91.6	(1.8)	92.1	(4.2)	88.2	(1.8)	90.0	(4.6)	-3.4	(2.6)	-2.2	(6.3)
Serbia	m	m	m	m	m	m	m	m	m	m	m	m
Shanghai-China	m	m	m	m	m	m	m	m	m	m	m	m
Singapore	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	76.4	(1.7)	c	c	71.8	(1.9)	m	m	-4.5	(2.5)	c	c
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m	m	m	m	m

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.6c Socio-economic background in PISA 2000 and 2009, by immigrant background

	Socio-economic background in PISA 2000				Socio-economic background in PISA 2009				Change between 2000 and 2009 (PISA 2009 - PISA 2000)			
	Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.
OECD												
Australia	0.29	(0.03)	0.26	(0.06)	0.35	(0.01)	0.34	(0.03)	0.06	(0.0)	0.08	(0.1)
Austria	0.07	(0.02)	-0.64	(0.06)	0.17	(0.02)	-0.55	(0.04)	0.1	(0.0)	0.09	(0.1)
Belgium	0.24	(0.02)	-0.49	(0.06)	0.28	(0.02)	-0.27	(0.06)	0.04	(0.0)	0.22	(0.1)
Canada	0.64	(0.01)	0.58	(0.03)	0.53	(0.01)	0.44	(0.04)	-0.11	(0.0)	-0.14	(0.1)
Chile	-0.62	(0.04)	c	c	-0.57	(0.04)	c	c	0.05	(0.1)	c	c
Czech Republic	-0.03	(0.02)	-0.41	(0.11)	-0.08	(0.01)	-0.21	(0.10)	-0.05	(0.0)	0.2	(0.1)
Denmark	0.33	(0.03)	-0.43	(0.10)	0.36	(0.03)	-0.39	(0.04)	0.03	(0.0)	0.04	(0.1)
Estonia	m	m	m	m	m	m	m	m	m	m	m	m
Finland	0.05	(0.02)	-0.14	(0.15)	0.38	(0.02)	0.06	(0.12)	0.33	(0.0)	0.2	(0.2)
France	-0.06	(0.02)	-0.74	(0.07)	-0.05	(0.03)	-0.66	(0.06)	0.01	(0.0)	0.08	(0.1)
Germany	0.35	(0.02)	-0.37	(0.06)	0.32	(0.02)	-0.40	(0.04)	-0.03	(0.0)	-0.03	(0.1)
Greece	-0.10	(0.04)	-0.32	(0.08)	0.04	(0.03)	-0.64	(0.05)	0.14	(0.1)	-0.32	(0.1)
Hungary	-0.27	(0.03)	0.01	(0.10)	-0.19	(0.03)	-0.17	(0.10)	0.08	(0.0)	-0.18	(0.1)
Iceland	0.53	(0.01)	c	c	0.74	(0.02)	-0.08	(0.10)	0.21	(0.0)	c	c
Ireland	-0.04	(0.03)	0.23	(0.13)	0.04	(0.03)	0.13	(0.06)	0.08	(0.0)	-0.1	(0.1)
Israel	0.16	(0.05)	0.13	(0.06)	0.04	(0.02)	-0.28	(0.06)	-0.12	(0.1)	-0.41	(0.1)
Italy	0.04	(0.02)	-0.52	(0.19)	-0.09	(0.01)	-0.72	(0.05)	-0.13	(0.0)	-0.2	(0.2)
Japan	m	m	m	m	-0.01	(0.01)	c	c	m	m	c	c
Korea	m	m	m	m	-0.15	(0.03)	c	c	m	m	c	c
Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m
Mexico	-1.19	(0.06)	-1.81	(0.10)	-1.19	(0.03)	-1.77	(0.09)	0	(0.1)	0.04	(0.1)
Netherlands	m	m	m	m	m	m	m	m	m	m	m	m
New Zealand	0.10	(0.02)	0.14	(0.04)	0.08	(0.02)	0.11	(0.03)	-0.02	(0.0)	-0.03	(0.1)
Norway	0.40	(0.02)	-0.16	(0.06)	0.51	(0.02)	-0.03	(0.06)	0.11	(0.0)	0.13	(0.1)
Poland	-0.22	(0.03)	c	c	-0.28	(0.02)	c	c	-0.06	(0.0)	c	c
Portugal	-0.39	(0.05)	-0.10	(0.14)	-0.31	(0.04)	-0.37	(0.07)	0.08	(0.1)	-0.27	(0.2)
Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
Slovenia	m	m	m	m	m	m	m	m	m	m	m	m
Spain	-0.55	(0.05)	-0.87	(0.18)	-0.27	(0.03)	-0.74	(0.05)	0.28	(0.1)	0.13	(0.2)
Sweden	0.41	(0.02)	-0.14	(0.05)	0.40	(0.02)	-0.16	(0.05)	-0.01	(0.0)	-0.02	(0.1)
Switzerland	0.19	(0.03)	-0.43	(0.04)	0.21	(0.02)	-0.35	(0.05)	0.02	(0.0)	0.08	(0.1)
Turkey	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
United States	0.42	(0.04)	-0.14	(0.16)	0.31	(0.04)	-0.39	(0.08)	-0.11	(0.1)	-0.25	(0.2)
OECD average	0.03	(0.01)	-0.29	(0.02)	0.06	(0.00)	-0.31	(0.01)	0.04	(0.0)	-0.03	(0.0)
Partners												
Albania	-0.64	(0.02)	-0.64	(0.18)	-0.95	(0.04)	c	c	-0.31	(0.04)	c	c
Argentina	-0.58	(0.08)	-1.00	(0.11)	-0.60	(0.05)	-1.17	(0.10)	-0.02	(0.09)	-0.17	(0.15)
Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	-1.09	(0.04)	c	c	-1.15	(0.03)	-1.34	(0.23)	-0.06	(0.05)	c	c
Bulgaria	0.13	(0.04)	c	c	-0.10	(0.04)	c	c	-0.23	(0.06)	c	c
Colombia	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	m	m	m	m	m	m	m	m	m	m	m	m
Dubai (UAE)	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong-China	-0.62	(0.03)	-1.08	(0.03)	-0.53	(0.05)	-1.22	(0.03)	0.09	(0.06)	-0.14	(0.04)
Indonesia	-1.57	(0.04)	-1.56	(0.23)	-1.55	(0.06)	c	c	0.02	(0.07)	c	c
Jordan	m	m	m	m	m	m	m	m	m	m	m	m
Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m
Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	0.01	(0.03)	-0.15	(0.04)	-0.13	(0.03)	-0.07	(0.10)	-0.14	(0.04)	0.08	(0.11)
Liechtenstein	0.06	(0.05)	-0.58	(0.14)	0.25	(0.05)	-0.28	(0.10)	0.19	(0.07)	0.30	(0.17)
Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
Macao-China	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	m	m	m	m	m	m	m	m	m	m	m	m
Panama	m	m	m	m	m	m	m	m	m	m	m	m
Peru	-1.21	(0.04)	c	c	-1.30	(0.05)	c	c	-0.09	(0.06)	c	c
Qatar	m	m	m	m	m	m	m	m	m	m	m	m
Romania	-0.66	(0.04)	c	c	-0.36	(0.03)	c	c	0.30	(0.05)	c	c
Russian Federation	-0.53	(0.03)	-0.49	(0.06)	-0.19	(0.02)	-0.33	(0.04)	0.34	(0.04)	0.16	(0.07)
Serbia	m	m	m	m	m	m	m	m	m	m	m	m
Shanghai-China	m	m	m	m	m	m	m	m	m	m	m	m
Singapore	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	-1.58	(0.04)	c	c	-1.31	(0.04)	m	m	0.27	(0.06)	c	c
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m	m	m	m	m

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.6d Socio-economic dispersion in PISA 2000 and 2009, by immigrant background

	Socio-economic dispersion in PISA 2000				Socio-economic dispersion in PISA 2009				Change between 2000 and 2009 (PISA 2009 - PISA 2000)				
	Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students		Non-immigrant students		Immigrant students		
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Dif.	S.E.	Dif.	S.E.	
OECD	Australia	0.79	(0.02)	0.84	(0.03)	0.73	(0.00)	0.81	(0.02)	-0.06	(0.0)	-0.03	(0.0)
	Austria	0.80	(0.01)	1.00	(0.05)	0.77	(0.01)	0.94	(0.05)	-0.03	(0.0)	-0.06	(0.1)
	Belgium	0.82	(0.01)	1.00	(0.03)	0.88	(0.01)	1.07	(0.04)	0.06	(0.0)	0.07	(0.1)
	Canada	0.76	(0.01)	0.88	(0.02)	0.80	(0.01)	0.91	(0.02)	0.04	(0.0)	0.03	(0.0)
	Chile	1.11	(0.02)	c	c	1.14	(0.02)	c	c	0.03	(0.0)	c	c
	Czech Republic	0.71	(0.01)	0.86	(0.08)	0.70	(0.01)	0.82	(0.06)	-0.01	(0.0)	-0.04	(0.1)
	Denmark	0.89	(0.01)	1.12	(0.04)	0.83	(0.01)	0.98	(0.03)	-0.06	(0.0)	-0.14	(0.1)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m
	Finland	0.93	(0.01)	1.16	(0.08)	0.77	(0.01)	1.05	(0.09)	-0.16	(0.0)	-0.11	(0.1)
	France	0.78	(0.01)	1.01	(0.03)	0.79	(0.01)	0.98	(0.04)	0.01	(0.0)	-0.03	(0.1)
	Germany	0.85	(0.01)	0.98	(0.05)	0.83	(0.01)	0.96	(0.03)	-0.02	(0.0)	-0.02	(0.1)
	Greece	1.05	(0.02)	0.82	(0.06)	0.99	(0.01)	0.84	(0.05)	-0.06	(0.0)	0.02	(0.1)
	Hungary	0.89	(0.02)	0.88	(0.08)	0.97	(0.02)	0.85	(0.06)	0.08	(0.0)	-0.03	(0.1)
	Iceland	0.90	(0.01)	c	c	0.88	(0.01)	0.87	(0.07)	-0.02	(0.0)	c	c
	Ireland	0.86	(0.01)	0.93	(0.07)	0.84	(0.01)	0.88	(0.05)	-0.02	(0.0)	-0.05	(0.1)
	Israel	0.83	(0.02)	0.89	(0.04)	0.83	(0.01)	1.04	(0.05)	0	(0.0)	0.15	(0.1)
	Italy	0.95	(0.01)	0.93	(0.09)	1.01	(0.01)	0.95	(0.04)	0.06	(0.0)	0.02	(0.1)
	Japan	m	m	m	m	0.72	(0.01)	c	c	m	m	c	c
	Korea	m	m	m	m	0.82	(0.01)	c	c	m	m	c	c
	Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m
	Mexico	1.21	(0.04)	1.07	(0.07)	1.30	(0.01)	1.20	(0.05)	0.09	(0.0)	0.13	(0.1)
	Netherlands	m	m	m	m	m	m	m	m	m	m	m	m
	New Zealand	0.77	(0.01)	0.92	(0.03)	0.77	(0.01)	0.82	(0.02)	0	(0.0)	-0.1	(0.0)
	Norway	0.81	(0.01)	1.02	(0.06)	0.71	(0.01)	0.94	(0.04)	-0.1	(0.0)	-0.08	(0.1)
	Poland	0.87	(0.01)	c	c	0.88	(0.01)	c	c	0.01	(0.0)	c	c
	Portugal	1.13	(0.02)	1.22	(0.05)	1.18	(0.02)	1.09	(0.04)	0.05	(0.0)	-0.13	(0.1)
	Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m
	Spain	1.12	(0.02)	1.17	(0.07)	1.09	(0.02)	0.97	(0.03)	-0.03	(0.0)	-0.2	(0.1)
	Sweden	0.76	(0.01)	0.89	(0.03)	0.76	(0.01)	1.01	(0.05)	0	(0.0)	0.12	(0.1)
	Switzerland	0.86	(0.02)	1.01	(0.02)	0.79	(0.01)	0.99	(0.02)	-0.07	(0.0)	-0.02	(0.0)
	Turkey	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	
United States	0.77	(0.01)	1.08	(0.04)	0.85	(0.02)	1.03	(0.03)	0.08	(0.0)	-0.05	(0.1)	
OECD average	0.89	(0.00)	0.99	(0.01)	0.88	(0.00)	0.96	(0.01)	-0.01	(0.0)	-0.03	(0.0)	
Partners	Albania	0.91	(0.01)	0.91	(0.10)	1.04	(0.02)	c	c	0.13	(0.02)	c	c
	Argentina	1.14	(0.03)	0.85	(0.05)	1.20	(0.03)	1.00	(0.07)	0.06	(0.04)	0.15	(0.09)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	1.17	(0.02)	c	c	1.21	(0.01)	1.04	(0.09)	0.04	(0.02)	c	c
	Bulgaria	0.81	(0.02)	c	c	0.97	(0.02)	c	c	0.16	(0.03)	c	c
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m
	Dubai (UAE)	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong-China	0.90	(0.02)	0.77	(0.03)	1.01	(0.02)	0.90	(0.02)	0.11	(0.03)	0.13	(0.04)
	Indonesia	0.96	(0.02)	0.87	(0.07)	1.10	(0.02)	c	c	0.14	(0.03)	c	c
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m
	Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	0.75	(0.02)	0.75	(0.02)	0.87	(0.01)	0.96	(0.05)	0.12	(0.02)	0.21	(0.05)
	Liechtenstein	0.80	(0.03)	1.06	(0.12)	0.84	(0.04)	1.05	(0.05)	0.04	(0.05)	-0.01	(0.13)
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
	Macao-China	m	m	m	m	m	m	m	m	m	m	m	m
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m
	Panama	m	m	m	m	m	m	m	m	m	m	m	m
	Peru	1.10	(0.02)	c	c	1.26	(0.03)	c	c	0.16	(0.04)	c	c
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	1.11	(0.02)	c	c	0.91	(0.03)	c	c	-0.20	(0.04)	c	c
	Russian Federation	0.78	(0.01)	0.80	(0.03)	0.80	(0.01)	0.77	(0.02)	0.02	(0.01)	-0.03	(0.04)
	Serbia	m	m	m	m	m	m	m	m	m	m	m	m
	Shanghai-China	m	m	m	m	m	m	m	m	m	m	m	m
	Singapore	m	m	m	m	m	m	m	m	m	m	m	m
	Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
	Thailand	0.99	(0.03)	c	c	1.19	(0.02)	m	m	0.20	(0.04)	c	c
	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
	Tunisia	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m	m	m	m	m	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B2.6e Performance in reading and socio-economic background in PISA 2000 and 2009, second-generation students

	Mean performance		Standard deviation of performance				Change between 2000 and 2009 (PISA 2009-PISA 2000)				Mean socio-economic background				Standard deviation of socio-economic background				Change between 2000 and 2009 (PISA 2009-PISA 2000)						
	2000		2009		2000		2009		Mean performance		Standard deviation of performance		2000		2009		2000		2009		Mean socio-economic background		Standard deviation of socio-economic background		
	Mean score	S.E.	Mean score	S.E.	S.D.	S.E.	S.D.	S.E.	Score dif.	S.E.	S.D. dif.	S.E.	Mean	S.E.	Mean	S.E.	S.D.	S.E.	S.D.	S.E.	Mean dif.	S.E.	S.D. dif.	S.E.	
OECD	Australia	528	(7.1)	530	(6.3)	100	(4.3)	98	(4.0)	2	(9.4)	-2	(5.9)	0.21	(0.06)	0.28	(0.04)	0.82	(0.03)	0.82	(0.02)	0.07	(0.07)	0.00	(0.04)
	Austria	429	(10.6)	427	(6.0)	107	(6.4)	89	(3.5)	-2	(12.2)	-17	(7.3)	-0.70	(0.10)	-0.50	(0.04)	1.07	(0.08)	0.77	(0.03)	0.20	(0.11)	-0.30	(0.09)
	Belgium	411	(8.7)	454	(7.0)	102	(3.8)	102	(4.4)	44	(11.1)	0	(5.8)	-0.66	(0.06)	-0.32	(0.07)	0.95	(0.03)	1.04	(0.04)	0.34	(0.09)	0.09	(0.05)
	Canada	539	(3.1)	522	(3.6)	95	(2.4)	89	(2.2)	-17	(4.8)	-6	(3.3)	0.58	(0.03)	0.34	(0.04)	0.88	(0.02)	0.91	(0.03)	-0.24	(0.05)	0.03	(0.04)
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Czech Republic	c	c	448	(17.9)	c	c	114	(9.2)	c	c	c	c	c	c	-0.32	(0.13)	c	c	0.84	(0.06)	c	c	c	c
	Denmark	409	(13.9)	446	(4.3)	106	(11.4)	83	(2.5)	37	(14.6)	-23	(11.7)	-0.61	(0.20)	-0.42	(0.05)	1.29	(0.09)	0.99	(0.03)	0.19	(0.21)	-0.30	(0.09)
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Finland	c	c	493	(13.9)	c	c	88	(8.3)	c	c	c	c	c	c	0.26	(0.13)	c	c	0.95	(0.11)	c	c	c	c
	France	471	(6.2)	449	(8.9)	88	(3.4)	105	(4.4)	-21	(10.8)	17	(5.6)	-0.73	(0.07)	-0.65	(0.06)	1.00	(0.04)	0.93	(0.04)	0.08	(0.09)	-0.07	(0.06)
	Germany	432	(9.0)	457	(6.1)	103	(5.4)	94	(3.9)	25	(10.8)	-9	(6.6)	-0.28	(0.08)	-0.46	(0.04)	1.03	(0.06)	0.94	(0.04)	-0.18	(0.09)	-0.09	(0.07)
	Greece	c	c	456	(10.4)	c	c	98	(5.8)	c	c	c	c	c	c	-0.35	(0.09)	c	c	0.87	(0.06)	c	c	c	c
	Hungary	c	c	527	(12.4)	c	c	80	(9.9)	c	c	c	c	c	c	0.05	(0.16)	c	c	0.92	(0.07)	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	519	(20.2)	508	(12.8)	89	(11.2)	88	(8.3)	-11	(23.9)	-1	(14.0)	-0.08	(0.17)	0.10	(0.15)	0.99	(0.12)	0.83	(0.13)	0.18	(0.23)	-0.16	(0.18)
	Israel	461	(9.1)	487	(6.5)	99	(6.1)	101	(3.6)	26	(11.2)	2	(7.0)	0.12	(0.06)	-0.21	(0.07)	0.90	(0.06)	1.06	(0.06)	-0.33	(0.09)	0.16	(0.08)
	Italy	c	c	446	(9.4)	c	c	102	(6.8)	c	c	c	c	c	c	-0.56	(0.09)	c	c	1.12	(0.06)	c	c	c	c
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	m	m	c	c	m	m	c	c	c	c	c	c
	Korea	m	m	c	c	m	m	c	c	c	c	c	c	m	m	c	c	m	m	c	c	c	c	c	c
	Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Mexico	378	(15.3)	340	(9.9)	85	(11.5)	84	(8.8)	-38	(18.2)	-1	(14.5)	-1.64	(0.22)	-1.71	(0.13)	1.21	(0.14)	1.10	(0.07)	-0.07	(0.26)	-0.11	(0.16)
	Netherlands	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	New Zealand	507	(10.3)	498	(8.3)	119	(6.6)	106	(4.6)	-9	(13.2)	-13	(8.0)	-0.20	(0.06)	-0.15	(0.06)	0.93	(0.03)	0.84	(0.03)	0.05	(0.08)	-0.09	(0.04)
	Norway	464	(10.6)	463	(8.0)	95	(7.4)	93	(7.7)	-1	(13.3)	-2	(10.6)	-0.04	(0.12)	0.08	(0.08)	0.88	(0.06)	0.90	(0.06)	0.12	(0.14)	0.02	(0.08)
	Poland	c	c	m	m	c	c	m	m	c	c	c	c	c	c	m	m	c	c	m	m	c	c	c	c
	Portugal	463	(14.3)	476	(9.4)	106	(7.9)	82	(6.3)	13	(17.1)	-24	(10.1)	-0.23	(0.18)	-0.42	(0.11)	1.30	(0.07)	1.19	(0.06)	-0.19	(0.21)	-0.11	(0.09)
	Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Spain	450	(15.9)	461	(9.3)	82	(15.4)	85	(5.5)	11	(18.4)	3	(16.4)	-1.37	(0.19)	-0.49	(0.11)	0.93	(0.17)	1.04	(0.06)	0.88	(0.22)	0.11	(0.18)
	Sweden	485	(7.3)	454	(7.5)	93	(5.5)	97	(4.6)	-31	(10.5)	5	(7.1)	-0.02	(0.07)	-0.05	(0.05)	0.84	(0.03)	0.85	(0.03)	-0.03	(0.09)	0.01	(0.04)
	Switzerland	460	(6.8)	471	(4.5)	98	(3.8)	95	(2.1)	11	(8.1)	-4	(4.4)	-0.23	(0.06)	-0.39	(0.05)	1.03	(0.03)	0.91	(0.02)	-0.16	(0.08)	-0.12	(0.04)
	Turkey	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	United States	478	(19.4)	483	(6.2)	122	(8.8)	92	(3.0)	6	(20.4)	-30	(9.3)	-0.11	(0.18)	-0.38	(0.08)	1.08	(0.05)	1.01	(0.03)	-0.27	(0.20)	-0.07	(0.06)
	OECD average	464	(2.9)	468	(2.0)	99	(1.9)	94	(1.3)	3	(3.4)	-6	(2.3)	-0.35	(0.03)	-0.29	(0.02)	1.01	(0.02)	0.95	(0.01)	0.04	(0.04)	-0.06	(0.02)
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Argentina	360	(26.2)	366	(12.6)	110.1	(14.1)	99	(7.4)	5	(29.0)	-10.97	(15.9)	-0.95	(0.13)	-1.23	(0.10)	0.87	(0.06)	0.88	(0.08)	-0.28	(0.16)	0.01	(0.10)
	Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	c	c	321	(18.7)	c	c	77	(13.8)	c	c	c	c	c	c	-1.25	(0.26)	c	c	1.01	(0.07)	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Colombia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Dubai (UAE)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong-China	532	(3.2)	543	(3.2)	81.8	(2.5)	81	(2.0)	11	(4.5)	-0.79	(3.2)	-0.97	(0.03)	-1.11	(0.03)	0.73	(0.02)	0.86	(0.02)	-0.14	(0.04)	0.13	(0.03)
	Indonesia	c	c	m	m	c	c	m	m	c	c	c	c	c	c	m	m	c	c	m	m	c	c	c	c
	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	423	(15.1)	472	(9.7)	95.6	(9.0)	84	(4.8)	49	(18.0)	-11.8	(10.2)	-0.20	(0.18)	-0.11	(0.11)	0.85	(0.07)	0.95	(0.05)	0.09	(0.21)	0.10	(0.09)
	Liechtenstein	446	(14.8)	486	(10.0)	85.5	(11.2)	78	(7.9)	39	(17.9)	-7.99	(13.8)	c	c	-0.33	(0.14)	c	c	0.97	(0.08)	c	c	c	c
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Macao-China	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Panama	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	452	(9.9)	435	(9.4)	96.8	(8.3)	90	(7.1)	-17	(13.7)	-7.06	(10.9)	-0.48	(0.06)	-0.34	(0.05)	0.77	(0.04)	0.77</					

Table B2.6f Performance in reading and socio-economic background in PISA 2000 and 2009, first-generation students

	Mean performance		Standard deviation of performance				Change between 2000 and 2009 (PISA 2009-PISA 2000)				Mean socio-economic background				Standard deviation of socio-economic background				Change between 2000 and 2009 (PISA 2009-PISA 2000)					
	2000		2009		2000		2009		Mean performance		Standard deviation of performance		2000		2009		2000		2009		Mean socio-economic background		Standard deviation of socio-economic background	
	Mean score	S.E.	Mean score	S.E.	S.D.	S.E.	S.D.	S.E.	Score dif.	S.E.	S.D. dif.	S.E.	Mean	S.E.	Mean	S.E.	S.D.	S.E.	S.D.	S.E.	Mean dif.	S.E.	S.D. dif.	S.E.
OECD																								
Australia	513	(9.3)	518	(6.3)	109	(4.4)	104	(3.8)	5	(11.2)	-5	(5.7)	0.30	(0.08)	0.41	(0.03)	0.86	(0.05)	0.80	(0.02)	0.11	(0.09)	-0.06	(0.05)
Austria	398	(8.9)	384	(10.4)	104	(6.1)	100	(6.6)	-13	(13.7)	-4	(9.0)	-0.61	(0.07)	-0.68	(0.11)	0.95	(0.05)	1.22	(0.09)	-0.07	(0.13)	0.27	(0.10)
Belgium	431	(9.5)	448	(8.3)	112	(6.1)	104	(4.6)	16	(12.6)	-8	(7.6)	-0.06	(0.09)	-0.23	(0.07)	1.01	(0.05)	1.10	(0.05)	-0.17	(0.11)	0.09	(0.07)
Canada	511	(4.9)	520	(4.6)	100	(2.3)	99	(2.6)	9	(6.7)	-0	(3.5)	0.57	(0.04)	0.57	(0.04)	0.89	(0.04)	0.88	(0.03)	0.00	(0.06)	-0.01	(0.05)
Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	c	c	472	(17.5)	c	c	103	(9.1)	c	c	c	c	c	c	-0.01	(0.13)	c	c	0.75	(0.07)	c	c	c	c
Denmark	433	(7.6)	422	(6.2)	93	(5.0)	83	(3.7)	-11	(9.8)	-10	(6.2)	-0.31	(0.08)	-0.33	(0.07)	0.99	(0.05)	0.97	(0.04)	-0.02	(0.11)	-0.02	(0.06)
Estonia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Finland	468	(12.9)	449	(17.7)	103	(10.5)	115	(10.5)	-18	(21.9)	13	(14.8)	-0.24	(0.15)	-0.10	(0.18)	1.07	(0.07)	1.11	(0.11)	0.14	(0.23)	0.04	(0.13)
France	434	(11.5)	428	(15.9)	96	(6.4)	115	(8.9)	-6	(19.7)	19	(10.9)	-0.75	(0.11)	-0.68	(0.15)	1.04	(0.07)	1.15	(0.09)	0.07	(0.19)	0.11	(0.11)
Germany	419	(7.5)	450	(5.7)	104	(5.1)	91	(4.8)	32	(9.4)	-13	(7.0)	-0.41	(0.08)	-0.30	(0.06)	0.95	(0.06)	0.99	(0.06)	0.11	(0.10)	0.04	(0.08)
Greece	403	(17.5)	420	(15.5)	100	(11.9)	95	(8.6)	17	(23.4)	-5	(14.6)	-0.33	(0.09)	-0.78	(0.06)	0.79	(0.06)	0.79	(0.05)	-0.45	(0.11)	0.00	(0.08)
Hungary	486	(11.6)	493	(11.6)	89	(6.7)	77	(6.1)	7	(16.4)	-12	(9.1)	-0.02	(0.11)	-0.33	(0.12)	0.87	(0.08)	0.75	(0.10)	-0.31	(0.16)	-0.12	(0.13)
Iceland	c	c	417	(12.4)	c	c	103	(11.8)	c	c	c	c	c	c	-0.17	(0.11)	c	c	0.85	(0.08)	c	c	c	c
Ireland	573	(9.2)	466	(7.6)	62	(7.8)	100	(5.1)	-107	(11.9)	38	(9.3)	0.41	(0.15)	0.14	(0.06)	0.85	(0.07)	0.89	(0.05)	-0.27	(0.16)	0.04	(0.09)
Israel	456	(15.2)	462	(9.2)	119	(8.0)	108	(4.7)	6	(17.7)	-11	(9.3)	0.15	(0.09)	-0.41	(0.07)	0.87	(0.06)	1.00	(0.05)	-0.56	(0.11)	0.13	(0.08)
Italy	c	c	410	(4.5)	c	c	94	(4.1)	c	c	c	c	c	c	-0.77	(0.06)	c	c	0.89	(0.04)	c	c	c	c
Japan	c	c	c	c	c	c	c	c	c	c	c	c	m	m	c	c	m	m	c	c	c	c	c	c
Korea	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Luxembourg	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Mexico	329	(8.2)	324	(9.9)	67	(6.7)	89	(10.1)	-5	(12.8)	22	(12.1)	-1.89	(0.12)	-1.80	(0.11)	1.00	(0.07)	1.26	(0.07)	0.09	(0.16)	0.26	(0.10)
Netherlands	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
New Zealand	507	(7.6)	520	(4.6)	117	(5.3)	106	(2.8)	13	(8.9)	-11	(5.9)	0.29	(0.05)	0.23	(0.03)	0.88	(0.04)	0.79	(0.02)	-0.06	(0.06)	-0.09	(0.04)
Norway	449	(8.5)	447	(7.8)	112	(6.3)	92	(6.6)	-2	(11.6)	-19	(9.1)	-0.21	(0.08)	-0.17	(0.08)	1.07	(0.08)	0.98	(0.06)	0.04	(0.11)	-0.09	(0.10)
Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	450	(15.8)	456	(8.8)	101	(11.4)	82	(4.9)	6	(18.1)	-19	(12.4)	0.07	(0.14)	-0.33	(0.08)	1.10	(0.07)	0.99	(0.06)	-0.40	(0.16)	-0.11	(0.09)
Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Slovenia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Spain	460	(17.8)	426	(4.1)	95	(8.0)	86	(2.5)	-34	(18.3)	-9	(8.3)	-0.67	(0.21)	-0.77	(0.05)	1.20	(0.06)	0.95	(0.03)	-0.10	(0.22)	-0.25	(0.07)
Sweden	450	(7.2)	416	(11.3)	98	(4.6)	106	(6.8)	-34	(13.4)	8	(8.2)	-0.23	(0.06)	-0.39	(0.12)	0.91	(0.04)	1.26	(0.10)	-0.16	(0.13)	0.35	(0.11)
Switzerland	402	(6.1)	455	(6.7)	105	(3.4)	104	(4.5)	53	(9.1)	-0	(5.7)	-0.59	(0.05)	-0.27	(0.08)	0.96	(0.03)	1.11	(0.03)	0.32	(0.09)	0.15	(0.04)
Turkey	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
United States	466	(10.0)	485	(7.9)	105	(5.8)	101	(3.7)	20	(12.7)	-3	(6.9)	-0.19	(0.14)	-0.41	(0.10)	1.09	(0.06)	1.09	(0.03)	-0.22	(0.17)	0.00	(0.07)
OECD average	452	(2.5)	447	(2.1)	100	(1.6)	98	(1.4)	-2	(3.3)	-2	(2.1)	-0.24	(0.02)	-0.33	(0.02)	0.97	(0.01)	0.98	(0.01)	-0.10	(0.03)	0.04	(0.02)
Partners																								
Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	c	c	356	(26.5)	c	c	121.0	(17.2)	c	c	c	c	c	c	-1.09	(0.15)	c	c	1.14	(0.10)	c	c	c	c
Azerbaijan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	c	c	310	(18.6)	c	c	69.9	(12.7)	c	c	c	c	c	c	-1.50	(0.40)	c	c	1.09	(0.17)	c	c	c	c
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Dubai (UAE)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong-China	504	(4.8)	512	(5.5)	84.0	(3.4)	84.7	(3.1)	7	(7.3)	0.74	(4.6)	-1.24	(0.06)	-1.38	(0.04)	0.80	(0.07)	0.93	(0.03)	-0.14	(0.07)	0.13	(0.08)
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Latvia	454	(7.3)	c	c	98.3	(5.3)	c	c	c	c	c	c	-0.15	(0.04)	c	c	0.74	(0.02)	c	c	c	c	c	c
Liechtenstein	392	(21.4)	474	(11.2)	109.8	(13.0)	82.8	(9.0)	82	(24.1)	-27.04	(15.8)	-0.59	(0.24)	-0.25	(0.14)	1.22	(0.18)	1.12	(0.06)	0.34	(0.28)	-0.10	(0.19)
Lithuania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Macao-China	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Panama	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	458	(9.6)	444	(7.1)	89.3	(4.7)	90.1	(4.9)	-13	(12.0)	0.82	(6.8)	-0.49	(0.08)	-0.31	(0.07)	0.82	(0.04)	0.76	(0.04)	0.18	(0.11)	-0.06	(0.06)
Serbia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Shanghai-China	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Singapore	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	c	c	m	m	c	c	m	m	c	c	c	c	c	c	m	m	c	c	m	m	c	c	c	c
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/3] **Percentage of students and reading performance, by immigrant status and language spoken at home**

Table B3.1 Results based on students' self-reports

	Percentage of students											
	Non-immigrant students speaking the language of assessment at home		Non-immigrant students speaking another language at home		Second-generation students speaking the language of assessment at home		Second-generation students speaking another language at home		First-generation students speaking the language of assessment at home		First-generation students speaking another language at home	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	76.3	(1.1)	0.8	(0.1)	8.3	(0.4)	3.6	(0.3)	6.3	(0.3)	4.7	(0.5)
Austria	86.2	(1.1)	1.3	(0.2)	2.3	(0.3)	6.3	(0.6)	1.0	(0.3)	2.9	(0.3)
Belgium	71.8	(1.4)	14.4	(0.7)	3.3	(0.3)	3.8	(0.4)	3.4	(0.6)	3.2	(0.4)
Canada	73.7	(1.3)	2.6	(0.2)	8.6	(0.6)	4.7	(0.4)	3.6	(0.3)	6.9	(0.5)
Chile	99.1	(0.1)	0.4	(0.1)	0.1	(0.0)	0.0	(0.0)	0.4	(0.1)	0.0	(0.0)
Czech Republic	97.6	(0.2)	0.5	(0.1)	0.9	(0.2)	0.3	(0.1)	0.1	(0.1)	0.6	(0.1)
Denmark	92.1	(0.4)	0.5	(0.1)	2.8	(0.2)	2.3	(0.2)	0.7	(0.1)	1.6	(0.2)
Estonia	90.2	(0.7)	1.9	(0.3)	6.6	(0.6)	0.8	(0.2)	0.5	(0.1)	0.1	(0.0)
Finland	95.6	(0.4)	1.8	(0.2)	0.4	(0.1)	0.7	(0.1)	0.3	(0.1)	1.2	(0.2)
France	85.7	(1.3)	2.3	(0.4)	6.1	(0.7)	3.0	(0.4)	1.1	(0.2)	1.7	(0.3)
Germany	83.4	(1.0)	1.4	(0.2)	5.1	(0.5)	5.0	(0.5)	1.3	(0.2)	3.8	(0.4)
Greece	90.0	(0.9)	1.3	(0.3)	2.6	(0.3)	0.3	(0.1)	2.7	(0.4)	3.2	(0.5)
Hungary	97.1	(0.4)	0.8	(0.3)	0.9	(0.1)	0.0	(0.0)	1.1	(0.2)	0.1	(0.1)
Iceland	96.4	(0.3)	1.3	(0.2)	0.2	(0.1)	0.2	(0.1)	0.3	(0.1)	1.6	(0.2)
Ireland	89.8	(1.0)	2.2	(0.9)	1.3	(0.2)	0.1	(0.1)	3.1	(0.3)	3.5	(0.4)
Israel	77.4	(1.3)	4.2	(0.7)	9.3	(0.6)	2.6	(0.3)	1.7	(0.2)	4.7	(0.6)
Italy	84.0	(0.4)	10.7	(0.4)	0.8	(0.1)	0.5	(0.1)	1.0	(0.1)	3.1	(0.2)
Japan	99.6	(0.1)	0.1	(0.0)	0.1	(0.0)	0.0	(0.0)	0.1	(0.0)	0.1	(0.0)
Korea	99.9	(0.0)	0.1	(0.0)	c	c	c	c	c	c	c	c
Luxembourg	2.6	(0.3)	60.6	(0.7)	4.2	(0.3)	17.6	(0.6)	4.4	(0.2)	10.7	(0.5)
Mexico	96.1	(0.3)	2.2	(0.2)	0.7	(0.1)	0.1	(0.0)	0.8	(0.1)	0.3	(0.1)
Netherlands	87.6	(1.4)	1.5	(0.5)	5.3	(0.8)	2.5	(0.4)	1.0	(0.2)	2.1	(0.3)
New Zealand	72.5	(1.1)	2.8	(0.2)	5.0	(0.4)	3.0	(0.4)	7.9	(0.5)	8.7	(0.5)
Norway	91.2	(0.6)	2.0	(0.2)	1.2	(0.2)	2.4	(0.4)	0.3	(0.1)	2.9	(0.3)
Poland	99.4	(0.1)	0.6	(0.1)	c	c	c	c	c	c	c	c
Portugal	94.2	(0.5)	0.6	(0.1)	2.5	(0.3)	0.2	(0.1)	1.7	(0.2)	0.8	(0.1)
Slovak Republic	94.3	(0.8)	5.2	(0.8)	0.2	(0.1)	0.1	(0.0)	0.2	(0.1)	0.1	(0.1)
Slovenia	91.6	(0.4)	1.2	(0.2)	2.9	(0.3)	3.0	(0.3)	0.3	(0.1)	1.0	(0.2)
Spain	76.6	(1.0)	13.9	(0.9)	0.6	(0.1)	0.5	(0.1)	4.9	(0.4)	3.5	(0.3)
Sweden	88.6	(1.1)	1.2	(0.2)	2.9	(0.3)	4.0	(0.6)	0.6	(0.1)	2.8	(0.4)
Switzerland	75.6	(0.9)	3.1	(0.3)	6.2	(0.6)	7.4	(0.4)	3.0	(0.5)	4.8	(0.3)
Turkey	95.8	(0.6)	3.7	(0.5)	0.4	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)
United Kingdom	88.4	(1.0)	1.3	(0.2)	4.0	(0.6)	1.8	(0.3)	1.5	(0.2)	3.1	(0.3)
United States	79.3	(1.4)	1.4	(0.2)	6.0	(0.6)	6.9	(0.6)	1.7	(0.2)	4.7	(0.5)
OECD average	85.9	(0.1)	4.4	(0.1)	3.2	(0.1)	2.6	(0.1)	1.8	(0.0)	2.8	(0.1)
Partners												
Albania	98.4	(0.3)	1.0	(0.2)	0.5	(0.2)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)
Argentina	95.9	(0.5)	0.7	(0.1)	1.8	(0.3)	0.2	(0.1)	1.0	(0.2)	0.4	(0.1)
Azerbaijan	90.0	(1.2)	6.9	(1.0)	2.0	(0.5)	0.3	(0.1)	0.6	(0.1)	0.2	(0.1)
Brazil	98.6	(0.2)	0.6	(0.1)	0.5	(0.1)	0.0	(0.0)	0.3	(0.1)	0.0	(0.0)
Bulgaria	89.1	(1.8)	10.5	(1.7)	0.1	(0.1)	0.1	(0.0)	0.0	(0.0)	0.2	(0.1)
Colombia	99.3	(0.1)	0.4	(0.1)	0.3	(0.1)	0.0	(0.0)	0.1	(0.0)	0.0	(0.0)
Croatia	88.0	(0.7)	1.3	(0.4)	7.0	(0.5)	0.2	(0.1)	3.3	(0.3)	0.2	(0.1)
Dubai (UAE)	16.1	(0.4)	9.4	(0.4)	12.8	(0.5)	14.4	(0.5)	20.5	(0.6)	26.9	(0.6)
Hong Kong-China	57.8	(1.6)	2.8	(0.8)	22.8	(0.8)	1.2	(0.2)	12.2	(0.8)	3.3	(0.5)
Indonesia	35.5	(2.1)	64.3	(2.1)	c	c	c	c	0.0	(0.0)	0.2	(0.1)
Jordan	84.0	(0.9)	2.3	(0.3)	10.0	(0.7)	0.5	(0.1)	3.0	(0.3)	0.3	(0.1)
Kazakhstan	79.4	(1.3)	9.0	(0.8)	6.7	(0.8)	0.6	(0.2)	3.9	(0.6)	0.5	(0.1)
Kyrgyzstan	79.6	(1.6)	18.6	(1.6)	1.0	(0.1)	0.2	(0.1)	0.6	(0.2)	0.2	(0.1)
Latvia	87.1	(1.3)	8.6	(1.2)	3.3	(0.4)	0.7	(0.2)	0.3	(0.1)	0.1	(0.1)
Liechtenstein	69.5	(3.0)	0.7	(0.5)	8.1	(1.5)	5.7	(1.4)	7.6	(1.6)	8.5	(1.6)
Lithuania	94.7	(0.8)	3.6	(0.7)	1.0	(0.2)	0.6	(0.2)	0.1	(0.1)	0.1	(0.0)
Macao-China	24.1	(0.6)	5.5	(0.2)	50.6	(0.6)	4.3	(0.2)	14.2	(0.4)	1.3	(0.2)
Montenegro	92.4	(0.4)	1.0	(0.2)	2.3	(0.3)	0.2	(0.1)	3.6	(0.3)	0.5	(0.2)
Panama	92.4	(1.4)	3.9	(0.9)	0.8	(0.2)	0.4	(0.1)	1.4	(0.4)	1.2	(0.4)
Peru	94.7	(0.8)	4.9	(0.8)	0.3	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)
Qatar	34.2	(0.4)	19.4	(0.3)	13.1	(0.4)	6.9	(0.3)	14.0	(0.3)	12.5	(0.3)
Romania	96.6	(0.6)	3.1	(0.6)	0.1	(0.1)	0.0	(0.0)	0.1	(0.1)	0.1	(0.0)
Russian Federation	80.9	(1.4)	7.0	(1.1)	5.9	(0.5)	1.3	(0.7)	3.8	(0.4)	1.1	(0.2)
Serbia	89.0	(0.6)	1.6	(0.3)	5.1	(0.4)	0.1	(0.1)	4.1	(0.4)	0.2	(0.1)
Shanghai-China	98.1	(0.3)	1.3	(0.2)	0.1	(0.0)	0.0	(0.0)	0.3	(0.1)	0.1	(0.1)
Singapore	37.8	(0.8)	48.0	(1.0)	1.4	(0.2)	3.4	(0.3)	1.6	(0.2)	7.9	(0.4)
Chinese Taipei	77.9	(1.2)	21.7	(1.2)	0.2	(0.1)	0.0	(0.0)	0.1	(0.1)	0.1	(0.0)
Thailand	51.4	(1.7)	48.6	(1.7)	c	c	c	c	c	c	c	c
Trinidad and Tobago	95.4	(0.3)	2.3	(0.2)	1.2	(0.2)	0.1	(0.1)	0.7	(0.1)	0.4	(0.1)
Tunisia	99.6	(0.1)	0.1	(0.0)	0.2	(0.1)	0.0	(0.0)	0.1	(0.1)	0.0	(0.0)
Uruguay	97.3	(0.2)	2.2	(0.2)	0.2	(0.1)	0.0	(0.0)	0.2	(0.1)	0.1	(0.1)

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 2/3] **Percentage of students and reading performance, by immigrant status and language spoken at home** (continued)

Table B3.1 Results based on students' self-reports

	Reading performance												
	Non-immigrant students speaking another language at home		Non-immigrant students speaking the language of assessment at home		Second-generation students speaking another language at home		Second-generation students speaking the language of assessment at home		First-generation students speaking another language at home		First-generation students speaking the language of assessment at home		
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
OECD	Australia	461	(12.2)	516	(2.0)	527	(9.2)	534	(6.0)	505	(11.8)	530	(4.8)
	Austria	431	(19.1)	485	(3.0)	429	(7.3)	441	(11.6)	387	(11.1)	416	(28.5)
	Belgium	505	(5.2)	524	(2.4)	442	(10.7)	480	(8.3)	435	(10.5)	463	(12.9)
	Canada	495	(5.3)	530	(1.5)	517	(5.7)	530	(3.9)	516	(5.5)	535	(6.3)
	Chile	c	c	452	(3.0)	c	c	c	c	m	m	c	c
	Czech Republic	c	c	481	(2.8)	c	c	459	(17.1)	485	(21.5)	c	c
	Denmark	456	(20.7)	503	(2.2)	440	(5.6)	464	(6.3)	420	(8.3)	442	(10.5)
	Estonia	470	(9.2)	506	(2.7)	454	(14.5)	472	(6.9)	c	c	c	c
	Finland	499	(8.0)	539	(2.2)	476	(16.7)	c	c	446	(19.7)	c	c
	France	436	(14.9)	509	(3.8)	433	(13.3)	470	(9.6)	431	(18.6)	451	(21.3)
	Germany	493	(13.4)	513	(2.6)	448	(8.3)	483	(8.0)	450	(8.1)	480	(11.2)
	Greece	412	(16.7)	490	(4.4)	c	c	457	(10.0)	404	(20.3)	441	(16.6)
	Hungary	c	c	496	(3.1)	c	c	527	(12.8)	c	c	494	(11.6)
	Iceland	451	(16.0)	505	(1.4)	c	c	c	c	425	(14.6)	c	c
	Ireland	507	(14.2)	503	(3.0)	c	c	511	(13.3)	444	(11.4)	494	(9.5)
	Israel	444	(20.0)	484	(3.4)	523	(9.2)	486	(6.6)	476	(8.9)	464	(12.6)
	Italy	452	(3.7)	504	(1.4)	443	(12.1)	471	(10.3)	410	(4.9)	431	(9.9)
	Japan	c	c	522	(3.4)	c	c	c	c	c	c	c	c
	Korea	c	c	541	(3.4)	m	m	c	c	m	m	m	m
	Luxembourg	500	(2.0)	517	(11.7)	439	(3.5)	501	(6.9)	433	(6.0)	540	(8.3)
	Mexico	354	(7.4)	432	(1.8)	c	c	347	(10.2)	284	(14.9)	350	(8.8)
	Netherlands	510	(23.1)	517	(5.2)	463	(10.8)	477	(10.6)	471	(15.1)	483	(20.8)
	New Zealand	432	(9.4)	530	(2.5)	469	(13.3)	516	(8.9)	491	(6.0)	553	(5.9)
	Norway	466	(10.9)	509	(2.5)	453	(9.4)	484	(13.4)	440	(7.8)	c	c
	Poland	c	c	503	(2.6)	m	m	m	m	m	m	c	c
	Portugal	493	(14.9)	493	(3.1)	c	c	486	(9.1)	455	(10.5)	463	(11.5)
	Slovak Republic	413	(12.3)	483	(2.6)	c	c	c	c	c	c	c	c
	Slovenia	464	(14.4)	489	(1.1)	439	(6.7)	466	(8.6)	412	(11.3)	c	c
	Spain	489	(4.1)	488	(2.0)	458	(14.1)	466	(11.9)	414	(6.1)	436	(4.5)
	Sweden	454	(19.4)	509	(2.7)	445	(8.2)	473	(10.2)	415	(13.2)	c	c
	Switzerland	490	(7.9)	517	(2.2)	465	(5.2)	498	(5.6)	436	(6.0)	507	(10.9)
Turkey	409	(11.1)	468	(3.6)	c	c	c	c	c	c	c	c	
United Kingdom	433	(11.5)	501	(2.3)	471	(10.1)	504	(8.9)	457	(10.3)	470	(11.8)	
United States	453	(14.5)	507	(3.8)	473	(7.2)	496	(8.1)	476	(8.4)	513	(12.8)	
OECD average	460	(2.5)	502	(0.6)	462	(2.2)	481	(1.9)	439	(2.4)	474	(2.9)	
Partners	Albania	367	(19.9)	389	(4.0)	m	m	c	c	c	c	c	c
	Argentina	c	c	404	(4.6)	c	c	376	(13.1)	c	c	377	(26.7)
	Azerbaijan	386	(10.7)	361	(3.4)	c	c	359	(10.3)	c	c	c	c
	Brazil	362	(12.4)	416	(2.7)	c	c	322	(18.9)	c	c	305	(20.9)
	Bulgaria	343	(10.0)	446	(6.5)	c	c	c	c	c	c	c	c
	Colombia	371	(25.8)	416	(3.6)	m	m	c	c	m	m	c	c
	Croatia	470	(21.5)	479	(2.9)	c	c	466	(5.4)	c	c	454	(8.5)
	Dubai (UAE)	415	(4.4)	386	(2.9)	463	(3.8)	480	(5.0)	488	(3.0)	528	(3.4)
	Hong Kong-China	466	(8.8)	540	(2.8)	497	(14.8)	546	(3.2)	484	(12.3)	520	(5.0)
	Indonesia	400	(3.6)	409	(6.4)	m	m	m	m	c	c	c	c
	Jordan	388	(12.9)	408	(3.1)	389	(19.2)	423	(6.6)	c	c	420	(9.2)
	Kazakhstan	405	(8.3)	389	(3.2)	381	(18.4)	418	(12.9)	411	(18.6)	360	(9.4)
	Kyrgyzstan	359	(6.7)	308	(3.3)	c	c	373	(24.1)	c	c	c	c
	Latvia	472	(9.2)	488	(3.0)	c	c	484	(9.6)	c	c	c	c
	Liechtenstein	c	c	513	(4.5)	c	c	c	c	c	c	c	c
	Lithuania	433	(7.5)	473	(2.5)	c	c	435	(13.3)	c	c	c	c
	Macao-China	450	(3.6)	492	(2.3)	451	(4.5)	494	(1.4)	447	(8.7)	496	(2.5)
	Montenegro	362	(14.5)	411	(1.7)	c	c	439	(10.0)	c	c	415	(7.7)
	Panama	317	(20.3)	385	(5.5)	c	c	413	(35.5)	c	c	371	(42.6)
	Peru	272	(7.6)	381	(4.0)	m	m	c	c	c	c	c	c
	Qatar	326	(2.3)	336	(1.6)	390	(5.4)	394	(2.7)	470	(3.7)	449	(3.0)
	Romania	361	(13.1)	428	(4.0)	m	m	c	c	c	c	c	c
	Russian Federation	421	(9.1)	468	(3.3)	389	(26.1)	446	(6.0)	392	(14.4)	459	(7.7)
	Serbia	406	(12.4)	443	(2.4)	c	c	466	(6.9)	c	c	446	(7.2)
	Shanghai-China	493	(12.1)	558	(2.3)	m	m	c	c	c	c	c	c
	Singapore	503	(1.9)	561	(2.0)	526	(7.5)	591	(13.4)	516	(5.4)	559	(9.4)
	Chinese Taipei	472	(4.1)	510	(2.6)	c	c	c	c	c	c	c	c
Thailand	413	(3.5)	431	(3.3)	m	m	m	m	m	m	m	m	
Trinidad and Tobago	351	(14.6)	425	(1.3)	c	c	418	(19.8)	c	c	423	(26.4)	
Tunisia	c	c	404	(2.9)	m	m	c	c	c	c	c	c	
Uruguay	383	(9.0)	430	(2.5)	c	c	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 3/3] **Percentage of students and reading performance, by immigrant status and language spoken at home (continued)**

Table B3.1 Results based on students' self-reports

		Difference in reading performance between non-immigrant students speaking the language of assessment at home and...																			
		Non-immigrant students speaking another language at home		Second-generation students speaking another language at home		Second-generation students speaking the language of assessment at home		First-generation students speaking another language at home		First-generation students speaking the language of assessment at home		Non-immigrant students speaking another language at home, after adjusting for socio-economic background		Second-generation students speaking another language at home, after adjusting for socio-economic background		Second-generation students speaking the language of assessment at home, after adjusting for socio-economic background		First-generation students speaking another language at home, after adjusting for socio-economic background		First-generation students speaking the language of assessment at home, after adjusting for socio-economic background	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	55	(12.2)	-11	(9.1)	-18	(6.2)	11	(11.7)	-14	(4.5)	45	(12.1)	-24	(8.2)	-17	(5.4)	5	(10.0)	-7	(4.0)
	Austria	54	(18.9)	56	(8.0)	44	(11.9)	98	(11.4)	69	(28.5)	38	(15.7)	22	(7.9)	22	(13.0)	54	(11.4)	58	(20.7)
	Belgium	19	(5.5)	82	(10.9)	45	(8.3)	89	(10.5)	61	(12.7)	7	(5.0)	46	(10.0)	26	(8.0)	54	(8.1)	43	(10.3)
	Canada	35	(5.3)	13	(5.9)	-0	(4.0)	14	(5.8)	-5	(6.1)	33	(4.8)	2	(5.5)	-3	(3.6)	13	(5.3)	-1	(5.5)
	Chile	c	c	c	c	c	c	c	m	c	c	c	c	c	c	c	c	m	m	c	c
	Czech Republic	c	c	c	c	22	(16.9)	-3	(21.0)	c	c	c	c	c	c	9	(16.1)	-0	(19.9)	c	c
	Denmark	47	(20.5)	62	(5.7)	39	(6.2)	83	(8.4)	61	(11.0)	36	(19.8)	30	(5.1)	15	(5.8)	53	(7.8)	41	(11.3)
	Estonia	36	(9.5)	52	(14.9)	34	(6.8)	c	c	c	c	31	(9.5)	44	(14.8)	33	(6.2)	c	c	c	c
	Finland	40	(8.0)	63	(16.9)	c	c	93	(19.5)	c	c	47	(7.8)	58	(17.3)	c	c	76	(17.6)	c	c
	France	73	(15.4)	76	(14.0)	39	(9.9)	78	(18.7)	58	(21.8)	56	(12.5)	31	(14.2)	17	(9.0)	35	(18.7)	41	(17.9)
	Germany	21	(13.3)	66	(8.3)	30	(7.9)	63	(8.2)	34	(11.4)	17	(12.6)	30	(8.2)	6	(7.5)	39	(7.8)	10	(11.0)
	Greece	78	(17.4)	c	c	34	(9.9)	87	(20.1)	50	(16.3)	61	(15.4)	c	c	22	(9.5)	57	(21.8)	25	(15.3)
	Hungary	c	c	c	c	-31	(12.8)	c	c	2	(11.8)	c	c	c	c	-22	(11.2)	c	c	-4	(10.5)
	Iceland	54	(16.1)	c	c	c	c	80	(14.7)	c	c	57	(15.8)	c	c	c	c	55	(15.3)	c	c
	Ireland	-5	(14.1)	c	c	-9	(13.9)	59	(11.4)	8	(10.0)	-0	(12.0)	c	c	-7	(13.5)	57	(10.9)	20	(9.0)
	Israel	40	(20.3)	-39	(9.5)	-2	(6.5)	8	(9.5)	20	(12.2)	37	(17.4)	-48	(10.3)	-16	(5.5)	-16	(8.6)	-16	(13.4)
	Italy	53	(3.8)	62	(12.4)	34	(10.3)	95	(5.3)	73	(9.9)	34	(3.4)	43	(12.9)	21	(8.9)	71	(5.1)	59	(9.2)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	m	m	c	c	m	m	m	m	c	c	m	m	c	c	m	m	m	m
	Luxembourg	17	(11.6)	77	(12.6)	15	(14.1)	83	(13.8)	-23	(13.6)	9	(11.9)	30	(13.2)	5	(13.9)	40	(14.0)	-23	(13.3)
	Mexico	79	(7.6)	c	c	85	(10.2)	148	(14.7)	82	(8.4)	54	(7.4)	c	c	72	(10.4)	122	(13.8)	71	(7.8)
	Netherlands	6	(23.7)	54	(11.7)	40	(11.7)	46	(12.8)	34	(21.1)	1	(22.1)	14	(12.2)	15	(11.0)	12	(12.0)	0	(16.8)
	New Zealand	98	(9.4)	60	(13.7)	14	(9.4)	38	(6.5)	-23	(6.0)	75	(9.9)	40	(11.9)	4	(6.4)	36	(5.9)	-7	(5.6)
	Norway	44	(10.0)	56	(9.8)	25	(12.9)	69	(7.6)	c	c	44	(9.0)	39	(8.9)	17	(10.8)	43	(7.5)	c	c
	Poland	c	c	m	m	m	m	m	m	c	c	c	m	m	m	m	m	m	m	c	c
	Portugal	-1	(14.6)	c	c	7	(9.2)	38	(10.7)	30	(11.5)	6	(13.3)	c	c	7	(8.0)	39	(9.9)	30	(10.5)
	Slovak Republic	71	(12.3)	c	c	c	c	c	c	c	c	49	(9.5)	c	c	c	c	c	c	c	c
	Slovenia	24	(14.7)	50	(6.9)	23	(8.4)	77	(11.5)	c	c	18	(14.4)	24	(7.0)	7	(8.7)	41	(12.0)	c	c
	Spain	-0	(4.0)	30	(13.9)	23	(11.9)	74	(5.8)	52	(4.8)	-0	(4.6)	23	(14.4)	16	(12.6)	59	(5.6)	38	(4.3)
	Sweden	55	(19.1)	64	(8.4)	36	(10.3)	94	(13.4)	c	c	43	(16.9)	37	(7.8)	23	(9.9)	60	(11.4)	c	c
	Switzerland	26	(7.7)	51	(4.8)	19	(5.2)	81	(6.0)	9	(10.7)	25	(6.7)	24	(5.0)	5	(7.1)	52	(5.7)	14	(8.4)
	Turkey	59	(12.1)	c	c	c	c	c	c	c	c	30	(12.1)	c	c	c	c	c	c	c	c
	United Kingdom	68	(11.5)	30	(10.2)	-3	(9.2)	43	(10.6)	31	(11.7)	62	(11.0)	16	(7.8)	-1	(8.2)	26	(8.4)	27	(11.4)
	United States	55	(14.5)	34	(7.6)	11	(7.8)	31	(8.4)	-6	(11.7)	28	(13.0)	-10	(6.6)	-5	(6.1)	-8	(6.4)	-19	(10.5)
	OECD average	43	(2.6)	47	(2.3)	21	(2.0)	65	(2.4)	29	(2.9)	34	(2.4)	23	(2.3)	10	(1.9)	41	(2.3)	19	(2.5)
Partners	Albania	22	(19.9)	m	m	c	c	c	c	c	c	22	(15.2)	m	m	c	c	c	c	c	c
	Argentina	c	c	c	c	28	(13.7)	c	c	27	(26.9)	c	c	c	c	-1	(12.9)	c	c	9	(26.7)
	Azerbaijan	-24	(11.0)	c	c	2	(10.6)	c	c	c	c	-15	(8.5)	c	c	3	(10.1)	c	c	c	c
	Brazil	54	(12.4)	c	c	94	(19.2)	c	c	112	(21.0)	65	(12.7)	c	c	91	(17.4)	c	c	97	(25.0)
	Bulgaria	103	(10.5)	c	c	c	c	c	c	c	c	61	(10.4)	c	c	c	c	c	c	c	c
	Colombia	45	(25.8)	m	m	c	c	m	m	c	c	67	(23.7)	m	m	c	c	m	m	c	c
	Croatia	9	(21.6)	c	c	13	(5.3)	c	c	26	(8.3)	6	(17.5)	c	c	7	(4.8)	c	c	12	(8.1)
	Dubai (UAE)	-29	(5.5)	-78	(5.2)	-94	(6.0)	-102	(4.2)	-143	(4.7)	3	(5.3)	-64	(5.1)	-81	(5.9)	-80	(4.1)	-110	(4.9)
	Hong Kong-China	73	(9.2)	43	(15.2)	-6	(3.7)	55	(12.7)	20	(6.0)	89	(8.1)	43	(14.8)	-18	(3.3)	37	(12.4)	3	(5.7)
	Indonesia	9	(6.4)	m	m	m	m	c	c	c	c	-6	(4.7)	m	m	m	m	c	c	c	c
	Jordan	20	(12.7)	19	(19.4)	-15	(5.7)	c	c	-12	(9.0)	25	(14.3)	28	(20.9)	-9	(5.1)	c	c	-0	(8.7)
	Kazakhstan	-17	(8.0)	8	(18.8)	-29	(13.2)	-23	(18.9)	28	(9.6)	-9	(6.6)	-0	(19.5)	-30	(12.1)	-21	(17.1)	18	(7.5)
	Kyrgyzstan	-52	(6.5)	c	c	-65	(23.9)	c	c	c	c	-30	(5.4)	c	c	-56	(20.3)	c	c	c	c
	Latvia	16	(9.6)	c	c	4	(9.4)	c	c	c	c	7	(8.1)	c	c	7	(7.3)	c	c	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	41	(7.9)	c	c	38	(13.9)	c	c	c	c	32	(7.2)	c	c	30	(13.9)	c	c	c	c
	Macao-China	42	(4.3)	41	(4.7)	-2	(2.7)	45	(9.2)	-5	(3.4)	54	(4.3)	47	(4.7)	-8	(2.9)	50	(9.3)	-9	(3.5)
	Montenegro	48	(14.6)	c	c	-29	(10.2)	c	c	-4	(8.0)	36	(15.4)	c	c	-17	(10.0)	c	c	-2	(8.0)
	Panama	68	(21.1)	c	c	-27	(34.9)	c	c	14	(42.0)	56	(12.6)	c	c	-12	(37.1)	c	c	25	(36.9)
	Peru	109	(8.3)	m	m	c	c	c	c	c	c	61	(8.7)	m	m	c	c	c	c	c	c
	Qatar	10	(2.8)	-54	(5.4)	-58	(3.0)	-134	(4.3)	-113	(3.5)	22	(2.8)	-52	(5.4)	-60	(3.1)	-125	(4.4)	-104	(3.6)
	Romania	67	(13.2)	m	m	c	c	c	c	c	c	48	(10.9)	m	m	c	c	c	c	c	c
	Russian Federation	47	(9.6)	79	(26.1)	22	(6.1)	76	(14.4)	9	(7.4)	32	(7.7)	63	(27.3)	18	(6.0)	61	(13.6)	6	(6.9)
	Serbia	37	(12.3)	c	c	-23	(7.0)	c	c	-3	(7.3)	20	(12.1)	c	c	-23	(6.7)	c	c	-11	(7.1)
	Shanghai-China	65	(12.1)	m	m	c	c	c	c	c	c	41	(10.4)	m	m	c	c	c	c	c	c
	Singapore	58	(3.0)	35	(7.5)	-30	(13.3)	46	(5.7)	2	(9.5)	28	(3.2)	10	(7.2)	-20	(12.8)	37	(5.6)	7	(9.2)
	Chinese Taipei	38	(4.5)	c	c	c	c	c	c	c	c	22	(4.3)	c	c	c	c	c	c	c	c
	Thailand	18	(4.4)	m	m	m	m	m	m	m	m	-2	(3.6)	m	m	m	m	m	m	m	m
	Trinidad and Tobago	74	(14.9)	c	c	7	(9.8)	c	c	2	(26.8)	70	(15.0)	c	c	13	(19.3)	c	c	-0	(18.7)
	Tunisia	c	c	m	m	c	c	c	c	c	c	c	c	m	m	c	c	c	c	c	c
	Uruguay	47	(9.0)	c	c	c	c	c	c	c	c	25	(8.4)	c	c	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B3.2 Performance difference in reading with non-immigrant students adjusting for mother's educational attainment

	Second-generation students		First-generation students		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD										
Australia	17.4	(6.4)	1.5	(5.6)	5.3	(10.3)	39.9	(9.8)	75.5	(10.1)
Austria	-38.7	(7.5)	-78.4	(12.4)	29.2	(14.5)	69.5	(14.8)	98.3	(15.2)
Belgium	-46.4	(7.5)	-56.1	(7.9)	39.3	(8.2)	33.2	(6.9)	75.5	(7.3)
Canada	0.3	(3.6)	-7.3	(4.5)	17.7	(9.5)	33.9	(8.7)	57.6	(8.8)
Chile	c	c	c	c	c	c	c	c	c	c
Czech Republic	-21.4	(14.9)	-5.0	(17.2)	c	c	c	c	c	c
Denmark	-36.7	(5.1)	-65.2	(7.3)	4.0	(7.4)	35.9	(7.4)	56.7	(7.2)
Estonia	-35.3	(6.8)	-36.7	(17.3)	c	c	c	c	c	c
Finland	-40.5	(13.1)	-82.4	(16.4)	22.9	(9.4)	31.0	(7.8)	60.4	(7.3)
France	-29.3	(9.1)	-56.9	(14.0)	24.0	(11.8)	53.8	(12.4)	83.6	(12.8)
Germany	-37.4	(6.6)	-56.3	(7.3)	2.3	(10.4)	55.6	(9.9)	77.8	(10.6)
Greece	-39.5	(12.5)	-64.1	(13.3)	6.5	(8.5)	43.5	(8.4)	63.8	(9.0)
Hungary	m	m	m	m	m	m	m	m	m	m
Iceland	c	c	-85.2	(14.8)	30.9	(19.4)	48.4	(19.8)	71.6	(19.1)
Ireland	6.6	(13.8)	-44.8	(7.5)	15.3	(9.7)	46.5	(8.6)	70.6	(9.3)
Israel	12.1	(5.9)	-11.9	(7.5)	17.0	(8.4)	67.8	(8.8)	123.9	(9.1)
Italy	-39.6	(8.1)	-77.0	(5.2)	32.3	(5.3)	71.3	(6.1)	72.1	(6.4)
Japan	c	c	c	c	c	c	c	c	c	c
Korea	c	c	m	m	c	c	c	c	c	c
Luxembourg	-31.6	(7.6)	-28.9	(17.5)	28.6	(7.1)	52.6	(9.1)	72.2	(13.9)
Mexico	-80.7	(12.3)	-93.6	(11.1)	28.8	(2.4)	54.8	(3.4)	57.7	(3.1)
Netherlands	-34.7	(9.1)	-24.5	(11.5)	20.4	(7.9)	28.5	(8.1)	46.0	(8.5)
New Zealand	-19.3	(8.3)	-17.1	(4.9)	49.4	(12.0)	64.4	(10.9)	98.2	(11.3)
Norway	-36.7	(8.9)	-46.3	(8.1)	62.4	(12.6)	66.1	(11.1)	88.0	(11.1)
Poland	m	m	c	c	c	c	c	c	c	c
Portugal	-17.5	(8.8)	-49.4	(8.6)	18.4	(3.7)	46.3	(4.3)	69.7	(5.7)
Slovak Republic	c	c	c	c	c	c	c	c	c	c
Slovenia	-26.7	(6.7)	-57.1	(12.2)	10.5	(39.6)	40.5	(38.9)	79.7	(38.6)
Spain	-28.0	(10.4)	-62.1	(4.0)	16.3	(3.7)	36.9	(3.8)	59.7	(4.4)
Sweden	-36.2	(6.7)	-71.0	(10.7)	37.9	(11.6)	70.3	(10.7)	84.9	(11.0)
Switzerland	-28.2	(4.5)	-46.2	(6.7)	12.6	(8.2)	43.8	(9.0)	60.6	(9.9)
Turkey	c	c	c	c	c	c	c	c	c	c
United Kingdom	-2.3	(8.4)	-33.9	(8.2)	29.3	(11.2)	56.5	(11.0)	80.8	(11.3)
United States	-4.6	(5.6)	-6.6	(7.0)	-4.6	(7.0)	23.5	(6.8)	61.5	(8.0)
OECD average	-26.0	(1.7)	-46.8	(2.1)	22.3	(2.5)	48.6	(2.5)	73.8	(2.5)
Partners										
Albania	c	c	c	c	c	c	c	c	c	c
Argentina	-22.9	(12.9)	-44.5	(25.6)	36.1	(6.9)	49.4	(6.5)	69.6	(7.0)
Azerbaijan	-4.4	(9.4)	15.1	(13.2)	19.4	(11.0)	17.7	(10.3)	42.8	(10.6)
Brazil	-94.1	(19.5)	-106.3	(22.5)	25.0	(3.2)	49.6	(3.7)	56.7	(7.4)
Bulgaria	c	c	c	c	c	c	c	c	c	c
Colombia	c	c	c	c	c	c	c	c	c	c
Croatia	-8.0	(5.9)	-20.4	(8.4)	0.1	(13.2)	44.4	(13.6)	55.7	(14.3)
Dubai (UAE)	56.6	(8.9)	83.5	(8.9)	22.7	(7.4)	47.5	(8.1)	81.4	(9.4)
Hong Kong-China	13.5	(3.6)	-15.7	(5.6)	5.3	(3.5)	20.8	(3.8)	36.6	(8.6)
Indonesia	m	m	c	c	c	c	c	c	c	c
Jordan	11.6	(5.8)	1.9	(8.9)	18.5	(4.2)	31.2	(4.5)	51.6	(5.6)
Kazakhstan	27.7	(13.1)	-19.2	(7.9)	c	c	c	c	c	c
Kyrgyzstan	41.8	(19.5)	13.5	(18.8)	c	c	c	c	c	c
Latvia	-14.5	(8.5)	c	c	c	c	c	c	c	c
Liechtenstein	-8.3	(17.2)	-24.6	(12.0)	c	c	c	c	c	c
Lithuania	-25.5	(12.3)	c	c	c	c	c	c	c	c
Macao-China	7.8	(4.7)	8.3	(6.9)	5.8	(2.8)	10.0	(4.6)	13.2	(9.5)
Montenegro	19.8	(10.9)	-5.4	(9.7)	20.4	(12.1)	66.5	(15.0)	86.1	(17.5)
Panama	22.2	(27.2)	-57.3	(29.4)	12.7	(7.4)	35.0	(8.3)	59.5	(10.7)
Peru	c	c	c	c	c	c	c	c	c	c
Qatar	61.1	(8.2)	119.3	(10.9)	13.1	(7.5)	20.3	(7.6)	42.2	(9.7)
Romania	c	c	c	c	c	c	c	c	c	c
Russian Federation	-23.7	(6.3)	-14.7	(6.8)	c	c	c	c	c	c
Serbia	21.4	(7.3)	4.8	(6.9)	13.6	(15.7)	50.3	(17.1)	56.5	(17.6)
Shanghai-China	c	c	c	c	c	c	c	c	c	c
Singapore	15.9	(7.0)	-18.9	(5.5)	10.0	(7.2)	49.4	(4.7)	76.2	(6.5)
Chinese Taipei	c	c	c	c	c	c	c	c	c	c
Thailand	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	-8.5	(25.4)	10.5	(29.5)	18.6	(10.2)	29.0	(6.8)	51.2	(10.5)
Tunisia	c	c	c	c	c	c	c	c	c	c
Uruguay	c	c	c	c	c	c	c	c	c	c

Note: Coefficient of OLS regression with dummies. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B3.3 Performance difference in reading with non-immigrant students adjusting for mother's educational attainment and language spoken at home

	Second-generation students		First-generation students		Does not speak the assessment language at home		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD												
Australia	22.5	(5.4)	7.6	(4.6)	-14.6	(7.1)	0.1	(10.6)	34.3	(10.4)	70.7	(10.7)
Austria	-24.8	(10.8)	-58.8	(14.7)	-14.8	(10.0)	34.5	(15.1)	76.3	(15.4)	105.1	(15.8)
Belgium	-38.9	(8.3)	-50.6	(9.1)	-15.3	(5.3)	38.5	(8.5)	33.4	(7.3)	74.7	(7.7)
Canada	7.8	(3.6)	6.0	(4.7)	-18.3	(3.5)	18.3	(9.4)	33.6	(8.6)	57.2	(8.7)
Chile	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	-5.2	(16.1)	12.8	(22.6)	-7.3	(21.0)	c	c	c	c	c	c
Denmark	-22.0	(5.8)	-49.2	(8.8)	-19.5	(7.0)	3.2	(7.7)	34.7	(7.6)	55.7	(7.5)
Estonia	-33.0	(6.8)	-28.7	(18.0)	-33.3	(7.9)	c	c	c	c	c	c
Finland	-18.0	(14.4)	-53.5	(17.7)	-36.7	(7.5)	22.4	(9.4)	30.4	(7.7)	59.9	(7.3)
France	-13.4	(9.1)	-28.0	(13.6)	-38.1	(10.6)	19.0	(11.9)	47.4	(12.4)	77.9	(13.1)
Germany	-19.9	(6.9)	-33.2	(9.6)	-22.9	(8.0)	-6.3	(11.7)	47.1	(10.6)	71.3	(11.3)
Greece	-33.4	(12.4)	-39.7	(13.3)	-42.6	(13.1)	4.8	(8.5)	40.7	(8.2)	61.9	(8.8)
Hungary	m	m	m	m	m	m	m	m	m	m	m	m
Iceland	c	c	-47.7	(18.0)	-44.7	(16.4)	29.9	(19.3)	48.4	(19.8)	72.2	(19.0)
Ireland	7.5	(13.7)	-32.6	(9.1)	-20.6	(11.5)	17.1	(9.8)	47.9	(8.7)	72.4	(9.4)
Israel	18.3	(6.6)	6.4	(11.8)	-15.9	(12.0)	17.0	(8.8)	70.6	(9.2)	127.2	(9.6)
Italy	-22.1	(7.6)	-54.3	(5.4)	-40.5	(3.6)	27.2	(4.8)	62.7	(5.0)	64.0	(5.3)
Japan	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	m	m	c	c	c	c	c	c	c	c
Luxembourg	-36.4	(5.1)	-32.3	(13.3)	-46.5	(12.0)	25.3	(6.8)	48.2	(8.0)	63.8	(10.3)
Mexico	-78.4	(10.9)	-70.4	(6.8)	-62.9	(7.5)	26.1	(2.3)	52.3	(3.4)	56.3	(3.0)
Netherlands	-31.2	(10.5)	-17.6	(14.1)	-6.2	(11.1)	22.5	(8.5)	29.0	(8.8)	47.0	(9.1)
New Zealand	1.2	(7.6)	13.8	(5.2)	-63.3	(6.5)	41.8	(11.8)	55.6	(10.8)	90.4	(11.3)
Norway	-12.0	(11.6)	-13.4	(11.7)	-39.0	(9.1)	60.9	(12.7)	64.1	(11.2)	85.6	(11.2)
Poland	m	m	c	c	c	c	c	c	c	c	c	c
Portugal	-14.0	(9.4)	-42.5	(10.3)	-12.3	(11.8)	19.0	(3.8)	46.6	(4.3)	70.1	(5.7)
Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	-12.8	(7.7)	-42.8	(13.4)	-19.2	(9.0)	9.3	(40.2)	38.9	(39.4)	78.7	(39.0)
Spain	-26.3	(10.5)	-60.8	(4.1)	-4.2	(4.4)	16.0	(3.8)	36.9	(3.9)	59.0	(4.4)
Sweden	-16.4	(9.4)	-41.9	(13.1)	-34.4	(10.0)	33.4	(12.2)	65.8	(11.5)	80.5	(11.8)
Switzerland	-6.2	(5.2)	-23.4	(6.7)	-32.4	(4.8)	7.5	(7.9)	36.9	(8.6)	53.6	(9.4)
Turkey	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	4.8	(8.7)	-15.0	(9.0)	-26.0	(7.9)	25.0	(11.2)	50.7	(10.8)	75.1	(11.3)
United States	3.3	(6.3)	5.5	(8.5)	-18.2	(6.5)	-8.0	(6.9)	17.8	(6.8)	55.0	(7.9)
OECD average	-15.3	(1.8)	-29.0	(2.3)	-27.8	(1.9)	20.2	(2.5)	46.0	(2.5)	71.4	(2.5)
Partners												
Albania	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	-3.6	(14.4)	-21.4	(26.5)	-75.1	(18.7)	35.3	(6.9)	50.2	(6.4)	71.4	(6.9)
Azerbaijan	-5.9	(9.4)	14.3	(12.9)	20.0	(9.4)	19.5	(10.8)	17.5	(10.3)	42.1	(10.5)
Brazil	-93.0	(19.8)	-100.5	(23.1)	-54.1	(11.5)	24.8	(3.3)	50.1	(3.7)	57.6	(7.4)
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	c	c	c	c	c	c	c	c	c	c	c	c
Croatia	-7.7	(5.9)	-19.4	(8.5)	-12.1	(19.4)	1.1	(13.4)	45.4	(13.8)	57.2	(14.4)
Dubai (UAE)	60.0	(8.7)	86.1	(8.4)	-26.0	(7.3)	31.5	(8.2)	60.9	(8.9)	96.1	(9.8)
Hong Kong-China	13.6	(3.6)	-5.9	(4.9)	-59.2	(9.9)	3.7	(3.4)	20.0	(3.6)	43.2	(6.0)
Indonesia	m	m	c	c	c	c	c	c	c	c	c	c
Jordan	12.2	(5.7)	5.9	(8.6)	-24.8	(11.4)	17.8	(4.2)	31.0	(4.6)	52.6	(5.4)
Kazakhstan	28.0	(13.1)	-19.1	(7.8)	16.8	(6.4)	c	c	c	c	c	c
Kyrgyzstan	45.6	(20.3)	16.2	(19.6)	41.2	(6.5)	c	c	c	c	c	c
Latvia	-11.4	(8.4)	c	c	-15.2	(8.9)	c	c	c	c	c	c
Liechtenstein	-0.8	(18.7)	-9.4	(14.8)	-37.5	(17.0)	c	c	c	c	c	c
Lithuania	-14.0	(12.9)	c	c	-31.9	(7.7)	c	c	c	c	c	c
Macao-China	3.8	(4.3)	3.6	(6.1)	-48.5	(14.2)	6.9	(2.8)	16.0	(4.4)	25.3	(8.2)
Montenegro	20.9	(10.4)	-0.3	(9.1)	-41.7	(13.3)	18.0	(12.3)	63.7	(13.9)	82.6	(16.4)
Panama	53.6	(30.1)	-32.6	(27.1)	-58.5	(12.0)	11.6	(7.9)	33.5	(7.8)	57.7	(10.2)
Peru	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	60.9	(8.3)	120.7	(11.2)	-5.5	(12.1)	14.0	(7.5)	21.2	(7.7)	44.8	(10.0)
Romania	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	-20.9	(6.2)	-9.6	(7.0)	-40.7	(9.5)	c	c	c	c	c	c
Serbia	21.7	(7.3)	5.3	(7.1)	-20.1	(10.3)	10.8	(16.0)	47.2	(17.4)	53.3	(17.8)
Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	21.9	(7.1)	-2.9	(5.8)	-43.1	(4.0)	6.9	(7.6)	35.9	(4.6)	51.4	(6.2)
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	-7.2	(26.2)	34.8	(29.9)	-68.8	(14.3)	18.7	(10.3)	29.4	(6.9)	53.0	(10.5)
Tunisia	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c

Note: Coefficient of OLS regression with dummies. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less. Does not speak the language of assessment at home is defined for both immigrant and non-immigrant students, i.e. it is possible to have a value of 1 on this dummy variable and not be an immigrant student.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Differential score if attending pre-primary school for at least one year, non-immigrants and second-generation immigrants

Table B3.4a Results based on students' self-reports

	Non-immigrant students, reading score				Second-generation students, reading score				Difference in reading score, between those attending and not attending pre-primary education			
	Not attending pre-primary		Attending pre-primary		Not attending pre-primary		Attending pre-primary		Non-immigrant students		Second-generation students	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean dif.	S.E.	Mean dif.	S.E.
OECD												
Australia	506	(2.7)	523	(3.0)	521	(7.0)	545	(8.9)	17	(2.7)	24	(8.6)
Austria	459	(7.5)	488	(5.6)	410	(11.5)	433	(7.5)	29	(5.4)	23	(11.4)
Belgium	445	(6.9)	528	(4.0)	c	c	468	(7.9)	83	(6.3)	c	c
Canada	517	(1.8)	542	(2.1)	511	(4.4)	534	(4.5)	24	(2.3)	24	(5.3)
Chile	m	m	m	m	m	m	m	m	m	m	m	m
Czech Republic	474	(6.4)	485	(4.4)	c	c	466	(16.1)	10	(4.9)	c	c
Denmark	483	(3.2)	510	(2.4)	432	(5.8)	455	(5.2)	27	(3.1)	23	(6.5)
Estonia	497	(4.3)	507	(3.4)	462	(12.5)	471	(6.7)	10	(3.4)	9	(14.1)
Finland	527	(2.7)	544	(2.3)	c	c	491	(14.1)	17	(2.9)	c	c
France	451	(9.9)	511	(6.0)	c	c	455	(9.9)	59	(9.2)	c	c
Germany	474	(6.1)	521	(4.3)	437	(11.9)	469	(7.1)	47	(4.7)	32	(11.3)
Greece	472	(5.7)	497	(4.4)	432	(17.9)	479	(11.8)	25	(4.5)	47	(24.2)
Hungary	m	m	m	m	m	m	m	m	m	m	m	m
Iceland	479	(7.5)	506	(3.2)	m	m	c	c	27	(8.2)	c	c
Ireland	503	(4.0)	502	(4.6)	506	(17.5)	c	c	-0	(3.7)	5	(24.6)
Israel	429	(7.3)	501	(4.8)	470	(13.9)	494	(7.1)	72	(5.9)	24	(11.9)
Italy	454	(4.2)	497	(2.8)	412	(17.9)	461	(7.6)	43	(3.6)	49	(21.4)
Japan	m	m	m	m	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m	m	m	m	m
Luxembourg	464	(13.9)	498	(9.1)	432	(15.8)	440	(10.5)	34	(7.8)	8	(8.9)
Mexico	414	(2.6)	437	(2.2)	338	(11.1)	342	(16.4)	23	(2.0)	4	(16.8)
Netherlands	523	(11.2)	518	(6.2)	461	(19.0)	473	(8.4)	-6	(10.3)	12	(20.6)
New Zealand	510	(4.9)	533	(3.9)	484	(13.9)	511	(9.6)	23	(4.6)	27	(13.1)
Norway	491	(4.3)	511	(2.6)	c	c	470	(7.9)	20	(4.5)	c	c
Poland	m	m	m	m	m	m	m	m	m	m	m	m
Portugal	475	(4.1)	504	(3.9)	455	(12.0)	492	(12.3)	29	(3.5)	37	(11.4)
Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
Slovenia	471	(5.8)	499	(5.7)	447	(12.7)	451	(7.5)	28	(3.7)	4	(14.6)
Spain	459	(3.8)	493	(2.3)	441	(15.4)	468	(8.7)	34	(3.6)	27	(16.4)
Sweden	495	(3.4)	514	(3.0)	442	(8.9)	468	(8.0)	19	(3.4)	26	(11.8)
Switzerland	513	(6.2)	514	(3.9)	456	(8.5)	477	(6.7)	1	(5.5)	21	(10.0)
Turkey	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom	482	(3.2)	509	(3.3)	475	(11.0)	502	(9.6)	27	(2.9)	27	(12.0)
United States	496	(5.3)	509	(4.7)	470	(6.1)	491	(6.6)	13	(3.9)	21	(6.5)
OECD average	480	(1.2)	507	(0.8)	452	(2.8)	472	(1.9)	27	(1.0)	23	(3.2)
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	374	(6.4)	418	(6.5)	340	(14.3)	382	(17.2)	44	(6.0)	42	(23.6)
Azerbaijan	360	(4.1)	384	(5.6)	354	(8.6)	c	c	25	(5.3)	32	(22.2)
Brazil	404	(3.0)	441	(4.5)	324	(22.1)	c	c	38	(3.1)	-5	(39.3)
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	465	(5.0)	491	(5.0)	456	(7.3)	481	(9.6)	26	(4.2)	24	(9.6)
Dubai (UAE)	378	(8.8)	414	(6.7)	440	(7.8)	488	(7.7)	36	(4.4)	48	(6.3)
Hong Kong-China	473	(9.9)	538	(4.7)	515	(11.6)	544	(4.6)	66	(7.8)	29	(12.8)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m
Jordan	407	(3.7)	426	(5.1)	416	(7.0)	442	(11.8)	19	(4.0)	25	(12.3)
Kazakhstan	380	(4.1)	420	(6.9)	403	(13.1)	447	(15.6)	40	(5.8)	44	(11.7)
Kyrgyzstan	307	(3.9)	373	(8.3)	338	(20.9)	c	c	65	(6.0)	78	(36.1)
Latvia	478	(3.6)	490	(3.1)	475	(12.9)	471	(10.6)	12	(3.4)	-4	(16.7)
Liechtenstein	c	c	509	(26.2)	c	c	496	(19.1)	c	c	c	c
Lithuania	458	(3.7)	485	(4.2)	c	c	459	(12.5)	28	(3.1)	c	c
Macao-China	446	(7.5)	488	(8.1)	455	(7.5)	493	(6.0)	42	(6.0)	38	(4.5)
Montenegro	401	(8.9)	425	(11.5)	424	(19.3)	441	(18.2)	24	(3.6)	17	(19.7)
Panama	378	(6.5)	408	(9.9)	412	(25.9)	c	c	30	(6.4)	-22	(45.3)
Peru	m	m	m	m	m	m	m	m	m	m	m	m
Qatar	330	(7.4)	355	(11.2)	380	(7.8)	448	(12.4)	25	(3.9)	68	(6.3)
Romania	m	m	m	m	m	m	m	m	m	m	m	m
Russian Federation	449	(4.7)	471	(3.6)	424	(9.9)	448	(6.2)	22	(3.9)	24	(11.8)
Serbia	438	(4.3)	451	(5.1)	465	(10.2)	469	(9.3)	12	(4.0)	5	(10.7)
Shanghai-China	m	m	m	m	m	m	m	m	m	m	m	m
Singapore	462	(6.8)	532	(4.6)	c	c	548	(8.1)	70	(6.7)	c	c
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	414	(8.3)	432	(7.3)	c	c	c	c	18	(4.0)	c	c
Tunisia	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m	m	m	m	m

Note: Attending pre-primary is defined as those attending pre-primary school for at least one year. Values that are statistically significant are indicated in bold.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Performance difference in reading with non-immigrant students adjusting for mother's educational attainment, language spoken at home and attendance to pre-primary with second-generation specific effects

Table B3.4b

	Second-generation students		First-generation students		Does not speak the assessment language at home		Attendance to pre-primary schooling for at least a year		Second-generation student that attended pre-primary schooling for at least a year		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	22.1	(5.8)	8.9	(4.6)	-13.5	(7.0)	13.0	(2.4)	3.5	(8.6)	-2.1	(10.8)	30.5	(10.3)	66.0	(10.6)
Australia	22.1	(5.8)	8.9	(4.6)	-13.5	(7.0)	13.0	(2.4)	3.5	(8.6)	-2.1	(10.8)	30.5	(10.3)	66.0	(10.6)
Austria	-22.9	(16.7)	-39.8	(14.4)	-19.0	(10.1)	25.1	(6.0)	-0.1	(14.6)	14.9	(13.2)	51.8	(13.3)	80.2	(13.8)
Belgium	-62.9	(25.2)	-24.3	(8.2)	-13.2	(4.8)	69.9	(6.0)	25.6	(25.7)	38.8	(8.6)	31.2	(7.7)	70.0	(8.1)
Canada	6.5	(4.8)	5.7	(4.8)	-18.3	(3.5)	21.1	(2.1)	-2.1	(5.4)	17.8	(9.5)	28.4	(8.9)	49.8	(9.0)
Chile	c	c	c	c	c	c	m	m	m	m	m	m	m	m	m	m
Czech Republic	38.4	(33.1)	2.2	(20.6)	3.2	(17.8)	8.7	(5.0)	-42.8	(35.1)	c	c	c	c	c	c
Denmark	-15.4	(8.6)	-43.8	(9.1)	-16.4	(6.9)	23.6	(2.9)	-10.3	(9.1)	3.2	(7.7)	33.9	(7.7)	53.7	(7.5)
Estonia	-33.5	(14.4)	-29.1	(18.0)	-34.4	(8.0)	8.4	(4.1)	0.4	(15.2)	c	c	c	c	c	c
Finland	0.3	(29.6)	-51.3	(17.9)	-37.6	(7.5)	13.2	(3.0)	-25.9	(32.4)	20.4	(9.1)	27.1	(7.6)	55.5	(7.1)
France	-12.4	(23.5)	-18.3	(13.6)	-32.5	(9.1)	43.4	(8.4)	-6.3	(23.1)	12.6	(12.5)	38.9	(13.3)	69.8	(13.9)
Germany	-15.6	(13.2)	-26.1	(9.4)	-24.4	(8.0)	34.1	(5.1)	-2.8	(14.3)	-9.1	(11.8)	37.5	(10.8)	61.1	(11.4)
Greece	-42.5	(18.8)	-36.7	(13.6)	-39.1	(13.0)	19.9	(3.9)	23.7	(21.3)	2.5	(8.5)	38.0	(8.1)	58.3	(8.6)
Hungary	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Iceland	c	c	-42.6	(18.0)	-43.9	(16.6)	14.6	(7.2)	c	c	29.5	(19.1)	47.5	(19.6)	70.9	(18.8)
Ireland	2.2	(19.5)	-30.0	(9.4)	-21.9	(11.9)	-2.1	(3.4)	c	c	16.3	(9.9)	47.8	(8.8)	72.1	(9.5)
Israel	40.6	(15.0)	7.7	(10.9)	-13.9	(10.3)	50.1	(5.7)	-33.2	(15.1)	17.5	(8.7)	56.0	(9.1)	107.2	(9.4)
Italy	-5.6	(18.3)	-44.5	(5.6)	-38.9	(3.5)	34.5	(3.2)	-14.6	(19.9)	23.6	(4.6)	58.3	(4.8)	60.5	(5.1)
Japan	c	c	c	c	c	c	m	m	m	m	m	m	m	m	m	m
Korea	c	c	m	m	c	c	m	m	m	m	m	m	m	m	m	m
Luxembourg	-34.0	(12.6)	-25.7	(12.6)	-45.8	(11.8)	19.6	(6.8)	-0.7	(11.9)	24.6	(6.9)	47.5	(8.0)	63.4	(10.4)
Mexico	-75.1	(13.8)	-68.1	(7.0)	-60.8	(7.1)	12.5	(1.8)	-4.9	(20.1)	24.8	(2.3)	49.9	(3.3)	53.9	(3.0)
Netherlands	-31.7	(24.3)	-16.8	(13.9)	-5.5	(11.2)	2.0	(9.5)	-1.0	(25.0)	17.7	(8.5)	21.0	(7.7)	38.7	(7.9)
New Zealand	11.0	(12.0)	18.0	(5.2)	-63.1	(6.5)	18.9	(3.9)	-11.4	(14.1)	40.6	(11.8)	53.8	(10.9)	87.3	(11.3)
Norway	-34.1	(24.3)	-8.1	(11.9)	-38.1	(9.2)	16.7	(4.4)	24.0	(20.9)	57.6	(12.7)	60.5	(11.2)	80.7	(11.2)
Poland	m	m	c	c	c	c	m	m	m	m	c	c	c	c	c	c
Portugal	-15.1	(12.4)	-41.0	(9.5)	-10.1	(10.9)	16.7	(3.0)	2.6	(14.0)	17.7	(3.8)	43.3	(4.2)	65.0	(5.4)
Slovak Republic	c	c	c	c	m	m	m	m	m	m	c	c	c	c	c	c
Slovenia	-2.8	(13.1)	-38.5	(13.9)	-15.9	(9.2)	19.7	(4.1)	-17.7	(14.1)	-3.1	(40.8)	21.3	(40.0)	58.8	(39.5)
Spain	-8.3	(17.0)	-53.8	(4.0)	-4.1	(4.4)	28.6	(3.4)	-18.0	(16.4)	14.3	(3.6)	34.1	(3.4)	56.0	(4.1)
Sweden	-16.4	(11.6)	-38.0	(12.3)	-34.3	(9.4)	15.0	(3.3)	5.0	(12.6)	26.0	(11.9)	59.0	(11.3)	73.3	(11.6)
Switzerland	-21.3	(8.6)	-23.7	(6.8)	-31.7	(5.1)	2.7	(5.3)	19.4	(9.1)	5.4	(8.9)	34.9	(9.7)	51.7	(10.4)
Turkey	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom	6.6	(12.9)	-12.2	(9.0)	-20.4	(7.4)	23.0	(2.8)	-4.0	(14.8)	25.1	(10.9)	50.4	(10.5)	74.2	(11.0)
United States	-2.6	(7.6)	5.9	(8.6)	-17.9	(6.6)	4.7	(3.8)	9.1	(8.4)	-8.3	(6.8)	16.7	(6.6)	53.4	(7.7)
OECD average	-12.5	(3.4)	-24.6	(2.3)	-26.3	(1.8)	20.6	(0.9)	-3.3	(3.7)	17.1	(2.5)	40.8	(2.5)	65.2	(2.5)
Partners																
Albania	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Argentina	-7.2	(15.8)	-21.4	(26.0)	-68.8	(17.6)	33.0	(6.2)	1.1	(23.1)	30.3	(6.7)	44.2	(6.0)	63.9	(6.5)
Azerbaijan	-7.7	(10.4)	13.0	(12.9)	17.6	(9.1)	18.0	(4.9)	c	c	19.6	(10.9)	18.1	(10.3)	40.8	(10.5)
Brazil	-81.1	(26.7)	-106.9	(29.5)	-51.6	(11.8)	29.3	(3.1)	c	c	21.9	(3.0)	44.1	(3.5)	54.4	(6.7)
Bulgaria	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	-2.9	(7.1)	-14.5	(8.5)	-10.3	(19.8)	16.7	(4.0)	-5.2	(9.8)	-0.1	(13.6)	39.7	(14.0)	49.6	(14.4)
Dubai (UAE)	49.8	(8.5)	85.9	(8.2)	-29.7	(7.0)	25.7	(4.4)	13.7	(7.0)	29.8	(8.0)	56.2	(8.8)	87.7	(9.7)
Hong Kong-China	33.3	(12.2)	2.4	(4.9)	-52.4	(9.8)	47.0	(6.0)	-21.5	(12.1)	2.7	(3.3)	18.2	(3.5)	40.0	(6.2)
Indonesia	m	m	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Jordan	8.9	(6.6)	3.8	(8.2)	-26.1	(12.2)	15.0	(4.0)	6.4	(9.9)	19.6	(4.3)	30.4	(4.5)	53.5	(5.2)
Kazakhstan	26.6	(12.9)	-21.6	(7.4)	13.9	(6.6)	34.1	(5.5)	0.6	(12.4)	c	c	c	c	c	c
Kyrgyzstan	34.3	(23.3)	8.7	(18.6)	32.8	(5.8)	50.7	(6.7)	c	c	c	c	c	c	c	c
Latvia	1.7	(12.3)	c	c	-13.4	(8.4)	6.3	(3.2)	-20.6	(15.1)	c	c	c	c	c	c
Liechtenstein	-121.1	(35.1)	-10.4	(14.4)	-35.5	(15.2)	c	c	132.7	(27.1)	c	c	c	c	c	c
Lithuania	-34.6	(19.9)	c	c	-32.4	(7.6)	20.4	(3.6)	23.1	(25.4)	c	c	c	c	c	c
Macao-China	0.9	(6.8)	6.1	(5.9)	-43.3	(14.1)	30.0	(4.8)	2.4	(6.9)	6.2	(2.7)	15.2	(4.3)	25.1	(8.1)
Montenegro	22.6	(15.8)	-1.6	(8.9)	-41.0	(14.0)	14.5	(6.1)	-8.1	(21.4)	20.9	(12.6)	59.1	(14.0)	75.0	(15.5)
Panama	86.3	(24.7)	-38.2	(27.9)	-62.9	(12.8)	24.9	(7.8)	c	c	8.1	(8.5)	34.8	(8.2)	54.7	(9.5)
Peru	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Qatar	52.6	(6.9)	115.6	(11.3)	-9.8	(11.8)	28.7	(4.9)	33.0	(10.5)	10.8	(7.1)	16.4	(7.3)	37.7	(9.3)
Romania	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Russian Federation	-13.1	(11.2)	-7.7	(6.9)	-37.9	(9.2)	16.8	(3.6)	-8.0	(12.5)	c	c	c	c	c	c
Serbia	24.0	(9.4)	4.8	(7.1)	-21.7	(10.2)	9.2	(3.2)	-6.6	(12.8)	14.0	(15.2)	47.9	(16.2)	52.8	(16.7)
Shanghai-China	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Singapore	20.1	(22.5)	5.5	(5.5)	-42.2	(4.0)	49.0	(5.4)	2.2	(23.0)	5.5	(7.4)	33.7	(4.6)	50.3	(6.2)
Chinese Taipei	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
Trinidad and Tobago	37.6	(41.0)	47.1	(29.8)	-63.8	(14.0)	13.0	(4.7)	c	c	18.3	(10.2)	29.9	(6.8)	53.4	(10.3)
Tunisia	c	c	c	c	c	c	m	m	m	m	m	m	m	m	m	m
Uruguay	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m

Note: Coefficient of OLS regression with dummies. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less. Does not speak the language of assessment at home is defined for both immigrant and non-immigrant students, i.e. it is possible to have a value of 1 on this dummy variable and not be an immigrant student. Attending pre-primary is defined as those attending pre-primary school for at least one year.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/3]

Performance difference in reading among students by immigrant background adjusting for mother's educational attainment, language spoken at home and number of books at home, separate regressions

Table B3.5

	Second-generation students										
	Over 100 books at home		Does not speak the assessment language at home		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)		
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	
OECD	Australia	41.7	(6.5)	1.4	(7.7)	10.2	(14.4)	15.9	(16.1)	43.6	(16.2)
	Austria	39.1	(14.8)	-0.4	(12.0)	38.1	(15.8)	60.1	(14.9)	73.7	(19.9)
	Belgium	62.2	(12.7)	-25.6	(10.6)	44.8	(19.9)	15.2	(16.1)	38.1	(16.3)
	Canada	41.5	(5.7)	-7.1	(5.3)	8.4	(15.4)	8.1	(11.8)	15.0	(12.4)
	Chile	c	c	c	c	c	c	c	c	c	c
	Czech Republic	70.6	(39.0)	c	c	c	c	c	c	c	c
	Denmark	40.2	(11.5)	-13.8	(8.6)	10.4	(10.3)	33.9	(10.1)	28.7	(12.7)
	Estonia	23.9	(11.8)	-15.7	(16.6)	c	c	c	c	c	c
	Finland	c	c	c	c	c	c	c	c	c	c
	France	67.8	(13.5)	-19.5	(12.3)	6.9	(16.1)	25.0	(17.1)	18.1	(17.3)
	Germany	63.9	(11.1)	-32.2	(10.6)	-15.7	(15.8)	13.2	(14.3)	22.4	(16.9)
	Greece	14.1	(17.7)	c	c	c	c	c	c	c	c
	Hungary	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c
	Ireland	c	c	c	c	c	c	c	c	c	c
	Israel	30.2	(8.8)	24.8	(9.0)	29.1	(24.0)	45.0	(19.1)	84.7	(19.1)
	Italy	34.8	(14.3)	-27.1	(16.1)	c	c	c	c	c	c
	Japan	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	m	m	m	m	c	c
	Luxembourg	41.6	(8.0)	-34.9	(11.1)	-3.1	(10.9)	11.6	(11.5)	24.5	(12.8)
	Mexico	c	c	c	c	4.0	(22.5)	c	c	-9.7	(33.1)
	Netherlands	54.1	(11.5)	-10.2	(11.1)	28.2	(13.5)	24.4	(13.8)	21.7	(18.9)
	New Zealand	60.2	(11.9)	-36.5	(13.2)	c	c	c	c	c	c
	Norway	40.0	(26.0)	-25.9	(15.3)	c	c	c	c	c	c
	Poland	m	m	m	m	m	m	m	m	m	m
	Portugal	37.8	(14.7)	c	c	23.8	(23.4)	29.5	(25.5)	65.9	(21.6)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c
	Slovenia	23.3	(17.6)	-21.5	(12.7)	c	c	c	c	c	c
	Spain	59.1	(21.5)	-11.6	(20.0)	13.8	(25.5)	23.9	(21.1)	3.7	(26.3)
	Sweden	18.3	(13.3)	-28.4	(11.5)	c	c	c	c	c	c
	Switzerland	59.4	(8.1)	-20.5	(7.5)	17.7	(11.7)	12.4	(13.3)	28.4	(13.4)
	Turkey	c	c	c	c	c	c	c	c	c	c
	United Kingdom	52.7	(13.2)	-19.5	(11.5)	43.2	(23.5)	44.6	(23.9)	42.8	(25.5)
	United States	51.7	(11.0)	-8.2	(8.9)	5.4	(10.8)	13.5	(9.4)	37.9	(10.0)
	OECD average	44.7	(3.3)	-16.6	(2.7)	16.6	(4.5)	25.1	(4.3)	33.7	(4.8)
Partners	Albania	c	c	c	c	c	c	c	c	c	c
	Argentina	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c	c	c
	Croatia	39.2	(12.7)	c	c	c	c	c	c	c	c
	Dubai (UAE)	36.4	(9.2)	-19.9	(8.6)	27.4	(17.6)	59.8	(17.7)	95.4	(15.3)
	Hong Kong-China	16.9	(7.1)	-58.5	(14.8)	2.3	(6.1)	15.4	(6.2)	23.0	(12.9)
	Indonesia	m	m	m	m	m	m	m	m	m	m
	Jordan	16.3	(11.1)	-27.4	(18.1)	14.4	(15.0)	26.5	(13.2)	36.7	(15.0)
	Kazakhstan	59.8	(12.9)	-29.9	(16.3)	c	c	c	c	c	c
	Kyrgyzstan	c	c	c	c	c	c	c	c	m	m
	Latvia	38.2	(15.4)	c	c	c	c	m	m	m	m
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	c	c
	Macao-China	12.7	(4.1)	-46.8	(17.2)	6.2	(3.8)	7.2	(5.0)	16.5	(10.8)
	Montenegro	9.9	(23.5)	c	c	c	c	m	m	c	c
	Panama	c	c	c	c	c	c	c	c	c	c
	Peru	c	c	c	c	c	c	c	c	c	c
	Qatar	9.3	(5.8)	-7.7	(15.1)	20.7	(13.8)	42.8	(11.3)	78.6	(14.5)
	Romania	c	c	c	c	m	m	c	c	c	c
	Russian Federation	51.1	(9.8)	-20.6	(15.8)	c	c	c	c	c	c
	Serbia	42.0	(14.0)	c	c	c	c	c	c	c	c
	Shanghai-China	c	c	c	c	c	c	c	c	c	c
	Singapore	35.7	(14.3)	-36.5	(15.6)	c	c	6.6	(14.7)	34.4	(22.5)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c
	Thailand	m	m	m	m	m	m	m	m	m	m
	Trinidad and Tobago	c	c	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c

Note: Coefficient of OLS regression with dummies, for each group of students: first-, second- and non-immigrants. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less. Does not speak the language of assessment at home is defined for both immigrant and non-immigrant students, i.e. it is possible to have a value of 1 on this dummy variable and not be an immigrant student.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 2/3]

Performance difference in reading among students by immigrant background adjusting for mother's educational attainment, language spoken at home and number of books at home, separate regressions (continued)

Table B3.5

	First-generation students										
	Over 100 books at home		Does not speak the assessment language at home		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)		
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	
OECD	Australia	55.6	(9.1)	-10.4	(10.9)	-7.4	(23.6)	41.7	(19.4)	67.9	(18.9)
	Austria	87.9	(24.7)	-1.7	(23.7)	2.9	(24.4)	55.7	(24.5)	46.7	(24.9)
	Belgium	75.2	(13.9)	-12.7	(13.6)	29.8	(23.2)	35.5	(15.7)	55.5	(15.6)
	Canada	53.8	(6.3)	-10.7	(6.7)	26.0	(24.4)	38.3	(17.6)	64.9	(17.6)
	Chile	c	c	c	c	c	c	c	c	c	c
	Czech Republic	c	c	c	c	c	c	c	c	c	c
	Denmark	25.1	(20.3)	-15.0	(12.5)	27.1	(21.7)	35.3	(19.6)	44.6	(14.7)
	Estonia	c	c	c	c	c	c	c	c	c	c
	Finland	c	c	c	c	c	c	c	c	c	c
	France	c	c	4.5	(23.8)	c	c	c	c	c	c
	Germany	70.3	(17.7)	-13.0	(15.3)	c	c	c	c	c	c
	Greece	c	c	-33.5	(16.6)	c	c	c	c	c	c
	Hungary	c	c	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	c	c	c	c	c	c
	Ireland	62.9	(15.6)	-39.4	(13.7)	c	c	c	c	c	c
	Israel	24.6	(13.4)	-0.4	(15.0)	c	c	c	c	c	c
	Italy	82.1	(11.5)	-12.0	(9.9)	34.4	(19.8)	63.7	(17.1)	43.8	(15.6)
	Japan	c	c	c	c	c	c	c	c	c	c
	Korea	m	m	m	m	m	m	m	m	m	m
	Luxembourg	84.2	(12.6)	-48.8	(12.2)	27.1	(12.3)	28.2	(15.3)	56.5	(22.3)
	Mexico	c	c	-67.0	(15.2)	-9.7	(16.1)	c	c	36.0	(17.0)
	Netherlands	c	c	-5.6	(20.2)	c	c	c	c	49.3	(27.6)
	New Zealand	58.5	(7.9)	-47.2	(8.3)	c	c	c	c	c	c
	Norway	38.0	(20.0)	c	c	c	c	c	c	c	c
	Poland	c	m	c	c	c	c	m	m	m	m
	Portugal	c	c	-12.9	(15.6)	c	c	c	c	c	c
	Slovak Republic	c	m	c	c	c	c	c	c	m	m
	Slovenia	c	c	c	c	c	c	c	c	c	c
	Spain	57.2	(8.9)	-23.4	(7.5)	25.3	(8.7)	37.8	(8.5)	52.7	(9.7)
	Sweden	108.1	(19.9)	c	c	c	c	57.1	(27.5)	68.0	(29.5)
	Switzerland	69.0	(12.2)	-44.4	(9.8)	10.4	(12.0)	4.9	(13.9)	44.8	(13.8)
	Turkey	c	c	c	c	c	c	c	c	c	c
	United Kingdom	47.9	(14.5)	-3.5	(13.2)	22.8	(29.4)	13.6	(21.2)	44.2	(24.1)
	United States	45.3	(18.5)	-18.0	(13.3)	15.3	(16.6)	25.2	(17.1)	74.7	(17.6)
	OECD average	61.5	(3.7)	-20.7	(3.3)	17.0	(5.8)	36.4	(5.4)	53.5	(5.3)
Partners	Albania	c	c	c	c	c	c	c	c	c	c
	Argentina	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c	c	c
	Colombia	c	m	c	c	c	c	c	c	c	c
	Croatia	c	c	c	c	c	c	c	c	c	c
	Dubai (UAE)	46.7	(6.2)	-33.5	(7.6)	53.7	(16.5)	92.4	(14.8)	120.7	(15.5)
	Hong Kong-China	23.9	(11.4)	-34.9	(12.1)	8.0	(8.5)	18.8	(8.4)	37.8	(16.9)
	Indonesia	c	c	c	c	c	c	c	c	c	c
	Jordan	23.6	(19.8)	c	c	c	c	c	c	c	c
	Kazakhstan	84.9	(17.8)	49.4	(17.4)	c	c	c	c	c	c
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c
	Latvia	c	c	c	c	m	m	c	c	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	m	m	c	c	c	c
	Macao-China	17.5	(9.1)	-58.7	(13.3)	14.5	(5.7)	30.4	(6.7)	37.6	(12.7)
	Montenegro	52.6	(17.5)	c	c	c	c	c	c	c	c
	Panama	c	c	c	c	c	c	c	c	c	c
	Peru	c	c	c	c	c	c	c	c	c	c
	Qatar	25.6	(7.7)	19.7	(10.0)	50.7	(16.9)	89.0	(13.1)	117.2	(14.3)
	Romania	c	c	c	c	c	c	c	c	c	c
	Russian Federation	21.0	(14.3)	-53.2	(16.3)	c	c	c	c	c	c
	Serbia	22.1	(18.2)	c	c	c	c	c	c	c	c
	Shanghai-China	c	c	c	c	c	c	c	c	c	c
	Singapore	54.4	(9.0)	-35.3	(10.1)	c	c	44.3	(17.4)	52.5	(16.0)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c
	Thailand	m	m	m	m	m	m	m	m	m	m
	Trinidad and Tobago	44.2	(45.0)	c	c	c	c	c	c	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c
	Uruguay	c	c	c	c	c	c	c	c	c	c

Note: Coefficient of OLS regression with dummies, for each group of students: first-, second- and non-immigrants. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less. Does not speak the language of assessment at home is defined for both immigrant and non-immigrant students, i.e. it is possible to have a value of 1 on this dummy variable and not be an immigrant student.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 3/3]

Performance difference in reading among students by immigrant background adjusting for mother's educational attainment, language spoken at home and number of books at home, separate regressions (continued)

Table B3.5

	Non-immigrant students										
	Over 100 books at home		Does not speak the assessment language at home		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)		
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	
OECD											
Australia	51.4	(2.4)	-40.1	(12.2)	15.0	(18.0)	46.7	(17.7)	73.2	(17.6)	
Austria	74.3	(4.7)	-27.8	(16.2)	c	c	c	c	c	c	
Belgium	49.3	(3.1)	-9.2	(5.5)	35.6	(10.4)	30.0	(9.5)	61.0	(9.8)	
Canada	46.9	(2.1)	-31.8	(5.2)	43.9	(13.3)	56.0	(12.2)	72.7	(12.1)	
Chile	m	m	c	c	m	m	m	m	m	m	
Czech Republic	64.0	(4.1)	c	c	c	c	c	c	c	c	
Denmark	41.9	(3.1)	-37.2	(20.6)	c	c	c	c	c	c	
Estonia	37.0	(3.8)	-30.7	(9.5)	c	c	c	c	c	c	
Finland	47.1	(2.4)	-38.4	(7.6)	18.0	(9.1)	23.0	(7.8)	45.4	(7.4)	
France	65.8	(4.6)	-63.4	(14.2)	28.5	(20.9)	50.2	(20.4)	64.5	(20.4)	
Germany	57.4	(3.8)	-9.9	(13.8)	0.0	(15.3)	48.8	(14.4)	61.0	(14.7)	
Greece	39.2	(4.4)	-61.7	(15.8)	-0.1	(8.7)	32.7	(8.5)	48.9	(9.0)	
Hungary	m	m	c	c	m	m	m	m	m	m	
Iceland	43.5	(3.9)	-65.0	(19.0)	c	c	c	c	c	c	
Ireland	57.5	(3.5)	-0.2	(11.6)	13.4	(10.7)	35.0	(9.3)	45.8	(10.0)	
Israel	38.1	(4.4)	-35.2	(15.2)	18.9	(9.9)	73.9	(10.3)	121.7	(10.6)	
Italy	48.0	(2.4)	-37.1	(3.5)	25.0	(5.2)	51.0	(5.3)	42.9	(5.4)	
Japan	m	m	c	c	m	m	m	m	m	m	
Korea	m	m	c	c	m	m	m	m	m	m	
Luxembourg	56.1	(5.7)	-10.7	(11.6)	43.3	(12.1)	59.0	(13.6)	59.2	(13.3)	
Mexico	31.3	(2.6)	-63.1	(7.1)	25.6	(2.3)	49.9	(3.3)	49.9	(2.7)	
Netherlands	52.8	(4.9)	-4.9	(21.4)	17.4	(10.5)	21.5	(11.3)	29.8	(11.2)	
New Zealand	53.3	(4.1)	-83.2	(10.2)	46.4	(13.5)	53.6	(12.4)	78.7	(12.8)	
Norway	51.7	(2.7)	-44.0	(11.0)	c	c	c	c	c	c	
Poland	m	m	c	c	c	c	c	c	c	c	
Portugal	33.7	(3.3)	-2.3	(16.9)	15.4	(3.9)	38.9	(4.3)	52.2	(5.3)	
Slovak Republic	m	m	m	m	c	c	c	c	c	c	
Slovenia	51.3	(4.0)	-17.0	(14.7)	c	c	c	c	c	c	
Spain	45.6	(2.3)	-1.1	(5.0)	9.4	(4.1)	24.7	(4.1)	37.9	(4.4)	
Sweden	57.7	(3.3)	-36.9	(17.8)	35.1	(18.8)	55.9	(18.3)	63.4	(18.5)	
Switzerland	52.1	(3.0)	-23.4	(6.8)	3.6	(16.0)	32.0	(15.3)	34.9	(16.1)	
Turkey	m	m	m	m	m	m	m	m	m	m	
United Kingdom	68.3	(2.9)	-58.5	(11.7)	30.9	(12.0)	51.1	(10.9)	64.1	(11.1)	
United States	62.9	(4.2)	-30.2	(12.6)	-39.9	(14.7)	-15.9	(14.1)	8.0	(14.6)	
OECD average	51.0	(0.7)	-33.2	(2.6)	19.3	(2.8)	40.9	(2.7)	55.7	(2.7)	
Partners											
Albania	m	m	m	m	m	m	m	m	m	m	
Argentina	59.3	(6.3)	c	c	36.1	(6.8)	43.8	(6.2)	57.4	(6.2)	
Azerbaijan	34.8	(4.8)	15.8	(9.2)	17.1	(10.7)	14.8	(10.6)	34.4	(10.8)	
Brazil	32.8	(6.7)	-57.3	(11.3)	22.3	(3.2)	47.4	(3.8)	54.1	(6.7)	
Bulgaria	m	m	m	m	m	m	m	m	m	m	
Colombia	m	m	m	m	m	m	m	m	m	m	
Croatia	41.3	(4.3)	-6.8	(19.2)	7.9	(17.0)	45.3	(16.3)	49.3	(16.8)	
Dubai (UAE)	16.3	(6.7)	10.2	(10.8)	28.4	(7.8)	33.1	(8.0)	51.6	(10.7)	
Hong Kong-China	41.3	(4.0)	-82.6	(10.2)	3.8	(4.8)	15.1	(4.8)	28.5	(6.2)	
Indonesia	m	m	m	m	m	m	m	m	m	m	
Jordan	16.8	(4.5)	-16.7	(14.5)	20.9	(4.6)	32.3	(4.8)	56.6	(5.3)	
Kazakhstan	48.4	(6.3)	18.0	(6.4)	c	c	c	c	c	c	
Kyrgyzstan	65.4	(7.1)	38.9	(6.1)	c	c	c	c	c	c	
Latvia	36.9	(3.6)	-7.9	(8.5)	c	c	c	c	c	c	
Liechtenstein	57.6	(15.3)	c	c	c	c	c	c	c	c	
Lithuania	43.2	(3.6)	-36.3	(6.9)	c	c	c	c	c	c	
Macao-China	29.1	(6.3)	-50.0	(15.2)	2.5	(4.6)	17.9	(6.2)	17.8	(8.0)	
Montenegro	42.7	(8.2)	-37.9	(15.4)	16.6	(12.0)	52.4	(11.8)	62.5	(13.6)	
Panama	53.4	(10.2)	-62.0	(15.0)	12.0	(8.0)	31.9	(8.3)	52.1	(9.6)	
Peru	m	m	m	m	m	m	m	m	m	m	
Qatar	21.0	(4.6)	-17.0	(16.0)	5.6	(7.6)	-2.2	(6.7)	10.9	(9.3)	
Romania	m	m	m	m	m	m	m	m	m	m	
Russian Federation	46.5	(4.0)	-32.1	(10.6)	c	c	c	c	c	c	
Serbia	44.4	(4.0)	-29.6	(11.4)	3.0	(15.9)	36.1	(17.7)	34.9	(17.9)	
Shanghai-China	m	m	m	m	m	m	m	m	m	m	
Singapore	41.0	(4.0)	-37.6	(3.9)	9.3	(8.0)	32.5	(4.9)	39.1	(6.2)	
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	
Thailand	m	m	m	m	m	m	m	m	m	m	
Trinidad and Tobago	27.9	(4.7)	-80.7	(14.3)	13.5	(10.5)	23.7	(6.8)	43.3	(9.9)	
Tunisia	m	m	c	c	m	m	m	m	m	m	
Uruguay	c	c	m	m	m	m	m	m	m	m	

Note: Coefficient of OLS regression with dummies, for each group of students: first-, second- and non-immigrants. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less. Does not speak the language of assessment at home is defined for both immigrant and non-immigrant students, i.e. it is possible to have a value of 1 on this dummy variable and not be an immigrant student.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/3] **Share of individuals in a school by percentage of students who speak a language different from the test language as main language, by migration status**

	Non-immigrant students							
	0 to 10%		10 to 20%		20 to 40%		40% or more	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD								
Australia	0.79	(0.02)	0.13	(0.02)	0.07	(0.01)	0.01	(0.00)
Austria	0.76	(0.03)	0.13	(0.03)	0.09	(0.02)	0.03	(0.01)
Belgium	0.28	(0.03)	0.31	(0.03)	0.3	(0.03)	0.11	(0.02)
Canada	0.7	(0.02)	0.13	(0.02)	0.13	(0.02)	0.05	(0.01)
Chile	m	m	m	m	m	m	m	m
Czech Republic	0.99	(0.01)	0.01	(0.01)	0	(0.00)	0	(0.00)
Denmark	0.78	(0.03)	0.16	(0.03)	0.05	(0.01)	0.01	(0.00)
Estonia	0.92	(0.02)	0.05	(0.02)	0.03	(0.01)	0	(0.00)
Finland	0.93	(0.02)	0.05	(0.02)	0.01	(0.00)	0.01	(0.00)
France	0.78	(0.03)	0.16	(0.03)	0.05	(0.02)	0.01	(0.01)
Germany	0.72	(0.03)	0.17	(0.03)	0.09	(0.02)	0.02	(0.01)
Greece	0.95	(0.02)	0.03	(0.01)	0.01	(0.00)	0.01	(0.01)
Hungary	m	m	m	m	m	m	m	m
Iceland	0.95	(0.02)	0.04	(0.02)	0.01	(0.01)	0	(0.00)
Ireland	0.89	(0.03)	0.07	(0.02)	0.01	(0.01)	0.02	(0.01)
Israel	0.65	(0.04)	0.24	(0.03)	0.08	(0.02)	0.03	(0.01)
Italy	0.53	(0.02)	0.23	(0.02)	0.16	(0.02)	0.07	(0.01)
Japan	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m
Luxembourg	0	(0.00)	0	(0.00)	0.01	(0.01)	0.99	(0.01)
Mexico	0.95	(0.01)	0.02	(0.01)	0.01	(0.00)	0.01	(0.00)
Netherlands	0.89	(0.02)	0.06	(0.02)	0.03	(0.01)	0.02	(0.01)
New Zealand	0.55	(0.04)	0.28	(0.04)	0.14	(0.03)	0.03	(0.01)
Norway	0.75	(0.03)	0.2	(0.03)	0.04	(0.01)	0.01	(0.00)
Poland	m	m	m	m	m	m	m	m
Portugal	0.99	(0.00)	0.01	(0.00)	0	(0.00)	0	(0.00)
Slovak Republic	m	m	m	m	m	m	m	m
Slovenia	0.89	(0.02)	0.07	(0.02)	0.04	(0.01)	0	(0.00)
Spain	0.63	(0.03)	0.11	(0.02)	0.08	(0.02)	0.18	(0.02)
Sweden	0.77	(0.03)	0.17	(0.03)	0.04	(0.01)	0.02	(0.01)
Switzerland	0.41	(0.04)	0.35	(0.04)	0.2	(0.03)	0.04	(0.01)
Turkey	m	m	m	m	m	m	m	m
United Kingdom	0.88	(0.02)	0.08	(0.02)	0.03	(0.01)	0.01	(0.00)
United States	0.72	(0.04)	0.09	(0.02)	0.16	(0.03)	0.04	(0.01)
OECD average	0.74	(0.01)	0.12	(0.00)	0.07	(0.00)	0.06	(0.00)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	0.98	(0.01)	0.02	(0.01)	0	(0.00)	0	(0.00)
Azerbaijan	0.8	(0.04)	0.1	(0.03)	0.05	(0.02)	0.05	(0.02)
Brazil	1	(0.00)	0	(0.00)	0	(0.00)	0	(0.00)
Bulgaria	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m
Croatia	0.96	(0.01)	0.02	(0.01)	0.01	(0.01)	0.01	(0.01)
Dubai (UAE)	0.52	(0.08)	0.12	(0.04)	0.04	(0.03)	0.33	(0.06)
Hong Kong-China	0.9	(0.03)	0.05	(0.02)	0.01	(0.01)	0.04	(0.02)
Indonesia	m	m	m	m	m	m	m	m
Jordan	0.95	(0.02)	0.04	(0.01)	0.01	(0.01)	0.01	(0.01)
Kazakhstan	0.62	(0.04)	0.21	(0.03)	0.14	(0.03)	0.04	(0.02)
Kyrgyzstan	0.58	(0.04)	0.04	(0.02)	0.19	(0.03)	0.2	(0.03)
Latvia	0.77	(0.04)	0.13	(0.03)	0.07	(0.02)	0.03	(0.01)
Liechtenstein	0.36	(0.27)	0.38	(0.22)	0.26	(0.17)	0	(0.00)
Lithuania	0.9	(0.02)	0.05	(0.02)	0.01	(0.01)	0.04	(0.01)
Macao-China	0.77	(0.09)	0	(0.00)	0.03	(0.02)	0.2	(0.09)
Montenegro	1	(0.00)	0	(0.00)	0	(0.00)	0	(0.00)
Panama	0.95	(0.02)	0.03	(0.01)	0	(0.00)	0.02	(0.02)
Peru	m	m	m	m	m	m	m	m
Qatar	0.6	(0.07)	0.03	(0.02)	0.02	(0.01)	0.35	(0.07)
Romania	m	m	m	m	m	m	m	m
Russian Federation	0.83	(0.03)	0.05	(0.02)	0.07	(0.02)	0.05	(0.02)
Serbia	0.97	(0.01)	0.02	(0.01)	0.01	(0.01)	0	(0.00)
Shanghai-China	m	m	m	m	m	m	m	m
Singapore	0.01	(0.01)	0.04	(0.02)	0.11	(0.02)	0.85	(0.03)
Chinese Taipei	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m
Trinidad and Tobago	0.95	(0.02)	0.04	(0.02)	0	(0.00)	0	(0.00)
Tunisia	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 2/3] **Share of individuals in a school by percentage of students who speak a language different from the test language as main language, by migration status (continued)**

	Second-generation students							
	0 to 10%		10 to 20%		20 to 40%		40% or more	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD								
Australia	0.41	(0.04)	0.24	(0.04)	0.21	(0.04)	0.15	(0.05)
Austria	0.28	(0.05)	0.18	(0.05)	0.29	(0.06)	0.25	(0.07)
Belgium	0.14	(0.03)	0.19	(0.03)	0.32	(0.05)	0.35	(0.06)
Canada	0.22	(0.03)	0.2	(0.04)	0.36	(0.05)	0.22	(0.04)
Chile	m	m	m	m	m	m	m	m
Czech Republic	0.89	(0.05)	0.08	(0.05)	0.02	(0.02)	0	(0.00)
Denmark	0.36	(0.05)	0.26	(0.04)	0.29	(0.05)	0.1	(0.03)
Estonia	0.92	(0.03)	0.05	(0.03)	0.03	(0.01)	0	(0.00)
Finland	0.76	(0.08)	0.22	(0.08)	0.01	(0.01)	0.01	(0.01)
France	0.37	(0.06)	0.3	(0.06)	0.27	(0.07)	0.06	(0.04)
Germany	0.37	(0.05)	0.21	(0.04)	0.23	(0.05)	0.19	(0.06)
Greece	0.83	(0.09)	0.09	(0.08)	0.09	(0.06)	0.0	(0.00)
Hungary	m	m	m	m	m	m	m	m
Iceland	c	c	c	c	c	c	c	c
Ireland	0.88	(0.05)	0.04	(0.03)	0.04	(0.03)	0.05	(0.04)
Israel	0.42	(0.05)	0.28	(0.05)	0.23	(0.05)	0.07	(0.03)
Italy	0.4	(0.04)	0.27	(0.04)	0.24	(0.04)	0.09	(0.03)
Japan	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m
Luxembourg	0.02	(0.02)	0	(0.00)	0.03	(0.03)	0.94	(0.04)
Mexico	0.86	(0.05)	0.04	(0.02)	0.01	(0.01)	0.1	(0.05)
Netherlands	0.5	(0.08)	0.12	(0.04)	0.3	(0.09)	0.08	(0.05)
New Zealand	0.22	(0.04)	0.21	(0.04)	0.42	(0.07)	0.16	(0.06)
Norway	0.33	(0.06)	0.29	(0.07)	0.18	(0.07)	0.19	(0.10)
Poland	m	m	m	m	m	m	m	m
Portugal	0.98	(0.01)	0.02	(0.01)	0	(0.00)	0	(0.00)
Slovak Republic	m	m	m	m	m	m	m	m
Slovenia	0.55	(0.08)	0.13	(0.04)	0.32	(0.08)	0	(0.00)
Spain	0.48	(0.07)	0.18	(0.04)	0.05	(0.02)	0.29	(0.07)
Sweden	0.33	(0.05)	0.28	(0.06)	0.2	(0.06)	0.19	(0.07)
Switzerland	0.19	(0.03)	0.35	(0.04)	0.32	(0.04)	0.14	(0.03)
Turkey	m	m	m	m	m	m	m	m
United Kingdom	0.38	(0.07)	0.19	(0.07)	0.24	(0.09)	0.18	(0.07)
United States	0.13	(0.03)	0.08	(0.03)	0.52	(0.07)	0.27	(0.07)
OECD average	0.47	(0.01)	0.17	(0.01)	0.20	(0.01)	0.16	(0.01)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	0.92	(0.05)	0.08	(0.05)	0	(0.00)	0	(0.00)
Azerbaijan	0.67	(0.10)	0.11	(0.06)	0.1	(0.06)	0.12	(0.07)
Brazil	1	(0.00)	0	(0.00)	0	(0.00)	0	(0.00)
Bulgaria	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m
Croatia	0.97	(0.02)	0.02	(0.01)	0.01	(0.01)	0.01	(0.01)
Dubai (UAE)	0.18	(0.05)	0.1	(0.04)	0.06	(0.02)	0.66	(0.06)
Hong Kong-China	0.87	(0.03)	0.08	(0.03)	0.02	(0.01)	0.02	(0.01)
Indonesia	m	m	m	m	m	m	m	m
Jordan	0.94	(0.03)	0.04	(0.02)	0.02	(0.02)	0	(0.00)
Kazakhstan	0.62	(0.08)	0.26	(0.07)	0.09	(0.03)	0.04	(0.02)
Kyrgyzstan	0.15	(0.05)	0.11	(0.07)	0.47	(0.10)	0.28	(0.09)
Latvia	0.86	(0.05)	0.05	(0.02)	0.05	(0.04)	0.04	(0.02)
Liechtenstein	0.22	(0.21)	0.53	(0.24)	0.25	(0.19)	0	(0.00)
Lithuania	0.63	(0.10)	0.12	(0.05)	0	(0.00)	0.25	(0.10)
Macao-China	0.89	(0.05)	0	(0.00)	0.03	(0.03)	0.08	(0.04)
Montenegro	1	(0.00)	0	(0.00)	0	(0.00)	0	(0.00)
Panama	0.53	(0.12)	0.22	(0.10)	0.19	(0.12)	0.07	(0.07)
Peru	m	m	m	m	m	m	m	m
Qatar	0.56	(0.06)	0.06	(0.02)	0.02	(0.01)	0.36	(0.06)
Romania	m	m	m	m	m	m	m	m
Russian Federation	0.75	(0.08)	0.07	(0.03)	0.08	(0.03)	0.11	(0.08)
Serbia	0.97	(0.01)	0.02	(0.01)	0.01	(0.01)	0	(0.00)
Shanghai-China	m	m	m	m	m	m	m	m
Singapore	0.02	(0.02)	0.05	(0.03)	0.11	(0.03)	0.82	(0.04)
Chinese Taipei	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m
Trinidad and Tobago	0.89	(0.05)	0.1	(0.05)	0.01	(0.01)	0	(0.00)
Tunisia	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 3/3] **Share of individuals in a school by percentage of students who speak a language different from the test language as main language, by migration status (continued)**

	First-generation students							
	0 to 10%		10 to 20%		20 to 40%		40% or more	
	Mean	S.E.	Mean	S.E.	Mean	S.E.	Mean	S.E.
OECD								
Australia	0.38	(0.04)	0.26	(0.04)	0.26	(0.05)	0.1	(0.04)
Austria	0.28	(0.06)	0.17	(0.05)	0.28	(0.07)	0.27	(0.09)
Belgium	0.24	(0.06)	0.24	(0.06)	0.28	(0.05)	0.25	(0.05)
Canada	0.15	(0.02)	0.16	(0.03)	0.39	(0.05)	0.3	(0.05)
Chile	m	m	m	m	m	m	m	m
Czech Republic	0.86	(0.08)	0.07	(0.06)	0.07	(0.05)	0	(0.00)
Denmark	0.47	(0.06)	0.28	(0.05)	0.17	(0.04)	0.08	(0.03)
Estonia	0.94	(0.04)	0.06	(0.04)	0	(0.00)	0	(0.00)
Finland	0.72	(0.10)	0.28	(0.10)	0	(0.00)	0.01	(0.00)
France	0.26	(0.06)	0.29	(0.08)	0.29	(0.09)	0.16	(0.09)
Germany	0.38	(0.05)	0.21	(0.04)	0.24	(0.05)	0.17	(0.06)
Greece	0.68	(0.10)	0.12	(0.06)	0.1	(0.07)	0.1	(0.09)
Hungary	m	m	m	m	m	m	m	m
Iceland	0.65	(0.12)	0.18	(0.10)	0.17	(0.11)	0	(0.00)
Ireland	0.71	(0.06)	0.22	(0.06)	0.06	(0.04)	0.01	(0.01)
Israel	0.22	(0.04)	0.27	(0.06)	0.32	(0.07)	0.19	(0.08)
Italy	0.28	(0.03)	0.31	(0.04)	0.31	(0.04)	0.11	(0.02)
Japan	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m
Luxembourg	0.06	(0.06)	0	(0.00)	0.09	(0.08)	0.85	(0.10)
Mexico	0.75	(0.07)	0.03	(0.01)	0.01	(0.01)	0.21	(0.07)
Netherlands	0.5	(0.09)	0.16	(0.06)	0.27	(0.11)	0.07	(0.04)
New Zealand	0.25	(0.04)	0.23	(0.04)	0.37	(0.06)	0.15	(0.05)
Norway	0.46	(0.06)	0.36	(0.06)	0.14	(0.06)	0.04	(0.02)
Poland	m	m	m	m	m	m	m	m
Portugal	0.97	(0.01)	0.03	(0.01)	0	(0.00)	0	(0.00)
Slovak Republic	m	m	m	m	m	m	m	m
Slovenia	0.47	(0.10)	0.14	(0.06)	0.39	(0.10)	0	(0.00)
Spain	0.48	(0.04)	0.24	(0.04)	0.08	(0.03)	0.21	(0.04)
Sweden	0.31	(0.06)	0.31	(0.06)	0.18	(0.06)	0.21	(0.08)
Switzerland	0.17	(0.03)	0.33	(0.05)	0.36	(0.05)	0.14	(0.04)
Turkey	m	m	m	m	m	m	m	m
United Kingdom	0.35	(0.06)	0.26	(0.06)	0.21	(0.07)	0.19	(0.07)
United States	0.19	(0.04)	0.08	(0.03)	0.45	(0.07)	0.29	(0.07)
OECD average	0.45	(0.01)	0.20	(0.01)	0.20	(0.01)	0.15	(0.01)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	0.83	(0.10)	0.17	(0.10)	0	(0.00)	0	(0.00)
Azerbaijan	0.5	(0.13)	0.28	(0.13)	0.16	(0.11)	0.06	(0.05)
Brazil	1	(0.00)	0	(0.00)	0	(0.00)	0	(0.00)
Bulgaria	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m
Croatia	0.97	(0.02)	0.02	(0.02)	0	(0.00)	0.01	(0.01)
Dubai (UAE)	0.06	(0.02)	0.12	(0.04)	0.12	(0.05)	0.69	(0.06)
Hong Kong-China	0.76	(0.05)	0.14	(0.04)	0.05	(0.03)	0.06	(0.03)
Indonesia	m	m	m	m	m	m	m	m
Jordan	0.88	(0.04)	0.05	(0.02)	0.05	(0.03)	0.02	(0.02)
Kazakhstan	0.65	(0.08)	0.2	(0.06)	0.11	(0.05)	0.04	(0.02)
Kyrgyzstan	0.24	(0.12)	0.03	(0.03)	0.41	(0.13)	0.32	(0.13)
Latvia	c	c	c	c	c	c	c	c
Liechtenstein	0.24	(0.21)	0.31	(0.19)	0.46	(0.22)	0	(0.00)
Lithuania	c	c	c	c	c	c	c	c
Macao-China	0.91	(0.04)	0	(0.00)	0.02	(0.02)	0.07	(0.03)
Montenegro	1	(0.00)	0	(0.00)	0	(0.00)	0	(0.00)
Panama	0.56	(0.17)	0.09	(0.07)	0.02	(0.01)	0.34	(0.18)
Peru	m	m	m	m	m	m	m	m
Qatar	0.33	(0.06)	0.04	(0.02)	0.1	(0.06)	0.53	(0.07)
Romania	m	m	m	m	m	m	m	m
Russian Federation	0.84	(0.04)	0.08	(0.03)	0.02	(0.01)	0.05	(0.03)
Serbia	0.99	(0.01)	0.01	(0.01)	0	(0.00)	0	(0.00)
Shanghai-China	m	m	m	m	m	m	m	m
Singapore	0.01	(0.01)	0.04	(0.02)	0.1	(0.03)	0.85	(0.03)
Chinese Taipei	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m
Trinidad and Tobago	0.74	(0.15)	0.07	(0.05)	0.19	(0.16)	0	(0.00)
Tunisia	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/3] **Reading scores by percentage of students in school who do not speak the test language, by migration status**
Table B3.7

	Non-immigrant students							
	0 to 10%		10 to 20%		20 to 40%		40% or more	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD								
Australia	511	(2.8)	530	(9.1)	525	(9.7)	534	(48.9)
Austria	492	(6.9)	518	(16.2)	483	(14.7)	440	(26.6)
Belgium	550	(7.1)	506	(7.9)	521	(7.6)	504	(13.0)
Canada	526	(2.2)	540	(5.2)	548	(6.2)	524	(8.8)
Chile	m	m	m	m	m	m	m	m
Czech Republic	487	(5.4)	c	c	c	c	m	m
Denmark	503	(3.4)	503	(5.8)	494	(7.8)	482	(9.3)
Estonia	511	(3.5)	503	(10.8)	c	c	m	m
Finland	539	(2.3)	530	(10.9)	520	(8.3)	527	(7.4)
France	520	(7.4)	477	(16.7)	452	(18.6)	c	c
Germany	530	(5.2)	511	(11.2)	473	(12.8)	466	(17.7)
Greece	495	(4.8)	457	(34.4)	c	c	c	c
Hungary	m	m	m	m	m	m	m	m
Iceland	503	(3.5)	c	c	c	c	m	m
Ireland	505	(4.3)	477	(15.1)	c	c	c	c
Israel	486	(7.3)	484	(12.2)	478	(15.2)	435	(49.0)
Italy	524	(3.3)	492	(4.7)	434	(5.6)	431	(8.8)
Japan	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m
Luxembourg	c	c	m	m	c	c	494	(9.7)
Mexico	440	(2.4)	385	(14.6)	378	(9.4)	305	(10.1)
Netherlands	518	(6.7)	513	(27.5)	448	(9.2)	c	c
New Zealand	532	(4.0)	525	(10.0)	534	(9.1)	479	(19.9)
Norway	505	(3.1)	514	(5.4)	521	(9.8)	c	c
Poland	m	m	m	m	m	m	m	m
Portugal	494	(4.0)	c	c	m	m	m	m
Slovak Republic	m	m	m	m	m	m	m	m
Slovenia	503	(6.3)	464	(12.3)	437	(20.8)	c	c
Spain	488	(3.1)	478	(6.2)	492	(8.8)	494	(4.8)
Sweden	506	(3.3)	507	(7.4)	505	(11.2)	c	c
Switzerland	525	(5.9)	526	(7.8)	491	(6.0)	456	(7.3)
Turkey	m	m	m	m	m	m	m	m
United Kingdom	502	(3.2)	494	(12.9)	446	(26.5)	444	(9.6)
United States	512	(5.9)	486	(12.9)	491	(8.8)	478	(9.9)
OECD average	508	(0.9)	497	(2.9)	484	(2.8)	468	(5.3)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	414	(6.2)	c	c	m	m	m	m
Azerbaijan	354	(4.7)	378	(7.5)	c	c	410	(16.7)
Brazil	425	(3.9)	c	c	c	c	m	m
Bulgaria	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m
Croatia	480	(4.8)	c	c	c	c	c	c
Dubai (UAE)	395	(13.7)	334	(23.6)	c	c	423	(9.1)
Hong Kong-China	542	(4.7)	491	(19.1)	c	c	c	c
Indonesia	m	m	m	m	m	m	m	m
Jordan	410	(4.1)	401	(13.5)	c	c	c	c
Kazakhstan	380	(6.0)	414	(12.0)	415	(12.7)	371	(23.4)
Kyrgyzstan	289	(4.1)	321	(22.4)	367	(12.6)	362	(11.8)
Latvia	496	(3.6)	503	(9.2)	484	(7.0)	c	c
Liechtenstein	c	c	c	c	c	c	m	m
Lithuania	479	(4.4)	480	(18.0)	c	c	449	(14.3)
Macao-China	489	(9.4)	m	m	c	c	461	(13.3)
Montenegro	410	(10.2)	m	m	m	m	m	m
Panama	397	(7.5)	473	(22.7)	c	c	c	c
Peru	m	m	m	m	m	m	m	m
Qatar	335	(9.0)	268	(15.5)	c	c	330	(17.6)
Romania	m	m	m	m	m	m	m	m
Russian Federation	473	(4.4)	462	(9.4)	447	(9.2)	382	(23.3)
Serbia	445	(4.5)	c	c	c	c	m	m
Shanghai-China	m	m	m	m	m	m	m	m
Singapore	c	c	588	(15.1)	593	(12.7)	515	(4.6)
Chinese Taipei	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m
Trinidad and Tobago	429	(8.0)	326	(12.3)	c	c	m	m
Tunisia	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 2/3] **Reading scores by percentage of students in school who do not speak the test language, by migration status (continued)**

	Second-generation students							
	0 to 10%		10 to 20%		20 to 40%		40% or more	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD								
Australia	524	(5.4)	526	(10.4)	520	(11.7)	563	(35.5)
Austria	465	(11.0)	469	(14.9)	437	(14.2)	408	(21.1)
Belgium	509	(13.5)	471	(13.4)	477	(13.6)	419	(16.3)
Canada	525	(6.7)	528	(6.0)	524	(7.1)	516	(12.0)
Chile	m	m	m	m	m	m	m	m
Czech Republic	488	(12.9)	c	c	c	c	m	m
Denmark	471	(8.2)	451	(7.3)	419	(5.6)	410	(13.7)
Estonia	473	(6.2)	c	c	c	c	m	m
Finland	502	(14.6)	c	c	c	c	c	c
France	476	(14.9)	442	(17.2)	437	(25.3)	c	c
Germany	501	(7.7)	480	(16.8)	435	(12.8)	422	(15.8)
Greece	479	(12.3)	c	c	c	c	m	m
Hungary	m	m	m	m	m	m	m	m
Iceland	c	c	c	c	m	m	m	m
Ireland	509	(13.9)	c	c	c	c	c	c
Israel	489	(10.5)	493	(15.5)	468	(18.7)	c	c
Italy	494	(11.3)	458	(17.5)	411	(10.1)	374	(30.2)
Japan	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m
Luxembourg	c	c	m	m	c	c	432	(10.2)
Mexico	363	(9.2)	c	c	c	c	c	c
Netherlands	490	(9.8)	458	(21.2)	449	(19.4)	c	c
New Zealand	550	(11.0)	499	(11.7)	495	(18.3)	462	(20.2)
Norway	476	(12.5)	454	(11.2)	c	c	c	c
Poland	m	m	m	m	m	m	m	m
Portugal	480	(12.7)	c	c	m	m	m	m
Slovak Republic	m	m	m	m	m	m	m	m
Slovenia	483	(8.9)	432	(17.7)	420	(14.0)	m	m
Spain	476	(11.6)	433	(14.2)	442	(27.2)	457	(21.3)
Sweden	474	(10.0)	470	(10.1)	434	(11.2)	402	(13.6)
Switzerland	500	(12.5)	494	(10.9)	451	(7.8)	413	(7.6)
Turkey	m	m	m	m	m	m	m	m
United Kingdom	517	(9.5)	502	(23.0)	479	(15.7)	c	c
United States	527	(14.4)	497	(10.9)	474	(8.4)	470	(6.5)
OECD average	490	(2.2)	475	(3.4)	457	(3.7)	442	(5.3)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	376	(12.7)	c	c	m	m	m	m
Azerbaijan	353	(8.8)	c	c	c	c	c	c
Brazil	326	(20.3)	m	m	m	m	m	m
Bulgaria	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m
Croatia	467	(7.3)	c	c	c	c	c	c
Dubai (UAE)	408	(12.3)	479	(30.3)	544	(13.4)	481	(7.9)
Hong Kong-China	550	(4.7)	508	(16.0)	c	c	c	c
Indonesia	m	m	m	m	m	m	m	m
Jordan	425	(6.8)	382	(30.1)	c	c	c	c
Kazakhstan	402	(24.4)	447	(16.8)	430	(19.2)	c	c
Kyrgyzstan	c	c	c	c	c	c	c	c
Latvia	492	(9.6)	c	c	c	c	c	c
Liechtenstein	c	c	c	c	c	c	m	m
Lithuania	439	(15.2)	c	c	m	m	c	c
Macao-China	492	(6.5)	m	m	c	c	471	(21.5)
Montenegro	441	(14.2)	m	m	m	m	m	m
Panama	413	(25.1)	c	c	c	c	c	c
Peru	m	m	m	m	m	m	m	m
Qatar	383	(8.3)	374	(35.9)	c	c	408	(20.0)
Romania	m	m	m	m	m	m	m	m
Russian Federation	453	(5.2)	c	c	c	c	c	c
Serbia	469	(8.3)	c	c	c	c	m	m
Shanghai-China	m	m	m	m	m	m	m	m
Singapore	c	c	c	c	c	c	529	(7.9)
Chinese Taipei	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m
Trinidad and Tobago	436	(29.7)	c	c	c	c	m	m
Tunisia	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 3/3] **Reading scores by percentage of students in school who do not speak the test language, by migration status (continued)**

	First-generation students							
	0 to 10%		10 to 20%		20 to 40%		40% or more	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD								
Australia	519	(6.4)	523	(9.8)	494	(9.3)	570	(36.5)
Austria	451	(21.1)	418	(34.7)	431	(21.3)	365	(31.8)
Belgium	477	(15.3)	446	(25.5)	472	(13.3)	430	(13.0)
Canada	539	(9.1)	536	(10.4)	522	(8.2)	517	(12.2)
Chile	m	m	m	m	m	m	m	m
Czech Republic	461	(21.1)	c	c	c	c	m	m
Denmark	426	(11.8)	424	(7.7)	401	(7.5)	409	(21.7)
Estonia	c	c	c	c	m	m	m	m
Finland	466	(16.4)	c	c	m	m	c	c
France	487	(18.7)	404	(21.3)	435	(34.9)	c	c
Germany	486	(10.0)	470	(17.4)	429	(13.1)	421	(19.2)
Greece	456	(10.1)	c	c	c	c	c	c
Hungary	m	m	m	m	m	m	m	m
Iceland	435	(14.4)	c	c	c	c	m	m
Ireland	485	(8.2)	449	(22.5)	c	c	c	c
Israel	465	(13.9)	445	(19.4)	464	(18.6)	475	(13.9)
Italy	477	(7.7)	432	(8.3)	396	(6.1)	368	(19.0)
Japan	m	m	m	m	m	m	m	m
Korea	m	m	m	m	m	m	m	m
Luxembourg	c	c	m	m	c	c	424	(16.9)
Mexico	352	(7.5)	c	c	c	c	265	(14.0)
Netherlands	508	(14.2)	c	c	430	(11.2)	c	c
New Zealand	544	(9.2)	504	(10.1)	526	(8.3)	495	(21.4)
Norway	454	(12.0)	445	(8.2)	c	c	c	c
Poland	m	m	m	m	m	m	m	m
Portugal	458	(8.3)	c	c	m	m	m	m
Slovak Republic	m	m	m	m	m	m	m	m
Slovenia	c	c	c	c	c	c	m	m
Spain	437	(4.5)	414	(11.2)	427	(18.6)	418	(6.7)
Sweden	418	(17.4)	406	(9.3)	c	c	c	c
Switzerland	490	(19.6)	478	(17.3)	432	(7.3)	398	(7.8)
Turkey	m	m	m	m	m	m	m	m
United Kingdom	474	(11.2)	473	(15.4)	449	(21.2)	c	c
United States	514	(18.0)	c	c	481	(11.9)	463	(17.2)
OECD average	470	(2.8)	454	(4.3)	453	(4.1)	430	(5.2)
Partners								
Albania	m	m	m	m	m	m	m	m
Argentina	394	(15.4)	c	c	m	m	m	m
Azerbaijan	c	c	c	c	c	c	c	c
Brazil	310	(16.3)	m	m	m	m	m	m
Bulgaria	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m
Croatia	454	(9.0)	c	c	m	m	c	c
Dubai (UAE)	442	(18.6)	542	(21.9)	572	(8.5)	495	(8.0)
Hong Kong-China	529	(5.1)	481	(11.7)	c	c	c	c
Indonesia	m	m	m	m	m	m	m	m
Jordan	420	(11.3)	c	c	c	c	c	c
Kazakhstan	361	(10.7)	363	(18.5)	c	c	c	c
Kyrgyzstan	c	c	c	c	c	c	c	c
Latvia	c	c	c	c	c	c	c	c
Liechtenstein	c	c	c	c	c	c	m	m
Lithuania	c	c	c	c	m	m	m	m
Macao-China	492	(7.0)	m	m	c	c	469	(24.7)
Montenegro	409	(9.3)	m	m	m	m	m	m
Panama	413	(35.7)	c	c	c	c	c	c
Peru	m	m	m	m	m	m	m	m
Qatar	406	(8.5)	385	(34.5)	c	c	478	(11.7)
Romania	m	m	m	m	m	m	m	m
Russian Federation	456	(8.3)	c	c	c	c	c	c
Serbia	449	(7.2)	c	c	m	m	m	m
Shanghai-China	m	m	m	m	m	m	m	m
Singapore	c	c	c	c	590	(13.5)	510	(7.8)
Chinese Taipei	m	m	m	m	m	m	m	m
Thailand	m	m	m	m	m	m	m	m
Trinidad and Tobago	413	(29.6)	c	c	c	c	m	m
Tunisia	m	m	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B3.8 Performance difference in reading of non-immigrant students adjusting for mother's educational attainment, language spoken at home and percentage that do not speak the test language

	10 to 20% students do not speak the test language as first language		20 to 40% students do not speak the test language as first language		40% or more students do not speak the test language as first language		Second-generation students		First-generation students		Does not speak the assessment language at home		Mother's education: Lower secondary (ISCED 2)		Mother's education: Upper secondary (ISCED 3-4)		Mother's education: Tertiary (ISCED 5-6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
OECD																				Australia	17.0	(7.5)	7.2	(8.6)	61.2	(29.7)	13.5	(3.7)	2.7	(4.2)	-22.8	(4.9)	4.3	(10.7)	39.9	(10.6)	75.5	(10.8)	Austria	20.2	(15.7)	-9.8	(15.2)	-50.1	(21.4)	-11.9	(8.6)	-33.8	(13.4)	-16.4	(8.0)	20.7	(15.5)	49.5	(15.8)	75.7	(16.6)	Belgium	-34.6	(9.5)	-19.6	(9.3)	-37.1	(12.2)	-38.7	(8.2)	-49.5	(9.2)	-3.6	(3.8)	39.5	(8.4)	33.9	(7.1)	69.7	(7.7)	Canada	12.2	(5.4)	16.9	(6.1)	8.5	(7.7)	1.0	(4.0)	2.1	(4.9)	-20.0	(3.8)	19.7	(11.3)	31.7	(10.6)	53.5	(10.7)	Chile	m	m	m	m	m	m	c	c	c	c	c	c	m	m	m	m	m	m	Czech Republic	c	c	c	c	m	m	m	m	m	m	m	m	m	c	m	m	m	m	Denmark	1.0	(5.9)	-7.8	(6.8)	-12.7	(8.3)	-24.2	(6.8)	-57.2	(9.0)	-10.8	(7.6)	-1.9	(8.5)	30.9	(8.7)	53.7	(8.5)	Estonia	m	m	c	c	m	m	m	m	m	m	m	m	c	m	m	m	m	m	Finland	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	France	-37.5	(15.4)	-42.0	(18.4)	c	c	-6.6	(7.9)	-16.6	(12.4)	-18.4	(8.5)	c	(10.6)	32.1	(11.8)	61.0	(12.5)	Germany	-17.5	(11.0)	-47.9	(11.0)	-59.7	(15.9)	-15.2	(6.0)	-29.6	(8.7)	-4.7	(7.0)	-9.5	(11.6)	38.0	(10.6)	60.1	(11.2)	Greece	m	m	c	c	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Hungary	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Iceland	c	c	c	c	m	m	c	c	m	m	m	m	c	m	m	m	m	m	Ireland	-20.4	(13.7)	c	c	c	c	8.9	(14.1)	-22.1	(9.4)	-27.2	(12.2)	c	(10.1)	47.6	(9.2)	72.0	(9.9)	Israel	-1.6	(10.1)	-10.1	(13.7)	-22.4	(24.4)	15.9	(6.3)	8.6	(11.9)	-11.2	(8.5)	21.6	(8.3)	72.3	(9.2)	129.6	(9.5)	Italy	-28.0	(5.2)	-79.5	(6.2)	-81.0	(9.5)	-21.3	(6.5)	-48.9	(4.5)	-4.0	(2.6)	26.2	(4.7)	52.2	(4.9)	50.1	(5.2)	Japan	m	m	m	m	m	m	c	c	c	c	c	c	m	m	m	m	m	m	Korea	m	m	m	m	m	m	c	c	m	m	c	c	m	m	m	m	m	m	Luxembourg	m	m	c	c	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Mexico	-40.5	(11.7)	-41.9	(9.8)	-101.2	(12.4)	-68.4	(9.2)	-66.3	(7.0)	-17.6	(6.9)	19.3	(2.3)	44.8	(3.5)	49.1	(3.2)	Netherlands	-7.1	(25.0)	-54.5	(14.8)	c	c	-18.2	(9.0)	-9.1	(11.7)	-1.2	(8.0)	c	(8.6)	23.0	(8.9)	42.3	(9.3)	New Zealand	-8.6	(8.5)	0.4	(8.6)	-22.0	(14.2)	2.1	(7.0)	12.1	(5.3)	-59.2	(6.0)	44.7	(12.4)	59.4	(11.4)	92.8	(12.1)	Norway	8.2	(5.7)	14.3	(11.3)	c	c	-19.0	(11.9)	-17.7	(11.8)	-37.7	(9.4)	c	(12.2)	64.2	(11.0)	84.5	(11.0)	Poland	m	m	m	m	m	m	m	m	c	c	c	c	m	c	m	m	m	m	Portugal	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Slovak Republic	m	m	m	m	m	m	c	c	c	c	m	m	c	m	m	m	m	m	Slovenia	m	m	m	m	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Spain	-9.8	(5.7)	1.0	(8.2)	7.9	(5.6)	-25.6	(10.8)	-58.6	(4.0)	-10.5	(3.8)	15.3	(3.8)	36.2	(3.8)	58.1	(4.4)	Sweden	1.8	(7.8)	-6.6	(10.4)	-45.0	(9.8)	-10.7	(9.7)	-43.2	(13.1)	-31.8	(10.0)	30.2	(11.9)	61.9	(11.2)	75.2	(11.5)	Switzerland	2.5	(9.3)	-31.0	(8.2)	-63.5	(9.3)	-6.0	(5.1)	-22.4	(6.3)	-19.6	(4.4)	11.6	(7.6)	39.3	(7.8)	57.7	(8.3)	Turkey	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	United Kingdom	-4.7	(10.3)	-39.3	(20.0)	-48.9	(9.4)	16.1	(8.4)	-9.0	(10.1)	-11.8	(7.8)	15.7	(10.9)	40.8	(10.1)	65.2	(10.4)	United States	-21.9	(11.9)	-19.9	(9.1)	-26.2	(9.1)	11.1	(6.2)	11.3	(8.5)	-13.5	(6.5)	-8.0	(7.0)	14.3	(6.9)	49.4	(7.9)	OECD average	-8.9	(2.6)	-20.6	(2.7)	-32.8	(3.8)	-10.4	(1.9)	-23.5	(2.1)	-18.0	(1.7)	16.6	(2.3)	42.7	(2.2)	67.1	(2.3)	Partners																			Albania	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Argentina	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Azerbaijan	17.5	(8.5)	c	c	43.7	(13.6)	-0.6	(10.0)	10.0	(12.1)	8.9	(5.4)	27.0	(10.5)	25.7	(10.7)	49.2	(10.7)	Brazil	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Bulgaria	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Colombia	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Croatia	c	c	c	c	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Dubai (UAE)	39.0	(25.9)	93.3	(16.1)	43.3	(14.0)	49.2	(9.3)	69.8	(9.5)	-33.9	(5.1)	26.8	(9.1)	47.3	(10.1)	75.6	(11.2)	Hong Kong-China	-42.1	(15.0)	c	c	c	c	14.2	(3.5)	-3.6	(4.4)	-24.2	(7.6)	c	(3.4)	18.5	(3.8)	44.7	(6.2)	Indonesia	m	m	m	m	m	m	m	m	c	c	m	m	m	m	m	m	m	m	Jordan	-17.3	(18.8)	c	c	c	c	10.5	(5.6)	6.6	(9.1)	-15.0	(8.4)	c	(4.2)	29.6	(4.4)	52.4	(5.2)	Kazakhstan	30.2	(12.0)	29.8	(13.2)	-9.0	(21.1)	25.7	(15.6)	-19.8	(7.9)	12.5	(5.0)	78.4	c	96.0	(29.0)	139.8	(29.3)	Kyrgyzstan	25.6	(19.1)	75.8	(12.8)	67.7	(13.6)	18.7	(18.4)	0.7	(23.0)	-4.2	(6.5)	-5.8	c	20.4	(21.5)	53.1	(21.9)	Latvia	m	m	m	m	c	c	m	m	c	c	m	m	c	c	m	m	m	m	Liechtenstein	c	c	c	c	m	m	m	m	m	m	m	m	c	m	m	m	m	m	Lithuania	m	m	c	c	m	m	m	m	c	c	m	m	c	m	m	m	m	m	Macao-China	m	m	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Panama	m	m	c	c	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Peru	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Qatar	-40.2	(20.8)	c	c	56.7	(16.2)	60.3	(8.1)	109.9	(10.7)	-51.5	(7.9)	12.2	(8.2)	17.4	(8.1)	37.9	(10.4)	Romania	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Russian Federation	-9.9	(10.6)	-22.3	(11.0)	-67.8	(22.2)	-18.8	(6.3)	-14.9	(7.8)	-18.6	(8.6)	29.9	c	38.7	(39.2)	71.8	(38.4)	Serbia	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Shanghai-China	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Singapore	c	c	c	c	c	c	20.4	(6.8)	-3.0	(5.6)	-33.6	(3.3)	c	(7.5)	33.5	(4.6)	43.8	(6.1)	Chinese Taipei	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Thailand	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Trinidad and Tobago	m	m	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Tunisia	m	m	m	m	m	m	c	c	c	c	c	c	m	m	m	m	m	m	Uruguay	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m
Australia	17.0	(7.5)	7.2	(8.6)	61.2	(29.7)	13.5	(3.7)	2.7	(4.2)	-22.8	(4.9)	4.3	(10.7)	39.9	(10.6)	75.5	(10.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Austria	20.2	(15.7)	-9.8	(15.2)	-50.1	(21.4)	-11.9	(8.6)	-33.8	(13.4)	-16.4	(8.0)	20.7	(15.5)	49.5	(15.8)	75.7	(16.6)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Belgium	-34.6	(9.5)	-19.6	(9.3)	-37.1	(12.2)	-38.7	(8.2)	-49.5	(9.2)	-3.6	(3.8)	39.5	(8.4)	33.9	(7.1)	69.7	(7.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Canada	12.2	(5.4)	16.9	(6.1)	8.5	(7.7)	1.0	(4.0)	2.1	(4.9)	-20.0	(3.8)	19.7	(11.3)	31.7	(10.6)	53.5	(10.7)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Chile	m	m	m	m	m	m	c	c	c	c	c	c	m	m	m	m	m	m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Czech Republic	c	c	c	c	m	m	m	m	m	m	m	m	m	c	m	m	m	m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Denmark	1.0	(5.9)	-7.8	(6.8)	-12.7	(8.3)	-24.2	(6.8)	-57.2	(9.0)	-10.8	(7.6)	-1.9	(8.5)	30.9	(8.7)	53.7	(8.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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France	-37.5	(15.4)	-42.0	(18.4)	c	c	-6.6	(7.9)	-16.6	(12.4)	-18.4	(8.5)	c	(10.6)	32.1	(11.8)	61.0	(12.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Germany	-17.5	(11.0)	-47.9	(11.0)	-59.7	(15.9)	-15.2	(6.0)	-29.6	(8.7)	-4.7	(7.0)	-9.5	(11.6)	38.0	(10.6)	60.1	(11.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Ireland	-20.4	(13.7)	c	c	c	c	8.9	(14.1)	-22.1	(9.4)	-27.2	(12.2)	c	(10.1)	47.6	(9.2)	72.0	(9.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Israel	-1.6	(10.1)	-10.1	(13.7)	-22.4	(24.4)	15.9	(6.3)	8.6	(11.9)	-11.2	(8.5)	21.6	(8.3)	72.3	(9.2)	129.6	(9.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Italy	-28.0	(5.2)	-79.5	(6.2)	-81.0	(9.5)	-21.3	(6.5)	-48.9	(4.5)	-4.0	(2.6)	26.2	(4.7)	52.2	(4.9)	50.1	(5.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Mexico	-40.5	(11.7)	-41.9	(9.8)	-101.2	(12.4)	-68.4	(9.2)	-66.3	(7.0)	-17.6	(6.9)	19.3	(2.3)	44.8	(3.5)	49.1	(3.2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Netherlands	-7.1	(25.0)	-54.5	(14.8)	c	c	-18.2	(9.0)	-9.1	(11.7)	-1.2	(8.0)	c	(8.6)	23.0	(8.9)	42.3	(9.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
New Zealand	-8.6	(8.5)	0.4	(8.6)	-22.0	(14.2)	2.1	(7.0)	12.1	(5.3)	-59.2	(6.0)	44.7	(12.4)	59.4	(11.4)	92.8	(12.1)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Norway	8.2	(5.7)	14.3	(11.3)	c	c	-19.0	(11.9)	-17.7	(11.8)	-37.7	(9.4)	c	(12.2)	64.2	(11.0)	84.5	(11.0)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Spain	-9.8	(5.7)	1.0	(8.2)	7.9	(5.6)	-25.6	(10.8)	-58.6	(4.0)	-10.5	(3.8)	15.3	(3.8)	36.2	(3.8)	58.1	(4.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Sweden	1.8	(7.8)	-6.6	(10.4)	-45.0	(9.8)	-10.7	(9.7)	-43.2	(13.1)	-31.8	(10.0)	30.2	(11.9)	61.9	(11.2)	75.2	(11.5)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Switzerland	2.5	(9.3)	-31.0	(8.2)	-63.5	(9.3)	-6.0	(5.1)	-22.4	(6.3)	-19.6	(4.4)	11.6	(7.6)	39.3	(7.8)	57.7	(8.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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United Kingdom	-4.7	(10.3)	-39.3	(20.0)	-48.9	(9.4)	16.1	(8.4)	-9.0	(10.1)	-11.8	(7.8)	15.7	(10.9)	40.8	(10.1)	65.2	(10.4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
United States	-21.9	(11.9)	-19.9	(9.1)	-26.2	(9.1)	11.1	(6.2)	11.3	(8.5)	-13.5	(6.5)	-8.0	(7.0)	14.3	(6.9)	49.4	(7.9)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
OECD average	-8.9	(2.6)	-20.6	(2.7)	-32.8	(3.8)	-10.4	(1.9)	-23.5	(2.1)	-18.0	(1.7)	16.6	(2.3)	42.7	(2.2)	67.1	(2.3)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Partners																			Albania	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Argentina	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Azerbaijan	17.5	(8.5)	c	c	43.7	(13.6)	-0.6	(10.0)	10.0	(12.1)	8.9	(5.4)	27.0	(10.5)	25.7	(10.7)	49.2	(10.7)	Brazil	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Bulgaria	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Colombia	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Croatia	c	c	c	c	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Dubai (UAE)	39.0	(25.9)	93.3	(16.1)	43.3	(14.0)	49.2	(9.3)	69.8	(9.5)	-33.9	(5.1)	26.8	(9.1)	47.3	(10.1)	75.6	(11.2)	Hong Kong-China	-42.1	(15.0)	c	c	c	c	14.2	(3.5)	-3.6	(4.4)	-24.2	(7.6)	c	(3.4)	18.5	(3.8)	44.7	(6.2)	Indonesia	m	m	m	m	m	m	m	m	c	c	m	m	m	m	m	m	m	m	Jordan	-17.3	(18.8)	c	c	c	c	10.5	(5.6)	6.6	(9.1)	-15.0	(8.4)	c	(4.2)	29.6	(4.4)	52.4	(5.2)	Kazakhstan	30.2	(12.0)	29.8	(13.2)	-9.0	(21.1)	25.7	(15.6)	-19.8	(7.9)	12.5	(5.0)	78.4	c	96.0	(29.0)	139.8	(29.3)	Kyrgyzstan	25.6	(19.1)	75.8	(12.8)	67.7	(13.6)	18.7	(18.4)	0.7	(23.0)	-4.2	(6.5)	-5.8	c	20.4	(21.5)	53.1	(21.9)	Latvia	m	m	m	m	c	c	m	m	c	c	m	m	c	c	m	m	m	m	Liechtenstein	c	c	c	c	m	m	m	m	m	m	m	m	c	m	m	m	m	m	Lithuania	m	m	c	c	m	m	m	m	c	c	m	m	c	m	m	m	m	m	Macao-China	m	m	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Montenegro	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Panama	m	m	c	c	c	c	m	m	m	m	m	m	c	m	m	m	m	m	Peru	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Qatar	-40.2	(20.8)	c	c	56.7	(16.2)	60.3	(8.1)	109.9	(10.7)	-51.5	(7.9)	12.2	(8.2)	17.4	(8.1)	37.9	(10.4)	Romania	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Russian Federation	-9.9	(10.6)	-22.3	(11.0)	-67.8	(22.2)	-18.8	(6.3)	-14.9	(7.8)	-18.6	(8.6)	29.9	c	38.7	(39.2)	71.8	(38.4)	Serbia	c	c	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Shanghai-China	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Singapore	c	c	c	c	c	c	20.4	(6.8)	-3.0	(5.6)	-33.6	(3.3)	c	(7.5)	33.5	(4.6)	43.8	(6.1)	Chinese Taipei	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m	Thailand	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Trinidad and Tobago	m	m	c	c	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Tunisia	m	m	m	m	m	m	c	c	c	c	c	c	m	m	m	m	m	m	Uruguay	m	m	m	m	m	m	c	c	c	c	m	m	m	m	m	m	m	m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Tunisia	m	m	m	m	m	m	c	c	c	c	c	c	m	m	m	m	m	m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Note: Coefficient of OLS regression with dummies. Values that are statistically significant are indicated in bold (see Annex A). Note reference category for mothers' education is primary education or less. Does not speak the language of assessment at home is defined for both immigrant and non-immigrant students, i.e. it is possible to have a value of 1 on this dummy variable and not be an immigrant student.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B3.9 Share of students attending test language remedial classes, by migration background

	Non-immigrant students		Second-generation students		First-generation students	
	%	S.E.	%	S.E.	%	S.E.
OECD						
Australia	4.1	(0.3)	5.7	(0.8)	9.7	(0.9)
Austria	3.9	(0.4)	11.9	(2.1)	19.8	(3.0)
Belgium	1.8	(0.2)	4.3	(0.9)	5.6	(1.4)
Canada	3.7	(0.2)	5.0	(0.7)	9.0	(0.9)
Chile	m	m	m	m	m	m
Czech Republic	4.5	(0.4)	1.4	(0.8)	22.6	(6.7)
Denmark	2.4	(0.3)	11.6	(1.5)	20.4	(2.4)
Estonia	11.3	(0.7)	6.6	(1.6)	9.5	(5.2)
Finland	1.9	(0.2)	4.0	(2.5)	18.6	(4.2)
France	15.4	(0.9)	21.2	(2.4)	22.3	(3.8)
Germany	5.7	(0.4)	10.8	(1.4)	10.1	(2.1)
Greece	18.3	(0.7)	11.4	(2.9)	9.9	(2.7)
Hungary	m	m	m	m	m	m
Iceland	8.2	(0.4)	c	c	31.8	(6.4)
Ireland	2.8	(0.3)	0.0	(0.0)	12.8	(2.7)
Israel	12.3	(0.6)	9.5	(1.7)	14.8	(1.9)
Italy	6.5	(0.3)	10.5	(2.6)	16.5	(1.7)
Japan	m	m	m	m	m	m
Korea	m	m	m	m	m	m
Luxembourg	2.7	(0.3)	5.8	(0.8)	6.5	(0.9)
Mexico	16.5	(0.5)	35.6	(4.9)	39.1	(3.8)
Netherlands	3.4	(0.4)	9.0	(2.4)	8.7	(2.9)
New Zealand	3.8	(0.3)	6.9	(1.8)	11.6	(1.1)
Norway	3.2	(0.3)	5.9	(1.5)	15.2	(3.1)
Poland	m	m	m	m	m	m
Portugal	11.3	(1.0)	11.7	(3.6)	10.2	(2.4)
Slovak Republic	m	m	m	m	m	m
Slovenia	5.9	(0.4)	10.1	(2.2)	20.2	(5.2)
Spain	12.1	(0.9)	11.3	(2.5)	22.2	(1.3)
Sweden	4.0	(0.4)	9.1	(1.6)	16.7	(2.7)
Switzerland	4.0	(0.5)	8.3	(0.9)	10.3	(1.3)
Turkey	m	m	m	m	m	m
United Kingdom	15.8	(0.8)	21.5	(2.7)	30.4	(3.9)
United States	5.5	(0.4)	8.2	(1.4)	11.7	(2.0)
OECD average	7.1	(0.1)	9.9	(0.4)	16.2	(0.6)
Partners						
Albania	m	m	m	m	m	m
Argentina	8.8	(0.6)	10.3	(3.7)	8.2	(3.9)
Azerbaijan	41.8	(1.3)	38.1	(5.4)	15.6	(7.8)
Brazil	10.0	(0.4)	13.4	(5.0)	32.1	(9.7)
Bulgaria	m	m	m	m	m	m
Colombia	m	m	m	m	m	m
Croatia	5.2	(0.4)	7.7	(1.7)	8.0	(2.4)
Dubai (UAE)	14.6	(0.9)	12.9	(0.9)	11.5	(0.6)
Hong Kong-China	12.6	(0.7)	11.4	(1.1)	10.8	(1.1)
Indonesia	m	m	m	m	m	m
Jordan	26.0	(0.9)	20.2	(2.0)	20.4	(3.6)
Kazakhstan	54.3	(1.5)	54.1	(3.5)	56.7	(3.5)
Kyrgyzstan	23.4	(0.9)	7.6	(3.1)	20.6	(8.2)
Latvia	4.8	(0.4)	4.1	(2.2)	c	c
Liechtenstein	4.0	(1.1)	10.6	(4.4)	13.6	(4.6)
Lithuania	8.7	(0.5)	7.5	(2.9)	c	c
Macao-China	6.2	(0.6)	3.6	(0.4)	4.0	(0.6)
Montenegro	5.6	(0.6)	3.5	(1.7)	7.5	(4.2)
Panama	25.3	(1.6)	23.9	(10.0)	39.6	(7.8)
Peru	m	m	m	m	m	m
Qatar	26.8	(0.6)	19.1	(0.9)	15.1	(0.9)
Romania	m	m	m	m	m	m
Russian Federation	41.5	(1.3)	50.3	(2.5)	46.1	(3.9)
Serbia	5.2	(0.6)	4.5	(1.4)	7.2	(2.6)
Shanghai-China	m	m	m	m	m	m
Singapore	30.0	(0.6)	32.9	(3.2)	33.0	(1.8)
Chinese Taipei	m	m	m	m	m	m
Thailand	m	m	m	m	m	m
Trinidad and Tobago	10.5	(0.5)	11.0	(5.6)	12.3	(5.8)
Tunisia	m	m	m	m	m	m
Uruguay	m	m	m	m	m	m

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

**Table B4.1a Age-at-arrival profiles of young people from different countries of origin**

Country of residence	Country of origin									
	Africa	Britain	China	France	Germany	Portugal	Turkey	Former USSR	Former Yugoslavia	All immigrants
OECD										
Australia	25.9	-5.7	48.5							12.9
Austria					-22.1		18.0		22.0	7.5
Belgium	26.2			9.7	24.0		-2.5			9.9
Denmark									-9.1	23.7
Estonia								8.4		9.0
Finland								52.6		22.2
Germany							48.9	32.5	36.5	36.0
Greece								6.4	14.7	9.9
Ireland		3.7								21.4
Israel	70.9							41.1		53.4
Luxembourg	54.2			4.3		18.4			60.2	6.9
New Zealand	41.5	15.1	35.0							16.5
Portugal	36.2									16.4
Switzerland				19.9	5.8	27.9	-7.4		34.7	1.9
Partners										
Croatia									6.2	4.2
Hong Kong-China			-1.3							-1.5
Kazakhstan								22.6		23.7
Macao-China			-7.9							-7.4
Montenegro								4.4		6.0
Russian Federation								9.1		9.6
Serbia									17.9	17.4
Former Yugoslavia									-4.3	-1.7

Notes: in 2003 Serbia and Montenegro constituted the Republic of Yugoslavia whereas by 2006 they had separated.

Minimum sample size: 40, estimates based on samples less than 100 are in bold; all estimates control for PISA year (2009 as reference), gender (male as reference) and student's grade (10th as reference). All immigrants refers to immigrant students of all origins.

Source: PISA pooled data 2003, 2006, 2009. See Heath and Kilpi-Jakonen (2012).

Table B4.1b Age-at-arrival profiles of young people from different countries of origin in linguistically similar countries of destination

Country of residence	Country of origin												
	China (Shanghai 557)	New Zealand (526)	Germany (511)	France (505)	Britain (499)	Former USSR (Russia 464)	Former Yugoslavia (Serbia 442)	Brazil (416)	Jordan* (HDI 0.681)	Egypt* (HDI 0.620)	South Africa* (HDI 0.597)	Yemen* (HDI 0.439)	All immigrants
Hong Kong (535)	-1.3												-1.5
New Zealand (526)					15.1								16.5
Belgium (519)				9.7							36.9		9.9
Australia (515)		15.6		-5.7							11.3		12.9
Switzerland (513)			5.8	19.9									1.9
Estonia (505)						8.4							9.0
Ireland (502)					3.7								21.4
Luxembourg (495)				4.3									6.9
Portugal (492)								9.7					16.4
Greece (489)							14.7						9.9
Austria (482)			-22.1										7.5
Macao-China (482)	-7.9												-7.4

Notes: *non-test language speakers specifically excluded.

Minimum sample size: 40, estimates based on samples less than 100 are in bold; all estimates control for PISA year (2009 as reference), gender (male as reference) and student's grade (10th as reference). All immigrants refers to immigrant students of all origins.

Source: PISA pooled data 2003, 2006, 2009, OECD (2010) for country scores, and UNDP's Human Development Index (HDI) for 2009. See Heath and Kilpi-Jakonen (2012).

Table B4.2 Age at arrival effects for different types of immigrants in western countries

	Model 1			Model 2			Model 3			Model 4		
	No interactions			Interaction with immigrant category			Interaction with country			Both interactions		
	Coef.	S.E.	Sign.	Coef.	S.E.	Sign.	Coef.	S.E.	Sign.	Coef.	S.E.	Sign.
Age at arrival (log transformed)	18.5	(5.3)	***	7.6	(4.5)	*	20.9	(4.3)	***	11.8	(7.1)	
Sending country (linguistically-similar western country as reference)												
Linguistically-dissimilar western country	-30.4	(9.9)	**	-41.4	(22.7)	*	-29.3	(11.7)	**	-41.5	(62.0)	
Linguistically-similar non-western country	-23.7	(17.7)		-15.7	(18.5)		-23.1	(15.7)		-10.7	(24.0)	
Linguistically-dissimilar non-western country	-51.4	(12.2)	***	-92.5	(12.0)	***	-50.5	(12.9)	***	-89.6	(110.2)	
Age at arrival interaction with immigrant category												
x different, western				7.5	(13.0)					8.0	(14.1)	
x similar, non-western				-4.2	(10.1)					-6.9	(11.6)	
x different, non-western				21.7	(8.3)	**				20.8	(9.9)	**
Country of destination (Australia as reference)												
Austria	-40.8	(18.1)	**	-44.5	(19.3)	**	-39.9	(28.6)		-25.1	(25.9)	
Belgium	-31.4	(10.5)	**	-33.3	(10.6)	**	-29.4	(15.0)	*	-36.7	(15.9)	**
Czech Republic	-31.2	(23.5)		-34.2	(22.6)		-51.1	(61.3)		-54.8	(66.6)	
Denmark	-13.6	(21.0)		-18.1	(22.4)		-44.5	(46.7)		-21.8	(46.2)	
Estonia	-9.3	(22.0)		-15.7	(23.3)		16.7	(78.6)		39.5	(79.4)	
Finland	67.0	(26.6)	**	64.5	(27.2)	**	4.3	(49.1)		23.8	(46.5)	
Germany	-1.7	(21.8)		-5.0	(23.1)		-42.4	(30.5)		-25.7	(29.1)	
Greece	-45.8	(14.5)	**	-49.0	(15.7)	**	-32.1	(33.8)		-10.9	(30.3)	
Ireland	11.8	(13.3)		12.6	(12.7)		40.1	(27.0)		31.2	(28.5)	
Israel	-24.7	(12.3)	**	-28.2	(13.4)	**	-113.0	(37.1)	**	-94.5	(35.9)	**
Italy	-51.2	(13.3)	***	-54.0	(12.5)	***	-26.9	(27.0)		-31.0	(27.7)	
Luxembourg	-48.9	(15.8)	**	-50.6	(16.4)	**	-36.6	(18.1)	**	-38.5	(17.8)	**
Netherlands	-9.8	(16.7)		-11.8	(17.2)		6.5	(49.1)		14.0	(49.9)	
New Zealand	-16.8	(7.2)	**	-16.4	(7.3)	**	-11.1	(12.5)		-13.1	(12.5)	
Portugal	-24.6	(19.0)		-26.0	(20.0)		-6.9	(22.0)		-22.0	(23.0)	
Switzerland	-25.2	(17.4)		-29.2	(18.5)		13.0	(16.5)		15.0	(16.0)	
United Kingdom	-29.1	(13.7)	**	-27.9	(13.8)	**	-59.5	(32.0)	*	-58.3	(32.9)	*
Age at arrival interaction with country of destination												
x Austria							-1.3	(10.0)		-9.6	(10.2)	
x Belgium							-1.5	(6.8)		1.9	(6.7)	
x Czech Republic							10.0	(26.2)		10.7	(30.0)	
x Denmark							12.2	(20.5)		0.5	(21.4)	
x Estonia							-11.4	(32.7)		-23.1	(33.6)	
x Finland							28.8	(20.2)		18.4	(20.3)	
x Germany							17.0	(11.7)		8.1	(13.4)	
x Greece							-6.9	(12.2)		-18.0	(11.1)	
x Ireland							-15.6	(11.6)		-10.1	(12.1)	
x Israel							37.5	(15.2)	**	27.6	(15.2)	*
x Italy							-14.0	(12.7)		-12.8	(14.5)	
x Luxembourg							-6.5	(7.0)		-6.4	(10.0)	
x Netherlands							-8.1	(21.0)		-12.3	(22.5)	
x New Zealand							-3.2	(7.7)		-1.6	(7.9)	
x Portugal							-11.0	(9.8)		-2.2	(14.2)	
x Switzerland							-17.8	(7.9)	**	-20.4	(9.6)	**
x United Kingdom							16.8	(13.8)		17.0	(14.3)	

Notes: *p<0.10, **p<0.05, ***p<0.001

All countries have equal weight in these analyses; all estimates control for PISA year (2009 as reference), gender (male as reference) and student's grade (10th as reference).

Source: PISA pooled data 2003, 2006, 2009. See Heath and Kilpi-Jakonen (2012).



Table B4.3 Estimated PISA scores of immigrants who arrived at or before age 5 and other groups' score differences compared to early arrivals by country of destination

	PISA reading score of first-generation students who arrived at or before age 5			Performance difference between first-generation students who arrived at or before age 5 and...											
				First-generation students who arrived at ages 6-11			First-generation students who arrived at ages 12 and above			Second-generation students			Non-immigrant students		
	Mean score	S.E.	Sign.	Coef.	S.E.	Sign.	Coef.	S.E.	Sign.	Coef.	S.E.	Sign.	Coef.	S.E.	Sign.
OECD															
Australia	507	(5.3)	***	-6.7	(5.0)		-24.1	(5.0)	***	-4.1	(3.8)		-7.4	(4.5)	*
Austria	430	(6.4)	***	4.0	(10.5)		-20.6	(13.0)		-8.0	(7.9)		46.2	(5.0)	***
Belgium	526	(6.0)	***	0.1	(7.7)		-20.1	(7.8)	**	-26.9	(5.7)	***	19.4	(5.5)	***
Canada	516	(3.8)	***	-2.5	(4.8)		-27.4	(5.7)	***	1.7	(3.7)		5.5	(3.7)	
Chile	m	m		m	m		m	m		m	m		m	m	
Czech Republic	492	(15.5)	***	11.2	(18.3)		-78.8	(30.7)	**	-50.8	(19.2)	**	-10.4	(14.7)	
Denmark	504	(10.2)	***	-19.5	(9.3)	**	-33.0	(21.9)		-18.2	(7.6)	**	41.3	(6.3)	***
Estonia	m	m		m	m		m	m		m	m		m	m	
Finland	486	(22.9)	***	-13.0	(16.7)		-20.2	(14.5)		8.0	(14.5)		50.5	(9.7)	***
France	500	(9.0)	***	-2.5	(13.3)		-5.9	(13.6)		-6.3	(8.6)		30.7	(8.1)	***
Germany	501	(6.1)	***	6.4	(8.0)		-65.8	(17.1)	***	-17.6	(6.1)	**	43.1	(5.6)	***
Greece	456	(6.2)	***	28.3	(9.8)	**	-35.4	(16.1)	**	-2.4	(9.3)		13.1	(5.4)	**
Hungary	525	(8.6)	***	-11.8	(17.8)		-13.9	(14.7)		-3.8	(12.1)		-10.9	(8.1)	
Iceland	414	(15.6)	***	-5.6	(18.4)		-103.0	(24.2)	***	52.2	(25.3)	**	63.7	(15.3)	***
Ireland	515	(11.2)	***	3.5	(12.1)		-32.5	(10.5)	**	-9.9	(12.2)		2.5	(11.1)	
Israel	487	(7.9)	***	-21.1	(9.8)	**	-91.7	(18.6)	***	-16.8	(7.2)	**	-18.9	(7.0)	**
Italy	464	(6.8)	***	18.9	(9.0)	**	-4.1	(9.5)		7.3	(9.5)		21.4	(6.3)	**
Japan	m	m		m	m		m	m		m	m		m	m	
Korea	m	m		m	m		m	m		m	m		m	m	
Luxembourg	486	(3.4)	***	-3.6	(5.5)		-13.2	(6.6)	**	-2.4	(3.7)		45.2	(3.6)	***
Mexico	363	(11.6)	***	32.9	(21.0)		38.4	(33.1)		20.9	(16.7)		82.6	(11.0)	***
Netherlands	510	(9.4)	***	-21.8	(10.8)	**	-9.5	(22.4)		-19.5	(7.8)	**	22.3	(7.2)	**
New Zealand	449	(7.1)	***	1.7	(6.9)		-21.8	(8.0)	**	-16.1	(7.2)	**	4.1	(6.5)	
Norway	440	(9.3)	***	-19.9	(12.9)		-40.8	(16.7)	**	-1.9	(11.1)		45.2	(9.2)	***
Poland	m	m		m	m		m	m		m	m		m	m	
Portugal	509	(9.7)	***	18.6	(10.3)	*	-17.7	(11.2)		14.8	(9.7)		17.7	(9.1)	*
Slovak Republic	m	m		m	m		m	m		m	m		m	m	
Slovenia	443	(6.7)	***	-24.8	(16.4)		-75.2	(18.1)	***	-16.3	(7.4)	**	18.9	(6.6)	**
Spain	478	(7.0)	***	15.0	(6.9)	**	-6.4	(7.6)		15.1	(10.3)		30.3	(6.7)	***
Sweden	482	(12.1)	***	-6.5	(11.2)		-47.3	(16.6)	**	23.5	(6.3)	***	62.1	(6.3)	***
Switzerland	471	(6.5)	***	-6.8	(5.8)		-2.4	(10.6)		22.3	(4.2)	***	67.4	(4.0)	***
Turkey	m	m		m	m		m	m		m	m		m	m	
United Kingdom	426	(12.1)	***	17.5	(12.1)		-18.4	(12.3)		32.8	(11.4)	**	37.7	(11.4)	**
United States	473	(8.0)	***	-7.8	(9.9)		-33.6	(13.9)	**	-1.7	(7.1)		23.8	(6.5)	***
OECD average	468	(1.7)	***	1.1	(1.9)		-20.3	(2.2)	***	1.7	(1.4)		25.1	(1.4)	***
Partners															
Croatia	459	(6.2)	***	7.4	(7.7)		-10.6	(15.2)		3.9	(6.3)		19.7	(5.2)	***
Dubai (UAE)	487	(4.0)	***	7.4	(4.9)		18.7	(5.8)	**	-39.5	(4.7)	***	-105.4	(4.0)	***
Hong Kong-China	547	(4.7)	***	12.1	(4.8)	**	1.5	(5.9)		-6.8	(3.8)	*	-14.5	(3.9)	***
Kazakhstan	355	(23.3)	***	1.2	(21.3)		-28.5	(24.1)		33.9	(23.5)		7.5	(22.1)	
Jordan	417	(6.6)	***	5.7	(10.8)		0.0	(9.5)		-12.0	(6.3)	*	-30.3	(5.5)	***
Macao-China	528	(5.8)	***	13.4	(6.5)	**	14.7	(6.5)	**	-14.2	(5.6)	**	-18.3	(5.6)	**
Montenegro	426	(9.0)	***	-7.0	(12.2)		-10.1	(16.5)		0.7	(11.5)		-18.8	(8.1)	**
Qatar	406	(3.3)	***	29.3	(5.2)	***	52.0	(4.7)	***	-46.9	(3.5)	***	-97.9	(3.4)	***
Russian Federation	466	(6.8)	***	-6.8	(9.8)		-18.1	(11.0)		-4.4	(7.7)		8.7	(5.7)	
Serbia	483	(9.2)	***	-8.1	(14.0)		-33.7	(19.2)	*	7.2	(7.2)		-11.2	(5.3)	**
Singapore	544	(8.4)	***	13.7	(12.3)		0.8	(10.7)		-3.8	(9.7)		-23.7	(8.3)	**
Former Yugoslavia	460	(14.6)	***	-5.1	(13.2)		-1.1	(33.1)		-24.5	(11.8)	**	-22.9	(10.4)	**

Notes: Significance *p<0.10, **p<0.05, ***p<0.001.

Only countries with a sample of at least 100 immigrant students included; all estimates control for PISA year (2009 as reference), gender (male as reference) and student's grade (10th as reference).

Source: PISA pooled data 2003, 2006, 2009. See Heath and Kilpi-Jakonen (2012).

Estimated PISA scores of immigrants who arrived at or before age 5 and other groups' score differences compared to early arrivals by country of destination before and after controls for parental education and socio-economic status

Table B4.4

	PISA reading score of those who arrived at or before age 5						Difference compared to early arrivals												
							Arrival ages 6-11						Arrival ages 12 and above						
	Before controls			After controls			Before controls			After controls			Before controls			After controls			
	Mean score	S.E.	Sign.	Mean score	S.E.	Sign.	Score dif.	S.E.	Sign.	Score dif.	S.E.	Sign.	Score dif.	S.E.	Sign.	Score dif.	S.E.	Sign.	
OECD	Australia	515	(5.1)	***	518	(5.0)	***	-4.6	(5.0)		-7.1	(4.5)		-24.1	(4.7)	***	-29.2	(4.4)	***
	Austria	434	(6.3)	***	468	(6.4)	***	2.1	(11.2)		-1.9	(10.4)		-17.0	(13.7)		-23.0	(11.0)	**
	Belgium	533	(6.8)	***	534	(6.5)	***	2.3	(8.6)		-1.8	(8.1)		-23.2	(7.5)	**	-26.9	(7.2)	***
	Canada	522	(3.8)	***	520	(3.8)	***	-3.7	(4.9)		-7.5	(4.9)		-29.6	(6.2)	***	-35.6	(6.0)	***
	Czech Republic	496	(14.8)	***	506	(12.3)	***	9.5	(18.0)		0.2	(15.6)		-77.7	(32.1)	**	-72.1	(25.5)	**
	Denmark	506	(11.1)	***	508	(11.1)	***	-15.5	(11.0)		-15.8	(10.2)		-32.1	(21.5)		-38.1	(20.9)	*
	Finland	487	(24.2)	***	478	(23.7)	***	-11.2	(17.5)		-19.4	(16.5)		-19.2	(16.7)		-40.8	(16.5)	**
	France	507	(9.8)	***	521	(8.7)	***	-4.2	(13.6)		-11.7	(13.0)		2.5	(14.3)		-12.9	(12.9)	
	Germany	507	(6.7)	***	522	(6.4)	***	7.6	(9.2)		2.3	(9.5)		-50.9	(15.4)	***	-69.5	(14.1)	***
	Greece	458	(6.2)	***	475	(6.0)	***	26.7	(9.9)	**	18.7	(9.7)	*	-32.4	(16.5)	**	-46.0	(16.0)	**
	Hungary	524	(8.8)	***	541	(10.2)	***	-12.1	(18.1)		-8.0	(17.9)		-13.7	(15.3)		-10.4	(15.6)	
	Iceland	417	(16.2)	***	433	(17.4)	***	-7.8	(18.8)		-8.1	(19.7)		-104.6	(24.0)	***	-102.7	(25.2)	***
	Ireland	515	(11.4)	***	507	(10.0)	***	5.8	(12.6)		3.6	(11.1)		-20.4	(12.9)		-20.1	(12.5)	
	Israel	502	(7.9)	***	508	(7.5)	***	-24.8	(10.6)	**	-18.8	(10.6)	*	-97.6	(20.0)	***	-87.1	(18.6)	***
	Italy	467	(7.1)	***	481	(6.7)	***	16.8	(9.4)	*	13.3	(9.7)		-6.9	(9.9)		-15.7	(9.3)	*
	Luxembourg	491	(3.6)	***	495	(3.9)	***	-3.3	(5.4)		-6.7	(4.7)		-11.2	(6.8)	*	-19.7	(6.3)	**
	Mexico	366	(12.3)	***	383	(12.6)	***	49.1	(17.8)	**	45.1	(16.6)	**	36.8	(36.3)		16.7	(32.7)	
	Netherlands	516	(10.4)	***	522	(10.0)	***	-17.8	(13.0)		-15.2	(13.3)		-2.6	(26.5)		-15.6	(24.7)	
	New Zealand	464	(7.2)	***	464	(6.4)	***	-3.1	(6.8)		-4.3	(6.1)		-30.3	(7.4)	***	-29.4	(6.9)	***
	Norway	456	(8.5)	***	456	(8.7)	***	-25.6	(11.8)	**	-31.3	(10.6)	**	-44.8	(16.5)	**	-56.0	(16.1)	***
	Portugal	511	(9.5)	***	511	(10.1)	***	19.3	(9.9)	*	18.2	(9.8)	*	-14.2	(10.9)		-14.0	(10.8)	
	Slovenia	447	(6.8)	***	467	(7.6)	***	-20.0	(16.8)		-10.9	(14.6)		-74.6	(19.3)	***	-53.4	(19.2)	**
	Spain	486	(6.8)	***	489	(7.2)	***	7.9	(7.2)		8.3	(7.5)		-10.4	(7.4)		-10.6	(7.5)	
	Sweden	485	(12.0)	***	481	(9.4)	***	12.0	(11.6)		3.6	(10.9)		-20.3	(17.5)		-29.2	(15.9)	*
	Switzerland	473	(6.7)	***	491	(6.3)	***	-4.5	(5.9)		-10.0	(5.3)	*	0.6	(11.1)		-14.6	(10.4)	
	United Kingdom	456	(12.3)	***	461	(10.4)	***	3.9	(13.5)		6.6	(12.4)		-27.2	(13.6)	**	-25.5	(13.0)	*
	United States	478	(7.6)	***	501	(7.7)	***	-9.3	(9.9)		-6.6	(9.0)		-31.6	(15.7)	**	-44.0	(14.2)	**
	OECD average	474	(1.7)	***	488	(1.4)	***	1.5	(2.0)		-4.4	(1.8)	**	-18.5	(2.2)	***	-28.8	(2.0)	***
Partners	Croatia	459	(6.2)	***	483	(6.4)	***	9.9	(7.7)		4.3	(7.1)		-7.6	(16.6)		-18.8	(16.5)	
	Dubai (UAE)	487	(4.1)	***	479	(4.3)	***	7.9	(4.9)		6.8	(4.8)		18.5	(5.9)	**	16.3	(5.7)	**
	Hong Kong-China	548	(4.7)	***	564	(4.9)	***	10.8	(4.6)	**	12.8	(4.5)	**	3.0	(5.6)		2.2	(5.6)	
	Jordan	421	(6.5)	***	427	(6.4)	***	7.8	(11.0)		-1.2	(10.0)		-2.5	(9.9)		-14.0	(10.1)	
	Kazakhstan	353	(24.5)	***	356	(22.6)	***	2.1	(22.9)		-0.1	(20.8)		-19.2	(24.9)		-20.4	(24.1)	
	Macao-China	528	(6.0)	***	525	(7.2)	***	13.3	(6.8)	**	13.7	(6.8)	**	15.2	(6.3)	**	15.8	(6.3)	**
	Montenegro	430	(9.4)	***	421	(9.1)	***	1.4	(12.3)		5.6	(12.3)		-15.1	(16.3)		-2.8	(16.9)	
	Qatar	417	(3.5)	***	411	(3.6)	***	29.1	(5.4)	***	25.3	(5.4)	***	53.6	(4.7)	***	47.8	(4.7)	***
	Russian Federation	466	(6.9)	***	465	(7.2)	***	-6.1	(9.9)		-8.7	(10.0)		-19.7	(11.0)	*	-25.5	(11.5)	**
	Serbia	484	(9.4)	***	478	(8.5)	***	-2.5	(13.7)		-0.6	(12.6)		-34.9	(19.2)	*	-43.6	(18.1)	**
	Singapore	547	(8.5)	***	551	(8.5)	***	10.3	(12.5)		6.3	(12.6)		0.7	(10.4)		-7.5	(10.7)	
	Former Yugoslavia	460	(14.9)	***	449	(14.3)	***	-4.2	(13.9)		12.3	(13.4)		-7.9	(32.6)		-13.6	(32.6)	

Notes: *p<0.10, **p<0.05, ***p<0.001.

Only countries with a sample of at least 100 immigrant students included; all estimates control for PISA year (2009 as reference), gender (male as reference) and student's grade (10th as reference); after controls models also include parental education (highest education, ISCED Levels 5A and 6 as reference) and highest parental ISEI score (standardised); number of observations is constant within countries, those with missing data for parents' education and socio-economic status excluded from all models.

Source: PISA pooled data 2003, 2006, 2009. See Heath and Kilpi-Jakonen (2012).



Estimated PISA scores of immigrants who arrived at or before age 5 and other groups' score differences compared to early arrivals by country of destination before and after controls for parental education and socio-economic status (continued)

		Difference compared to early arrivals											
		Second-generation						Non-immigrant					
		Before controls			After controls			Before controls			After controls		
		Score dif.	S.E.	Sign.	Score dif.	S.E.	Sign.	Score dif.	S.E.	Sign.	Score dif.	S.E.	Sign.
OECD	Australia	-6.3	(3.9)		2.6	(3.7)		-9.6	(4.4)	**	-2.8	(4.1)	
	Austria	-9.8	(8.0)		-8.8	(7.5)		44.1	(5.3)	***	25.4	(5.2)	***
	Belgium	-28.7	(6.8)	***	-22.0	(6.4)	***	13.6	(6.5)	**	5.7	(6.1)	
	Canada	-0.4	(3.8)		5.5	(3.6)		2.0	(3.8)		2.8	(3.5)	
	Czech Republic	-43.5	(18.5)	**	-36.6	(16.2)	**	-10.8	(14.1)		-12.6	(11.6)	
	Denmark	-16.7	(8.7)	*	-9.3	(8.6)		37.7	(7.3)	***	24.4	(7.2)	***
	Finland	11.3	(15.9)		0.0	(14.8)		49.7	(10.6)	***	38.7	(9.4)	***
	France	-4.4	(9.4)		-4.1	(8.5)		28.0	(8.8)	**	14.8	(7.9)	*
	Germany	-21.6	(6.8)	**	-17.3	(6.2)	**	38.6	(5.8)	***	21.2	(5.4)	***
	Greece	-1.3	(9.5)		-9.1	(9.1)		13.4	(5.3)	**	2.3	(5.1)	
	Hungary	-3.3	(12.6)		-7.4	(13.3)		-7.8	(8.5)		-5.6	(9.9)	
	Iceland	58.6	(26.0)	**	48.1	(25.8)	*	63.4	(15.8)	***	55.6	(16.9)	***
	Ireland	-9.9	(12.3)		-2.8	(10.9)		4.0	(11.5)		13.4	(10.1)	
	Israel	-18.4	(7.7)	**	-16.3	(7.2)	**	-22.6	(7.3)	**	-22.3	(7.1)	**
	Italy	10.3	(9.9)		3.4	(10.0)		19.5	(6.7)	**	11.0	(6.8)	
	Luxembourg	-2.6	(4.0)		-0.7	(3.8)		44.5	(3.8)	***	24.5	(3.7)	***
	Mexico	18.1	(18.1)		15.6	(18.1)		81.7	(11.9)	***	72.9	(11.6)	***
	Netherlands	-20.2	(9.5)	**	-13.1	(9.5)		17.9	(8.6)	**	8.8	(8.6)	
	New Zealand	-15.6	(6.8)	**	4.8	(6.0)		-1.5	(5.9)		10.5	(5.1)	**
	Norway	-11.3	(10.2)		-17.3	(9.8)	*	33.1	(8.0)	***	13.1	(7.6)	*
Portugal	14.3	(9.3)		14.3	(9.3)		16.4	(8.6)	*	20.0	(8.7)	**	
Slovenia	-16.1	(7.4)	**	-10.0	(8.0)		18.9	(6.6)	**	6.6	(7.1)		
Spain	9.7	(9.7)		9.0	(9.4)		23.2	(6.6)	***	22.6	(6.8)	***	
Sweden	25.9	(6.9)	***	23.6	(6.2)	***	59.2	(6.7)	***	44.8	(5.9)	***	
Switzerland	22.0	(4.3)	***	19.1	(3.8)	***	65.6	(4.0)	***	47.4	(3.6)	***	
United Kingdom	13.5	(11.0)		22.6	(10.0)	**	19.0	(11.9)		23.0	(10.1)	**	
United States	-1.6	(7.5)		-1.5	(6.9)		21.2	(6.2)	***	2.7	(6.0)		
	OECD average	2.3	(1.5)		4.5	(1.3)	***	22.4	(1.4)	***	15.4	(1.2)	***
Partners	Croatia	5.2	(6.7)		-4.8	(6.3)		21.7	(5.3)	***	4.9	(5.2)	
	Dubai (UAE)	-37.7	(4.6)	***	-30.5	(4.6)	***	-102.0	(4.1)	***	-90.1	(4.5)	***
	Hong Kong-China	-5.7	(3.9)		-4.6	(3.9)		-13.6	(3.9)	***	-18.8	(4.0)	***
	Jordan	-8.0	(6.3)		-4.9	(6.3)		-25.4	(5.6)	***	-18.7	(5.4)	***
	Kazakhstan	37.2	(24.2)		36.8	(22.6)		11.0	(23.3)		6.6	(21.6)	
	Macao-China	-14.3	(5.8)	**	-13.9	(5.7)	**	-17.9	(5.6)	**	-18.1	(5.5)	**
	Montenegro	-0.3	(11.6)		-2.1	(11.2)		-18.4	(8.4)	**	-10.6	(8.1)	
	Qatar	-42.7	(3.9)	***	-37.8	(3.8)	***	-95.9	(3.7)	***	-91.8	(3.6)	***
	Russian Federation	-2.0	(7.4)		-0.3	(7.5)		9.9	(5.8)	*	9.8	(5.8)	*
	Serbia	6.0	(7.4)		2.5	(7.0)		-10.3	(5.4)	*	-13.8	(5.2)	**
	Singapore	-4.8	(10.0)		7.5	(9.8)		-23.6	(8.5)	**	-4.9	(8.5)	
	Former Yugoslavia	-24.8	(12.3)	**	-17.4	(11.5)		-21.9	(10.4)	**	-14.6	(10.1)	

Notes: *p<0.10, **p<0.05, ***p<0.001.

Only countries with a sample of at least 100 immigrant students included; all estimates control for PISA year (2009 as reference), gender (male as reference) and student's grade (10th as reference); after controls models also include parental education (highest education, ISCED Levels 5A and 6 as reference) and highest parental ISEI score (standardised); number of observations is constant within countries, those with missing data for parents' education and socio-economic status excluded from all models.

Source: PISA pooled data 2003, 2006, 2009. See Heath and Kilpi-Jakonen (2012).

[Part 1/4] **Prevalence and average reading performance across mother's education, by immigrant status**
Table B5.1a Results based on students' self-reports

		Percentage of students in each category											
		Distribution of educational attainment of mother											
		At best primary						Lower secondary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	0.3	(0.1)	4.4	(0.8)	2.7	(0.6)	4.4	(0.3)	5.7	(0.8)	3.3	(0.7)
	Austria	0.6	(0.2)	9.2	(1.5)	17.8	(3.2)	4.8	(0.4)	22.5	(1.9)	16.3	(3.5)
	Belgium	2.5	(0.2)	22.7	(2.4)	13.9	(2.1)	4.6	(0.3)	10.6	(1.5)	8.1	(1.5)
	Canada	0.5	(0.1)	6.1	(1.0)	4.4	(0.8)	4.9	(0.2)	6.4	(0.8)	3.4	(0.6)
	Chile	11.2	(0.7)	c	c	c	c	22.8	(1.0)	c	c	c	c
	Czech Republic	0.3	(0.1)	3.8	(3.2)	1.3	(1.0)	2.8	(0.3)	10.8	(4.2)	8.7	(5.6)
	Denmark	0.3	(0.1)	19.9	(1.9)	16.2	(2.6)	9.6	(0.7)	21.2	(1.8)	14.6	(2.7)
	Estonia	0.2	(0.1)	0.0	(0.0)	0.0	(0.0)	4.8	(0.4)	5.9	(1.8)	6.1	(3.8)
	Finland	3.2	(0.3)	4.3	(2.6)	17.4	(4.7)	4.9	(0.4)	12.8	(4.5)	6.5	(3.4)
	France	0.9	(0.2)	18.1	(2.0)	11.6	(3.6)	14.1	(0.7)	31.2	(2.7)	31.0	(4.4)
	Germany	1.2	(0.2)	20.7	(2.1)	8.9	(2.1)	15.0	(0.9)	18.2	(1.6)	23.8	(3.6)
	Greece	8.1	(0.5)	2.4	(1.2)	5.8	(2.6)	13.7	(0.9)	7.2	(1.8)	17.6	(2.4)
	Hungary	1.0	(0.2)	0.0	(0.0)	0.0	(0.0)	15.0	(0.9)	9.3	(5.5)	12.5	(5.6)
	Iceland	0.9	(0.2)	c	c	0.0	(0.0)	22.4	(0.7)	c	c	25.3	(6.6)
	Ireland	3.8	(0.4)	3.6	(2.6)	4.6	(1.4)	13.8	(0.8)	20.2	(5.9)	5.3	(1.4)
	Israel	4.8	(0.4)	8.7	(2.0)	7.8	(1.8)	6.1	(0.5)	5.2	(0.9)	2.5	(1.0)
	Italy	4.4	(0.2)	10.4	(2.7)	10.9	(1.8)	31.1	(0.4)	29.1	(3.0)	20.0	(1.5)
	Japan	0.0	(0.0)	c	c	c	c	3.2	(0.2)	c	c	c	c
	Korea	2.9	(0.3)	c	c	m	m	8.0	(0.6)	c	c	m	m
	Luxembourg	2.7	(0.3)	35.0	(1.6)	26.9	(1.7)	14.6	(0.8)	17.9	(1.3)	14.4	(1.3)
	Mexico	35.5	(0.8)	57.0	(5.5)	57.9	(3.9)	25.8	(0.4)	16.2	(3.6)	16.5	(2.5)
	Netherlands	2.3	(0.3)	34.8	(2.7)	34.2	(4.8)	7.6	(0.5)	12.0	(2.3)	7.9	(2.5)
	New Zealand	2.4	(0.2)	4.5	(1.1)	3.6	(0.7)	11.7	(0.6)	12.8	(2.0)	4.9	(0.8)
	Norway	0.4	(0.1)	11.3	(2.3)	13.6	(3.4)	3.4	(0.3)	5.1	(1.9)	7.4	(2.0)
	Poland	0.2	(0.1)	m	m	c	c	7.9	(0.6)	m	m	c	c
	Portugal	36.6	(1.2)	30.7	(3.9)	14.5	(2.8)	22.3	(0.7)	23.8	(2.8)	24.4	(4.0)
	Slovak Republic	0.5	(0.1)	c	c	c	c	2.7	(0.3)	c	c	c	c
	Slovenia	0.3	(0.1)	0.7	(0.3)	3.2	(2.1)	9.1	(0.5)	26.4	(2.5)	44.1	(6.1)
	Spain	15.6	(0.9)	18.4	(3.5)	16.4	(1.9)	25.0	(0.8)	19.4	(3.6)	21.7	(1.8)
	Sweden	0.9	(0.1)	10.2	(1.9)	19.8	(3.3)	7.3	(0.5)	12.7	(2.0)	8.7	(2.5)
	Switzerland	0.8	(0.1)	15.3	(2.2)	15.1	(1.6)	14.8	(0.6)	32.1	(1.4)	28.7	(2.1)
	Turkey	62.8	(1.4)	c	c	c	c	17.3	(0.6)	c	c	c	c
United Kingdom	0.9	(0.1)	9.1	(2.7)	12.1	(3.2)	4.7	(0.3)	11.0	(2.4)	9.3	(1.7)	
United States	0.7	(0.2)	21.6	(2.5)	18.3	(2.5)	4.8	(0.4)	13.1	(1.4)	13.9	(1.6)	
OECD average	6.2	(0.1)	14.2	(0.5)	12.8	(0.5)	11.3	(0.1)	15.5	(0.5)	14.5	(0.6)	
Partners	Albania	13.4	(1.1)	c	c	c	c	25.7	(1.1)	c	c	c	c
	Argentina	28.0	(1.4)	45.3	(5.0)	35.3	(4.8)	11.3	(0.6)	8.9	(3.3)	7.6	(3.5)
	Azerbaijan	1.8	(0.3)	0.5	(0.5)	3.5	(3.5)	5.8	(0.5)	10.1	(3.5)	4.8	(3.7)
	Brazil	33.7	(1.1)	42.4	(13.2)	40.4	(17.8)	21.1	(0.6)	16.4	(12.1)	14.4	(8.8)
	Bulgaria	1.8	(0.3)	c	c	c	c	8.7	(1.0)	c	c	c	c
	Colombia	34.9	(1.5)	c	c	c	c	16.9	(0.6)	c	c	c	c
	Croatia	0.8	(0.2)	2.3	(0.9)	5.0	(1.7)	12.4	(0.6)	22.6	(2.5)	23.0	(3.6)
	Dubai (UAE)	20.7	(1.1)	8.2	(0.7)	2.4	(0.3)	13.8	(1.0)	7.4	(0.7)	4.7	(0.4)
	Hong Kong-China	20.6	(1.2)	35.1	(1.3)	40.5	(2.0)	17.4	(0.9)	26.1	(1.4)	28.5	(2.1)
	Indonesia	45.1	(2.0)	m	m	c	c	19.4	(0.8)	m	m	c	c
	Jordan	13.1	(0.7)	10.1	(1.4)	7.4	(2.3)	18.9	(0.7)	15.2	(1.7)	11.3	(2.8)
	Kazakhstan	0.1	(0.1)	0.7	(0.5)	1.2	(1.0)	2.3	(0.3)	3.1	(1.1)	8.7	(2.7)
	Kyrgyzstan	0.5	(0.1)	0.0	(0.0)	0.0	(0.0)	1.9	(0.2)	7.9	(4.4)	3.1	(3.6)
	Latvia	0.2	(0.1)	0.0	(0.0)	c	c	3.6	(0.5)	1.4	(0.8)	c	c
	Liechtenstein	1.0	(0.7)	16.3	(5.8)	21.1	(5.7)	19.1	(2.6)	27.5	(6.9)	23.9	(6.4)
	Lithuania	0.4	(0.1)	3.3	(1.8)	c	c	2.1	(0.2)	0.0	(0.0)	c	c
	Macao-China	32.2	(1.1)	37.1	(0.8)	27.5	(1.5)	27.7	(1.1)	38.1	(0.8)	37.1	(1.8)
	Montenegro	1.5	(0.2)	0.0	(0.0)	5.4	(4.3)	11.2	(0.9)	9.1	(4.6)	6.3	(1.8)
	Panama	24.6	(1.9)	17.3	(4.9)	25.0	(5.0)	8.8	(0.6)	14.9	(4.6)	14.2	(6.6)
	Peru	33.1	(1.5)	c	c	c	c	10.4	(0.5)	c	c	c	c
	Qatar	17.6	(0.4)	18.8	(0.9)	6.5	(0.5)	6.3	(0.4)	5.9	(0.6)	4.2	(0.5)
	Romania	4.1	(0.5)	c	c	c	c	7.8	(0.5)	c	c	c	c
	Russian Federation	0.1	(0.1)	1.9	(1.4)	0.4	(0.5)	2.6	(0.3)	6.0	(3.6)	5.4	(1.9)
	Serbia	1.3	(0.3)	0.5	(0.6)	1.1	(0.8)	10.1	(0.6)	10.8	(2.9)	7.6	(1.7)
	Shanghai-China	8.6	(0.7)	c	c	c	c	29.1	(1.2)	c	c	c	c
	Singapore	17.0	(0.6)	17.9	(2.3)	8.0	(1.2)	5.9	(0.4)	8.3	(1.9)	5.0	(1.0)
	Chinese Taipei	7.7	(0.4)	c	c	c	c	18.7	(0.7)	c	c	c	c
	Thailand	56.8	(1.2)	m	m	m	m	11.3	(0.6)	m	m	m	m
	Trinidad and Tobago	15.5	(0.7)	22.4	(6.1)	6.9	(3.8)	7.8	(0.4)	6.9	(3.9)	11.1	(4.1)
	Tunisia	51.8	(1.7)	c	c	c	c	15.0	(0.7)	c	c	c	c
Uruguay	31.5	(0.9)	c	c	c	c	28.3	(0.8)	c	c	c	c	

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary is defined as MISCED = 3 or 4 and Tertiary is defined as MISCED = 5 or 6.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 2/4] **Prevalence and average reading performance across mother's education, by immigrant status (cont.)**
Table B5.1a Results based on students' self-reports

		Percentage of students in each category											
		Distribution of educational attainment of mother											
		Upper secondary						Tertiary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	53.7	(0.7)	48.1	(2.0)	40.6	(1.4)	41.5	(0.7)	41.9	(2.2)	53.5	(1.3)
	Austria	69.1	(0.8)	49.9	(2.8)	43.9	(3.9)	25.5	(0.8)	18.4	(2.0)	22.0	(3.3)
	Belgium	38.3	(0.8)	30.2	(2.3)	32.8	(2.4)	54.6	(0.8)	36.6	(3.1)	45.2	(2.5)
	Canada	33.5	(0.5)	32.0	(1.5)	22.2	(1.5)	61.1	(0.5)	55.5	(2.0)	70.0	(1.9)
	Chile	42.7	(1.0)	c	c	c	c	23.3	(0.9)	c	c	c	c
	Czech Republic	75.8	(0.6)	63.5	(6.3)	58.7	(8.8)	21.1	(0.6)	22.0	(4.9)	31.2	(7.9)
	Denmark	33.0	(0.8)	23.4	(1.8)	27.9	(3.1)	57.2	(1.0)	35.5	(2.5)	41.3	(3.6)
	Estonia	48.6	(1.0)	43.5	(3.4)	37.9	(10.0)	46.4	(1.0)	50.6	(3.7)	56.0	(11.5)
	Finland	19.8	(0.7)	20.9	(6.1)	11.7	(4.1)	72.1	(0.8)	62.0	(8.3)	64.4	(5.9)
	France	42.0	(1.1)	25.3	(2.1)	23.3	(3.7)	43.0	(1.4)	25.3	(2.3)	34.1	(6.2)
	Germany	58.4	(1.1)	36.9	(2.4)	32.0	(3.4)	25.4	(1.1)	24.3	(2.2)	35.4	(2.9)
	Greece	41.4	(0.8)	51.2	(5.1)	49.6	(4.0)	36.8	(1.2)	39.2	(5.0)	27.0	(3.9)
	Hungary	52.8	(1.1)	59.2	(7.7)	54.1	(7.9)	31.2	(1.1)	31.5	(7.5)	33.4	(7.6)
	Iceland	33.0	(0.7)	c	c	38.8	(6.0)	43.8	(0.9)	c	c	35.9	(5.9)
	Ireland	44.5	(1.0)	45.1	(7.1)	29.7	(2.3)	37.9	(1.0)	31.1	(6.0)	60.4	(2.8)
	Israel	44.3	(1.1)	36.2	(2.0)	34.8	(3.2)	44.8	(1.1)	50.0	(2.4)	54.9	(4.0)
	Italy	40.1	(0.4)	30.8	(3.0)	42.8	(2.1)	24.4	(0.4)	29.6	(3.8)	26.4	(2.1)
	Japan	49.1	(0.9)	c	c	c	c	47.7	(0.9)	c	c	c	c
	Korea	56.0	(1.1)	c	c	m	m	33.1	(1.3)	c	c	m	m
	Luxembourg	40.1	(1.0)	25.4	(1.5)	20.3	(1.7)	42.7	(1.0)	21.7	(1.2)	38.4	(1.6)
	Mexico	12.6	(0.4)	7.9	(2.8)	4.6	(1.0)	26.1	(0.7)	18.9	(5.1)	21.1	(3.4)
	Netherlands	48.9	(1.1)	29.7	(2.3)	21.7	(3.4)	41.3	(1.2)	23.6	(3.4)	36.2	(4.7)
	New Zealand	48.8	(1.0)	43.9	(3.2)	32.1	(2.0)	37.2	(1.0)	38.9	(2.6)	59.5	(2.1)
	Norway	35.9	(0.8)	36.5	(3.4)	32.2	(3.9)	60.3	(0.9)	47.1	(4.2)	46.7	(4.2)
	Poland	73.4	(1.0)	m	m	c	c	18.5	(1.0)	m	m	c	c
	Portugal	20.7	(0.7)	20.9	(3.2)	25.2	(3.5)	20.5	(1.1)	24.7	(3.1)	36.0	(4.3)
	Slovak Republic	76.3	(0.8)	c	c	c	c	20.5	(0.8)	c	c	c	c
	Slovenia	57.1	(0.7)	58.9	(2.9)	30.5	(5.3)	33.6	(0.8)	14.0	(2.2)	22.2	(4.9)
	Spain	27.1	(0.6)	31.1	(4.7)	29.5	(1.5)	32.3	(1.2)	31.2	(5.5)	32.5	(2.2)
	Sweden	28.4	(0.8)	21.9	(2.7)	23.0	(3.6)	63.4	(0.9)	55.1	(3.1)	48.5	(3.9)
	Switzerland	47.0	(1.1)	23.4	(1.5)	20.5	(1.9)	37.4	(0.9)	29.2	(1.9)	35.7	(3.5)
	Turkey	12.7	(0.7)	c	c	c	c	7.2	(0.8)	c	c	c	c
	United Kingdom	48.4	(0.8)	36.6	(3.2)	27.9	(2.9)	46.1	(0.8)	43.3	(3.0)	50.7	(4.5)
United States	42.3	(1.3)	36.7	(2.1)	32.8	(2.9)	52.2	(1.5)	28.7	(2.6)	35.0	(3.6)	
OECD average	44.0	(0.2)	35.9	(0.7)	31.5	(0.8)	38.5	(0.2)	34.4	(0.8)	41.2	(0.9)	
Partners	Albania	38.6	(1.3)	c	c	c	c	22.4	(1.2)	c	c	c	c
	Argentina	18.1	(0.7)	26.0	(4.4)	12.0	(3.6)	42.6	(1.4)	19.8	(4.6)	45.1	(5.1)
	Azerbaijan	43.5	(1.5)	47.0	(8.2)	34.8	(10.0)	49.0	(1.5)	42.5	(9.2)	56.9	(10.2)
	Brazil	23.9	(0.8)	9.5	(5.6)	14.1	(9.4)	21.3	(0.6)	31.7	(9.3)	31.0	(16.8)
	Bulgaria	54.7	(1.5)	c	c	c	c	34.8	(1.6)	c	c	c	c
	Colombia	14.4	(0.7)	c	c	c	c	33.8	(1.3)	c	c	c	c
	Croatia	53.0	(1.0)	48.4	(3.2)	49.8	(3.5)	33.8	(1.1)	26.8	(2.6)	22.3	(2.9)
	Dubai (UAE)	33.0	(1.3)	30.6	(1.5)	24.0	(1.1)	32.5	(1.1)	53.8	(1.5)	69.0	(1.2)
	Hong Kong-China	49.2	(1.2)	34.3	(1.4)	25.4	(1.6)	12.9	(1.1)	4.5	(0.6)	5.5	(1.1)
	Indonesia	24.5	(1.4)	m	m	c	c	11.0	(1.1)	m	m	c	c
	Jordan	33.6	(0.9)	34.7	(2.5)	21.4	(3.0)	34.4	(1.1)	39.9	(2.6)	60.0	(4.3)
	Kazakhstan	20.9	(0.9)	21.8	(2.3)	19.8	(2.3)	76.8	(1.0)	74.4	(3.1)	70.4	(3.7)
	Kyrgyzstan	34.8	(0.9)	30.0	(7.4)	32.7	(8.5)	62.9	(1.0)	62.2	(8.7)	64.2	(9.4)
	Latvia	48.1	(1.2)	49.2	(5.4)	c	c	48.1	(1.3)	49.4	(5.4)	c	c
	Liechtenstein	46.1	(3.2)	33.0	(7.6)	27.4	(7.7)	33.9	(3.0)	23.2	(6.1)	27.6	(7.1)
	Lithuania	48.2	(0.8)	47.9	(6.7)	c	c	49.2	(0.9)	48.8	(6.2)	c	c
	Macao-China	25.9	(1.1)	19.9	(0.8)	24.9	(1.5)	14.3	(0.9)	4.9	(0.4)	10.5	(1.0)
	Montenegro	67.4	(1.2)	63.4	(6.2)	61.1	(4.0)	19.9	(0.6)	27.5	(5.4)	27.2	(3.8)
	Panama	15.4	(1.0)	29.0	(10.4)	9.4	(5.0)	51.3	(2.0)	38.8	(10.6)	51.4	(5.2)
	Peru	37.8	(1.1)	c	c	c	c	18.8	(1.1)	c	c	c	c
	Qatar	29.6	(0.7)	31.8	(1.2)	27.0	(0.9)	46.5	(0.7)	43.5	(1.4)	62.3	(1.0)
	Romania	55.4	(1.0)	c	c	c	c	32.7	(1.2)	c	c	c	c
	Russian Federation	13.8	(0.6)	15.5	(2.1)	20.9	(2.9)	83.6	(0.7)	76.7	(5.4)	73.3	(3.7)
	Serbia	48.1	(0.9)	42.2	(3.9)	52.9	(3.4)	40.5	(0.8)	46.6	(3.8)	38.4	(3.4)
	Shanghai-China	30.4	(0.8)	c	c	c	c	32.0	(1.1)	c	c	c	c
	Singapore	51.4	(0.8)	42.6	(3.1)	30.0	(2.1)	25.7	(0.7)	31.1	(3.2)	57.1	(2.2)
	Chinese Taipei	32.3	(0.7)	c	c	c	c	41.3	(0.9)	c	c	c	c
Thailand	19.6	(0.7)	m	m	m	m	12.3	(1.1)	m	m	m	m	
Trinidad and Tobago	52.8	(1.0)	38.5	(7.9)	34.7	(6.5)	23.8	(0.8)	32.2	(7.4)	47.3	(6.8)	
Tunisia	22.4	(1.1)	c	c	c	c	10.7	(0.9)	c	c	c	c	
Uruguay	17.0	(0.6)	c	c	c	c	23.1	(0.7)	c	c	c	c	

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary is defined as MISCED = 3 or 4 and Tertiary is defined as MISCED = 5 or 6.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 3/4] **Prevalence and average reading performance across mother's education, by immigrant status (cont.)**
Table B5.1a Results based on students' self-reports

		Student performance on the reading scale											
		Distribution of educational attainment of mother											
		At best primary						Lower secondary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	453	(15.5)	497	(15.3)	450	(16.8)	468	(5.0)	511	(11.7)	450	(14.5)
	Austria	c	c	382	(11.3)	347	(16.4)	431	(9.1)	414	(11.1)	358	(15.5)
	Belgium	461	(9.0)	432	(12.9)	413	(11.4)	505	(5.9)	482	(13.7)	441	(25.4)
	Canada	455	(12.6)	506	(12.4)	456	(17.9)	496	(6.0)	515	(12.8)	483	(18.8)
	Chile	410	(4.5)	c	c	c	c	422	(3.8)	c	c	c	c
	Czech Republic	c	c	c	c	c	c	444	(9.0)	c	c	c	c
	Denmark	c	c	426	(6.6)	401	(9.7)	461	(4.5)	437	(6.0)	418	(16.1)
	Estonia	c	c	m	m	m	m	470	(7.9)	c	c	c	c
	Finland	491	(7.1)	c	c	c	c	511	(5.6)	c	c	c	c
	France	427	(20.1)	437	(15.4)	c	c	468	(6.1)	459	(9.7)	451	(21.1)
	Germany	444	(12.4)	439	(10.7)	c	c	463	(5.0)	437	(11.0)	424	(12.8)
	Greece	446	(8.3)	c	c	c	c	452	(6.9)	c	c	412	(41.3)
	Hungary	367	(18.2)	m	m	m	m	426	(5.6)	c	c	c	c
	Iceland	c	c	c	c	c	c	482	(3.2)	c	c	c	c
	Ireland	456	(9.9)	c	c	m	m	470	(4.3)	c	c	c	c
	Israel	388	(10.0)	429	(14.4)	c	c	407	(7.4)	461	(12.7)	c	c
	Italy	433	(6.4)	c	c	372	(11.2)	468	(2.6)	430	(14.7)	400	(10.2)
	Japan	m	m	m	m	m	m	488	(7.4)	c	c	c	c
	Korea	492	(10.7)	m	m	m	m	515	(6.0)	m	m	m	m
	Luxembourg	424	(11.1)	426	(5.2)	393	(8.7)	480	(5.4)	434	(7.8)	424	(9.1)
	Mexico	401	(2.2)	344	(10.9)	322	(9.5)	430	(1.7)	354	(18.3)	325	(12.7)
	Netherlands	485	(8.5)	451	(9.7)	449	(11.2)	504	(8.2)	472	(9.5)	c	c
	New Zealand	455	(12.5)	c	c	c	c	509	(4.8)	487	(17.4)	517	(15.4)
	Norway	c	c	c	c	c	c	493	(7.1)	c	c	c	c
	Poland	c	c	m	m	m	m	446	(5.2)	m	m	c	c
	Portugal	465	(4.2)	441	(13.6)	c	c	483	(3.6)	474	(14.0)	452	(15.5)
	Slovak Republic	c	c	m	m	m	m	396	(13.2)	c	c	c	c
Slovenia	c	c	c	c	c	c	444	(4.1)	434	(10.8)	420	(16.2)	
Spain	456	(3.3)	439	(20.5)	388	(6.3)	471	(2.6)	454	(19.8)	420	(6.4)	
Sweden	432	(17.0)	c	c	c	c	474	(6.6)	423	(15.4)	c	c	
Switzerland	456	(22.5)	451	(15.8)	417	(7.8)	481	(3.9)	466	(6.3)	427	(7.2)	
Turkey	455	(3.3)	c	c	c	c	462	(4.8)	c	c	c	c	
United Kingdom	428	(9.7)	c	c	429	(16.9)	465	(6.2)	487	(12.5)	452	(23.6)	
United States	c	c	462	(6.1)	443	(11.7)	455	(6.4)	469	(10.5)	454	(12.9)	
OECD average	443	(2.4)	438	(3.3)	406	(3.5)	466	(1.1)	455	(2.9)	429	(4.3)	
Partners	Albania	361	(6.7)	c	c	c	c	369	(5.4)	c	c	m	m
	Argentina	360	(4.8)	362	(18.9)	c	c	397	(7.3)	c	c	c	c
	Azerbaijan	335	(11.2)	c	c	c	c	354	(6.4)	c	c	c	c
	Brazil	387	(2.5)	310	(33.1)	c	c	412	(3.4)	c	c	c	c
	Bulgaria	301	(16.7)	m	m	c	c	356	(8.7)	c	c	c	c
	Colombia	385	(4.4)	c	c	c	c	407	(4.4)	c	c	c	c
	Croatia	430	(16.9)	c	c	c	c	436	(4.9)	435	(9.9)	418	(14.9)
	Dubai (UAE)	366	(4.6)	396	(9.7)	382	(12.7)	387	(5.3)	419	(12.5)	445	(8.4)
	Hong Kong-China	520	(4.6)	536	(4.6)	502	(7.7)	523	(4.4)	540	(5.0)	512	(7.1)
	Indonesia	389	(3.2)	m	m	c	c	396	(4.3)	m	m	c	c
	Jordan	377	(4.5)	403	(11.2)	c	c	397	(4.0)	416	(10.0)	c	c
	Kazakhstan	c	c	c	c	c	c	345	(12.9)	c	c	c	c
	Kyrgyzstan	c	c	m	m	m	m	270	(12.7)	c	c	c	c
	Latvia	c	c	m	m	m	m	459	(9.7)	c	c	m	m
	Liechtenstein	c	c	c	c	c	c	477	(13.1)	c	c	c	c
	Lithuania	c	c	c	c	m	m	432	(8.1)	m	m	m	m
	Macao-China	479	(3.7)	486	(2.1)	476	(4.3)	479	(3.9)	492	(2.4)	492	(4.2)
	Montenegro	353	(11.7)	m	m	c	c	366	(4.9)	c	c	c	c
	Panama	347	(6.5)	c	c	c	c	359	(7.1)	c	c	c	c
	Peru	326	(3.5)	c	c	c	c	356	(4.7)	c	c	c	c
	Qatar	329	(2.8)	342	(4.4)	354	(7.7)	332	(5.5)	365	(11.1)	413	(9.6)
	Romania	348	(7.7)	m	m	c	c	414	(6.3)	m	m	m	m
	Russian Federation	c	c	c	c	c	c	405	(10.7)	c	c	c	c
	Serbia	394	(18.5)	c	c	c	c	407	(5.8)	c	c	c	c
	Shanghai-China	514	(6.2)	c	c	c	c	539	(2.9)	c	c	c	c
	Singapore	480	(3.4)	519	(12.5)	464	(16.0)	493	(6.7)	c	c	c	c
	Chinese Taipei	465	(4.5)	c	c	c	c	475	(3.3)	c	c	c	c
Thailand	410	(2.6)	m	m	m	m	413	(4.2)	m	m	m	m	
Trinidad and Tobago	400	(4.1)	c	c	c	c	416	(6.6)	c	c	c	c	
Tunisia	393	(2.6)	c	c	c	c	407	(3.9)	c	c	c	c	
Uruguay	388	(3.2)	c	c	c	c	413	(3.4)	c	c	c	c	

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary is defined as MISCED = 3 or 4 and Tertiary is defined as MISCED = 5 or 6.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 4/4] **Prevalence and average reading performance across mother's education, by immigrant status (cont.)**
Table B5.1a Results based on students' self-reports

		Student performance on the reading scale											
		Distribution of educational attainment of mother											
		Upper secondary						Tertiary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	505	(2.0)	520	(5.8)	509	(7.6)	541	(2.6)	555	(8.1)	541	(6.4)
	Austria	479	(3.1)	436	(8.4)	394	(16.9)	509	(4.0)	457	(11.7)	431	(17.0)
	Belgium	502	(2.8)	451	(9.4)	452	(11.2)	545	(2.3)	489	(10.6)	485	(9.5)
	Canada	516	(1.8)	520	(4.8)	500	(6.9)	540	(1.9)	533	(4.1)	536	(4.6)
	Chile	461	(3.2)	c	c	c	c	491	(3.4)	c	c	c	c
	Czech Republic	479	(2.8)	442	(18.9)	472	(17.1)	498	(4.8)	c	c	c	c
	Denmark	495	(2.8)	461	(7.1)	429	(13.0)	516	(2.5)	470	(9.5)	441	(12.9)
	Estonia	500	(2.7)	458	(7.2)	c	c	516	(3.5)	480	(9.1)	c	c
	Finland	520	(3.4)	c	c	c	c	549	(2.4)	506	(18.1)	480	(19.6)
	France	504	(3.9)	472	(15.8)	c	c	535	(4.6)	477	(13.8)	469	(16.9)
	Germany	519	(2.5)	481	(8.4)	454	(11.1)	543	(4.1)	487	(13.6)	486	(11.9)
	Greece	490	(4.7)	451	(12.1)	436	(12.3)	513	(3.7)	466	(15.9)	412	(20.8)
	Hungary	495	(2.8)	c	c	c	c	536	(4.5)	c	c	c	c
	Iceland	499	(2.9)	c	c	c	c	523	(2.3)	c	c	c	c
	Ireland	503	(3.5)	c	c	444	(11.1)	526	(3.3)	c	c	488	(8.8)
	Israel	464	(3.6)	473	(8.2)	459	(9.5)	522	(3.9)	527	(6.7)	499	(10.2)
	Italy	507	(1.6)	468	(9.3)	430	(6.7)	508	(2.4)	458	(21.0)	419	(7.3)
	Japan	508	(3.9)	c	c	c	c	543	(3.5)	c	c	c	c
	Korea	539	(2.9)	m	m	m	m	557	(4.8)	c	c	m	m
	Luxembourg	502	(3.0)	451	(6.0)	446	(10.8)	508	(3.3)	480	(7.3)	519	(7.1)
	Mexico	456	(2.8)	c	c	c	c	459	(2.4)	345	(34.3)	338	(33.5)
	Netherlands	512	(5.8)	480	(11.1)	c	c	530	(5.4)	487	(16.8)	510	(20.6)
	New Zealand	526	(3.0)	504	(8.5)	506	(7.4)	560	(3.4)	537	(12.7)	543	(5.9)
	Norway	497	(2.8)	462	(10.0)	443	(17.5)	519	(2.9)	479	(11.2)	473	(12.1)
	Poland	497	(2.3)	m	m	m	m	554	(3.9)	m	m	m	m
	Portugal	512	(3.3)	488	(15.4)	436	(15.9)	535	(4.5)	522	(11.5)	485	(13.5)
	Slovak Republic	477	(2.5)	c	c	c	c	503	(4.2)	c	c	m	m
	Slovenia	479	(1.8)	459	(6.2)	391	(14.9)	520	(2.5)	444	(18.2)	c	c
	Spain	493	(2.4)	480	(12.8)	428	(6.2)	516	(2.8)	460	(17.0)	452	(6.7)
	Sweden	504	(3.7)	471	(11.6)	424	(16.4)	519	(3.2)	482	(8.3)	456	(16.6)
	Switzerland	517	(2.5)	474	(6.6)	452	(11.2)	530	(3.4)	498	(7.5)	507	(10.2)
	Turkey	504	(4.9)	c	c	c	c	530	(7.1)	c	c	c	c
United Kingdom	497	(2.6)	502	(10.8)	449	(13.0)	522	(2.9)	509	(11.0)	487	(12.0)	
United States	489	(3.4)	482	(8.3)	477	(9.4)	526	(4.8)	517	(10.1)	533	(10.4)	
OECD average	498	(0.5)	473	(2.1)	449	(2.7)	525	(0.6)	486	(2.9)	478	(3.0)	
Partners	Albania	406	(4.1)	c	c	c	c	409	(6.9)	c	c	c	c
	Argentina	411	(5.5)	c	c	c	c	432	(5.6)	c	c	c	c
	Azerbaijan	353	(4.1)	335	(13.8)	c	c	378	(3.9)	386	(12.5)	c	c
	Brazil	437	(3.5)	c	c	c	c	445	(4.8)	c	c	c	c
	Bulgaria	429	(6.5)	c	c	c	c	474	(7.6)	c	c	c	c
	Colombia	429	(5.0)	c	c	m	m	446	(4.9)	c	c	c	c
	Croatia	482	(3.0)	470	(7.6)	460	(12.1)	493	(4.3)	483	(9.0)	473	(17.7)
	Dubai (UAE)	397	(4.2)	455	(5.2)	485	(4.5)	420	(4.7)	494	(3.8)	518	(2.3)
	Hong Kong-China	541	(3.1)	553	(4.5)	525	(6.4)	558	(5.6)	555	(12.8)	544	(21.6)
	Indonesia	417	(4.8)	m	m	c	c	438	(7.9)	m	m	c	c
	Jordan	410	(3.2)	427	(6.7)	419	(14.3)	433	(4.0)	432	(10.1)	426	(9.1)
	Kazakhstan	357	(4.1)	371	(13.6)	347	(14.6)	401	(3.3)	432	(12.8)	381	(9.5)
	Kyrgyzstan	291	(3.9)	c	c	c	c	336	(3.8)	378	(23.2)	c	c
	Latvia	474	(2.9)	450	(11.5)	c	c	501	(3.6)	497	(10.2)	c	c
	Liechtenstein	518	(8.1)	c	c	c	c	526	(7.8)	c	c	c	c
	Lithuania	454	(3.1)	436	(15.2)	c	c	493	(2.8)	457	(17.2)	c	c
	Macao-China	489	(3.3)	491	(3.0)	502	(4.3)	489	(5.5)	497	(7.7)	504	(9.0)
	Montenegro	412	(1.7)	421	(12.5)	422	(9.3)	432	(3.5)	c	c	402	(13.5)
	Panama	382	(6.2)	c	c	c	c	407	(8.1)	369	(37.3)	359	(51.3)
	Peru	399	(3.9)	c	c	c	c	432	(8.0)	c	c	c	c
	Qatar	325	(2.6)	387	(4.7)	448	(4.1)	338	(2.0)	422	(3.8)	475	(2.8)
	Romania	428	(4.1)	c	c	c	c	437	(5.6)	c	c	c	c
	Russian Federation	434	(5.1)	417	(19.2)	404	(15.3)	471	(3.2)	448	(6.0)	458	(9.9)
	Serbia	445	(2.5)	460	(6.6)	452	(9.5)	451	(3.1)	477	(11.1)	448	(8.4)
	Shanghai-China	558	(2.6)	c	c	c	c	584	(3.1)	m	m	c	c
	Singapore	532	(2.2)	534	(9.3)	512	(9.1)	557	(2.7)	584	(14.7)	539	(6.6)
	Chinese Taipei	491	(2.8)	c	c	c	c	521	(3.3)	c	c	c	c
	Thailand	430	(3.1)	m	m	m	m	474	(6.0)	m	m	m	m
	Trinidad and Tobago	429	(2.0)	c	c	c	c	450	(4.1)	c	c	460	(28.7)
	Tunisia	423	(4.3)	c	c	c	c	433	(8.1)	m	m	c	c
	Uruguay	457	(3.9)	c	c	c	c	484	(4.0)	c	c	c	c

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary is defined as MISCED = 3 or 4 and Tertiary is defined as MISCED = 5 or 6.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B5.1b Average reading performance across mother's education, by immigrant status
Results based on students' self-reports

		Average reading performance																									
		Distribution of educational attainment of mother																									
		Less than upper-secondary								Upper secondary								Tertiary									
		Non-immigrant students		Second-generation students		First-generation students		Immigrant students		Non-immigrant students		Second-generation students		First-generation students		Immigrant students		Non-immigrant students		Second-generation students		First-generation students		Immigrant students			
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.	Mean	S.E.	Mean	S.E.	Mean	S.E.				
OECD	Australia	465.6	(4.8)	505.4	(11.6)	448.9	(10.0)	485.0	(8.6)	503.8	(2.0)	520.0	(5.7)	508.3	(7.5)	514.8	(5.8)	540.1	(2.6)	554.8	(8.0)	540.8	(6.4)	547.2	(6.3)		
	Austria	423.1	(9.5)	404.5	(9.8)	348.4	(12.0)	385.8	(7.8)	478.7	(3.1)	435.6	(8.3)	390.8	(16.4)	422.5	(8.4)	507.6	(4.0)	453.3	(11.9)	430.6	(17.0)	445.4	(10.8)		
	Belgium	485.6	(5.2)	447.5	(8.8)	421.6	(12.4)	437.9	(7.0)	500.0	(2.8)	449.9	(9.2)	449.4	(11.3)	449.7	(8.8)	543.9	(2.3)	483.8	(10.3)	480.3	(11.0)	482.0	(8.1)		
	Canada	491.4	(5.5)	508.0	(9.3)	466.9	(13.1)	494.5	(8.3)	515.0	(1.8)	519.3	(4.7)	498.5	(7.0)	512.0	(4.0)	539.4	(1.8)	531.8	(4.1)	534.8	(4.8)	533.3	(3.6)		
	Chile	417.2	(3.4)	c	c	c	c	c	c	460.5	(3.2)	c	c	c	c	c	c	489.1	(3.5)	c	c	c	c	c	c		
	Czech Republic	435.8	(8.1)	c	c	c	c	c	c	478.6	(2.8)	436.9	(20.2)	471.8	(17.1)	449.1	(14.7)	497.1	(4.8)	c	c	c	c	c	519.5	(23.6)	
	Denmark	460.0	(4.5)	430.1	(3.8)	407.3	(9.1)	424.4	(4.0)	493.7	(2.9)	459.1	(6.8)	427.5	(12.8)	447.8	(6.3)	515.9	(2.5)	467.6	(9.5)	441.2	(12.4)	458.3	(8.2)		
	Estonia	467.4	(7.5)	c	c	c	c	c	c	499.5	(2.7)	458.3	(7.2)	c	c	c	c	460.9	(6.8)	515.2	(3.5)	480.4	(9.1)	c	478.3	(9.0)	
	Finland	500.8	(4.6)	c	c	c	c	c	c	519.3	(3.3)	c	c	c	c	c	c	548.3	(2.4)	505.6	(18.1)	480.3	(19.6)	491.4	(13.6)		
	France	462.6	(5.5)	448.2	(9.3)	421.8	(22.0)	442.2	(8.5)	502.0	(3.9)	464.0	(14.7)	c	c	c	453.2	(14.5)	534.9	(4.7)	469.2	(13.7)	468.5	(16.4)	469.0	(11.5)	
	Germany	459.9	(4.8)	430.7	(8.2)	412.2	(10.4)	425.2	(6.7)	518.7	(2.5)	473.0	(8.0)	457.5	(10.8)	468.4	(6.8)	541.1	(4.0)	480.1	(13.7)	482.8	(11.6)	481.2	(10.5)		
	Greece	448.5	(6.3)	c	c	410.3	(30.6)	414.5	(26.3)	490.1	(4.6)	451.3	(12.1)	435.7	(12.2)	441.0	(8.9)	512.7	(3.7)	466.4	(15.9)	412.0	(20.8)	434.8	(15.7)		
	Hungary	422.5	(5.8)	c	c	c	c	c	c	494.9	(2.7)	c	c	c	c	c	c	511.4	(9.7)	535.7	(4.5)	c	c	c	c	c	
	Iceland	479.6	(3.2)	c	c	c	c	c	c	498.4	(2.9)	c	c	c	c	c	c	427.4	(19.4)	522.4	(2.3)	c	c	c	c	433.4	(21.1)
	Ireland	464.1	(4.4)	c	c	c	c	c	453.2	(17.4)	501.6	(3.5)	c	c	c	441.4	(11.3)	460.1	(10.3)	525.1	(3.4)	c	c	487.6	(8.8)	488.8	(8.7)
	Israel	398.8	(6.9)	439.6	(10.4)	408.0	(27.1)	430.1	(11.3)	463.7	(3.6)	472.7	(8.0)	457.6	(9.5)	467.6	(6.7)	521.4	(3.9)	526.3	(6.5)	497.6	(9.7)	515.6	(6.1)		
	Italy	462.9	(2.6)	426.1	(12.0)	389.2	(7.7)	400.0	(6.0)	506.4	(1.6)	463.8	(9.8)	427.3	(6.6)	434.3	(5.8)	508.0	(2.3)	458.3	(21.0)	418.2	(7.2)	428.9	(8.0)		
	Japan	485.7	(7.4)	c	c	c	c	c	c	507.0	(3.9)	c	c	c	c	c	c	542.3	(3.5)	c	c	c	c	c	c	c	
	Korea	506.8	(6.8)	m	m	m	m	m	m	538.7	(2.9)	m	m	m	m	m	m	556.1	(4.8)	c	c	m	m	c	c	c	
	Luxembourg	470.6	(4.8)	428.0	(4.1)	402.6	(6.7)	419.4	(3.4)	500.8	(3.0)	449.8	(6.0)	440.6	(11.2)	446.6	(5.5)	506.7	(3.3)	480.4	(7.2)	517.8	(7.0)	500.7	(4.6)		
	Mexico	412.5	(1.7)	346.1	(9.7)	320.7	(7.6)	330.7	(6.6)	456.3	(2.8)	c	c	c	c	c	307.2	(29.4)	459.0	(2.4)	344.6	(34.2)	335.5	(32.7)	338.9	(24.2)	
	Netherlands	495.1	(7.4)	456.4	(8.3)	448.6	(9.7)	454.6	(7.0)	511.3	(5.8)	479.8	(11.0)	c	c	c	483.6	(9.4)	529.5	(5.3)	487.4	(16.8)	505.2	(19.8)	493.6	(14.3)	
	New Zealand	496.6	(4.8)	489.2	(13.8)	472.9	(12.4)	480.3	(8.9)	523.4	(3.0)	497.9	(8.6)	506.2	(6.9)	503.2	(5.8)	557.3	(3.4)	536.4	(12.4)	542.1	(5.9)	540.9	(5.5)		
	Norway	480.1	(6.9)	c	c	c	c	c	420.2	(9.6)	496.5	(2.8)	463.3	(10.4)	441.3	(16.9)	454.0	(9.5)	519.0	(2.9)	477.1	(11.3)	473.2	(12.1)	475.3	(8.4)	
	Poland	446.0	(5.0)	m	m	c	c	c	c	496.8	(2.3)	m	m	m	m	m	m	554.0	(3.9)	m	m	m	m	m	m	m	
	Portugal	471.4	(3.3)	455.0	(11.1)	446.1	(11.9)	451.3	(8.7)	511.5	(3.4)	486.7	(15.0)	436.2	(15.9)	459.4	(10.8)	533.9	(4.5)	521.9	(11.5)	485.1	(13.5)	499.9	(8.5)		
	Slovak Republic	386.0	(11.5)	c	c	c	c	c	c	476.4	(2.5)	c	c	c	c	c	c	502.8	(4.2)	c	c	m	m	c	c	c	
	Slovenia	444.2	(4.2)	431.1	(10.5)	415.7	(15.2)	426.8	(8.8)	478.3	(1.8)	457.0	(6.3)	390.9	(14.9)	450.4	(6.0)	519.2	(2.5)	443.6	(18.2)	c	c	445.5	(14.0)		
Spain	465.1	(2.6)	446.3	(14.6)	406.4	(4.7)	410.7	(5.1)	492.2	(2.5)	479.1	(12.6)	428.1	(6.1)	434.2	(5.7)	515.8	(2.8)	459.9	(16.8)	452.5	(6.6)	453.3	(6.0)			
Sweden	466.9	(6.5)	417.5	(13.9)	370.6	(14.7)	399.1	(10.2)	502.7	(3.7)	469.6	(10.9)	424.4	(16.4)	454.5	(9.7)	518.1	(3.2)	481.0	(8.4)	456.0	(15.9)	473.6	(7.4)			
Switzerland	479.2	(3.9)	460.2	(7.7)	423.7	(5.4)	447.8	(5.9)	515.8	(2.6)	472.3	(6.6)	450.7	(10.0)	465.0	(5.8)	528.4	(3.4)	496.7	(7.4)	502.2	(10.8)	498.9	(5.9)			
Turkey	455.4	(3.3)	c	c	c	c	c	c	502.5	(5.0)	c	c	c	c	c	c	526.6	(7.1)	c	c	c	c	c	c	c		
United Kingdom	456.3	(5.8)	461.6	(11.3)	438.4	(16.2)	450.8	(11.3)	495.9	(2.5)	500.0	(11.1)	447.5	(12.7)	480.2	(9.2)	520.9	(2.9)	505.5	(11.4)	481.5	(9.9)	493.7	(8.1)			
United States	457.9	(6.8)	464.5	(5.8)	447.2	(10.0)	459.0	(5.2)	488.6	(3.4)	480.8	(8.1)	475.4	(9.3)	479.1	(7.1)	526.1	(4.8)	516.4	(10.1)	533.2	(10.2)	522.8	(8.3)			
OECD average	459.4	(1.0)	444.8	(2.3)	415.6	(3.1)	432.3	(2.1)	497.6	(0.5)	471.3	(2.1)	447.9	(2.6)	456.9	(2.0)	523.9	(0.6)	484.5	(2.9)	476.5	(2.9)	479.4	(2.2)			
Partners	Albania	365.9	(4.9)	c	c	c	c	c	404.1	(4.1)	c	c	c	c	c	c	407.2	(6.8)	c	c	c	c	c	c	c		
	Argentina	370.1	(4.7)	363.4	(18.0)	c	c	360.2	(16.8)	409.0	(5.5)	c	c	c	c	c	431.5	(5.6)	c	c	c	c	c	353.3	(24.4)		
	Azerbaijan	348.2	(6.1)	c	c	c	c	c	c	351.8	(4.1)	334.9	(13.8)	c	c	c	343.2	(12.2)	377.1	(3.9)	386.4	(12.5)	c	385.9	(10.9)		
	Brazil	396.1	(2.6)	329.5	(29.6)	309.8	(16.4)	322.9	(20.6)	436.7	(3.5)	c	c	c	c	c	443.7	(4.8)	c	c	c	c	c	289.5	(11.9)		
	Bulgaria	345.7	(8.3)	c	c	c	c	c	c	427.7	(6.4)	c	c	c	c	c	473.5	(7.6)	c	c	c	c	c	c	c	c	
	Colombia	392.2	(3.9)	c	c	c	c	c	c	428.8	(5.0)	c	c	m	m	c	445.9	(4.9)	c	c	c	c	c	c	c	c	
	Croatia	435.1	(5.0)	436.3	(10.3)	418.3	(12.9)	430.0	(8.1)	481.0	(3.0)	470.3	(7.6)	459.8	(12.1)	466.7	(7.1)	492.4	(4.3)	482.9	(9.0)	472.7	(17.7)	480.0	(8.4)		
	Dubai (UAE)	374.0	(3.4)	406.1	(7.8)	425.4	(6.7)	414.5	(5.4)	397.1	(4.1)	454.0	(5.2)	484.4	(4.4)	471.4	(3.3)	418.3	(4.7)	493.6	(3.8)	518.0	(2.3)	510.4	(1.8)		
	Hong Kong-China	520.9	(3.6)	537.7	(3.8)	505.4	(5.9)	524.0	(3.8)	541.2	(3.1)	553.3	(4.5)	525.3	(6.4)	544.3	(3.8)	558.3	(5.6)	552.6	(12.7)	543.8	(21.6)	548.8	(13.4)		
	Indonesia	391.2	(3.2)	m	m	c	c	c	c	417.1	(4.8)	m	m	c	c	c	438.2	(7.9)	m	m	c	c	c	c	c	c	
	Jordan	387.6	(3.5)	408.6	(8.0)	405.7	(17.1)	408.1	(6.9)	407.6	(3.3)	425.4	(6.5)	419.3	(14.3)	424.4	(6.2)	431.3	(4.0)	429.4	(11.1)	420.2	(10.6)	426.5	(8.4)		
	Kazakhstan	341.9	(12.4)	c	c	c	c	329.3	(16.0)	357.4	(4.1)	371.3	(13.6)	346.3	(14.6)	362.3	(11.2)	400.7	(3.3)	429.6	(12.8)	380.3	(9.5)	411.7	(10.3)		
	Kyrgyzstan	269.4	(10.8)	c	c	c	c	c	c	290.4	(3.9)	c	c	c	c	c	334.4	(3.8)	377.7	(23.2)	c	c	c	c	362.8	(15.4)	
	Latvia	457.5	(8.6)	c	c	m	m	c	c	473.2	(3.0)	449.7	(11.5)	c	c	c	453.2	(11.3)	500.4	(3.6)	497.1	(10.2)	c	c	496.0	(9.4)	
	Liechtenstein	473.5	(12.5)	c	c	c	c	453.7	(10.7)	518.5	(7.9)	c	c	c	c	c	525.8	(7.8)	c	c	c	c	c	c	c	c	
	Lithuania	425.8	(7.4)	c	c	m	m	c	c	453.4	(3.1)	440.4	(15.5)	c	c	c	440.5	(16.0)	492.7	(17.2)	c	c	c	457.3	(15.4)		
	Macao-China	479.2	(2.9)	488.5	(1.6)	484.4	(3.0)	487.7	(1.3)	488.9	(3.3)	490.6	(3.0)	502.1	(4.3)	493.5	(2.5)	486.9	(5.5)	496.9	(7.7)	503.2	(8.9)	499.3	(6.2)		
	Montenegro	363.6	(4.3)	c	c	c	c	c	c	410.8	(1.7)	421.1	(12.5)	422.3	(9.2)	421.8	(7.3)	431.3	(3.5)	c	c	397.8	(13.6)	428.5	(12.8)		
	Panama	349.2	(5.8)	c	c	c	c	328.4	(26.2)	381.7	(6.1)	c	c	c	c	c	406.2	(8.2)	365.7	(38.1)	358.9	(51.3)	360.8	(38.0)			
	Peru	332.5	(2.9)	c	c	c	c	c	c	398.0	(3.9)	c	c	c	c	c	427.3	(8.0)	c	c	c	c	c	c	c	c	
	Qatar	328.8	(2.6)	347.1	(3.9)	377.5	(6.7)	358.1	(3.4)	324.6	(2.5)	387.3	(4.7)	447.5	(4.0)	419.2	(3.0)	337.3	(2.0)	421.6	(3.8)	474.6	(2.8)	456.2	(2.2)		
	Romania	390.1	(6.3)	m	m	c	c	c	c	427.6	(4.1)	c	c	c	c	c	436.0	(5.6)	c	c	c	c	c	c	c	c	
	Russian Federation	407.4	(10.6)	c	c	c	c	384.8	(26.2)	434.0	(5.0)	414.9	(18.4)	404.3	(15.3)	409.9	(11.3)	470.9	(3.2)	447.7	(6.0)						

Table B5.2. Sample sizes and estimated number of students in schools having less than 20 responding students
Results based on students' self-reports

		Proportion of students excluded when considering each category											
		Weighted sample						Unweighted sample					
		Immigrants		Does not speak the assessment language at home		Mothers having less than upper secondary		Immigrants		Does not speak the assessment language at home		Mothers having less than upper secondary	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	2.1	(0.6)	2.1	(0.6)	2.5	(0.7)	1.7	(0.1)	1.7	(0.1)	2.1	(0.1)
	Austria	16.2	(2.3)	18.5	(2.5)	19.3	(2.2)	12.2	(0.4)	13.9	(0.4)	15.1	(0.4)
	Belgium	6.0	(1.1)	8.2	(1.4)	6.8	(1.1)	5.4	(0.2)	7.7	(0.3)	6.2	(0.3)
	Canada	20.3	(1.7)	22.9	(1.9)	20.9	(1.6)	17.0	(0.2)	18.7	(0.3)	17.1	(0.2)
	Chile	5.0	(0.9)	5.0	(0.9)	4.6	(0.8)	4.1	(0.3)	4.1	(0.3)	3.6	(0.2)
	Czech Republic	25.0	(2.2)	26.7	(2.3)	26.6	(2.4)	19.6	(0.5)	21.3	(0.5)	21.0	(0.5)
	Denmark	29.2	(2.7)	37.0	(2.8)	31.4	(2.3)	31.9	(0.6)	45.4	(0.6)	35.9	(0.6)
	Estonia	17.3	(2.1)	17.7	(2.1)	16.9	(2.1)	9.2	(0.4)	9.6	(0.4)	8.8	(0.4)
	Finland	0.8	(0.3)	0.8	(0.3)	0.8	(0.3)	2.0	(0.2)	2.0	(0.2)	2.0	(0.2)
	France	8.8	(1.6)	14.5	(2.4)	14.3	(2.6)	7.3	(0.4)	12.5	(0.5)	12.4	(0.5)
	Germany	26.7	(2.7)	38.2	(2.7)	32.3	(2.9)	26.2	(0.6)	38.0	(0.7)	32.1	(0.7)
	Greece	10.2	(1.5)	10.9	(1.7)	10.2	(1.5)	5.4	(0.3)	5.8	(0.3)	5.4	(0.3)
	Hungary	13.1	(1.8)	13.1	(1.8)	13.1	(1.8)	6.9	(0.4)	6.9	(0.4)	6.9	(0.4)
	Iceland	16.5	(0.2)	17.0	(0.2)	15.9	(0.2)	16.0	(0.6)	16.6	(0.6)	15.5	(0.6)
	Ireland	7.6	(1.9)	7.6	(1.9)	6.0	(1.4)	7.3	(0.4)	7.3	(0.4)	5.9	(0.4)
	Israel	6.5	(1.6)	7.2	(1.6)	7.0	(1.7)	3.6	(0.2)	4.4	(0.3)	4.0	(0.3)
	Italy	6.1	(0.6)	13.2	(1.0)	6.4	(0.6)	5.2	(0.1)	11.2	(0.2)	5.1	(0.1)
	Japan	0.8	(0.4)	0.8	(0.4)	1.3	(0.7)	0.7	(0.1)	0.7	(0.1)	1.1	(0.1)
	Korea	3.4	(1.0)	3.4	(1.0)	3.4	(1.0)	3.9	(0.3)	3.9	(0.3)	3.9	(0.3)
	Luxembourg	0.9	(0.0)	0.9	(0.0)	0.9	(0.0)	1.0	(0.1)	1.0	(0.1)	1.0	(0.1)
	Mexico	18.2	(1.1)	19.4	(1.1)	17.3	(1.0)	9.4	(0.1)	10.0	(0.2)	8.7	(0.1)
	Netherlands	3.7	(1.3)	4.9	(1.6)	4.3	(1.5)	3.8	(0.3)	4.8	(0.3)	3.8	(0.3)
	New Zealand	6.0	(1.4)	6.0	(1.4)	17.1	(2.5)	4.8	(0.3)	4.8	(0.3)	14.9	(0.5)
	Norway	7.2	(1.2)	7.6	(1.2)	9.9	(1.6)	5.8	(0.3)	6.3	(0.4)	8.5	(0.4)
	Poland	6.0	(1.0)	6.0	(1.0)	5.6	(1.0)	6.2	(0.3)	6.2	(0.3)	5.8	(0.3)
	Portugal	6.4	(1.6)	6.7	(1.6)	6.4	(1.6)	5.4	(0.3)	5.8	(0.3)	5.4	(0.3)
	Slovak Republic	19.2	(1.7)	19.2	(1.7)	18.8	(1.7)	15.0	(0.5)	15.0	(0.5)	14.6	(0.5)
	Slovenia	15.2	(0.7)	16.9	(0.6)	15.2	(0.7)	21.5	(0.5)	23.9	(0.5)	21.1	(0.5)
	Spain	2.7	(0.6)	3.1	(0.7)	2.7	(0.6)	4.3	(0.1)	4.5	(0.1)	4.4	(0.1)
	Sweden	4.4	(1.0)	6.1	(1.3)	6.0	(1.3)	4.7	(0.3)	6.2	(0.4)	6.1	(0.4)
	Switzerland	10.4	(1.9)	12.9	(2.1)	11.2	(1.9)	10.1	(0.3)	12.4	(0.3)	11.5	(0.3)
	Turkey	4.8	(1.1)	4.8	(1.1)	4.8	(1.1)	3.2	(0.2)	3.2	(0.2)	3.2	(0.2)
	United Kingdom	6.2	(1.6)	7.8	(1.7)	15.1	(2.4)	5.6	(0.2)	6.5	(0.2)	12.5	(0.3)
	United States	4.8	(1.7)	4.8	(1.7)	4.8	(1.7)	3.7	(0.3)	3.7	(0.3)	3.7	(0.3)
OECD average	9.9	(0.3)	11.5	(0.3)	11.2	(0.3)	8.5	(0.1)	10.2	(0.1)	9.7	(0.1)	
Partners	Albania	24.4	(2.7)	24.4	(2.7)	24.4	(2.7)	12.7	(0.5)	12.7	(0.5)	12.7	(0.5)
	Argentina	18.1	(2.2)	20.7	(2.4)	18.6	(2.6)	12.9	(0.5)	15.1	(0.5)	13.2	(0.5)
	Azerbaijan	10.3	(1.9)	10.3	(1.9)	9.7	(1.9)	8.3	(0.4)	8.3	(0.4)	7.8	(0.4)
	Brazil	19.1	(1.4)	21.5	(1.6)	18.7	(1.4)	17.8	(0.3)	19.9	(0.3)	17.0	(0.3)
	Bulgaria	12.4	(2.1)	12.4	(2.1)	11.6	(2.0)	11.0	(0.5)	11.0	(0.5)	10.6	(0.5)
	Colombia	6.4	(1.8)	6.7	(1.8)	6.4	(1.8)	5.8	(0.3)	6.4	(0.3)	5.8	(0.3)
	Croatia	1.2	(0.7)	1.2	(0.7)	0.8	(0.6)	0.8	(0.1)	0.8	(0.1)	0.4	(0.1)
	Dubai (UAE)	9.5	(0.1)	12.4	(0.1)	8.8	(0.1)	13.8	(0.5)	18.1	(0.5)	12.7	(0.4)
	Hong Kong-China	0.4	(0.7)	0.4	(0.7)	0.4	(0.7)	0.4	(0.1)	0.4	(0.1)	0.4	(0.1)
	Indonesia	8.8	(1.7)	9.3	(1.6)	8.4	(1.6)	9.2	(0.4)	9.6	(0.4)	8.8	(0.4)
	Jordan	4.4	(0.7)	4.4	(0.7)	4.0	(0.8)	2.7	(0.2)	2.7	(0.2)	2.4	(0.2)
	Kazakhstan	14.3	(2.5)	14.7	(2.5)	13.9	(2.5)	8.8	(0.4)	9.2	(0.4)	8.4	(0.4)
	Kyrgyzstan	8.8	(1.7)	9.7	(1.7)	8.8	(1.7)	6.1	(0.3)	6.5	(0.3)	6.1	(0.3)
	Latvia	27.1	(2.5)	29.1	(2.6)	27.1	(2.5)	14.4	(0.5)	16.7	(0.6)	14.4	(0.5)
	Liechtenstein	26.1	(0.3)	26.1	(0.3)	20.0	(0.3)	26.1	(2.4)	26.1	(2.4)	20.1	(2.2)
	Lithuania	13.9	(1.1)	14.5	(1.2)	13.4	(1.1)	12.3	(0.5)	12.9	(0.5)	11.9	(0.5)
	Macao-China	0.4	(0.0)	0.8	(0.0)	0.4	(0.0)	0.4	(0.1)	0.8	(0.1)	0.4	(0.1)
	Montenegro	3.3	(1.7)	3.3	(1.7)	3.0	(1.7)	1.7	(0.2)	1.7	(0.2)	1.3	(0.2)
	Panama	34.8	(4.6)	38.0	(4.8)	29.3	(4.7)	28.7	(0.7)	30.9	(0.7)	25.4	(0.7)
	Peru	17.4	(2.2)	18.2	(2.3)	15.2	(2.0)	12.7	(0.4)	13.7	(0.4)	10.8	(0.4)
	Qatar	5.5	(0.1)	6.5	(0.1)	5.3	(0.1)	5.2	(0.2)	6.1	(0.3)	5.0	(0.2)
	Romania	11.0	(1.3)	11.0	(1.3)	11.0	(1.3)	5.8	(0.3)	5.8	(0.3)	5.8	(0.3)
	Russian Federation	18.1	(2.0)	18.1	(2.0)	18.1	(2.0)	11.9	(0.4)	11.9	(0.4)	11.9	(0.4)
	Serbia	3.0	(0.8)	3.0	(0.8)	2.9	(0.8)	3.0	(0.2)	3.0	(0.2)	2.7	(0.2)
	Shanghai-China	1.0	(0.7)	1.0	(0.7)	1.0	(0.7)	0.7	(0.1)	0.7	(0.1)	0.7	(0.1)
	Singapore	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)
	Chinese Taipei	0.1	(0.1)	1.1	(0.6)	0.1	(0.1)	0.1	(0.0)	0.9	(0.1)	0.1	(0.0)
	Thailand	8.9	(0.9)	8.9	(0.9)	8.9	(0.9)	8.5	(0.4)	8.5	(0.4)	8.5	(0.4)
	Trinidad and Tobago	7.1	(0.2)	9.7	(0.3)	7.2	(0.3)	8.9	(0.4)	10.9	(0.5)	8.4	(0.4)
	Tunisia	2.0	(0.5)	2.0	(0.5)	2.4	(0.7)	2.6	(0.2)	2.6	(0.2)	3.0	(0.2)
Uruguay	12.9	(1.3)	13.4	(1.3)	12.1	(1.5)	11.0	(0.4)	11.7	(0.4)	10.4	(0.4)	

Source: PISA 2009 Database.

[Part 1/2]

Differences between reading outcomes of immigrant and non-immigrant students before and after adjusting for mother's education and immigrant-specific interaction effects

Table B5.3 Results based on students' self-reports

		Distribution of educational attainment of mother											
		First-generation students					Second generation students						
		Observed difference		After adjusting for mother's educational attainment		Including immigrant-specific effects of educational attainment		Observed difference		After adjusting for mother's educational attainment		Including immigrant-specific effects of educational attainment	
		Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	Australia	3.4	(6.1)	1.3	(5.7)	-4.5	(21.3)	15.7	(6.4)	18.0	(5.9)	48.8	(21.3)
	Austria	-97.7	(10.6)	-80.2	(11.6)	c	c	-54.7	(6.7)	-39.0	(7.4)	c	c
	Belgium	-71.0	(8.0)	-58.1	(8.9)	-44.2	(15.0)	-64.6	(7.2)	-47.6	(6.5)	-23.2	(13.4)
	Canada	-8.2	(4.7)	-8.3	(4.4)	-2.4	(21.8)	-5.5	(3.8)	-0.2	(3.6)	42.0	(17.4)
	Chile	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	-6.8	(16.8)	-4.0	(16.1)	c	c	-31.3	(17.7)	-23.8	(15.7)	c	c
	Denmark	-79.4	(6.5)	-65.5	(6.6)	c	c	-55.5	(4.3)	-37.5	(4.9)	c	c
	Estonia	-34.7	(17.1)	-36.5	(17.0)	c	c	-35.1	(6.5)	-35.1	(6.4)	c	c
	Finland	-89.0	(17.6)	-81.5	(16.3)	c	c	-45.5	(13.9)	-39.9	(13.6)	c	c
	France	-76.9	(16.2)	-59.4	(14.5)	c	c	-55.3	(9.6)	-32.7	(9.1)	18.2	(32.5)
	Germany	-60.9	(6.0)	-56.0	(6.3)	c	c	-53.8	(6.2)	-43.4	(6.8)	-11.5	(14.5)
	Greece	-69.0	(15.2)	-63.4	(15.2)	c	c	-33.3	(10.3)	-39.0	(10.1)	c	c
	Hungary	-2.3	(11.7)	-7.2	(12.7)	c	c	31.9	(12.4)	25.6	(10.2)	c	c
	Iceland	-86.5	(12.4)	-84.9	(13.0)	c	c	c	c	c	c	c	c
	Ireland	-36.2	(7.7)	-43.5	(7.4)	c	c	6.3	(13.4)	8.9	(13.3)	c	c
	Israel	-17.6	(8.9)	-13.3	(7.4)	c	c	7.1	(6.1)	11.8	(4.8)	38.8	(16.1)
	Italy	-81.0	(4.7)	-78.0	(4.7)	-61.8	(13.5)	-45.3	(9.4)	-40.6	(9.5)	c	c
	Japan	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	m	m	m	m	m	m	c	c	c	c	c	c
	Luxembourg	-46.9	(4.9)	-30.7	(5.2)	-35.8	(14.1)	-55.8	(3.7)	-31.8	(4.1)	-3.0	(11.9)
	Mexico	-105.1	(9.5)	-95.7	(9.8)	-78.7	(9.2)	-89.3	(9.7)	-80.0	(10.5)	-56.3	(10.5)
	Netherlands	-44.2	(10.9)	-25.6	(10.9)	-27.7	(12.9)	-46.0	(9.3)	-32.4	(9.5)	-23.9	(11.6)
	New Zealand	-5.7	(5.0)	-15.6	(4.8)	c	c	-27.8	(9.0)	-20.2	(8.3)	c	c
	Norway	-60.4	(7.5)	-46.0	(8.3)	c	c	-44.9	(8.1)	-36.3	(8.2)	c	c
	Poland	c	c	c	c	c	c	m	m	m	m	m	m
	Portugal	-35.9	(8.9)	-47.9	(8.6)	c	c	-16.2	(9.4)	-17.8	(8.2)	-23.1	(14.3)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	-74.2	(8.9)	-56.6	(9.5)	c	c	-40.9	(5.6)	-27.5	(5.7)	c	c
	Spain	-61.6	(4.0)	-61.5	(3.6)	-67.5	(6.7)	-26.3	(9.2)	-27.8	(10.3)	-17.3	(20.2)
	Sweden	-91.2	(11.6)	-69.2	(10.9)	c	c	-53.5	(7.7)	-36.2	(7.2)	c	c
	Switzerland	-58.4	(6.5)	-46.9	(6.1)	-38.8	(22.5)	-42.2	(3.9)	-28.2	(3.8)	-5.3	(24.7)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c
	United Kingdom	-41.2	(9.7)	-35.7	(8.4)	5.7	(19.1)	-7.1	(8.6)	-3.1	(8.2)	c	c
United States	-20.7	(7.2)	-6.6	(6.8)	c	c	-22.3	(6.1)	-4.8	(6.0)	c	c	
OECD average	-52.1	(1.9)	-45.6	(1.9)	-35.6	(5.2)	-33.0	(1.7)	-24.5	(1.7)	-1.3	(5.3)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	
	Argentina	-45.5	(26.6)	-44.6	(27.0)	c	c	-35.4	(13.3)	-22.4	(12.8)	-0.6	(18.9)
	Azerbaijan	18.3	(13.0)	14.7	(13.6)	c	c	-3.7	(9.7)	-3.7	(9.2)	c	c
	Brazil	-106.0	(18.8)	-106.0	(22.9)	c	c	-94.7	(19.0)	-93.6	(19.4)	-76.9	(33.1)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	c	
	Colombia	c	c	c	c	c	c	c	c	c	c	c	
	Croatia	-26.9	(8.2)	-19.9	(8.1)	c	c	-13.4	(5.3)	-7.6	(5.1)	c	c
	Dubai (UAE)	108.6	(3.0)	84.3	(3.8)	19.8	(12.1)	72.7	(3.9)	57.2	(4.0)	29.0	(11.0)
	Hong Kong-China	-23.5	(6.2)	-16.0	(6.1)	-17.0	(8.7)	7.9	(3.8)	13.8	(3.6)	17.4	(6.1)
	Indonesia	c	c	c	c	c	c	m	m	m	m	m	m
	Jordan	5.0	(8.4)	-0.2	(8.0)	c	c	13.3	(5.8)	10.9	(5.7)	23.9	(12.2)
	Kazakhstan	-24.1	(9.1)	-19.8	(8.4)	c	c	24.7	(12.4)	25.9	(12.0)	c	c
	Kyrgyzstan	15.6	(18.7)	14.5	(18.3)	c	c	42.0	(19.6)	42.8	(18.6)	c	c
	Latvia	c	c	c	c	c	c	-12.9	(9.2)	-13.9	(8.3)	c	c
	Liechtenstein	-35.7	(13.5)	-25.8	(15.1)	c	c	-24.3	(12.0)	-13.3	(12.5)	c	c
	Lithuania	c	c	c	c	c	c	-23.7	(11.4)	-23.1	(12.2)	c	c
	Macao-China	8.5	(3.0)	8.0	(3.1)	-4.3	(6.1)	6.9	(2.4)	7.7	(2.6)	6.7	(4.4)
	Montenegro	-4.0	(8.4)	-5.6	(7.9)	c	c	24.3	(10.3)	20.6	(9.5)	c	c
	Panama	-58.1	(31.4)	-57.1	(31.3)	c	c	15.3	(27.4)	19.1	(31.0)	c	c
	Peru	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	125.3	(2.8)	119.5	(2.8)	25.9	(8.0)	60.6	(2.7)	61.6	(2.6)	13.6	(5.0)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	-19.6	(6.6)	-15.2	(6.6)	c	c	-28.7	(9.4)	-23.7	(6.7)	c	c
	Serbia	4.4	(7.5)	3.3	(7.3)	c	c	23.6	(6.9)	22.2	(6.8)	c	c
	Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c
	Singapore	-5.3	(5.5)	-18.3	(5.4)	-16.9	(16.5)	17.2	(6.7)	16.1	(6.7)	38.3	(13.2)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	m	m	m	m	m	m	m	m	m	m	m	m
	Trinidad and Tobago	9.4	(18.3)	12.7	(18.4)	c	c	-4.4	(19.7)	-5.2	(21.5)	c	c
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	c
Uruguay	c	c	c	c	c	c	c	c	c	c	c	c	

Note: At best primary is defined as MISCEd = 0 or 1; Lower secondary is defined as MISCEd = 2, Upper secondary defined as MISCEd = 3 or 4 and Tertiary defined as MISCEd = 5 or 6. Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 2/2]

Differences between reading outcomes of immigrant and non-immigrant students before and after adjusting for mother's education and immigrant-specific interaction effects (continued)**Table B5.3** Results based on students' self-reports

		Interaction terms with mother's education											
		First-generation students						Second-generation students					
		Lower secondary		Upper secondary		Tertiary		Lower secondary		Upper secondary		Tertiary	
		Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
OECD	Australia	-10.4	(26.3)	8.9	(23.1)	5.2	(21.7)	-5.0	(20.9)	-32.7	(20.7)	-34.2	(20.6)
	Austria	c	c	c	c	c	c	c	c	c	c	c	
	Belgium	-21.3	(25.8)	-6.5	(16.0)	-19.5	(17.9)	-1.9	(20.6)	-27.0	(15.1)	-36.9	(16.4)
	Canada	-12.9	(29.8)	-14.1	(22.4)	-2.2	(21.5)	-22.2	(21.0)	-37.6	(17.8)	-49.5	(17.6)
	Chile	c	c	c	c	c	c	c	c	c	c	c	
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	
	Denmark	c	c	c	c	c	c	c	c	c	c	c	
	Estonia	c	c	c	c	c	c	c	c	c	c	c	
	Finland	c	c	c	c	61.6	(34.6)	c	c	c	c	-58.7	(52.5)
	France	40.6	(33.9)	c	c	-10.8	(32.5)	-27.2	(34.2)	-56.2	(31.1)	-83.9	(36.2)
	Germany	4.8	(27.2)	-14.1	(25.7)	-11.2	(27.3)	-17.9	(18.3)	-34.3	(14.9)	-49.4	(19.0)
	Greece	-2.0	(45.9)	-16.8	(21.3)	-63.2	(30.0)	c	c	-30.4	(28.3)	-37.9	(31.1)
	Hungary	c	c	c	c	c	c	c	c	c	c	c	
	Iceland	c	c	c	c	c	c	c	c	c	c	c	
	Ireland	c	c	-21.5	(39.8)	1.3	(40.1)	c	c	c	c	c	c
	Israel	c	c	-10.6	(32.5)	-28.3	(30.9)	15.8	(21.6)	-29.8	(17.1)	-33.9	(17.0)
	Italy	-6.6	(16.1)	-17.3	(15.6)	-28.0	(13.9)	-18.8	(28.7)	-24.4	(24.9)	-31.6	(31.2)
	Japan	c	c	c	c	c	c	c	c	c	c	c	
	Korea	m	m	m	m	m	m	c	c	c	c	c	
	Luxembourg	-21.0	(18.2)	-24.3	(16.9)	47.0	(15.4)	-41.9	(16.5)	-47.9	(14.6)	-23.2	(15.0)
	Mexico	-32.2	(17.5)	c	c	-44.7	(32.7)	-19.5	(20.5)	c	c	-58.2	(37.1)
	Netherlands	c	c	c	c	3.4	(20.9)	-5.7	(14.4)	-7.7	(14.3)	-18.2	(17.7)
	New Zealand	34.2	(27.8)	12.0	(24.1)	13.8	(23.8)	-80.4	(33.2)	-82.6	(29.3)	-78.1	(31.1)
	Norway	c	c	c	c	c	c	c	c	c	c	c	
	Poland	c	c	c	c	c	c	m	m	m	m	m	
	Portugal	3.5	(16.8)	-43.2	(20.7)	-16.8	(19.1)	12.1	(17.9)	-1.7	(20.9)	11.1	(17.0)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	
	Slovenia	c	c	c	c	c	c	c	c	c	c	c	
	Spain	16.6	(9.1)	3.4	(8.5)	4.2	(9.0)	0.1	(28.2)	4.3	(22.2)	-38.6	(25.2)
	Sweden	c	c	-6.2	(29.5)	10.1	(29.2)	-23.5	(26.9)	-10.5	(24.4)	-14.5	(23.6)
	Switzerland	-14.4	(25.1)	-26.3	(25.4)	12.6	(23.5)	-10.3	(24.8)	-38.2	(26.5)	-26.4	(25.7)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	
	United Kingdom	-17.0	(27.0)	-54.2	(19.0)	-45.1	(19.0)	13.2	(21.8)	-7.0	(21.7)	-26.4	(21.0)
United States	c	c	c	c	c	c	c	c	c	c	c		
OECD average	-2.7	(7.0)	-15.4	(6.2)	-5.8	(5.9)	-14.6	(5.9)	-29.0	(5.5)	-38.3	(6.4)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c		
	Argentina	c	c	c	c	c	c	c	c	c	c		
	Azerbaijan	c	c	c	c	c	c	c	16.3	(31.0)	42.5	(30.3)	
	Brazil	c	c	c	c	c	c	c	c	c	c		
	Bulgaria	c	c	c	c	c	c	c	c	c	c		
	Colombia	c	c	c	c	c	c	c	c	c	c		
	Croatia	-4.8	(26.5)	-8.7	(26.2)	-7.2	(27.9)	-23.8	(41.5)	-33.6	(42.8)	-32.4	(41.8)
	Dubai (UAE)	40.9	(16.8)	67.6	(12.9)	80.0	(12.4)	3.5	(17.3)	28.0	(13.2)	46.3	(11.8)
	Hong Kong-China	4.2	(11.3)	1.1	(10.0)	2.6	(21.2)	-1.0	(8.4)	-5.3	(7.7)	-23.1	(14.1)
	Indonesia	c	c	c	c	c	c	m	m	m	m		
	Jordan	c	c	-29.8	(25.7)	-52.6	(23.4)	-5.1	(16.0)	-6.1	(13.8)	-25.8	(14.5)
	Kazakhstan	c	c	c	c	c	c	c	c	c	c		
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c		
	Latvia	c	c	c	c	c	c	c	c	c	c		
	Liechtenstein	c	c	c	c	c	c	c	c	c	c		
	Lithuania	c	c	c	c	c	c	c	c	c	c		
	Macao-China	16.4	(8.0)	17.5	(8.5)	20.6	(13.2)	5.2	(6.3)	-5.0	(6.6)	3.4	(11.2)
	Montenegro	c	c	70.3	(50.6)	25.4	(52.7)	c	c	10.2	(12.4)	c	c
	Panama	c	c	c	c	29.7	(48.5)	c	c	c	c	-123.7	(45.6)
	Peru	c	c	c	c	c	c	c	c	c	c	c	
	Qatar	56.8	(12.8)	97.1	(9.3)	111.4	(8.7)	20.0	(14.8)	49.2	(7.1)	70.7	(6.9)
	Romania	c	c	c	c	c	c	c	c	c	c	c	
	Russian Federation	c	c	c	c	c	c	c	c	c	c	c	
	Serbia	c	c	25.4	(51.7)	16.2	(51.1)	c	c	-72.6	(32.9)	-61.1	(34.2)
	Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	
	Singapore	c	c	-2.3	(18.6)	-1.5	(17.6)	c	c	-35.4	(16.3)	-10.9	(19.2)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	
	Thailand	m	m	m	m	m	m	m	m	m	m	m	
	Trinidad and Tobago	c	c	c	c	80.9	(61.2)	c	c	c	c	c	
	Tunisia	c	c	c	c	c	c	c	c	c	c	c	
Uruguay	c	c	c	c	c	c	c	c	c	c	c		

Note: At best primary is defined as MISCEd = 0 or 1; Lower secondary is defined as MISCEd = 2, Upper secondary defined as MISCEd = 3 or 4 and Tertiary defined as MISCEd = 5 or 6. Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Concentration of children of immigrants in schools according to various characteristics, PISA 2009

Table B5.4 Results based on students' self-reports

	Percent of all children of immigrants who are in the top quartile (4th)						Children of immigrants as a percentage of all students in the top quartile (4th)					
	Quartiles defined by						Quartiles defined by					
	Percentage of children of immigrants in schools		Percentage of children of immigrants speaking another language at home		Percentage of students with mothers having less than upper secondary education		Percentage of children of immigrants in schools		Percentage of children of immigrants speaking another language at home		Percentage of students with mothers having less than upper secondary education	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	55.9	(3.7)	53.4	(4.3)	30.0	(4.2)	51.6	(2.0)	44.0	(3.5)	20.1	(3.7)
Austria	68.3	(4.4)	65.8	(5.3)	46.5	(5.9)	36.1	(2.3)	32.2	(3.0)	20.5	(3.4)
Belgium	69.6	(3.4)	58.4	(5.1)	48.6	(4.4)	39.0	(2.6)	29.0	(3.2)	23.7	(3.2)
Canada	64.0	(4.1)	60.4	(4.5)	29.8	(4.4)	65.4	(2.0)	54.4	(4.1)	23.7	(3.9)
Chile	c	c	c	c	c	c	1.7	(0.3)	0.5	(0.2)	0.2	(0.1)
Czech Republic	76.0	(5.8)	59.8	(7.4)	32.1	(8.8)	6.5	(0.5)	3.9	(0.7)	2.3	(0.8)
Denmark	66.3	(3.5)	58.0	(4.8)	51.0	(4.0)	20.6	(1.7)	14.9	(1.9)	13.9	(1.9)
Estonia	82.4	(2.6)	29.7	(7.1)	18.5	(6.1)	29.5	(2.3)	7.3	(2.3)	4.9	(2.0)
Finland	81.2	(4.2)	78.0	(5.4)	34.3	(8.4)	8.5	(0.7)	7.5	(0.9)	2.9	(1.0)
France	70.3	(4.8)	63.3	(5.8)	53.0	(6.7)	39.0	(3.0)	29.2	(4.0)	24.7	(4.8)
Germany	59.7	(4.7)	47.7	(5.4)	43.9	(4.9)	40.9	(2.9)	21.8	(2.8)	21.1	(3.2)
Greece	72.0	(4.0)	61.3	(5.7)	42.1	(5.8)	19.9	(1.7)	15.0	(2.2)	10.3	(2.0)
Hungary	68.3	(6.5)	35.7	(6.6)	20.8	(4.9)	5.5	(0.5)	2.7	(0.6)	1.4	(0.5)
Iceland	76.2	(5.7)	73.1	(6.0)	35.1	(6.1)	6.3	(0.9)	5.3	(0.9)	2.4	(0.6)
Ireland	55.0	(5.9)	47.8	(5.7)	25.6	(5.0)	17.3	(1.0)	12.1	(1.8)	3.7	(1.3)
Israel	59.4	(4.7)	55.4	(5.2)	17.5	(4.2)	45.9	(2.6)	37.9	(4.2)	11.2	(3.5)
Italy	71.9	(2.3)	64.8	(2.7)	28.4	(3.2)	13.3	(0.5)	10.9	(0.7)	4.3	(0.7)
Japan	c	c	c	c	c	c	1.1	(0.2)	0.4	(0.1)	0.4	(0.2)
Korea	c	c	c	c	c	c	0.1	(0.1)	0.1	(0.1)	0.0	(0.0)
Luxembourg	41.7	(0.8)	37.5	(0.8)	35.9	(0.8)	67.6	(1.2)	52.4	(1.1)	44.2	(1.1)
Mexico	95.8	(1.2)	36.0	(3.6)	47.1	(5.5)	6.0	(0.4)	2.0	(0.3)	2.7	(0.4)
Netherlands	70.2	(4.8)	62.4	(6.8)	57.5	(6.6)	33.7	(4.2)	25.2	(5.2)	25.6	(4.9)
New Zealand	53.3	(3.3)	52.6	(3.3)	25.2	(3.5)	52.7	(1.4)	48.9	(2.0)	16.5	(2.9)
Norway	63.8	(5.1)	60.5	(5.1)	31.4	(5.5)	17.2	(1.6)	14.3	(2.0)	5.9	(1.8)
Poland	c	c	c	c	c	c	0.1	(0.1)	0.0	(0.0)	0.0	(0.0)
Portugal	72.3	(3.4)	52.3	(6.8)	10.5	(2.7)	15.3	(1.0)	8.8	(1.7)	1.0	(0.5)
Slovak Republic	c	c	c	c	c	c	2.0	(0.4)	0.9	(0.3)	0.9	(0.4)
Slovenia	71.9	(2.5)	66.6	(3.1)	43.2	(2.7)	20.1	(1.2)	17.0	(1.2)	10.4	(0.9)
Spain	66.2	(3.3)	54.1	(4.4)	22.3	(3.7)	25.2	(1.1)	17.4	(1.7)	6.2	(1.3)
Sweden	66.0	(5.0)	62.9	(4.8)	41.6	(6.6)	30.6	(2.8)	26.7	(2.9)	14.8	(3.5)
Switzerland	47.5	(4.0)	42.9	(4.0)	37.0	(3.8)	44.7	(1.5)	33.4	(3.7)	25.3	(3.1)
Turkey	c	c	c	c	c	c	2.1	(0.5)	0.6	(0.2)	0.2	(0.1)
United Kingdom	80.0	(2.7)	75.0	(4.2)	50.1	(6.7)	34.3	(2.8)	31.2	(3.4)	20.9	(3.8)
United States	68.7	(4.2)	67.5	(4.8)	53.5	(6.4)	54.8	(2.2)	51.2	(3.5)	36.4	(4.8)
OECD average	67.6	(0.8)	56.5	(1.0)	36.2	(1.0)	25.1	(0.3)	19.4	(0.4)	11.8	(0.4)
Partners												
Albania	c	c	c	c	c	c	1.3	(0.2)	0.5	(0.2)	0.2	(0.1)
Argentina	79.0	(5.0)	51.5	(9.7)	45.5	(9.3)	11.8	(1.5)	6.7	(2.0)	5.4	(1.5)
Azerbaijan	83.9	(5.5)	37.0	(9.1)	28.1	(9.2)	8.6	(1.0)	3.4	(0.9)	2.7	(1.1)
Brazil	100.0	(0.0)	21.2	(8.5)	26.4	(9.8)	3.0	(0.4)	0.6	(0.3)	0.8	(0.3)
Bulgaria	c	c	c	c	c	c	2.0	(0.4)	1.6	(0.4)	0.5	(0.4)
Colombia	c	c	c	c	c	c	1.3	(0.3)	0.3	(0.1)	0.5	(0.2)
Croatia	55.1	(4.4)	28.7	(3.7)	23.6	(3.4)	23.8	(1.2)	7.5	(1.5)	5.1	(1.2)
Dubai (UAE)	34.7	(0.4)	32.9	(0.3)	11.9	(0.4)	99.9	(0.1)	32.1	(0.6)	2.7	(0.1)
Hong Kong-China	39.1	(4.6)	33.7	(4.2)	33.7	(3.8)	61.6	(1.7)	36.8	(5.3)	35.4	(5.0)
Indonesia	c	c	c	c	c	c	1.2	(0.4)	1.1	(0.4)	0.3	(0.2)
Jordan	57.6	(4.7)	35.0	(4.2)	13.3	(4.6)	32.8	(1.4)	12.1	(2.4)	3.7	(2.5)
Kazakhstan	71.9	(4.7)	50.4	(6.7)	32.8	(7.0)	31.9	(3.2)	18.8	(3.8)	11.3	(3.0)
Kyrgyzstan	95.3	(2.2)	48.4	(6.5)	41.0	(8.3)	6.8	(0.6)	3.4	(0.6)	2.9	(0.7)
Latvia	83.8	(3.6)	43.3	(10.7)	39.5	(10.1)	16.2	(1.5)	7.2	(2.2)	6.6	(2.1)
Liechtenstein	36.0	(5.3)	35.1	(4.9)	28.5	(4.4)	c	c	c	c	c	c
Lithuania	95.6	(1.8)	65.9	(7.4)	37.5	(10.4)	6.9	(0.9)	4.5	(0.8)	2.6	(0.9)
Macao-China	30.1	(0.4)	23.2	(0.4)	28.1	(0.4)	84.9	(1.0)	13.7	(0.3)	47.5	(1.0)
Montenegro	60.5	(3.1)	43.3	(2.8)	18.7	(2.1)	15.4	(1.2)	9.2	(0.9)	3.2	(0.5)
Panama	90.9	(3.9)	65.0	(9.9)	17.0	(10.8)	11.3	(1.7)	8.1	(2.0)	0.3	(0.2)
Peru	c	c	c	c	c	c	1.8	(0.3)	0.5	(0.2)	0.7	(0.3)
Qatar	50.2	(0.5)	45.2	(0.5)	17.0	(0.5)	90.3	(0.6)	66.5	(0.6)	0.0	(0.0)
Romania	c	c	c	c	c	c	1.4	(0.2)	0.6	(0.2)	0.5	(0.2)
Russian Federation	51.3	(6.6)	38.3	(7.7)	29.7	(8.2)	25.0	(2.9)	13.7	(4.1)	10.0	(4.6)
Serbia	58.5	(4.4)	28.3	(4.6)	19.9	(4.1)	22.0	(1.0)	7.5	(1.5)	4.6	(1.4)
Shanghai-China	c	c	c	c	c	c	2.1	(0.3)	0.8	(0.2)	1.1	(0.3)
Singapore	45.0	(1.9)	43.0	(1.6)	23.1	(1.3)	25.9	(1.3)	20.5	(1.1)	4.1	(0.4)
Chinese Taipei	c	c	c	c	c	c	1.6	(0.3)	0.7	(0.3)	0.7	(0.3)
Thailand	m	m	m	m	m	m	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)
Trinidad and Tobago	84.8	(3.7)	56.3	(5.4)	24.9	(5.0)	7.3	(0.8)	4.5	(0.6)	1.9	(0.5)
Tunisia	c	c	c	c	c	c	1.3	(0.3)	0.6	(0.3)	0.3	(0.1)
Uruguay	c	c	c	c	c	c	2.1	(0.3)	0.9	(0.3)	0.2	(0.1)

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Correlations between reading outcomes and various measures of student concentration in schools
Table B5.6 Results based on students' self-reports

		Correlation between student performance in reading and concentration measures											
		Immigrant students						Non-immigrant students					
		Proportion of immigrant students at the school		Proportion of children of immigrants not speaking the test language at home		Proportion of students with low educated mothers		Proportion of immigrant students at the school		Proportion of children of immigrants not speaking the test language at home		Proportion of students with low educated mothers	
		Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.
OECD	Australia	0.15	(0.10)	0.13	(0.12)	-0.24	(0.05)	0.11	(0.03)	0.09	(0.04)	-0.20	(0.02)
	Austria	-0.29	(0.08)	-0.25	(0.08)	-0.46	(0.06)	-0.05	(0.04)	-0.04	(0.05)	-0.26	(0.05)
	Belgium	-0.26	(0.07)	-0.26	(0.07)	-0.35	(0.05)	-0.17	(0.03)	-0.17	(0.03)	-0.34	(0.03)
	Canada	-0.03	(0.04)	0.01	(0.04)	-0.15	(0.05)	0.12	(0.02)	0.11	(0.02)	-0.12	(0.02)
	Chile	c	c	c	c	c	c	c	c	c	c	-0.49	(0.02)
	Czech Republic	0.16	(0.08)	0.14	(0.07)	-0.28	(0.10)	0.07	(0.05)	0.09	(0.05)	-0.22	(0.04)
	Denmark	-0.23	(0.04)	-0.15	(0.05)	-0.23	(0.04)	-0.03	(0.03)	-0.02	(0.03)	-0.15	(0.03)
	Estonia	0.06	(0.08)	-0.06	(0.09)	-0.02	(0.06)	-0.16	(0.03)	-0.07	(0.03)	-0.06	(0.03)
	Finland	-0.30	(0.11)	-0.29	(0.10)	-0.13	(0.11)	0.03	(0.03)	0.02	(0.03)	-0.09	(0.03)
	France	-0.26	(0.10)	-0.14	(0.13)	-0.45	(0.07)	-0.21	(0.05)	-0.17	(0.06)	-0.47	(0.06)
	Germany	-0.35	(0.05)	-0.22	(0.05)	-0.58	(0.05)	-0.23	(0.04)	-0.21	(0.05)	-0.52	(0.04)
	Greece	-0.25	(0.05)	-0.19	(0.04)	-0.40	(0.09)	-0.16	(0.04)	-0.17	(0.03)	-0.37	(0.04)
	Hungary	0.01	(0.17)	-0.03	(0.09)	-0.58	(0.08)	0.14	(0.06)	0.07	(0.03)	-0.57	(0.02)
	Iceland	-0.24	(0.14)	0.16	(0.11)	-0.09	(0.10)	-0.01	(0.02)	-0.00	(0.02)	-0.12	(0.02)
	Ireland	-0.14	(0.07)	-0.21	(0.07)	-0.10	(0.08)	0.06	(0.04)	0.00	(0.04)	-0.28	(0.03)
	Israel	-0.11	(0.06)	0.00	(0.06)	-0.38	(0.06)	0.10	(0.04)	0.10	(0.04)	-0.49	(0.03)
	Italy	-0.32	(0.03)	-0.32	(0.04)	-0.49	(0.03)	-0.12	(0.03)	-0.13	(0.02)	-0.47	(0.02)
	Japan	c	c	c	c	c	c	c	c	c	c	-0.41	(0.04)
	Korea	c	c	c	c	c	c	c	c	c	c	-0.40	(0.04)
	Luxembourg	0.02	(0.02)	-0.36	(0.02)	-0.52	(0.01)	-0.31	(0.02)	-0.36	(0.02)	-0.40	(0.02)
	Mexico	-0.38	(0.10)	-0.15	(0.05)	-0.43	(0.11)	-0.24	(0.03)	-0.06	(0.04)	-0.45	(0.02)
	Netherlands	-0.27	(0.11)	-0.22	(0.10)	-0.34	(0.09)	-0.17	(0.05)	-0.12	(0.05)	-0.35	(0.05)
	New Zealand	-0.13	(0.04)	-0.14	(0.04)	-0.24	(0.05)	0.07	(0.03)	0.04	(0.03)	-0.23	(0.04)
	Norway	-0.14	(0.08)	-0.13	(0.07)	-0.19	(0.06)	0.03	(0.03)	0.02	(0.03)	-0.06	(0.03)
	Poland	c	c	c	c	c	c	c	c	c	c	-0.17	(0.03)
	Portugal	-0.32	(0.08)	-0.28	(0.06)	-0.33	(0.07)	-0.01	(0.03)	-0.10	(0.04)	-0.39	(0.03)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	-0.33	(0.04)
	Slovenia	-0.34	(0.06)	-0.34	(0.07)	-0.40	(0.05)	-0.24	(0.01)	-0.24	(0.01)	-0.51	(0.01)
	Spain	-0.05	(0.05)	-0.18	(0.04)	-0.23	(0.04)	-0.03	(0.02)	-0.06	(0.02)	-0.31	(0.03)
	Sweden	-0.23	(0.07)	-0.18	(0.05)	-0.22	(0.04)	-0.03	(0.03)	-0.04	(0.03)	-0.15	(0.03)
	Switzerland	-0.18	(0.07)	-0.29	(0.03)	-0.44	(0.03)	-0.15	(0.03)	-0.18	(0.04)	-0.38	(0.03)
	Turkey	c	c	c	c	c	c	c	c	c	c	-0.47	(0.03)
	United Kingdom	-0.13	(0.09)	-0.26	(0.08)	-0.29	(0.06)	-0.07	(0.03)	-0.08	(0.04)	-0.21	(0.03)
United States	-0.10	(0.04)	-0.11	(0.04)	-0.25	(0.05)	-0.08	(0.03)	-0.08	(0.04)	-0.26	(0.03)	
OECD average	-0.17	(0.02)	-0.15	(0.01)	-0.31	(0.01)	-0.06	(0.01)	-0.06	(0.01)	-0.32	(0.01)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	-0.33	(0.04)
	Argentina	0.16	(0.17)	0.10	(0.14)	-0.29	(0.13)	-0.05	(0.04)	0.01	(0.08)	-0.47	(0.03)
	Azerbaijan	-0.13	(0.11)	0.18	(0.17)	-0.24	(0.07)	0.17	(0.05)	0.16	(0.05)	-0.19	(0.05)
	Brazil	0.02	(0.15)	0.07	(0.19)	-0.15	(0.22)	-0.15	(0.03)	0.01	(0.05)	-0.43	(0.02)
	Bulgaria	c	c	c	c	c	c	c	c	c	c	-0.39	(0.05)
	Colombia	c	c	c	c	c	c	c	c	c	c	-0.44	(0.03)
	Croatia	0.03	(0.07)	-0.04	(0.11)	-0.34	(0.05)	-0.09	(0.04)	-0.06	(0.08)	-0.37	(0.03)
	Dubai (UAE)	0.30	(0.02)	-0.06	(0.02)	-0.45	(0.01)	0.08	(0.03)	0.18	(0.03)	-0.31	(0.02)
	Hong Kong-China	-0.21	(0.05)	-0.31	(0.06)	-0.33	(0.04)	-0.13	(0.06)	-0.21	(0.05)	-0.34	(0.04)
	Indonesia	c	c	c	c	c	c	c	c	c	c	-0.40	(0.05)
	Jordan	0.00	(0.09)	-0.19	(0.08)	-0.19	(0.07)	0.13	(0.04)	-0.04	(0.03)	-0.17	(0.03)
	Kazakhstan	0.04	(0.21)	0.10	(0.09)	-0.30	(0.08)	0.07	(0.04)	0.08	(0.07)	-0.18	(0.05)
	Kyrgyzstan	0.09	(0.15)	-0.17	(0.17)	-0.32	(0.12)	0.27	(0.04)	0.08	(0.07)	-0.14	(0.04)
	Latvia	0.07	(0.10)	-0.09	(0.09)	-0.20	(0.07)	-0.05	(0.04)	-0.04	(0.04)	-0.15	(0.03)
	Liechtenstein	-0.37	(0.10)	-0.59	(0.08)	-0.65	(0.07)	-0.47	(0.04)	-0.70	(0.03)	-0.73	(0.03)
	Lithuania	0.21	(0.09)	0.29	(0.09)	0.19	(0.10)	-0.07	(0.04)	-0.03	(0.04)	-0.17	(0.03)
	Macao-China	0.05	(0.02)	-0.13	(0.02)	-0.07	(0.02)	-0.11	(0.02)	-0.20	(0.02)	-0.16	(0.02)
	Montenegro	0.03	(0.07)	-0.19	(0.07)	-0.36	(0.06)	0.10	(0.01)	-0.14	(0.01)	-0.45	(0.01)
	Panama	-0.15	(0.25)	-0.38	(0.23)	-0.71	(0.05)	0.14	(0.08)	0.02	(0.08)	-0.48	(0.06)
	Peru	c	c	c	c	c	c	c	c	c	c	-0.58	(0.03)
	Qatar	0.44	(0.01)	0.33	(0.01)	-0.43	(0.01)	0.21	(0.02)	0.10	(0.02)	-0.10	(0.01)
	Romania	c	c	c	c	c	c	c	c	c	c	-0.38	(0.06)
	Russian Federation	-0.25	(0.13)	-0.30	(0.10)	-0.29	(0.09)	-0.08	(0.05)	-0.13	(0.05)	-0.16	(0.03)
	Serbia	0.09	(0.09)	0.19	(0.10)	-0.39	(0.05)	0.11	(0.04)	0.09	(0.07)	-0.35	(0.04)
	Shanghai-China	c	c	c	c	c	c	c	c	c	c	-0.46	(0.04)
	Singapore	-0.03	(0.08)	-0.12	(0.06)	-0.38	(0.04)	0.16	(0.01)	0.08	(0.01)	-0.41	(0.01)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	-0.38	(0.03)
Thailand	c	c	c	c	c	c	c	c	c	c	-0.41	(0.04)	
Trinidad and Tobago	0.24	(0.07)	0.32	(0.06)	-0.59	(0.08)	-0.00	(0.02)	0.08	(0.01)	-0.44	(0.01)	
Tunisia	c	c	c	c	c	c	c	c	c	c	-0.38	(0.04)	
Uruguay	c	c	c	c	c	c	c	c	c	c	-0.52	(0.02)	

Note: Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Students by mother's education in disadvantaged schools
Table B5.7 Results based on students' self-reports

	Students of low educated mothers in disadvantaged schools as a percentage of all students with low educated mothers				Students with highly educated mothers in disadvantaged schools as a percentage of all students with highly educated mothers			
	Immigrant students		Non-immigrant students		Immigrant students		Non-immigrant students	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD								
Australia	66.0	(6.3)	52.6	(4.3)	22.7	(4.0)	16.6	(2.3)
Austria	64.2	(5.7)	51.7	(6.4)	39.1	(7.3)	14.5	(2.8)
Belgium	76.5	(3.7)	47.0	(4.3)	30.6	(4.5)	16.0	(2.2)
Canada	66.4	(6.3)	58.3	(4.4)	23.8	(3.9)	18.6	(2.0)
Chile	c	c	46.7	(5.2)	c	c	7.3	(1.4)
Czech Republic	c	c	72.2	(4.7)	25.5	(9.5)	21.6	(3.5)
Denmark	68.3	(5.0)	44.4	(5.1)	36.4	(4.6)	18.6	(3.0)
Estonia	c	c	56.1	(5.0)	13.4	(5.4)	21.5	(2.8)
Finland	c	c	46.6	(5.2)	28.6	(8.0)	21.7	(3.3)
France	62.8	(6.4)	43.8	(5.3)	36.5	(7.4)	13.1	(2.4)
Germany	58.5	(6.4)	45.8	(4.9)	31.3	(5.3)	13.0	(2.5)
Greece	56.8	(10.7)	49.6	(4.6)	30.6	(4.3)	14.1	(2.7)
Hungary	c	c	60.8	(4.6)	c	c	9.1	(1.3)
Iceland	c	c	43.2	(1.9)	c	c	17.6	(0.8)
Ireland	26.2	(8.8)	47.2	(5.6)	28.6	(6.0)	15.6	(3.2)
Israel	47.2	(7.1)	80.6	(2.7)	7.3	(3.0)	12.3	(1.6)
Italy	40.1	(5.4)	43.7	(2.1)	18.7	(4.2)	11.0	(1.0)
Japan	c	c	66.0	(4.4)	c	c	14.9	(1.6)
Korea	m	m	54.7	(5.0)	c	c	14.7	(2.8)
Luxembourg	48.7	(1.8)	27.4	(2.2)	15.7	(1.8)	11.1	(0.9)
Mexico	52.5	(5.9)	35.7	(2.2)	25.8	(7.3)	7.5	(0.7)
Netherlands	71.4	(6.0)	40.6	(5.2)	41.7	(9.1)	15.3	(2.7)
New Zealand	40.1	(6.0)	47.3	(4.7)	18.0	(3.0)	17.3	(2.7)
Norway	57.8	(8.0)	53.6	(5.6)	18.1	(4.8)	21.4	(3.0)
Poland	c	c	55.3	(5.3)	m	m	14.9	(3.1)
Portugal	12.4	(3.8)	37.0	(4.2)	10.8	(3.3)	6.7	(1.2)
Slovak Republic	c	c	83.1	(3.7)	c	c	18.4	(3.0)
Slovenia	71.1	(4.5)	56.0	(2.6)	29.4	(6.6)	11.0	(0.8)
Spain	30.8	(5.0)	42.3	(4.1)	15.3	(3.6)	10.7	(1.5)
Sweden	59.7	(8.1)	45.0	(5.1)	37.5	(6.7)	19.6	(2.8)
Switzerland	49.3	(4.3)	39.7	(4.5)	25.1	(3.9)	14.2	(2.2)
Turkey	c	c	30.0	(3.8)	c	c	2.7	(0.9)
United Kingdom	79.8	(8.1)	57.1	(4.6)	42.5	(7.0)	17.7	(2.3)
United States	79.0	(4.2)	42.3	(6.4)	25.4	(5.7)	12.8	(2.5)
OECD average	55.9	(1.3)	50.1	(0.8)	26.1	(1.1)	14.5	(0.4)
Partners								
Albania	c	c	42.1	(5.2)	c	c	12.5	(2.9)
Argentina	59.1	(10.1)	40.2	(5.3)	32.2	(9.8)	12.7	(2.1)
Azerbaijan	c	c	58.5	(5.0)	16.9	(6.7)	19.9	(3.3)
Brazil	49.1	(15.1)	37.6	(3.5)	0.9	(1.0)	9.6	(1.4)
Bulgaria	c	c	70.8	(6.9)	c	c	12.1	(2.7)
Colombia	c	c	37.9	(5.2)	c	c	10.5	(1.9)
Croatia	44.7	(5.2)	57.0	(4.1)	16.0	(4.1)	16.8	(1.9)
Dubai (UAE)	51.4	(2.5)	86.4	(1.5)	4.5	(0.4)	28.4	(2.1)
Hong Kong-China	41.4	(4.3)	32.1	(4.4)	9.4	(3.5)	2.6	(1.0)
Indonesia	c	c	35.5	(4.6)	c	c	4.6	(1.4)
Jordan	24.1	(6.2)	45.3	(4.3)	7.5	(3.4)	14.7	(2.7)
Kazakhstan	76.8	(10.1)	73.1	(6.0)	26.1	(6.5)	20.4	(3.2)
Kyrgyzstan	c	c	68.9	(6.2)	31.0	(9.9)	21.8	(3.5)
Latvia	c	c	75.3	(6.2)	32.1	(10.8)	19.0	(3.4)
Liechtenstein	39.4	(6.7)	39.6	(7.2)	c	c	19.9	(4.7)
Lithuania	c	c	74.9	(4.5)	43.2	(11.8)	17.1	(2.3)
Macao-China	31.3	(0.6)	23.7	(1.2)	15.1	(2.3)	6.4	(1.5)
Montenegro	c	c	57.5	(1.9)	12.7	(3.4)	16.3	(1.2)
Panama	28.4	(17.6)	49.1	(7.8)	10.5	(8.4)	12.8	(3.4)
Peru	c	c	44.6	(4.7)	c	c	7.0	(1.3)
Qatar	49.6	(2.0)	64.3	(1.3)	7.0	(0.6)	14.8	(0.7)
Romania	c	c	52.2	(5.0)	c	c	18.1	(3.3)
Russian Federation	c	c	75.9	(6.1)	23.0	(5.6)	21.9	(3.6)
Serbia	44.0	(12.9)	58.4	(5.2)	18.7	(4.1)	18.3	(2.6)
Shanghai-China	c	c	44.7	(4.8)	c	c	8.6	(1.6)
Singapore	46.2	(4.3)	42.8	(1.5)	18.4	(1.7)	15.1	(1.0)
Chinese Taipei	c	c	42.9	(4.3)	c	c	16.3	(2.6)
Thailand	m	m	34.4	(3.9)	m	m	2.7	(0.8)
Trinidad and Tobago	c	c	43.9	(1.5)	14.3	(7.4)	13.3	(1.2)
Tunisia	c	c	33.8	(4.3)	c	c	5.3	(1.3)
Uruguay	c	c	35.8	(3.4)	c	c	6.2	(1.0)

Note: Disadvantaged schools are those in the country-specific fourth quartile of the concentration measure of students with low educated mothers at the school level (these are the 25% of school with the highest proportion of students with low educated mothers). Students with low educated mothers are those whose mother's educational attainment is lower than upper secondary education. Students with highly educated mothers are those whose mother's educational attainment is tertiary education.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Students in disadvantaged schools from low occupation status families

Table B5.8 Results based on students' self-reports

	Students in disadvantaged schools from low occupation status families				Students in disadvantaged schools with tertiary-educated mothers from low occupation status families			
	Immigrant students		Non-immigrant students		Immigrant students		Non-immigrant students	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD								
Australia	34.8	(3.6)	28.4	(1.6)	15.5	(2.7)	15.1	(1.6)
Austria	58.9	(4.0)	32.9	(3.6)	46.2	(7.9)	23.6	(4.3)
Belgium	60.3	(3.1)	37.8	(2.3)	38.2	(5.5)	22.7	(2.2)
Canada	39.8	(2.4)	25.5	(1.6)	25.1	(2.6)	16.4	(1.6)
Chile	c	c	68.8	(1.6)	m	m	29.9	(4.3)
Czech Republic	c	c	35.2	(2.6)	c	c	16.6	(3.5)
Denmark	56.7	(2.7)	36.3	(2.8)	38.2	(5.7)	24.4	(2.8)
Estonia	44.1	(7.9)	31.4	(1.8)	c	c	17.9	(2.3)
Finland	35.9	(7.7)	30.3	(2.0)	c	c	21.8	(1.9)
France	72.6	(3.1)	51.0	(3.1)	56.9	(8.2)	39.4	(4.9)
Germany	63.0	(3.4)	35.2	(2.8)	36.6	(6.8)	29.1	(5.6)
Greece	74.2	(3.8)	43.0	(3.7)	c	c	15.5	(4.6)
Hungary	c	c	54.1	(2.1)	c	c	25.0	(3.9)
Iceland	c	c	24.5	(1.6)	c	c	6.4	(1.6)
Ireland	26.8	(6.6)	43.0	(2.1)	18.1	(8.2)	26.9	(3.1)
Israel	58.2	(5.0)	43.8	(2.3)	8.3	(4.1)	20.5	(3.6)
Italy	77.7	(3.3)	54.3	(1.0)	80.4	(6.5)	26.0	(2.6)
Japan	c	c	39.7	(1.7)	c	c	28.7	(2.6)
Korea	m	m	32.7	(2.2)	m	m	16.1	(3.8)
Luxembourg	71.5	(2.0)	33.0	(2.4)	43.0	(6.6)	19.9	(4.2)
Mexico	74.7	(3.7)	72.7	(1.0)	c	c	34.2	(2.6)
Netherlands	69.7	(4.2)	30.7	(2.2)	61.2	(8.4)	20.8	(2.9)
New Zealand	34.0	(2.7)	27.7	(2.1)	20.9	(4.9)	15.6	(3.1)
Norway	40.9	(6.0)	15.3	(1.4)	c	c	10.4	(1.4)
Poland	m	m	51.0	(2.8)	m	m	5.1	(2.1)
Portugal	50.1	(6.7)	61.3	(2.1)	c	c	24.1	(4.6)
Slovak Republic	c	c	44.5	(3.1)	m	m	22.5	(2.6)
Slovenia	61.3	(5.1)	36.8	(1.5)	c	c	11.6	(2.4)
Spain	67.7	(5.0)	59.9	(1.5)	48.1	(9.9)	26.4	(3.9)
Sweden	52.5	(4.6)	33.7	(2.1)	42.1	(4.9)	26.3	(2.3)
Switzerland	63.3	(2.6)	31.7	(2.1)	42.2	(5.9)	25.7	(4.5)
Turkey	c	c	59.1	(2.2)	m	m	c	c
United Kingdom	35.6	(7.4)	36.4	(2.5)	17.5	(3.5)	25.7	(2.6)
United States	64.1	(2.8)	30.0	(1.9)	28.5	(4.9)	18.0	(2.2)
OECD average	55.5	(0.9)	40.3	(0.4)	37.0	(1.5)	21.5	(0.6)
Partners								
Albania	c	c	58.5	(2.9)	m	m	37.0	(6.2)
Argentina	80.4	(4.8)	60.9	(2.3)	c	c	45.0	(3.9)
Azerbaijan	44.8	(17.5)	42.2	(2.9)	c	c	31.1	(2.7)
Brazil	c	c	68.4	(1.6)	c	c	41.5	(3.6)
Bulgaria	c	c	55.5	(4.0)	m	m	29.8	(6.9)
Colombia	c	c	69.3	(1.5)	c	c	39.1	(5.2)
Croatia	60.9	(3.6)	45.3	(1.8)	c	c	25.5	(2.9)
Dubai (UAE)	6.7	(1.5)	2.8	(0.7)	3.3	(1.4)	0.0	(0.0)
Hong Kong-China	62.4	(2.5)	43.2	(2.2)	c	c	c	c
Indonesia	c	c	85.4	(1.5)	m	m	c	c
Jordan	58.6	(7.6)	44.6	(2.7)	c	c	11.0	(2.7)
Kazakhstan	46.9	(3.4)	41.8	(2.1)	34.9	(4.4)	32.7	(1.7)
Kyrgyzstan	c	c	51.1	(3.3)	c	c	40.4	(3.1)
Latvia	42.3	(10.5)	34.6	(2.1)	26.2	(12.3)	22.9	(2.9)
Liechtenstein	c	c	c	c	c	c	c	c
Lithuania	c	c	39.8	(2.3)	c	c	20.5	(2.4)
Macao-China	37.4	(1.4)	31.0	(2.3)	16.3	(6.0)	c	c
Montenegro	49.0	(7.0)	45.9	(1.4)	c	c	19.1	(3.4)
Panama	c	c	64.7	(3.4)	c	c	43.4	(4.0)
Peru	c	c	81.9	(1.8)	c	c	71.3	(5.9)
Qatar	10.2	(1.2)	7.3	(0.9)	7.6	(2.7)	1.3	(0.7)
Romania	c	c	56.6	(2.5)	c	c	42.2	(4.3)
Russian Federation	37.1	(6.5)	34.7	(2.7)	35.9	(7.2)	28.9	(2.3)
Serbia	47.5	(4.6)	37.8	(1.7)	28.2	(8.3)	22.2	(2.6)
Shanghai-China	c	c	46.0	(1.7)	c	c	27.0	(4.1)
Singapore	25.4	(3.4)	30.1	(1.4)	3.3	(1.9)	9.0	(2.1)
Chinese Taipei	c	c	48.7	(2.4)	c	c	28.3	(2.6)
Thailand	m	m	86.3	(1.4)	m	m	c	c
Trinidad and Tobago	c	c	50.3	(2.1)	c	c	28.5	(5.0)
Tunisia	c	c	78.3	(2.3)	m	m	c	c
Uruguay	c	c	65.3	(1.8)	c	c	27.0	(4.8)

Note: Disadvantaged schools are those in the country-specific fourth quartile of the concentration measure of students with low educated mothers at the school level (these are the 25% of school with the highest proportion of students with low educated mothers). Students with low occupational status families are those with a HISEI lower than 40. HISEI is the highest international social and economic index.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Performance among students in the top or bottom school disadvantage quartiles and those with mothers with high or low education levels, all students

Table B5.9 Results based on students' self-reports

	Mean performance												Difference in scores between			
	Students in the bottom quartile of school disadvantage (25% lowest % of students with low educated mothers)		Students in the second quartile of school disadvantage		Students in the third quartile of school disadvantage		Students in the top quartile of school disadvantage (25% highest % of students with low educated mothers)		Students with low educated mothers		Students with highly educated mothers		Students in the bottom and top school disadvantage quartiles		Students with mothers having high or low education	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD																
Australia	544	(5.3)	523	(4.5)	506	(4.8)	489	(6.0)	471	(4.3)	541	(2.8)	55	(7.9)	70	(4.3)
Austria	520	(7.3)	493	(9.5)	499	(8.8)	438	(10.3)	404	(6.6)	499	(4.0)	82	(13.6)	95	(7.1)
Belgium	563	(7.9)	534	(6.1)	499	(6.3)	463	(6.4)	465	(3.9)	535	(2.5)	100	(10.8)	70	(4.5)
Canada	544	(3.5)	530	(3.0)	527	(4.5)	512	(3.7)	491	(4.7)	537	(1.7)	31	(5.0)	46	(4.8)
Chile	511	(5.5)	462	(5.7)	432	(5.1)	409	(5.6)	416	(3.4)	487	(3.6)	102	(7.6)	71	(4.4)
Czech Republic	503	(6.4)	502	(5.7)	491	(8.7)	454	(7.3)	432	(7.4)	496	(4.9)	49	(9.7)	65	(7.9)
Denmark	525	(5.1)	496	(6.0)	487	(4.8)	484	(4.5)	451	(3.7)	512	(2.5)	40	(6.7)	62	(4.1)
Estonia	506	(5.1)	510	(7.1)	507	(5.4)	502	(3.9)	467	(6.6)	511	(3.4)	4	(6.7)	44	(7.0)
Finland	546	(4.2)	537	(4.5)	536	(4.5)	523	(4.3)	496	(4.7)	547	(2.4)	23	(5.9)	50	(4.5)
France	565	(11.7)	539	(8.1)	477	(9.2)	441	(11.0)	456	(4.6)	529	(4.4)	125	(17.7)	73	(6.4)
Germany	571	(5.6)	543	(5.6)	518	(7.4)	453	(7.8)	448	(4.2)	529	(4.2)	118	(10.0)	81	(5.7)
Greece	527	(4.4)	503	(7.4)	494	(6.5)	433	(11.7)	444	(6.2)	506	(3.9)	94	(12.4)	62	(5.5)
Hungary	566	(5.2)	533	(6.2)	501	(6.1)	440	(6.6)	421	(6.0)	534	(4.6)	125	(8.3)	113	(7.4)
Iceland	518	(3.0)	504	(2.9)	492	(3.3)	488	(3.2)	477	(3.2)	520	(2.2)	30	(4.4)	43	(4.1)
Ireland	533	(5.5)	506	(6.1)	488	(8.5)	474	(6.8)	461	(4.0)	519	(3.3)	60	(8.7)	58	(4.2)
Israel	536	(5.7)	514	(5.3)	474	(8.1)	395	(7.1)	401	(6.3)	516	(3.8)	141	(9.1)	115	(6.7)
Italy	544	(3.3)	514	(3.7)	478	(4.5)	432	(4.5)	459	(2.6)	503	(2.4)	112	(5.6)	44	(3.2)
Japan	561	(7.6)	553	(5.6)	519	(6.4)	456	(8.4)	483	(7.3)	542	(3.6)	106	(11.2)	59	(7.6)
Korea	572	(5.0)	559	(4.7)	540	(6.4)	492	(7.7)	504	(7.2)	555	(4.9)	80	(9.3)	51	(7.2)
Luxembourg	539	(2.0)	503	(2.1)	425	(2.7)	421	(2.3)	436	(2.6)	503	(2.7)	118	(3.1)	67	(3.6)
Mexico	485	(3.6)	440	(3.9)	418	(3.1)	388	(4.3)	408	(1.9)	455	(2.4)	97	(5.5)	47	(2.3)
Netherlands	551	(7.8)	535	(17.1)	498	(10.3)	458	(7.4)	479	(5.8)	526	(5.5)	93	(11.1)	47	(5.3)
New Zealand	553	(5.5)	542	(6.7)	529	(4.7)	499	(6.9)	493	(4.0)	551	(3.2)	54	(9.1)	58	(4.5)
Norway	508	(5.0)	511	(5.3)	502	(5.4)	495	(3.9)	465	(6.0)	516	(2.8)	13	(6.3)	51	(5.7)
Poland	519	(5.4)	503	(6.1)	501	(4.7)	476	(4.2)	444	(5.1)	553	(3.9)	43	(7.1)	109	(6.4)
Portugal	538	(5.7)	499	(3.7)	478	(6.7)	450	(6.1)	470	(3.2)	531	(4.5)	88	(8.7)	61	(4.8)
Slovak Republic	514	(5.7)	510	(4.7)	474	(7.8)	447	(8.4)	384	(11.3)	503	(4.2)	66	(10.5)	119	(11.9)
Slovenia	548	(1.9)	532	(2.5)	464	(1.9)	433	(2.0)	440	(3.8)	516	(2.7)	115	(2.8)	76	(4.7)
Spain	518	(3.9)	490	(3.4)	471	(4.0)	450	(4.2)	460	(2.5)	509	(2.8)	68	(5.6)	49	(3.4)
Sweden	526	(6.0)	497	(5.8)	486	(5.4)	476	(5.6)	447	(6.1)	513	(3.2)	50	(8.5)	66	(6.5)
Switzerland	555	(8.0)	525	(7.5)	483	(4.8)	451	(3.8)	463	(3.9)	522	(3.5)	104	(9.2)	58	(4.7)
Turkey	527	(7.3)	471	(8.1)	447	(5.7)	434	(4.7)	454	(3.2)	523	(7.5)	94	(8.5)	68	(7.3)
United Kingdom	531	(5.5)	511	(4.4)	490	(6.4)	471	(6.5)	454	(5.4)	516	(2.7)	60	(9.2)	63	(6.3)
United States	538	(8.5)	514	(5.4)	483	(7.0)	461	(4.7)	458	(4.3)	525	(4.8)	77	(9.7)	67	(5.8)
OECD average	535	(1.0)	513	(1.1)	489	(1.1)	458	(1.1)	453	(0.9)	520	(0.6)	77	(1.5)	67	(1.0)
Partners																
Albania	431	(8.8)	410	(10.6)	375	(8.0)	355	(7.7)	363	(4.8)	400	(7.3)	76	(11.5)	37	(7.7)
Argentina	481	(8.4)	415	(10.5)	386	(7.7)	362	(9.6)	369	(4.8)	429	(5.6)	119	(12.3)	60	(6.4)
Azerbaijan	392	(7.5)	366	(5.6)	343	(8.4)	342	(6.5)	348	(6.0)	377	(3.8)	50	(10.6)	29	(6.2)
Brazil	486	(5.7)	412	(8.3)	402	(4.9)	389	(3.8)	393	(2.6)	437	(4.9)	97	(6.8)	44	(4.9)
Bulgaria	489	(11.7)	480	(13.2)	420	(16.3)	374	(10.4)	342	(8.1)	469	(7.6)	116	(16.9)	126	(9.6)
Colombia	469	(6.4)	425	(6.3)	381	(7.9)	387	(5.0)	390	(4.1)	444	(5.1)	82	(8.1)	54	(5.4)
Croatia	529	(6.7)	475	(7.5)	463	(7.2)	435	(4.7)	433	(4.3)	491	(4.1)	94	(8.0)	57	(5.2)
Dubai (UAE)	530	(2.4)	499	(2.6)	440	(2.0)	390	(2.1)	389	(3.2)	492	(1.8)	140	(3.0)	103	(3.8)
Hong Kong-China	577	(5.4)	544	(8.4)	516	(6.8)	497	(6.2)	523	(2.8)	556	(5.7)	80	(8.4)	33	(6.3)
Indonesia	442	(8.5)	408	(7.4)	389	(6.2)	374	(5.6)	390	(3.2)	437	(8.3)	68	(9.9)	46	(8.1)
Jordan	432	(7.3)	408	(5.8)	402	(6.4)	388	(7.1)	388	(3.2)	425	(4.5)	44	(10.3)	37	(4.4)
Kazakhstan	413	(6.9)	405	(6.5)	382	(7.6)	367	(6.5)	338	(9.2)	402	(3.2)	46	(10.4)	63	(9.6)
Kyrgyzstan	329	(6.4)	333	(5.9)	306	(8.9)	298	(8.6)	270	(10.1)	331	(3.8)	31	(11.6)	61	(10.8)
Latvia	504	(4.6)	504	(4.4)	498	(5.2)	475	(4.1)	457	(8.6)	499	(3.5)	29	(6.7)	43	(8.6)
Liechtenstein	c	c	c	c	c	c	c	c	463	(8.3)	515	(7.5)	c	c	53	(11.4)
Lithuania	485	(4.2)	485	(4.3)	486	(5.2)	443	(6.4)	424	(7.5)	491	(2.8)	42	(7.3)	66	(8.2)
Macao-China	494	(1.7)	494	(1.7)	478	(1.8)	481	(1.6)	485	(1.2)	492	(3.8)	13	(2.0)	7	(4.1)
Montenegro	471	(2.4)	427	(2.2)	379	(2.0)	360	(2.1)	361	(4.8)	430	(3.1)	111	(3.4)	69	(5.6)
Panama	479	(10.2)	386	(9.0)	356	(6.8)	353	(12.2)	345	(5.8)	397	(9.2)	126	(14.2)	52	(9.6)
Peru	456	(8.3)	399	(5.9)	358	(4.6)	315	(5.8)	330	(2.8)	419	(8.4)	141	(9.6)	89	(8.7)
Qatar	442	(1.7)	378	(2.0)	335	(1.7)	333	(1.4)	339	(2.0)	390	(1.5)	108	(2.2)	52	(2.5)
Romania	466	(8.1)	455	(10.5)	406	(10.5)	386	(11.2)	389	(6.4)	435	(5.6)	80	(14.9)	46	(7.5)
Russian Federation	472	(5.4)	470	(4.7)	472	(5.9)	432	(7.1)	397	(12.3)	468	(3.2)	40	(7.7)	71	(12.0)
Serbia	495	(5.3)	448	(8.2)	427	(5.5)	406	(6.9)	405	(6.3)	450	(3.0)	89	(8.4)	46	(6.1)
Shanghai-China	608	(4.9)	568	(5.2)	541	(6.5)	510	(7.2)	532	(3.5)	582	(3.2)	98	(9.0)	50	(4.8)
Singapore	587	(3.4)	530	(2.3)	498	(2.0)	488	(2.1)	484	(2.7)	555	(2.4)	99	(4.5)	71	(3.8)
Chinese Taipei	543	(7.4)	510	(6.1)	474	(6.0)	454	(4.8)	470	(2.8)	519	(3.4)	88	(9.0)	50	(3.6)
Thailand	473	(5.7)	422	(4.4)	409	(5.6)	399	(5.3)	410	(2.6)	473	(6.0)	75	(7.6)	63	(6.3)
Trinidad and Tobago	501	(2.5)	429	(2.5)	390	(2.4)	369	(2.3)	401	(3.6)	436	(3.9)	132	(3.3)	35	(5.2)
Tunisia	450	(7.0)	409	(9.9)	389	(7.6)	371	(6.3)	394	(2.6)	431	(8.0)	79	(10.1)	37	(7.8)
Uruguay	500	(4.2)	450	(3.7)	410	(6.8)	365	(4.1)	398	(2.6)	483	(4.0)	134	(6.3)	85	(4.4)

Note: Disadvantage quartiles are defined at the country level ranking schools according to the proportion of students with low educated mothers. The highest disadvantage quartile is the one with the 25% of schools where the proportion of students with low educated mothers is highest. The opposite is true for the lowest disadvantage quartile. Low educated mothers are those with educational attainment lower than an upper-secondary education. Highly educated mothers are those with an tertiary level education (a university education). Values that are statistically significant are indicated in bold (see Annex A).

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/4]

Mean performance across mother's educational attainment by quartile of most disadvantaged schools measured as the proportion of students with low educated mothers

Table B5.10a Results based on students' self-reports

		Least disadvantaged quartile (25% of schools with the lowest % of students with low educated mothers) in the country/economy											
		At best primary						Lower secondary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	m	m	c	c	c	c	c	c	c	c	c	c
	Austria	c	c	c	c	m	m	c	c	c	c	c	c
	Belgium	c	c	c	c	m	m	c	c	c	c	m	m
	Canada	m	m	m	m	m	m	m	m	m	m	m	m
	Chile	c	c	m	m	m	m	480	(14.5)	c	c	m	m
	Czech Republic	m	m	m	m	m	m	m	m	m	m	m	m
	Denmark	c	c	m	m	c	c	c	c	c	c	c	c
	Estonia	m	m	m	m	m	m	m	m	m	m	m	m
	Finland	c	c	c	c	c	c	c	c	c	c	m	m
	France	c	c	c	c	m	m	c	c	c	c	c	c
	Germany	m	m	c	c	m	m	c	c	c	c	c	c
	Greece	c	c	m	m	c	c	515	(14.8)	m	m	m	m
	Hungary	m	m	m	m	m	m	c	c	m	m	m	m
	Iceland	c	c	m	m	m	m	489	(17.0)	m	m	m	m
	Ireland	c	c	c	c	c	c	492	(13.0)	c	c	c	c
	Israel	m	m	m	m	m	m	m	m	m	m	m	m
	Italy	510	(13.4)	c	c	c	c	533	(5.2)	c	c	c	c
	Japan	m	m	m	m	m	m	m	m	m	m	m	m
	Korea	c	c	m	m	m	m	c	c	m	m	m	m
	Luxembourg	c	c	c	c	c	c	516	(13.0)	c	c	c	c
	Mexico	464	(4.6)	c	c	c	c	476	(4.1)	c	c	c	c
	Netherlands	c	c	c	c	c	c	c	c	c	c	c	c
	New Zealand	c	c	m	m	c	c	c	c	c	c	c	c
	Norway	m	m	m	m	m	m	m	m	m	m	m	m
	Poland	m	m	m	m	m	m	c	c	m	m	m	m
	Portugal	518	(7.1)	c	c	c	c	517	(7.2)	c	c	c	c
	Slovak Republic	m	m	m	m	m	m	m	m	m	m	m	m
	Slovenia	m	m	m	m	m	m	c	c	m	m	m	m
	Spain	479	(7.2)	c	c	c	c	504	(5.6)	c	c	424	(15.8)
	Sweden	c	c	m	m	m	m	c	c	c	c	m	m
	Switzerland	c	c	c	c	c	c	543	(13.9)	535	(21.2)	c	c
	Turkey	521	(8.0)	c	c	m	m	513	(10.4)	c	c	c	c
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m	
United States	m	m	c	c	c	c	c	c	m	m	m	m	
	OECD average	498	(3.8)	c	c	c	c	507	(3.5)	535	(21.2)	424	(15.8)
Partners	Albania	c	c	m	m	m	m	403	(9.8)	m	m	m	m
	Argentina	455	(17.3)	m	m	m	m	474	(13.6)	m	m	m	m
	Azerbaijan	c	c	m	m	m	m	c	c	m	m	m	m
	Brazil	444	(6.7)	c	c	c	c	456	(6.9)	m	m	c	c
	Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
	Colombia	438	(8.9)	c	c	m	m	450	(7.9)	m	m	m	m
	Croatia	m	m	m	m	m	m	c	c	c	c	c	c
	Dubai (UAE)	m	m	m	m	m	m	m	m	c	c	c	c
	Hong Kong-China	590	(9.1)	595	(13.0)	c	c	580	(9.9)	c	c	c	c
	Indonesia	428	(8.7)	m	m	c	c	431	(9.6)	m	m	m	m
	Jordan	385	(12.9)	c	c	c	c	421	(11.3)	c	c	c	c
	Kazakhstan	m	m	m	m	m	m	m	m	m	m	m	m
	Kyrgyzstan	m	m	m	m	m	m	m	m	m	m	m	m
	Latvia	m	m	m	m	m	m	m	m	m	m	m	m
	Liechtenstein	m	m	m	m	m	m	c	c	m	m	c	c
	Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
	Macao-China	493	(7.5)	492	(7.2)	c	c	490	(6.4)	493	(5.9)	c	c
	Montenegro	c	c	m	m	m	m	c	c	m	m	c	c
	Panama	c	c	c	c	m	m	c	c	c	c	c	c
	Peru	413	(12.0)	m	m	m	m	413	(12.2)	m	m	m	m
	Qatar	c	c	c	c	c	c	c	c	c	c	c	c
	Romania	c	c	m	m	m	m	c	c	m	m	m	m
	Russian Federation	m	m	m	m	m	m	m	m	m	m	m	m
	Serbia	c	c	m	m	m	m	c	c	c	c	c	c
	Shanghai-China	c	c	m	m	c	c	597	(9.0)	c	c	m	m
	Singapore	546	(19.7)	c	c	c	c	c	c	c	c	c	c
	Chinese Taipei	509	(21.3)	m	m	c	c	527	(8.7)	c	c	c	c
	Thailand	455	(7.9)	m	m	m	m	458	(10.3)	m	m	m	m
	Trinidad and Tobago	500	(12.4)	c	c	c	c	c	c	c	c	c	c
	Tunisia	438	(8.6)	c	c	m	m	448	(6.6)	m	m	m	m
	Uruguay	460	(6.6)	m	m	m	m	477	(6.9)	c	c	c	c

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary defined as MISCED = 3 or 4 and Tertiary defined as MISCED = 5 or 6.
Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.



[Part 2/4]

Mean performance across mother's educational attainment by quartile of most disadvantaged schools measured as the proportion of students with low educated mothers (continued)
Table B5.10a Results based on students' self-reports

		Least disadvantaged quartile (25% of schools with the lowest % of students with low educated mothers) in the country/economy											
		Upper secondary						Tertiary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	524	(5.1)	562	(12.6)	544	(10.3)	560	(5.1)	576	(10.5)	566	(9.0)
	Austria	514	(8.3)	500	(19.6)	c	c	541	(7.4)	c	c	c	c
	Belgium	535	(11.9)	c	c	c	c	582	(5.4)	539	(19.0)	571	(14.0)
	Canada	525	(4.3)	545	(9.5)	529	(13.6)	557	(3.8)	545	(9.5)	552	(7.9)
	Chile	506	(6.8)	c	c	c	c	520	(4.3)	m	m	c	c
	Czech Republic	498	(5.6)	c	c	c	c	527	(7.9)	c	c	c	c
	Denmark	509	(7.7)	c	c	c	c	535	(5.8)	c	c	c	c
	Estonia	504	(5.9)	474	(13.6)	c	c	516	(5.7)	486	(9.1)	c	c
	Finland	525	(7.0)	c	c	c	c	555	(4.7)	c	c	c	c
	France	548	(14.7)	c	c	c	c	581	(9.4)	c	c	c	c
	Germany	565	(6.4)	c	c	c	c	586	(5.6)	c	c	c	c
	Greece	520	(4.5)	c	c	c	c	537	(5.2)	c	c	c	c
	Hungary	552	(5.7)	c	c	c	c	577	(5.2)	c	c	c	c
	Iceland	506	(6.4)	c	c	c	c	535	(4.5)	c	c	c	c
	Ireland	530	(6.3)	c	c	c	c	552	(5.4)	c	c	494	(20.7)
	Israel	509	(7.1)	518	(16.8)	c	c	559	(5.7)	546	(12.3)	525	(16.2)
	Italy	547	(3.3)	527	(18.3)	507	(13.0)	549	(3.5)	518	(14.4)	474	(13.9)
	Japan	553	(8.6)	c	c	m	m	572	(6.9)	c	c	c	c
	Korea	566	(5.3)	m	m	m	m	581	(6.1)	m	m	m	m
	Luxembourg	545	(4.4)	512	(10.9)	547	(11.9)	544	(4.0)	540	(7.4)	566	(7.0)
	Mexico	489	(4.5)	c	c	c	c	493	(4.1)	c	c	c	c
	Netherlands	539	(8.0)	c	c	c	c	566	(8.0)	c	c	c	c
	New Zealand	545	(5.7)	c	c	537	(14.4)	577	(7.2)	599	(14.8)	558	(8.3)
	Norway	500	(5.6)	c	c	c	c	521	(5.8)	c	c	c	c
	Poland	510	(4.6)	m	m	m	m	555	(7.8)	m	m	m	m
	Portugal	540	(5.8)	c	c	c	c	558	(6.2)	c	c	c	c
	Slovak Republic	508	(5.0)	c	c	c	c	540	(5.3)	c	c	m	m
	Slovenia	538	(3.3)	c	c	c	c	562	(3.6)	c	c	c	c
	Spain	513	(4.3)	c	c	435	(15.8)	532	(5.0)	c	c	476	(10.3)
	Sweden	521	(7.7)	c	c	c	c	536	(6.7)	496	(17.3)	c	c
	Switzerland	551	(8.3)	540	(12.0)	c	c	572	(8.0)	554	(11.0)	554	(19.1)
	Turkey	530	(7.3)	c	c	c	c	552	(7.2)	c	c	c	c
United Kingdom	519	(6.0)	c	c	c	c	547	(6.3)	550	(18.3)	550	(18.7)	
United States	512	(5.7)	c	c	c	c	552	(9.3)	562	(23.0)	c	c	
	OECD average	526	(1.2)	522	(5.2)	516	(5.4)	551	(1.1)	543	(4.2)	535	(4.2)
Partners	Albania	437	(9.3)	m	m	m	m	442	(8.9)	m	m	c	c
	Argentina	476	(9.3)	c	c	m	m	487	(8.1)	c	c	c	c
	Azerbaijan	377	(7.8)	c	c	c	c	402	(8.5)	c	c	c	c
	Brazil	482	(4.5)	c	c	c	c	509	(8.1)	c	c	c	c
	Bulgaria	471	(12.2)	m	m	c	c	518	(8.9)	c	c	c	c
	Colombia	462	(9.2)	c	c	m	m	480	(8.2)	c	c	c	c
	Croatia	528	(6.2)	506	(13.4)	c	c	535	(7.8)	531	(14.6)	c	c
	Dubai (UAE)	c	c	518	(11.8)	540	(8.1)	458	(14.4)	520	(6.7)	545	(3.5)
	Hong Kong-China	573	(5.9)	595	(8.3)	c	c	571	(7.8)	c	c	c	c
	Indonesia	440	(7.9)	m	m	c	c	460	(9.4)	m	m	c	c
	Jordan	423	(8.0)	433	(13.8)	c	c	444	(7.8)	441	(21.5)	439	(9.5)
	Kazakhstan	364	(9.3)	c	c	c	c	418	(6.8)	457	(24.6)	412	(22.6)
	Kyrgyzstan	299	(6.4)	c	c	c	c	351	(7.5)	c	c	c	c
	Latvia	488	(5.2)	c	c	c	c	519	(5.4)	513	(9.0)	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	469	(5.3)	c	c	m	m	502	(4.9)	c	c	m	m
	Macao-China	498	(4.8)	497	(5.5)	496	(12.0)	497	(5.7)	502	(12.0)	507	(14.5)
	Montenegro	472	(3.1)	c	c	c	c	474	(5.5)	c	c	c	c
	Panama	453	(10.0)	c	c	c	c	483	(10.6)	c	c	c	c
	Peru	447	(6.7)	m	m	m	m	480	(9.7)	m	m	c	c
	Qatar	374	(8.6)	437	(12.2)	497	(7.5)	374	(5.2)	463	(6.4)	512	(4.2)
	Romania	461	(7.1)	m	m	c	c	475	(10.1)	m	m	c	c
	Russian Federation	453	(9.4)	c	c	c	c	480	(4.7)	456	(11.2)	444	(14.6)
	Serbia	490	(6.6)	c	c	496	(13.0)	498	(5.7)	510	(16.2)	c	c
	Shanghai-China	600	(6.2)	m	m	c	c	615	(4.7)	m	m	m	m
	Singapore	581	(5.1)	c	c	564	(20.3)	601	(3.8)	617	(16.4)	580	(10.2)
	Chinese Taipei	527	(7.4)	m	m	c	c	558	(7.4)	c	c	c	c
	Thailand	465	(5.7)	m	m	m	m	497	(6.7)	m	m	m	m
	Trinidad and Tobago	492	(4.2)	c	c	c	c	529	(5.4)	c	c	c	c
	Tunisia	449	(6.5)	c	c	m	m	471	(8.5)	m	m	c	c
	Uruguay	501	(4.9)	m	m	c	c	515	(5.4)	c	c	c	c

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary defined as MISCED = 3 or 4 and Tertiary defined as MISCED = 5 or 6.
Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 3/4]

Mean performance across mother's educational attainment by quartile of most disadvantaged schools measured as the proportion of students with low educated mothers (continued)
Table B5.10a Results based on students' self-reports

		Most disadvantaged quartile (25% of schools with the highest % of students with low educated mothers) in the country/economy											
		At best primary					Lower secondary						
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	c	c	479	(17.5)	c	c	454	(6.2)	507	(16.4)	c	c
	Austria	c	c	374	(14.4)	c	c	430	(16.3)	407	(16.0)	c	c
	Belgium	437	(11.1)	436	(13.2)	418	(14.0)	485	(10.3)	c	c	451	(29.7)
	Canada	458	(21.7)	499	(19.7)	484	(24.1)	496	(9.7)	522	(13.4)	c	c
	Chile	403	(5.9)	m	m	c	c	405	(5.4)	m	m	m	m
	Czech Republic	c	c	c	c	m	m	438	(10.6)	c	c	c	c
	Denmark	c	c	423	(8.5)	c	c	464	(9.1)	425	(6.6)	c	c
	Estonia	c	c	m	m	m	m	472	(10.0)	c	c	c	c
	Finland	484	(10.4)	c	c	c	c	501	(9.0)	c	c	c	c
	France	c	c	428	(20.8)	c	c	442	(13.4)	440	(13.5)	c	c
	Germany	c	c	c	c	c	c	439	(10.5)	c	c	c	c
	Greece	427	(13.3)	c	c	c	c	426	(11.4)	c	c	c	c
	Hungary	c	c	m	m	m	m	433	(7.4)	c	c	c	c
	Iceland	c	c	c	c	m	m	482	(5.7)	m	m	c	c
	Ireland	429	(12.3)	m	m	c	c	461	(6.3)	c	c	c	c
	Israel	379	(9.7)	c	c	c	c	395	(7.9)	c	c	c	c
	Italy	420	(7.1)	c	c	c	c	438	(5.0)	c	c	383	(17.1)
	Japan	m	m	m	m	m	m	461	(9.5)	c	c	c	c
	Korea	464	(13.6)	m	m	m	m	483	(10.1)	m	m	m	m
	Luxembourg	c	c	412	(6.8)	390	(11.0)	451	(10.1)	425	(9.2)	404	(11.3)
	Mexico	387	(4.7)	347	(17.0)	315	(16.2)	402	(3.8)	c	c	c	c
	Netherlands	454	(13.4)	445	(12.9)	c	c	470	(13.8)	471	(10.5)	c	c
	New Zealand	c	c	c	c	c	c	495	(11.7)	c	c	c	c
	Norway	c	c	c	c	c	c	494	(8.4)	c	c	c	c
	Poland	c	c	m	m	m	m	438	(7.3)	m	m	m	m
	Portugal	444	(7.0)	c	c	c	c	454	(7.0)	c	c	c	c
	Slovak Republic	c	c	m	m	m	m	405	(22.0)	m	m	c	c
	Slovenia	c	c	c	c	c	c	432	(4.2)	418	(19.8)	c	c
	Spain	445	(5.3)	412	(32.4)	375	(9.2)	452	(4.8)	c	c	411	(13.1)
	Sweden	c	c	c	c	c	c	452	(9.8)	c	c	c	c
	Switzerland	c	c	399	(10.5)	402	(13.0)	455	(7.2)	441	(6.2)	410	(10.6)
	Turkey	437	(5.0)	c	c	m	m	424	(7.7)	m	m	m	m
United Kingdom	418	(15.5)	c	c	c	c	448	(7.7)	c	c	c	c	
United States	c	c	462	(6.3)	447	(12.1)	440	(10.2)	455	(10.0)	444	(17.3)	
	OECD average	432	(2.9)	426	(4.8)	404	(5.6)	451	(1.7)	451	(4.1)	417	(7.2)
Partners	Albania	351	(10.4)	m	m	m	m	364	(9.2)	c	c	m	m
	Argentina	353	(7.6)	c	c	c	c	372	(14.0)	c	c	c	c
	Azerbaijan	320	(14.1)	c	c	m	m	348	(9.3)	c	c	c	c
	Brazil	389	(3.8)	c	c	c	c	401	(4.4)	c	c	c	c
	Bulgaria	308	(17.3)	m	m	m	m	360	(11.3)	m	m	m	m
	Colombia	384	(6.2)	c	c	c	c	396	(6.1)	c	c	m	m
	Croatia	c	c	c	c	c	c	420	(6.8)	420	(12.5)	c	c
	Dubai (UAE)	373	(5.8)	386	(10.1)	386	(15.6)	384	(6.4)	393	(16.1)	425	(11.7)
	Hong Kong-China	481	(7.6)	525	(9.5)	487	(9.9)	495	(8.8)	521	(9.5)	486	(9.3)
	Indonesia	376	(5.5)	m	m	c	c	369	(9.1)	m	m	c	c
	Jordan	378	(6.2)	c	c	c	c	389	(6.9)	c	c	c	c
	Kazakhstan	c	c	c	c	c	c	339	(17.6)	c	c	c	c
	Kyrgyzstan	c	c	m	m	m	m	274	(15.4)	c	c	c	c
	Latvia	c	c	m	m	m	m	458	(10.9)	c	c	m	m
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	m	m	431	(10.1)	m	m	m	m
	Macao-China	470	(6.4)	488	(3.5)	460	(8.4)	475	(8.0)	487	(4.1)	476	(7.7)
	Montenegro	337	(13.1)	m	m	m	m	345	(4.7)	c	c	c	c
	Panama	354	(13.5)	c	c	c	c	363	(21.4)	m	m	c	c
	Peru	313	(5.9)	m	m	c	c	333	(8.0)	m	m	c	c
	Qatar	334	(3.3)	345	(6.3)	348	(11.1)	335	(7.3)	358	(15.1)	c	c
	Romania	348	(11.2)	m	m	c	c	403	(13.7)	m	m	m	m
	Russian Federation	c	c	c	c	c	c	392	(17.9)	c	c	c	c
	Serbia	419	(25.3)	c	c	c	c	395	(8.4)	c	c	c	c
	Shanghai-China	492	(10.2)	c	c	c	c	517	(6.4)	c	c	c	c
	Singapore	469	(4.0)	c	c	c	c	472	(9.0)	c	c	c	c
	Chinese Taipei	450	(7.8)	c	c	c	c	451	(4.9)	c	c	c	c
	Thailand	400	(5.1)	m	m	m	m	401	(7.7)	m	m	m	m
	Trinidad and Tobago	374	(5.8)	c	c	c	c	396	(8.3)	m	m	c	c
	Tunisia	374	(6.1)	c	c	m	m	376	(10.9)	m	m	c	c
Uruguay	360	(4.7)	m	m	m	m	372	(5.9)	c	c	m	m	

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary defined as MISCED = 3 or 4 and Tertiary defined as MISCED = 5 or 6.
Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.



[Part 4/4]

Mean performance across mother's educational attainment by quartile of most disadvantaged schools measured as the proportion of students with low educated mothers (continued)
Table B5.10a Results based on students' self-reports

		Mean performance across mother's educational attainment by quartiles of school disadvantaged measured as the proportion of students with low educated mothers in the school											
		Most disadvantaged quartile (25% of schools with the highest % of students with low educated mothers) in the country/economy											
		Upper secondary						Tertiary					
		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	487	(4.7)	502	(12.3)	499	(19.0)	511	(6.5)	549	(28.4)	517	(20.7)
	Austria	456	(11.0)	421	(15.2)	354	(14.3)	463	(18.2)	455	(14.2)	c	c
	Belgium	479	(6.6)	429	(15.3)	442	(12.2)	491	(8.0)	431	(17.4)	448	(14.6)
	Canada	515	(4.2)	500	(11.7)	484	(19.0)	525	(4.0)	528	(10.4)	514	(8.8)
	Chile	425	(6.4)	m	m	m	m	421	(11.9)	m	m	m	m
	Czech Republic	457	(6.7)	c	c	c	c	456	(11.7)	c	c	c	c
	Denmark	494	(5.3)	438	(8.5)	c	c	511	(5.9)	448	(15.9)	435	(17.2)
	Estonia	501	(3.3)	c	c	c	c	516	(5.4)	c	c	c	c
	Finland	513	(6.3)	c	c	c	c	540	(5.1)	c	c	c	c
	France	461	(8.9)	448	(26.1)	c	c	475	(17.4)	392	(26.2)	c	c
	Germany	478	(6.7)	443	(15.9)	c	c	473	(15.9)	c	c	c	c
	Greece	438	(14.1)	c	c	410	(18.1)	459	(15.6)	c	c	c	c
	Hungary	448	(6.6)	c	c	c	c	438	(10.7)	c	c	c	c
	Iceland	488	(6.2)	m	m	c	c	509	(6.0)	c	c	c	c
	Ireland	487	(9.0)	c	c	c	c	499	(8.5)	c	c	486	(17.8)
	Israel	408	(7.9)	c	c	c	c	405	(10.7)	c	c	c	c
	Italy	443	(5.1)	c	c	388	(11.3)	426	(7.0)	c	c	389	(14.0)
	Japan	457	(9.3)	m	m	c	c	462	(8.8)	c	c	m	m
	Korea	498	(7.7)	m	m	m	m	500	(9.6)	m	m	m	m
	Luxembourg	461	(7.0)	423	(13.4)	403	(13.3)	450	(7.9)	412	(17.0)	396	(15.5)
	Mexico	413	(5.8)	c	c	c	c	397	(5.4)	c	c	c	c
	Netherlands	466	(8.1)	463	(14.9)	c	c	466	(9.1)	440	(17.9)	c	c
	New Zealand	510	(8.2)	495	(17.6)	474	(15.3)	526	(10.0)	c	c	529	(14.0)
	Norway	496	(5.8)	c	c	c	c	511	(3.6)	c	c	c	c
	Poland	481	(4.0)	m	m	m	m	528	(7.5)	m	m	m	m
	Portugal	473	(7.5)	c	c	c	c	474	(13.5)	c	c	c	c
	Slovak Republic	453	(7.6)	c	c	c	c	459	(9.6)	m	m	m	m
	Slovenia	439	(2.5)	433	(9.9)	c	c	436	(6.1)	c	c	c	c
	Spain	466	(5.4)	c	c	398	(17.2)	481	(5.6)	c	c	422	(18.4)
	Sweden	496	(7.6)	c	c	c	c	504	(6.0)	464	(15.9)	c	c
	Switzerland	482	(4.4)	436	(12.0)	415	(10.0)	471	(7.9)	432	(8.5)	428	(21.8)
	Turkey	455	(11.4)	m	m	m	m	c	c	m	m	m	m
	United Kingdom	481	(5.0)	494	(18.5)	431	(17.8)	497	(8.1)	471	(22.5)	470	(23.8)
United States	467	(8.1)	453	(8.1)	453	(12.4)	475	(7.0)	487	(12.1)	c	c	
	OECD average	470	(1.2)	455	(4.0)	429	(4.4)	477	(1.7)	459	(5.2)	457	(5.3)
Partners	Albania	362	(9.3)	c	c	m	m	344	(13.6)	m	m	m	m
	Argentina	368	(11.9)	c	c	c	c	387	(10.3)	c	c	c	c
	Azerbaijan	339	(7.9)	c	c	c	c	352	(6.1)	c	c	c	c
	Brazil	406	(8.8)	m	m	c	c	386	(9.8)	c	c	m	m
	Bulgaria	387	(9.5)	c	c	c	c	383	(14.9)	c	c	m	m
	Colombia	397	(8.1)	c	c	m	m	401	(8.3)	m	m	c	c
	Croatia	443	(4.8)	c	c	c	c	446	(7.0)	c	c	c	c
	Dubai (UAE)	394	(5.7)	398	(9.0)	420	(15.9)	400	(8.6)	419	(12.6)	431	(12.4)
	Hong Kong-China	499	(8.7)	519	(11.9)	491	(12.6)	c	c	c	c	c	c
	Indonesia	379	(11.7)	m	m	m	m	c	c	m	m	m	m
	Jordan	401	(7.2)	c	c	c	c	414	(14.0)	c	c	c	c
	Kazakhstan	346	(8.5)	c	c	c	c	379	(5.8)	392	(28.5)	350	(10.0)
	Kyrgyzstan	279	(7.7)	c	c	c	c	319	(10.2)	c	c	c	c
	Latvia	470	(4.6)	451	(13.1)	c	c	485	(6.1)	c	c	c	c
	Liechtenstein	c	c	m	m	c	c	c	c	c	c	c	c
	Lithuania	439	(6.4)	c	c	c	c	461	(7.2)	c	c	c	c
	Macao-China	481	(11.9)	486	(5.7)	500	(9.9)	c	c	c	c	c	c
	Montenegro	365	(3.4)	c	c	406	(14.3)	378	(7.1)	c	c	c	c
	Panama	381	(15.3)	c	c	c	c	367	(8.8)	c	c	c	c
	Peru	335	(7.6)	c	c	c	c	307	(13.8)	m	m	c	c
	Qatar	329	(3.6)	368	(6.3)	386	(12.1)	316	(5.5)	342	(10.6)	388	(12.2)
	Romania	395	(11.0)	c	c	m	m	380	(12.2)	c	c	c	c
	Russian Federation	402	(10.4)	c	c	c	c	451	(6.5)	410	(17.0)	421	(15.2)
	Serbia	418	(6.9)	c	c	c	c	404	(8.1)	c	c	c	c
	Shanghai-China	519	(8.0)	m	m	c	c	504	(10.6)	m	m	c	c
	Singapore	501	(3.8)	c	c	c	c	511	(7.3)	c	c	495	(13.4)
	Chinese Taipei	452	(6.8)	c	c	m	m	472	(6.4)	c	c	m	m
	Thailand	391	(8.2)	m	m	m	m	c	c	m	m	m	m
	Trinidad and Tobago	382	(4.6)	c	c	c	c	345	(10.8)	c	c	c	c
	Tunisia	351	(10.4)	m	m	m	m	c	c	m	m	m	m
Uruguay	378	(12.6)	c	c	m	m	379	(11.2)	m	m	c	c	

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary defined as MISCED = 3 or 4 and Tertiary defined as MISCED = 5 or 6.

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

[Part 1/2]

Mean performance across mother's educational attainment by quartile of least disadvantaged schools measured as the proportion of students with low educated mothers

Table B5.10b Results based on students' self-reports

	Least disadvantaged quartile (25% of schools with the lowest % of students with low educated mothers) in the country/economy																							
	At best primary						Lower secondary						Upper secondary						Tertiary					
	Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
Settlement	548	(4.6)	c	c	c	c	550	(21.6)	c	c	c	c	541	(24.0)	551	(6.6)	537	(7.1)	569	(16.9)	569	(23.3)	560	(6.8)
Germanic	c	c	515	(41.1)	c	c	531	(30.8)	501	(49.3)	c	c	541	(25.4)	519	(22.6)	526	(59.4)	560	(35.5)	547	(21.6)	561	(12.7)
Franco-Dutch	c	c	c	c	c	c	543	(14.3)	c	c	c	c	541	(6.5)	545	(6.6)	c	c	577	(2.9)	566	(16.8)	558	(10.0)
Nordic	c	c	m	m	c	c	c	c	c	c	c	c	519	(13.0)	512	(10.4)	c	c	537	(12.5)	505	(14.2)	489	(16.7)
Former Soviet Union	m	m	m	m	m	m	m	m	m	m	m	m	474	(61.1)	452	(87.4)	c	c	475	(49.6)	473	(33.0)	440	(57.6)
New migration	493	(34.9)	c	c	c	c	515	(20.1)	c	c	443	(26.4)	533	(5.9)	543	(37.5)	458	(21.8)	543	(8.9)	496	(19.3)	485	(14.5)
Anglo-American	m	m	c	c	c	c	c	m	m	m	m	516	(4.9)	533	(21.7)	c	c	540	(3.7)	558	(8.5)	573	(32.5)	
Mixed group	485	(25.9)	c	c	c	c	490	(12.3)	c	c	c	c	494	(13.8)	457	(6.3)	444	(4.7)	505	(18.0)	459	(6.1)	454	(7.0)
Former Yugoslavia	c	c	m	m	m	m	484	(29.2)	c	c	c	c	494	(23.5)	495	(38.0)	480	(34.9)	506	(23.7)	517	(10.4)	482	(47.6)
China group	523	(85.6)	520	(91.7)	c	c	520	(79.8)	507	(80.3)	530	(68.8)	553	(62.2)	536	(85.7)	527	(67.1)	545	(62.1)	520	(53.0)	534	(69.4)

[Part 2/2]

Mean performance across mother's educational attainment by quartile of least disadvantaged schools measured as the proportion of students with low educated mothers in the school (continued)

Table B5.10b Results based on students' self-reports

	Most disadvantaged quartile (25% of schools with the highest % of students with low educated mothers) in the country/economy																							
	At best primary						Lower secondary						Upper secondary						Tertiary					
	Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students		Non-immigrant students		Second-generation students		First-generation students	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
Settlement	442	(20.6)	462	(19.6)	445	(20.3)	456	(11.5)	500	(23.7)	472	(8.1)	482	(9.8)	492	(6.5)	481	(11.6)	499	(15.7)	528	(12.1)	512	(3.9)
Germanic	417	(53.7)	407	(12.9)	393	(16.8)	446	(11.1)	425	(15.3)	401	(7.4)	467	(13.3)	428	(18.2)	404	(57.9)	464	(19.4)	432	(22.4)	414	(48.6)
Franco-Dutch	431	(34.9)	439	(6.8)	411	(41.8)	458	(22.6)	452	(17.6)	441	(16.5)	469	(8.2)	448	(7.9)	439	(6.8)	479	(6.7)	422	(26.2)	447	(11.0)
Nordic	418	(11.2)	418	(9.6)	370	(19.1)	454	(15.0)	417	(8.6)	433	(8.8)	473	(31.7)	446	(15.4)	403	(18.3)	501	(19.4)	452	(24.1)	428	(5.7)
Former Soviet Union	c	c	c	c	c	c	423	(80.3)	c	c	c	c	449	(98.0)	428	(71.1)	377	(94.6)	448	(69.3)	437	(80.2)	382	(36.2)
New migration	437	(5.0)	393	(8.1)	383	(53.3)	447	(13.4)	459	(109.0)	404	(16.6)	468	(28.6)	434	(75.8)	404	(23.2)	477	(37.0)	c	c	460	(60.4)
Anglo-American	440	(36.8)	459	(12.6)	442	(11.8)	445	(6.3)	464	(20.7)	439	(14.4)	474	(9.5)	463	(23.5)	446	(13.9)	487	(14.6)	479	(12.1)	475	(10.1)
Mixed group	405	(45.5)	367	(11.4)	c	c	414	(26.2)	c	c	c	c	423	(27.3)	418	(16.3)	401	(30.8)	426	(35.6)	385	(39.4)	370	(80.1)
Former Yugoslavia	385	(63.9)	c	c	c	c	389	(41.7)	421	(28.0)	c	c	405	(45.1)	434	(7.3)	409	(6.9)	413	(24.1)	415	(11.6)	398	(57.8)
China group	477	(9.2)	499	(32.8)	479	(22.3)	488	(17.1)	496	(30.3)	481	(8.5)	496	(13.8)	498	(28.8)	494	(8.8)	c	c	495	(61.4)	c	c

Note: At best primary is defined as MISCED = 0 or 1; Lower secondary is defined as MISCED = 2, Upper secondary defined as MISCED = 3 or 4 and Tertiary defined as MISCED = 5 or 6.

The country groupings are the following: Germanic (Austria, Germany, Luxembourg, Switzerland), Anglo-American (United Kingdom, United States), Franco-Dutch (Belgium, France, Netherlands), Nordic (Denmark, Norway, Slovenia, Sweden), China group (Hong Kong-China, Macao-China), Former Soviet Union (Estonia, Kazakhstan, Latvia, Russian Federation), Former Yugoslavia (Croatia, Montenegro, Serbia), Mixed group (Argentina, Greece, Jordan, Portugal), New migration (Ireland, Italy, Spain), Settlement (Australia, Canada, Israel, New Zealand, Singapore)

Source: PISA 2009 Database.

Please refer to the Reader's Guide for information concerning the symbols replacing missing data.

Table B6.1 Distribution of students by PISA reading performance level

	All students	First-generation students	Second-generation students	Non-immigrant students
	%	%	%	%
Canada				
Low (Level 2 or lower)	26	38	23	26
Medium (Level 3)	27	22	30	27
High (Level 4 and 5)	47	41	47	47
Switzerland				
Low (level 2 or lower)	44	78	61	31
Medium (level 3)	30	14	23	34
High (level 4 and 5)	27	8	16	35

Note: First-generation refers to foreign born students; second-generation refers to domestic-born students with two foreign born parents.

Source: Canadian Youth in Transition Survey and Swiss Transition from Education to Employment Survey. See Picot and Hou (2012).

**Distribution of immigrant students
(first- and second-generation
combined) by source region**

Source region	Immigrant students
	%
In Canada	
China	14.3
India	9.8
Other East, South East Asian	19.7
United States	4.4
Central/South America	13.0
United Kingdom	8.9
Northern/Western Europe	3.9
Other Europe	18.4
Africa and others	7.6
In Switzerland	
Austria, Germany	3.1
Belgium, France	5.1
Italy	17.5
Portugal	9.0
Spain	3.8
Former Yugoslavia	15.6
Albania or Kosovo	13.5
Turkey	9.8
Others	21.6

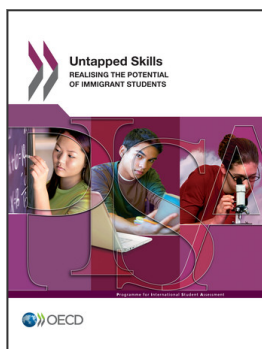
Source: Swiss Transition from Education to Employment Survey and Canadian Youth in Transition Survey. See Picot and Hou (2012).

Table B6.3 Differences in the likelihood of pursuing a post-secondary education between immigrant students and third-and-higher generation students, by source region

Source region	Coefficients from regression models showing difference in the proportion of attending post-secondary education							
	Low performing students				All students			
	Model 1	Model 2	Model 3	% of gap accounted for in model 3	Model 1	Model 2	Model 3	% of gap accounted for in model 3
	Coef.	Coef.	Coef.	%	Coef.	Coef.	Coef.	%
In Canada								
China	0.34	0.30	0.24	28	0.28	0.20	0.16	45
India	0.08	-0.01	-0.04		0.19	0.09	0.04	80
Other East, Southeast Asia	0.33	0.29	0.26	22	0.20	0.19	0.15	25
Other Asia	0.34	0.36	0.33	3	0.25	0.25	0.20	20
United Kingdom	0.26	0.20	0.20	21	0.09	0.05	0.05	46
United States	-0.17	-0.06	-0.10	45	-0.05	-0.06	-0.05	
Caribbean, Central and South America	-0.03	-0.04	-0.07		-0.01	0.03	0.01	
Northern, Western Europe	0.21	0.28	0.22		0.07	0.01	0.02	70
Other Europe	0.15	0.13	0.12	22	0.17	0.14	0.12	27
Africa and others	0.07	0.02	-0.00	101	0.19	0.14	0.10	50
In Switzerland								
Germany, Austria, France, Belgium	-0.00	-0.02	-0.05		0.21	0.19	0.18	13
Italy	-0.12	-0.09	-0.14		-0.14	0.03	-0.02	88
Spain and Portugal	-0.06	-0.03	-0.11		-0.21	-0.07	-0.11	48
Former Yugoslavia, Kosovo, Albania	-0.06	-0.00	-0.02	57	-0.20	0.05	0.02	111
Turkey	-0.05	0.01	-0.01	72	-0.20	0.04	-0.01	94
Other countries	-0.09	-0.05	-0.09	3	-0.13	-0.02	-0.03	79

Note: Values that are statistically significant at $p \leq 0.05$ are indicated in bold.

Source: Swiss Transition from Education to Employment Survey and Canadian Youth in Transition Survey. See Picot and Hou (2012).



From:
Untapped Skills
Realising the Potential of Immigrant Students

Access the complete publication at:
<https://doi.org/10.1787/9789264172470-en>

Please cite this chapter as:

OECD (2012), "Data Tables on Immigrant Students", in *Untapped Skills: Realising the Potential of Immigrant Students*, OECD Publishing, Paris.

DOI: <https://doi.org/10.1787/9789264172470-11-en>

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