

Students from Immigrant Backgrounds

Table 12: INTERNATIONAL STUDENTS ASSESSMENT: ESCS INDEX AND DIFFERENCE IN SCIENCE PERFORMANCE

	Percentage of students with an immigrant background*		PISA index of economic, social and cultural status (ESCS)**			Difference in science performance	
	Second-generation students (born in the country of assessment but whose parents were born in another country)	First-generation students (born in another country and whose parents were born in another country)	Students with an immigrant background (mean score)	Native students (mean score)	Difference in the ESCS between students with an immigrant background and native students	... between students with an immigrant background and native students	... between students who do not speak the language of assessment at home and students who do
Albania							
Andorra							
Armenia							
Austria	5.3	7.9	-0.63	0.09	-0.6	-90	-94
Azerbaijan	1.4	1.1	c	-0.01	c	c	c
Belarus							
Belgium	7	6.3	-0.6	0.09	-0.63	-86	-97
Bosnia and Herzegovina							
Bulgaria	0.1	0.1	c	0	c	c	-94
Croatia	4.8	7.2	-0.36	0.05	-0.36	-19	c
Cyprus							
Czech Republic	0.7	1.2	c	0.01	c	-60	c
Denmark	4.2	3.4	-0.93	0.07	-0.9	-87	-87
Estonia	10.5	1.1	-0.07	0.01	-0.06	-33	c
Finland	0.2	1.3	c	0.01	c	c	c
France	9.6	3.4	-0.59	0.09	-0.58	-53	-43
Georgia							
Germany	7.7	6.6	-0.67	0.11	-0.73	-85	-90
Greece	1.2	6.4	-0.46	0.04	-0.48	-44	-79
Hungary	0.4	1.3	c	0	c	c	c
Iceland	0.4	1.4	c	0.01	c	c	c
Ireland	1.1	4.5	0.12	-0.01	-0.11	-11	c
Italy	0.7	3.1	-0.44	0.02	-0.45	-58	c
Latvia	6.6	0.5	0.1	-0.01	-0.1	-3	c
Liechtenstein	13.1	23.6	c	c	-0.27	-47	-102
Lithuania	1.7	0.4	c	0	c	c	c
Luxembourg	19.5	16.6	-0.53	0.3	-0.92	-67	-84
Macedonia, FYR							
Malta							
Moldova							
Monaco							
Montenegro	1.8	5.4	0.18	-0.01	0.18	17	c
Netherlands	7.8	3.5	-0.81	0.1	-0.81	-75	-82
Norway	3	3.1	-0.69	0.04	-0.55	-59	-50
Poland	0.1	0.1	c	0	c	c	c
Portugal	2.4	3.5	0.04	0	0.05	-55	c
Romania	a	0.1	c	0	c	c	c
Russian Federation	4	4.8	-0.05	0.01	-0.05	-14	-58
San Marino							
Serbia	3.2	5.9	-0.06	0.01	-0.06	9	c
Slovak Republic	0.3	0.1	c	0	c	c	c
Slovenia	8.5	1.8	-0.63	0.07	-0.61	-56	-75
Spain	0.8	6.1	-0.25	0.02	-0.29	-60	c
Sweden	6.2	4.7	-0.44	0.05	-0.39	-61	-67
Switzerland	11.8	10.6	-0.45	0.13	-0.51	-81	-90
Turkey	0.8	0.6	c	-0.01	c	c	c
Ukraine							
United Kingdom	5	3.7	-0.25	0.02	-0.22	-33	-54

See next page for notes.

NOTES:

Values that are statistically significant are indicated in bold

a: The category does not apply in the country concerned. Data are therefore missing.

c: There are too few observations to provide reliable estimates (i.e., there are fewer than 30 students or less than 3% of students for this cell or too few schools for valid inferences).

*Results based on students' self-reports

**ESCS: The Programme for International Student Assessment (PISA) index of economic, social and cultural status was created on the basis of the following variables: the International Socio-Economic Index of Occupational Status (ISEI); the highest level of education of the student's parents, converted into years of schooling; the PISA index of family wealth; the PISA index of home educational resources; and the PISA index of possessions related to 'classical' culture in the family home. Positive values indicate more favourable characteristics.

TABLE 13: INTERNATIONAL STUDENTS ASSESSMENT: READING PERFORMANCE AND MATHEMATICS PERFORMANCE

	Difference in reading performance			Difference in mathematics performance		
	Second-generation minus native students	First-generation students minus native students	First-generation students minus second-generation students	Second-generation minus native students	First-generation students minus native students	First-generation students minus second-generation students
Albania						
Andorra						
Armenia						
Austria	-79	-48	31	-81	-65	16
Azerbaijan	c	c	c	c	c	c
Belarus						
Belgium	-81	-101	-21	-84	-112	-29
Bosnia and Herzegovina						
Bulgaria	c	c	c	c	c	c
Croatia	-16	-16	0	-6	-19	-13
Cyprus						
Czech Republic	c	c	c	c	c	c
Denmark	-64	-79	-14	-63	-80	-17
Estonia	-45	-87	-42	-23	c	c
Finland	c	c	c	c	c	c
France	-36	-45	-9	-47	-62	-15
Georgia						
Germany	-83	-70	12	-78	-65	13
Greece	c	-37	c	c	-45	c
Hungary	c	c	c	c	c	c
Iceland	c	c	c	c	c	c
Ireland	c	-14	c	c	-19	c
Italy	c	-69	c	c	-44	c
Latvia	-19	c	c	1	c	c
Liechtenstein	-21	-67	-46	-25	-52	-27
Lithuania	c	c	c	c	c	c
Luxembourg	-61	-69	-7	-46	-55	-10
Macedonia, FYR						
Malta						
Moldova						
Monaco						
Montenegro	c	21	c	c	20	c
Netherlands	-61	-65	-5	-66	-58	9
Norway	c	-63	c	c	-58	c
Poland	c	c	c	c	c	c
Portugal	c	-69	c	c	-59	c
Romania	a	c	a	a	c	a
Russian Federation	-10	-4	6	-31	-14	17
San Marino						
Serbia	11	12	1	22	11	-11
Slovak Republic	c	c	c	c	c	c
Slovenia	-31	c	c	-36	c	c
Spain	c	-55	c	c	-59	c
Sweden	-29	-68	-40	-42	-64	-21
Switzerland	-48	-85	-37	-62	-88	-26
Turkey	c	c	c	c	c	c
Ukraine						
United Kingdom	-7	-44	-37	-25	-25	0

Source: OECD – PISA 2006

NOTE: Values that are statistically significant are indicated in bold