



Annex B

TABLES OF RESULTS

All tables in Annex B are available [on line](#)

Annex B1: Results for countries and economies

Annex B2: Results for regions within countries

Adjudicated regions

Data for which adherence to the PISA sampling standards and international comparability was internationally adjudicated.

Non-adjudicated regions

Data for which adherence to the PISA sampling standards at subnational levels was assessed by the countries concerned.

In these countries, adherence to the PISA sampling standards and international comparability was internationally adjudicated only for the combined set of all subnational entities.

Note: Unless otherwise specified, all the data contained in the following tables are drawn from the OECD PISA Database.

ANNEX B1 RESULTS FOR COUNTRIES AND ECONOMIES

[Part 1/1]

The PISA index of economic, social and cultural status (ESCS), mean score and variation in reading performance

Table II.1.1 Mean score and percentiles on the reading scale

	PISA index of economic, social and cultural status		Percentiles															
	Mean index	S.E.	Mean score		5th		10th		25th		50th		75th		90th		95th	
			Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD																		
Australia	0.34	(0.01)	515	(2.3)	343	(3.8)	384	(3.1)	450	(2.9)	521	(2.4)	584	(2.7)	638	(3.2)	668	(3.9)
Austria	0.06	(0.02)	470	(2.9)	299	(5.2)	334	(6.1)	399	(4.3)	476	(3.8)	545	(3.3)	596	(3.4)	625	(4.3)
Belgium	0.20	(0.02)	506	(2.3)	326	(6.1)	368	(4.3)	436	(3.8)	516	(2.9)	583	(2.2)	631	(2.7)	657	(2.9)
Canada	0.50	(0.02)	524	(1.5)	368	(2.9)	406	(2.7)	464	(1.9)	529	(1.8)	588	(1.7)	637	(1.9)	664	(2.1)
Chile	-0.57	(0.04)	449	(3.1)	310	(5.1)	342	(5.0)	393	(4.1)	451	(3.4)	506	(3.3)	556	(3.6)	584	(5.1)
Czech Republic	-0.09	(0.01)	478	(2.9)	325	(4.8)	357	(4.9)	413	(4.2)	479	(3.3)	545	(3.3)	598	(3.2)	627	(3.6)
Denmark	0.30	(0.02)	495	(2.1)	350	(3.8)	383	(3.7)	440	(2.9)	500	(2.3)	554	(2.8)	599	(3.0)	624	(2.9)
Estonia	0.15	(0.02)	501	(2.6)	359	(5.3)	392	(4.4)	446	(3.3)	504	(2.9)	559	(2.8)	605	(3.6)	633	(4.1)
Finland	0.37	(0.02)	536	(2.3)	382	(3.4)	419	(3.6)	481	(2.7)	542	(2.9)	597	(2.2)	642	(2.6)	666	(2.6)
France	-0.13	(0.03)	496	(3.4)	305	(8.2)	352	(7.0)	429	(4.7)	505	(3.8)	572	(4.0)	624	(3.9)	651	(4.6)
Germany	0.18	(0.02)	497	(2.7)	333	(4.8)	367	(5.1)	432	(4.5)	505	(3.3)	567	(2.8)	615	(3.2)	640	(3.1)
Greece	-0.02	(0.03)	483	(4.3)	318	(7.8)	355	(8.0)	420	(6.3)	488	(4.4)	550	(3.1)	601	(3.7)	630	(3.7)
Hungary	-0.20	(0.03)	494	(3.2)	332	(7.4)	371	(6.9)	435	(4.3)	501	(3.5)	559	(3.6)	607	(3.5)	632	(4.0)
Iceland	0.72	(0.01)	500	(1.4)	331	(4.9)	371	(4.1)	439	(2.9)	507	(1.8)	567	(2.0)	619	(2.6)	648	(3.9)
Ireland	0.05	(0.03)	496	(3.0)	330	(7.8)	373	(4.7)	435	(3.9)	503	(3.5)	562	(2.8)	611	(2.8)	638	(3.2)
Israel	-0.02	(0.03)	474	(3.6)	277	(8.8)	322	(7.8)	401	(4.4)	483	(3.9)	554	(3.4)	611	(4.0)	643	(4.3)
Italy	-0.12	(0.01)	486	(1.6)	320	(3.7)	358	(2.6)	422	(2.3)	493	(2.0)	556	(1.7)	604	(1.7)	631	(2.1)
Japan	-0.01	(0.01)	520	(3.5)	339	(9.8)	386	(7.1)	459	(4.8)	530	(3.2)	590	(3.0)	639	(3.6)	667	(4.6)
Korea	-0.15	(0.03)	539	(3.5)	400	(7.6)	435	(5.9)	490	(4.1)	545	(3.7)	595	(3.4)	635	(3.0)	658	(3.8)
Luxembourg	0.19	(0.01)	472	(1.3)	288	(3.6)	332	(3.5)	403	(2.4)	480	(1.8)	547	(1.7)	600	(2.0)	630	(3.7)
Mexico	-1.22	(0.03)	425	(2.0)	281	(3.9)	314	(2.9)	370	(2.4)	429	(2.1)	485	(1.9)	531	(2.2)	557	(2.4)
Netherlands	0.27	(0.03)	508	(5.1)	365	(4.7)	390	(5.0)	442	(6.1)	510	(7.0)	575	(5.4)	625	(4.6)	650	(4.0)
New Zealand	0.09	(0.02)	521	(2.4)	344	(5.8)	383	(4.5)	452	(3.1)	528	(3.0)	595	(2.8)	649	(2.7)	678	(3.7)
Norway	0.47	(0.02)	503	(2.6)	346	(4.5)	382	(4.0)	443	(3.6)	507	(3.0)	568	(2.9)	619	(3.9)	647	(4.4)
Poland	-0.28	(0.02)	500	(2.6)	346	(5.6)	382	(4.2)	441	(3.4)	504	(2.7)	565	(3.2)	613	(3.3)	640	(3.6)
Portugal	-0.32	(0.04)	489	(3.1)	338	(4.8)	373	(4.9)	432	(4.4)	493	(3.6)	551	(3.4)	599	(3.5)	624	(3.6)
Slovak Republic	-0.09	(0.02)	477	(2.5)	324	(6.1)	358	(5.2)	416	(4.1)	480	(3.3)	543	(2.7)	594	(3.2)	621	(4.3)
Slovenia	0.07	(0.01)	483	(1.0)	326	(2.9)	359	(2.1)	421	(1.9)	488	(1.8)	550	(1.7)	598	(2.9)	623	(3.9)
Spain	-0.31	(0.03)	481	(2.0)	326	(4.2)	364	(3.5)	426	(3.3)	488	(2.5)	543	(2.0)	588	(2.0)	613	(2.4)
Sweden	0.33	(0.02)	497	(2.9)	326	(5.3)	368	(5.5)	437	(3.3)	502	(2.8)	565	(3.2)	620	(3.7)	651	(3.9)
Switzerland	0.08	(0.02)	501	(2.4)	337	(4.1)	374	(4.0)	437	(3.6)	506	(2.6)	569	(3.0)	617	(3.3)	645	(4.4)
Turkey	-1.16	(0.05)	464	(3.5)	325	(5.1)	356	(4.3)	409	(3.8)	466	(3.6)	522	(4.5)	569	(5.2)	596	(5.4)
United Kingdom	0.20	(0.02)	494	(2.3)	334	(4.1)	370	(3.1)	430	(2.8)	497	(3.0)	561	(3.2)	616	(2.6)	646	(3.7)
United States	0.17	(0.04)	500	(3.7)	339	(4.2)	372	(3.9)	433	(4.0)	501	(4.2)	569	(4.6)	625	(5.0)	656	(5.8)
OECD average	0.00	(0.00)	493	(0.5)	332	(1.0)	369	(0.8)	432	(0.7)	499	(0.6)	560	(0.5)	610	(0.6)	637	(0.7)
Partners																		
Albania	-0.95	(0.04)	385	(4.0)	212	(6.9)	254	(5.4)	319	(4.9)	389	(4.8)	458	(4.8)	509	(4.9)	538	(5.5)
Argentina	-0.62	(0.05)	398	(4.6)	209	(11.3)	257	(8.3)	329	(5.8)	403	(5.3)	473	(6.3)	535	(7.1)	568	(6.7)
Azerbaijan	-0.64	(0.03)	362	(3.3)	235	(5.7)	263	(4.7)	311	(4.3)	363	(3.7)	413	(4.0)	458	(4.4)	485	(6.2)
Brazil	-1.16	(0.03)	412	(2.7)	262	(3.0)	293	(3.2)	348	(2.7)	409	(3.2)	474	(3.9)	537	(4.2)	572	(4.6)
Bulgaria	-0.11	(0.04)	429	(6.7)	234	(8.4)	276	(7.8)	351	(8.5)	436	(8.5)	512	(6.5)	572	(7.3)	603	(6.7)
Colombia	-1.15	(0.05)	413	(3.7)	269	(6.4)	302	(5.2)	355	(4.4)	414	(4.3)	473	(3.9)	524	(4.1)	554	(4.0)
Croatia	-0.18	(0.02)	476	(2.9)	327	(4.9)	359	(3.6)	416	(4.5)	481	(3.5)	539	(3.1)	586	(3.5)	611	(3.8)
Dubai (UAE)	0.42	(0.01)	459	(1.1)	277	(3.4)	317	(2.8)	386	(2.4)	463	(1.5)	536	(2.4)	596	(2.7)	628	(3.1)
Hong Kong-China	-0.80	(0.04)	533	(2.1)	380	(5.5)	418	(4.5)	482	(3.0)	541	(2.3)	592	(2.5)	634	(2.9)	659	(3.1)
Indonesia	-1.55	(0.06)	402	(3.7)	291	(5.8)	315	(5.0)	357	(4.1)	402	(3.6)	447	(4.6)	487	(5.0)	510	(5.8)
Jordan	-0.57	(0.03)	405	(3.3)	243	(6.6)	284	(5.0)	350	(4.1)	412	(3.8)	468	(3.5)	515	(3.9)	542	(4.7)
Kazakhstan	-0.51	(0.03)	390	(3.1)	245	(3.8)	275	(3.8)	327	(3.1)	387	(3.8)	452	(4.2)	513	(5.0)	545	(5.2)
Kyrgyzstan	-0.65	(0.03)	314	(3.2)	155	(5.6)	190	(4.7)	249	(4.1)	312	(2.9)	377	(4.2)	441	(6.4)	483	(7.5)
Latvia	-0.13	(0.03)	484	(3.0)	348	(6.3)	379	(4.2)	429	(3.8)	488	(3.7)	541	(3.3)	584	(3.2)	610	(4.3)
Liechtenstein	0.09	(0.05)	499	(2.8)	355	(12.1)	385	(10.6)	442	(6.5)	508	(5.5)	560	(4.5)	600	(8.4)	626	(11.8)
Lithuania	-0.05	(0.02)	468	(2.4)	324	(4.5)	353	(4.1)	409	(3.3)	471	(2.5)	530	(3.1)	580	(3.4)	608	(4.1)
Macao-China	-0.70	(0.01)	487	(0.9)	357	(2.7)	388	(1.8)	437	(1.4)	489	(1.2)	540	(1.4)	582	(1.8)	608	(1.8)
Montenegro	-0.24	(0.02)	408	(1.7)	254	(4.2)	288	(3.8)	345	(2.6)	409	(2.5)	473	(2.4)	526	(2.7)	558	(4.1)
Panama	-0.81	(0.08)	371	(6.5)	209	(12.0)	246	(10.0)	304	(7.4)	368	(7.2)	436	(7.7)	502	(9.3)	540	(10.0)
Peru	-1.31	(0.05)	370	(4.0)	209	(5.0)	241	(3.9)	302	(4.3)	370	(4.2)	437	(5.2)	496	(6.4)	530	(7.0)
Qatar	0.51	(0.01)	372	(0.8)	196	(2.4)	228	(2.2)	288	(1.4)	365	(1.6)	450	(1.4)	529	(2.1)	573	(2.8)
Romania	-0.34	(0.03)	424	(4.1)	271	(6.9)	304	(5.7)	365	(6.0)	429	(4.7)	488	(4.7)	537	(4.0)	564	(4.6)
Russian Federation	-0.21	(0.02)	459	(3.3)	310	(5.8)	344	(5.5)	401	(3.6)	461	(3.3)	519	(3.2)	572	(4.5)	607	(5.6)
Serbia	0.07	(0.02)	442	(2.4)	299	(4.9)	331	(3.8)	388	(3.2)	446	(2.9)	501	(2.5)	547	(2.7)	572	(3.3)
Shanghai-China	-0.49	(0.04)	556	(2.4)	417	(5.2)	450	(4.8)	504	(3.5)	562	(2.8)	613	(2.8)	654	(2.7)	679	(3.3)
Singapore	-0.43	(0.01)	526	(1.1)	357	(3.4)	394	(3.1)	460	(2.0)	532	(2.1)	597	(2.1)	648	(2.8)	676	(2.7)
Chinese Taipei	-0.33	(0.02)	495	(2.6)	343	(4.6)	380	(3.9)	439	(3.2)	502	(2.7)	555	(2.9)	600	(4.6)	627	(6.3)
Thailand	-1.31	(0.04)	421	(2.6)	305	(4.9)	331	(3.8)	373	(3.2)	420	(3.0)	469	(2.6)	514	(4.0)	542	(5.5)
Trinidad and Tobago	-0.58	(0.02)	416	(1.2)	220	(5.8)	265	(3.9)	339	(2.5)	423	(2.0)	496	(2.3)	559	(2.5)	594	(3.0)
Tunisia	-1.20	(0.05)	404	(2.9)	258	(4.4)	293	(3.8)	348	(3.4)	407	(3.2)	462	(3.4)				



[Part 1/1]

Strength of the relationship among student performance and socio-economic background and Gini Index
Table II.1.2 *Results based on students' self-reports*

	Strength of the relationship between student performance and the PISA index of economic, social and cultural status (ESCS) ¹		Gini Index	Slope of the socio-economic gradient ^{1,2}		Length of the projection of the gradient line					
	Percentage of explained variance in student performance	S.E.		Score point difference associated with one unit increase in the ESCS	S.E.	5th percentile of the ESCS		95th percentile of the ESCS		Difference between 95th and 5th percentile of the ESCS	S.E.
						S.E.	S.E.				
OECD											
Australia	12.7	(0.85)	0.30	46	(1.8)	-0.87	(0.02)	1.51	(0.01)	2.38	(0.02)
Austria	16.6	(1.39)	0.27	48	(2.3)	-1.23	(0.04)	1.49	(0.04)	2.73	(0.06)
Belgium	19.3	(1.01)	0.27	47	(1.5)	-1.29	(0.03)	1.64	(0.04)	2.93	(0.06)
Canada	8.6	(0.74)	0.32	32	(1.4)	-0.88	(0.03)	1.76	(0.02)	2.63	(0.04)
Chile	18.7	(1.56)	0.54	31	(1.5)	-2.37	(0.04)	1.36	(0.04)	3.73	(0.05)
Czech Republic	12.4	(1.09)	0.27	46	(2.3)	-1.17	(0.02)	1.13	(0.02)	2.30	(0.03)
Denmark	14.5	(1.02)	0.23	36	(1.4)	-1.14	(0.02)	1.67	(0.02)	2.81	(0.03)
Estonia	7.6	(1.11)	0.36	29	(2.3)	-1.10	(0.04)	1.43	(0.03)	2.53	(0.04)
Finland	7.8	(0.82)	0.27	31	(1.7)	-0.91	(0.04)	1.54	(0.04)	2.45	(0.05)
France	16.7	(1.97)	0.27	51	(2.9)	-1.50	(0.03)	1.25	(0.06)	2.74	(0.06)
Germany	17.9	(1.29)	0.30	44	(1.9)	-1.24	(0.04)	1.70	(0.03)	2.94	(0.04)
Greece	12.5	(1.43)	0.32	34	(2.4)	-1.63	(0.04)	1.58	(0.02)	3.21	(0.04)
Hungary	26.0	(2.17)	0.29	48	(2.2)	-1.71	(0.06)	1.43	(0.03)	3.14	(0.06)
Iceland	6.2	(0.81)	0.28	27	(1.8)	-0.83	(0.03)	2.06	(0.02)	2.88	(0.04)
Ireland	12.6	(1.17)	0.33	39	(2.0)	-1.28	(0.03)	1.44	(0.04)	2.72	(0.04)
Israel	12.5	(1.14)	0.39	43	(2.4)	-1.53	(0.05)	1.22	(0.03)	2.75	(0.06)
Italy	11.8	(0.74)	0.35	32	(1.3)	-1.70	(0.02)	1.62	(0.03)	3.32	(0.04)
Japan	8.6	(0.96)	0.32	40	(2.8)	-1.16	(0.02)	1.16	(0.01)	2.32	(0.02)
Korea	11.0	(1.51)	0.31	32	(2.5)	-1.53	(0.03)	1.18	(0.04)	2.71	(0.05)
Luxembourg	18.0	(1.06)	0.26	40	(1.3)	-1.82	(0.03)	1.81	(0.04)	3.63	(0.05)
Mexico	14.5	(0.99)	0.47	25	(1.0)	-3.18	(0.03)	1.00	(0.06)	4.18	(0.06)
Netherlands	12.8	(1.20)	0.27	37	(1.9)	-1.12	(0.09)	1.54	(0.02)	2.66	(0.08)
New Zealand	16.6	(1.08)	0.34	52	(1.9)	-1.20	(0.02)	1.33	(0.02)	2.53	(0.03)
Norway	8.6	(0.96)	0.28	36	(2.1)	-0.72	(0.02)	1.64	(0.02)	2.36	(0.03)
Poland	14.8	(1.38)	0.37	39	(1.9)	-1.50	(0.03)	1.35	(0.02)	2.86	(0.03)
Portugal	16.5	(1.60)	0.38	30	(1.6)	-1.98	(0.03)	1.81	(0.03)	3.79	(0.04)
Slovak Republic ⁵	14.6	(1.48)	0.26	41	(2.3)	-1.24	(0.03)	1.46	(0.04)	2.70	(0.05)
Slovenia	14.3	(1.06)	0.30	39	(1.5)	-1.25	(0.02)	1.53	(0.02)	2.78	(0.03)
Spain	13.6	(1.30)	0.32	29	(1.5)	-2.04	(0.04)	1.54	(0.03)	3.58	(0.04)
Sweden	13.4	(1.33)	0.23	43	(2.2)	-1.01	(0.04)	1.55	(0.04)	2.57	(0.05)
Switzerland	14.1	(1.38)	0.28	40	(2.1)	-1.38	(0.03)	1.52	(0.03)	2.90	(0.03)
Turkey	19.0	(1.91)	0.43	29	(1.5)	-2.99	(0.04)	1.03	(0.07)	4.02	(0.07)
United Kingdom	13.7	(1.03)	0.34	44	(1.9)	-1.05	(0.04)	1.48	(0.02)	2.52	(0.04)
United States	16.8	(1.65)	0.38	42	(2.3)	-1.40	(0.08)	1.61	(0.03)	3.01	(0.08)
OECD average	14.0	(0.22)	0.31	38	(0.3)	-1.44	(0.01)	1.48	(0.01)	2.92	(0.01)
Partners											
Albania	10.7	(1.79)	0.31	31	(2.6)	-2.61	(0.05)	0.84	(0.05)	3.44	(0.06)
Argentina	19.6	(2.23)	0.51	40	(2.3)	-2.54	(0.06)	1.36	(0.05)	3.90	(0.08)
Azerbaijan	7.4	(1.57)	0.27	21	(2.3)	-2.17	(0.03)	1.01	(0.04)	3.18	(0.04)
Brazil	13.0	(1.27)	0.57	28	(1.4)	-3.05	(0.03)	0.89	(0.06)	3.94	(0.06)
Bulgaria	20.2	(2.19)	0.32	51	(2.8)	-1.59	(0.09)	1.49	(0.04)	3.08	(0.09)
Colombia	16.6	(1.90)	0.58	28	(1.8)	-3.21	(0.05)	0.95	(0.06)	4.15	(0.07)
Croatia	11.0	(1.34)	0.30	32	(2.0)	-1.61	(0.04)	1.43	(0.04)	3.04	(0.06)
Dubai (UAE)	14.2	(0.80)	m	51	(1.4)	-1.11	(0.04)	1.50	(0.02)	2.61	(0.04)
Hong Kong-China ⁵	4.5	(1.08)	0.43	17	(2.2)	-2.42	(0.04)	1.00	(0.07)	3.42	(0.08)
Indonesia	7.8	(2.23)	0.38	17	(2.4)	-3.11	(0.03)	0.43	(0.06)	3.55	(0.06)
Jordan	7.9	(1.35)	0.38	24	(2.1)	-2.23	(0.06)	1.07	(0.04)	3.30	(0.07)
Kazakhstan	12.0	(1.73)	0.33	38	(2.8)	-1.79	(0.06)	0.87	(0.05)	2.66	(0.06)
Kyrgyzstan	14.6	(1.83)	0.33	40	(2.9)	-2.13	(0.02)	0.89	(0.05)	3.02	(0.05)
Latvia	10.3	(1.69)	0.36	29	(2.6)	-1.47	(0.03)	1.29	(0.03)	2.75	(0.03)
Liechtenstein	8.4	(2.89)	m	26	(5.0)	-1.42	(0.13)	1.51	(0.06)	2.93	(0.13)
Lithuania	13.6	(1.44)	0.33	33	(1.9)	-1.52	(0.03)	1.47	(0.01)	2.99	(0.03)
Macao-China ³	1.8	(0.35)	0.37	12	(1.2)	-2.09	(0.02)	0.83	(0.04)	2.92	(0.04)
Montenegro	10.0	(0.84)	0.37	31	(1.4)	-1.74	(0.04)	1.35	(0.03)	3.09	(0.05)
Panama	18.1	(3.86)	0.56	31	(3.6)	-3.08	(0.10)	1.16	(0.11)	4.23	(0.14)
Peru	27.4	(2.62)	0.52	41	(2.0)	-3.33	(0.05)	0.85	(0.09)	4.18	(0.10)
Qatar	4.0	(0.36)	0.41	25	(1.2)	-1.28	(0.03)	1.73	(0.02)	3.00	(0.03)
Romania	13.6	(2.12)	0.31	36	(2.8)	-1.70	(0.08)	1.23	(0.06)	2.93	(0.09)
Russian Federation	11.3	(1.35)	0.39	37	(2.5)	-1.43	(0.03)	1.08	(0.03)	2.51	(0.04)
Serbia	9.8	(1.02)	0.28	27	(1.6)	-1.42	(0.03)	1.75	(0.04)	3.17	(0.05)
Shanghai-China	12.3	(1.77)	m	27	(2.1)	-2.16	(0.03)	1.19	(0.03)	3.35	(0.04)
Singapore ⁴	15.3	(1.11)	0.43	47	(1.7)	-1.82	(0.03)	0.75	(0.00)	2.57	(0.03)
Chinese Taipei	11.8	(1.34)	m	36	(2.4)	-1.73	(0.05)	1.02	(0.03)	2.74	(0.05)
Thailand	13.3	(1.94)	0.43	22	(1.8)	-2.84	(0.03)	0.88	(0.04)	3.72	(0.05)
Trinidad and Tobago ⁶	9.7	(0.86)	0.40	38	(1.7)	-2.20	(0.05)	0.92	(0.03)	3.11	(0.06)
Tunisia	8.1	(1.47)	0.41	19	(1.8)	-3.15	(0.06)	1.03	(0.05)	4.18	(0.06)
Uruguay	20.7	(1.47)	0.45	37	(1.5)	-2.49	(0.02)	1.51	(0.03)	4.00	(0.03)

Note: The Gini coefficient measures the extent to which the distribution of income among individuals or households within an economy deviates from a perfectly equal distribution. The Gini index measures the area between the Lorenz curve and the hypothetical line of absolute equality, expressed as a percentage of the maximum area under the line. A Gini index of zero represents perfect equality and 1, perfect inequality.

1. In these columns values that are statistically significantly different from the OECD average are indicated in bold.

2. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.


3. Gini index from City's Statistics and Census Service (DSEC), Year 2007/2008.

4. Gini index from World Bank 1998.

5. Gini index from World Bank 1996.

6. Gini index from World Bank 1992.

Source: Gini indexes for OECD countries come from the OECD, 2008 publication: *Growing Unequal? Income Distribution and Poverty in OECD Countries* and refer to mid-2000. The OECD average refers to the average of 24 OECD countries. Gini indexes of partner countries and economies come from the World Bank database, as the average index between the years 2000 and 2007.

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[Part 1/2]

Performance by proficiency level in reading and socio-economic background

Table II.2.1 Results based on students' self-reports

	Proficiency levels in reading															
	Below Level 1b (less than 262.04 score points)		Level 1b (from 262.04 to less than 334.75 score points)		Level 1a (from 334.75 to less than 407.47 score points)		Level 2 (from 407.47 to less than 480.18 score points)		Level 3 (from 480.18 to less than 552.89 score points)		Level 4 (from 552.89 to less than 625.61 score points)		Level 5 (from 625.61 to less than 698.32 score points)		Level 6 (above 698.32 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	1.0	(0.1)	3.3	(0.3)	10.0	(0.4)	20.4	(0.6)	28.5	(0.7)	24.1	(0.7)	10.7	(0.5)	2.1	(0.3)
Austria	1.9	(0.4)	8.1	(0.8)	17.5	(1.0)	24.1	(1.0)	26.0	(0.9)	17.4	(0.9)	4.5	(0.4)	0.4	(0.1)
Belgium	1.1	(0.3)	4.7	(0.5)	11.9	(0.6)	20.3	(0.7)	25.8	(0.9)	24.9	(0.7)	10.1	(0.5)	1.1	(0.2)
Canada	0.4	(0.1)	2.0	(0.2)	7.9	(0.3)	20.2	(0.6)	30.0	(0.7)	26.8	(0.6)	11.0	(0.4)	1.8	(0.2)
Chile	1.3	(0.2)	7.4	(0.8)	21.9	(1.0)	33.2	(1.1)	25.6	(1.1)	9.3	(0.7)	1.3	(0.2)	0.0	(0.0)
Czech Republic	0.8	(0.3)	5.5	(0.6)	16.8	(1.1)	27.4	(1.0)	27.0	(1.0)	17.4	(1.0)	4.7	(0.4)	0.4	(0.1)
Denmark	0.4	(0.1)	3.1	(0.3)	11.7	(0.7)	26.0	(0.9)	33.1	(1.2)	20.9	(1.1)	4.4	(0.4)	0.3	(0.1)
Estonia	0.3	(0.1)	2.4	(0.4)	10.6	(0.9)	25.6	(1.3)	33.8	(1.0)	21.2	(0.8)	5.4	(0.5)	0.6	(0.2)
Finland	0.2	(0.1)	1.5	(0.2)	6.4	(0.4)	16.7	(0.6)	30.1	(0.8)	30.6	(0.9)	12.9	(0.7)	1.6	(0.2)
France	2.3	(0.5)	5.6	(0.5)	11.8	(0.8)	21.1	(1.0)	27.2	(1.0)	22.4	(1.1)	8.5	(0.8)	1.1	(0.3)
Germany	0.8	(0.2)	4.4	(0.5)	13.3	(0.8)	22.2	(0.9)	28.8	(1.1)	22.8	(0.9)	7.0	(0.6)	0.6	(0.2)
Greece	1.4	(0.4)	5.6	(0.9)	14.3	(1.1)	25.6	(1.1)	29.3	(1.2)	18.2	(1.0)	5.0	(0.5)	0.6	(0.2)
Hungary	0.6	(0.2)	4.7	(0.8)	12.3	(1.0)	23.8	(1.2)	31.0	(1.3)	21.6	(1.1)	5.8	(0.7)	0.3	(0.1)
Iceland	1.1	(0.2)	4.2	(0.4)	11.5	(0.7)	22.2	(0.8)	30.6	(0.9)	21.9	(0.8)	7.5	(0.6)	1.0	(0.2)
Ireland	1.5	(0.4)	3.9	(0.5)	11.8	(0.7)	23.3	(1.0)	30.6	(0.9)	21.9	(0.9)	6.3	(0.5)	0.7	(0.2)
Israel	3.9	(0.7)	8.0	(0.7)	14.7	(0.6)	22.5	(1.0)	25.5	(0.9)	18.1	(0.7)	6.4	(0.5)	1.0	(0.2)
Italy	1.4	(0.2)	5.2	(0.3)	14.4	(0.5)	24.0	(0.5)	28.9	(0.6)	20.2	(0.5)	5.4	(0.3)	0.4	(0.1)
Japan	1.3	(0.4)	3.4	(0.5)	8.9	(0.7)	18.0	(0.8)	28.0	(0.9)	27.0	(0.9)	11.5	(0.7)	1.9	(0.4)
Korea	0.2	(0.2)	0.9	(0.3)	4.7	(0.6)	15.4	(1.0)	33.0	(1.2)	32.9	(1.4)	11.9	(1.0)	1.0	(0.2)
Luxembourg	3.1	(0.3)	7.3	(0.4)	15.7	(0.6)	24.0	(0.7)	27.0	(0.6)	17.3	(0.6)	5.2	(0.4)	0.5	(0.2)
Mexico	3.2	(0.3)	11.4	(0.5)	25.5	(0.6)	33.0	(0.6)	21.2	(0.6)	5.3	(0.4)	0.4	(0.1)	0.0	(0.0)
Netherlands	0.1	(0.1)	1.8	(0.3)	12.5	(1.4)	24.7	(1.5)	27.6	(1.2)	23.5	(1.7)	9.1	(1.0)	0.7	(0.2)
New Zealand	0.9	(0.2)	3.2	(0.4)	10.2	(0.6)	19.3	(0.8)	25.8	(0.8)	24.8	(0.8)	12.9	(0.8)	2.9	(0.4)
Norway	0.5	(0.1)	3.4	(0.4)	11.0	(0.7)	23.6	(0.8)	30.9	(0.9)	22.1	(1.2)	7.6	(0.9)	0.8	(0.2)
Poland	0.6	(0.1)	3.1	(0.3)	11.3	(0.7)	24.5	(1.1)	31.0	(1.0)	22.3	(1.0)	6.5	(0.5)	0.7	(0.1)
Portugal	0.6	(0.1)	4.0	(0.4)	13.0	(1.0)	26.4	(1.1)	31.6	(1.1)	19.6	(0.9)	4.6	(0.5)	0.2	(0.1)
Slovak Republic	0.8	(0.3)	5.6	(0.6)	15.9	(0.8)	28.1	(1.0)	28.5	(1.1)	16.7	(0.8)	4.2	(0.5)	0.3	(0.1)
Slovenia	0.8	(0.1)	5.2	(0.3)	15.2	(0.5)	25.6	(0.7)	29.2	(0.9)	19.3	(0.8)	4.3	(0.5)	0.3	(0.1)
Spain	1.2	(0.2)	4.7	(0.4)	13.6	(0.6)	26.8	(0.8)	32.6	(1.0)	17.7	(0.7)	3.2	(0.3)	0.2	(0.1)
Sweden	1.5	(0.3)	4.3	(0.4)	11.7	(0.7)	23.5	(1.0)	29.8	(1.0)	20.3	(0.9)	7.7	(0.6)	1.3	(0.3)
Switzerland	0.7	(0.2)	4.1	(0.4)	12.1	(0.6)	22.7	(0.7)	29.7	(0.8)	22.6	(0.8)	7.4	(0.7)	0.7	(0.2)
Turkey	0.8	(0.2)	5.6	(0.6)	18.1	(1.0)	32.2	(1.2)	29.1	(1.1)	12.4	(1.1)	1.8	(0.4)	0.0	(0.0)
United Kingdom	1.0	(0.2)	4.1	(0.4)	13.4	(0.6)	24.9	(0.7)	28.8	(0.8)	19.8	(0.8)	7.0	(0.5)	1.0	(0.2)
United States	0.6	(0.1)	4.0	(0.4)	13.1	(0.8)	24.4	(0.9)	27.6	(0.8)	20.6	(0.9)	8.4	(0.8)	1.5	(0.4)
OECD average	1.1	(0.0)	4.6	(0.1)	13.1	(0.1)	24.0	(0.2)	28.9	(0.2)	20.7	(0.2)	6.8	(0.1)	0.8	(0.0)
Partners																
Albania	11.3	(0.9)	18.7	(1.3)	26.6	(1.2)	25.6	(1.3)	14.4	(1.2)	3.1	(0.5)	0.2	(0.1)	0.0	c
Argentina	10.8	(1.1)	15.8	(1.3)	25.0	(1.3)	25.4	(1.2)	16.0	(1.0)	6.0	(0.8)	0.9	(0.2)	0.1	(0.1)
Azerbaijan	9.7	(1.1)	26.1	(1.1)	36.9	(1.2)	21.5	(1.2)	5.3	(0.8)	0.5	(0.2)	0.0	(0.0)	0.0	c
Brazil	5.0	(0.4)	16.0	(0.7)	28.6	(0.8)	27.1	(0.8)	15.9	(0.9)	6.1	(0.5)	1.2	(0.2)	0.1	(0.1)
Bulgaria	8.0	(1.1)	12.9	(1.4)	20.1	(1.4)	23.4	(1.1)	21.8	(1.4)	11.0	(1.1)	2.6	(0.5)	0.2	(0.1)
Colombia	4.2	(0.7)	13.9	(1.0)	29.0	(1.2)	30.6	(1.1)	17.1	(1.0)	4.6	(0.5)	0.5	(0.2)	0.0	(0.0)
Croatia	1.0	(0.2)	5.0	(0.4)	16.5	(1.0)	27.4	(1.0)	30.6	(1.2)	16.4	(1.0)	3.1	(0.4)	0.1	(0.1)
Dubai (UAE)	3.7	(0.2)	9.4	(0.5)	17.9	(0.5)	25.4	(0.7)	23.5	(0.8)	14.8	(0.7)	4.8	(0.5)	0.5	(0.2)
Hong Kong-China	0.2	(0.1)	1.5	(0.3)	6.6	(0.6)	16.1	(0.8)	31.4	(0.9)	31.8	(0.9)	11.2	(0.7)	1.2	(0.3)
Indonesia	1.7	(0.4)	14.1	(1.3)	37.6	(1.6)	34.3	(1.4)	11.2	(1.3)	1.0	(0.3)	0.0	c	0.0	c
Jordan	6.9	(0.6)	13.6	(0.8)	27.6	(1.0)	31.8	(1.0)	16.5	(1.0)	3.4	(0.4)	0.2	(0.1)	0.0	c
Kazakhstan	7.5	(0.7)	20.4	(1.0)	30.7	(0.9)	24.1	(0.9)	13.1	(0.9)	3.7	(0.5)	0.4	(0.1)	0.0	c
Kyrgyzstan	29.8	(1.2)	29.7	(0.9)	23.8	(0.9)	11.5	(0.8)	4.2	(0.6)	1.0	(0.3)	0.1	(0.1)	0.0	c
Latvia	0.4	(0.2)	3.3	(0.6)	13.9	(1.0)	28.8	(1.5)	33.5	(1.2)	17.2	(1.0)	2.9	(0.4)	0.1	c
Liechtenstein	0.0	c	2.8	(1.2)	12.8	(1.8)	24.0	(2.8)	31.1	(2.8)	24.6	(2.3)	4.2	(1.4)	0.4	c
Lithuania	0.9	(0.3)	5.5	(0.6)	17.9	(0.9)	30.0	(1.0)	28.6	(0.9)	14.1	(0.8)	2.8	(0.4)	0.1	(0.1)
Macao-China	0.3	(0.1)	2.6	(0.3)	12.0	(0.4)	30.6	(0.6)	34.8	(0.7)	16.9	(0.5)	2.8	(0.2)	0.1	(0.1)
Montenegro	5.9	(0.5)	15.8	(0.8)	27.8	(0.8)	28.0	(0.9)	16.8	(0.8)	5.0	(0.5)	0.6	(0.2)	0.0	c
Panama	13.3	(1.8)	23.1	(1.8)	28.9	(1.8)	20.7	(1.4)	10.1	(1.4)	3.4	(0.7)	0.5	(0.2)	0.0	c
Peru	14.1	(0.9)	22.0	(1.0)	28.7	(1.1)	22.1	(0.9)	10.1	(0.9)	2.6	(0.5)	0.4	(0.2)	0.0	(0.0)
Qatar	17.8	(0.3)	22.4	(0.5)	23.2	(0.6)	18.3	(0.4)	11.1	(0.5)	5.4	(0.3)	1.5	(0.2)	0.2	(0.1)
Romania	4.1	(0.7)	12.7	(1.1)	23.6	(1.2)	31.6	(1.3)	21.2	(1.3)	6.1	(0.7)	0.7	(0.2)	0.0	c
Russian Federation	1.6	(0.3)	6.8	(0.6)	19.0	(0.8)	31.6	(1.0)	26.8	(0.9)	11.1	(0.7)	2.8	(0.4)	0.3	(0.1)
Serbia	2.0	(0.4)	8.8	(0.7)	22.1	(0.9)	33.2	(1.0)	25.3	(1.0)	7.9	(0.6)	0.8	(0.2)	0.0	(0.0)
Shanghai-China	0.1	(0.0)	0.6	(0.1)	3.4	(0.5)	13.3	(0.9)	28.5	(1.2)	34.7	(1.0)	17.0	(1.0)	2.4	(0.4)
Singapore	0.4	(0.1)	2.7	(0.3)	9.3	(0.5)	18.5	(0.6)	27.6	(0.8)	25.7	(0.7)	13.1	(0.5)	2.6	(0.3)
Chinese Taipei	0.7	(0.2)	3.5	(0.4)	11.4	(0.6)	24.6	(0.8)	33.5	(1.1)	21.0	(1.0)	4.8	(0.8)	0.4	(0.2)
Thailand	1.2	(0.3)	9.9	(0.8)	31.7	(1.1)	36.8	(1.2)	16.7	(0.8)	3.3	(0.5)	0.3	(0.2)	0.0	c
Trinidad and Tobago	9.6	(0.5)	14.2	(0.6)	21.0	(0.8)	25.0	(0.9)	19.0	(0.9)	8.9	(0.5)	2.1	(0.3)	0.2	(0.1)
Tunisia	5.5	(0.5)	15.0	(0.8)	29.6	(1.1)	31.5	(1.2)	15.1	(1.0)	3.1	(0.5)	0.2	(0.1)	0.0	c
Uruguay	5.5	(0.6)	12.5	(0.7)	23.9	(0.7)	28.0	(0.7)	20.3	(0.7)	8.1	(0.5)	1.7	(0.3)	0.1	(0.1)

Note: Percentages were computed only for students with information on the PISA index of economic, social and cultural status.
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[Part 2/2]

Performance by proficiency level in reading and socio-economic backgroundTable II.2.1 *Results based on students' self-reports*

	Percentage of students who are								Average PISA index of economic, social and cultural status							
	Top performers (Level 5 or 6) in reading		Strong performers (Level 4) in reading		Moderate performers (Levels 2 or 3) in reading		Lowest performers (below Level 2) in reading		Top performers (Level 5 or 6) in reading		Strong performers (Level 4) in reading		Moderate performers (Levels 2 or 3) in reading		Lowest performers (below Level 2) in reading	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD																
Australia	12.8	(0.8)	24.1	(0.7)	48.9	(0.8)	14.2	(0.6)	0.77	(0.02)	0.55	(0.02)	0.24	(0.02)	-0.07	(0.02)
Austria	4.9	(0.5)	17.4	(0.9)	50.1	(1.4)	27.6	(1.3)	0.64	(0.07)	0.48	(0.04)	0.09	(0.02)	-0.38	(0.04)
Belgium	11.2	(0.6)	24.9	(0.7)	46.1	(1.0)	17.7	(0.9)	0.84	(0.03)	0.55	(0.03)	0.07	(0.02)	-0.42	(0.04)
Canada	12.8	(0.5)	26.8	(0.6)	50.2	(0.7)	10.3	(0.5)	0.93	(0.03)	0.65	(0.02)	0.39	(0.02)	0.10	(0.04)
Chile	1.3	(0.3)	9.3	(0.7)	58.8	(1.3)	30.6	(1.5)	0.85	(0.16)	0.37	(0.06)	-0.47	(0.04)	-1.11	(0.05)
Czech Republic	5.1	(0.5)	17.4	(1.0)	54.5	(1.2)	23.1	(1.3)	0.47	(0.06)	0.23	(0.02)	-0.10	(0.02)	-0.40	(0.02)
Denmark	4.7	(0.5)	20.9	(1.1)	59.1	(1.2)	15.2	(0.9)	0.89	(0.06)	0.69	(0.03)	0.24	(0.03)	-0.22	(0.04)
Estonia	6.1	(0.6)	21.2	(0.8)	59.4	(1.3)	13.3	(1.0)	0.62	(0.06)	0.38	(0.04)	0.09	(0.02)	-0.16	(0.05)
Finland	14.5	(0.8)	30.6	(0.9)	46.8	(1.1)	8.1	(0.5)	0.70	(0.03)	0.49	(0.03)	0.26	(0.02)	-0.04	(0.06)
France	9.6	(1.0)	22.4	(1.1)	48.3	(1.5)	19.8	(1.2)	0.46	(0.06)	0.18	(0.04)	-0.20	(0.03)	-0.64	(0.04)
Germany	7.6	(0.6)	22.8	(0.9)	51.1	(1.3)	18.5	(1.1)	0.82	(0.05)	0.54	(0.03)	0.12	(0.03)	-0.41	(0.04)
Greece	5.6	(0.5)	18.2	(1.0)	54.9	(1.4)	21.3	(1.8)	0.67	(0.06)	0.36	(0.04)	-0.02	(0.03)	-0.53	(0.05)
Hungary	6.1	(0.7)	21.6	(1.1)	54.8	(1.8)	17.6	(1.4)	0.73	(0.08)	0.32	(0.04)	-0.26	(0.02)	-0.95	(0.06)
Iceland	8.5	(0.6)	21.9	(0.8)	52.8	(0.9)	16.8	(0.6)	1.14	(0.05)	0.92	(0.04)	0.67	(0.02)	0.39	(0.04)
Ireland	7.0	(0.5)	21.9	(0.9)	53.8	(1.1)	17.2	(1.0)	0.54	(0.06)	0.38	(0.04)	-0.02	(0.03)	-0.40	(0.04)
Israel	7.4	(0.6)	18.1	(0.7)	48.0	(1.2)	26.5	(1.2)	0.54	(0.04)	0.34	(0.04)	-0.05	(0.03)	-0.42	(0.03)
Italy	5.8	(0.3)	20.2	(0.5)	52.9	(0.7)	21.0	(0.6)	0.51	(0.03)	0.27	(0.02)	-0.15	(0.02)	-0.60	(0.02)
Japan	13.4	(0.9)	27.0	(0.9)	46.0	(1.1)	13.6	(1.1)	0.33	(0.04)	0.16	(0.02)	-0.12	(0.02)	-0.33	(0.03)
Korea	12.9	(1.1)	32.9	(1.4)	48.4	(1.7)	5.8	(0.8)	0.26	(0.06)	0.02	(0.04)	-0.31	(0.03)	-0.70	(0.05)
Luxembourg	5.7	(0.5)	17.3	(0.6)	51.0	(0.8)	26.0	(0.6)	1.03	(0.06)	0.74	(0.04)	0.21	(0.02)	-0.43	(0.03)
Mexico	0.4	(0.1)	5.3	(0.4)	54.2	(0.9)	40.1	(1.0)	0.23	(0.14)	-0.17	(0.07)	-0.96	(0.03)	-1.72	(0.03)
Netherlands	9.8	(1.1)	23.5	(1.7)	52.3	(1.5)	14.3	(1.5)	0.84	(0.05)	0.57	(0.04)	0.13	(0.04)	-0.09	(0.04)
New Zealand	15.7	(0.8)	24.8	(0.8)	45.1	(0.9)	14.3	(0.7)	0.57	(0.03)	0.29	(0.03)	-0.05	(0.02)	-0.42	(0.04)
Norway	8.4	(0.9)	22.1	(1.2)	54.5	(1.1)	15.0	(0.8)	0.88	(0.04)	0.66	(0.03)	0.42	(0.02)	0.12	(0.04)
Poland	7.2	(0.6)	22.3	(1.0)	55.5	(1.1)	15.0	(0.8)	0.41	(0.06)	0.07	(0.04)	-0.38	(0.02)	-0.76	(0.04)
Portugal	4.8	(0.5)	19.6	(0.9)	58.0	(1.2)	17.6	(1.2)	0.75	(0.11)	0.25	(0.06)	-0.41	(0.04)	-0.96	(0.05)
Slovak Republic	4.5	(0.5)	16.7	(0.8)	56.6	(1.3)	22.2	(1.2)	0.63	(0.10)	0.30	(0.04)	-0.11	(0.02)	-0.51	(0.04)
Slovenia	4.6	(0.5)	19.3	(0.8)	54.9	(0.9)	21.2	(0.6)	0.70	(0.08)	0.51	(0.04)	0.04	(0.02)	-0.38	(0.02)
Spain	3.3	(0.3)	17.7	(0.7)	59.4	(0.7)	19.6	(0.9)	0.50	(0.07)	0.21	(0.05)	-0.33	(0.03)	-0.88	(0.04)
Sweden	9.0	(0.7)	20.3	(0.9)	53.2	(1.0)	17.4	(0.9)	0.82	(0.04)	0.61	(0.03)	0.28	(0.02)	-0.13	(0.04)
Switzerland	8.1	(0.7)	22.6	(0.8)	52.4	(0.9)	16.8	(0.9)	0.67	(0.07)	0.38	(0.04)	0.01	(0.02)	-0.42	(0.03)
Turkey	1.9	(0.4)	12.4	(1.1)	61.3	(1.3)	24.5	(1.4)	0.23	(0.17)	-0.30	(0.08)	-1.13	(0.04)	-1.80	(0.06)
United Kingdom	8.0	(0.5)	19.8	(0.8)	53.7	(0.7)	18.4	(0.8)	0.73	(0.04)	0.52	(0.03)	0.14	(0.02)	-0.20	(0.03)
United States	9.9	(0.9)	20.6	(0.9)	52.0	(1.1)	17.6	(1.1)	0.89	(0.06)	0.52	(0.05)	0.06	(0.04)	-0.34	(0.04)
OECD average	7.6	(0.1)	20.7	(0.2)	52.9	(0.2)	18.8	(0.2)	0.66	(0.01)	0.38	(0.01)	-0.05	(0.00)	-0.48	(0.01)
Partners																
Albania	0.2	(0.1)	3.1	(0.5)	40.1	(1.7)	56.7	(1.9)	0.00	c	0.03	(0.11)	-0.66	(0.05)	-1.22	(0.04)
Argentina	1.0	(0.2)	6.0	(0.8)	41.4	(1.6)	51.6	(1.9)	0.00	c	0.46	(0.11)	-0.26	(0.05)	-1.06	(0.04)
Azerbaijan	0.0	(0.0)	0.5	(0.2)	26.7	(1.6)	72.8	(1.6)	0.00	c	0.03	(0.53)	-0.30	(0.06)	-0.77	(0.03)
Brazil	1.3	(0.2)	6.1	(0.5)	43.1	(1.0)	49.6	(1.3)	0.66	(0.12)	-0.05	(0.10)	-0.98	(0.04)	-1.51	(0.03)
Bulgaria	2.8	(0.5)	11.0	(1.1)	45.3	(1.9)	41.0	(2.6)	0.75	(0.10)	0.53	(0.06)	0.08	(0.03)	-0.56	(0.05)
Colombia	0.6	(0.2)	4.6	(0.5)	47.7	(1.7)	47.1	(1.9)	0.00	c	0.04	(0.12)	-0.86	(0.05)	-1.59	(0.05)
Croatia	3.2	(0.4)	16.4	(1.0)	57.9	(1.3)	22.4	(1.3)	0.50	(0.10)	0.23	(0.05)	-0.18	(0.03)	-0.57	(0.04)
Dubai (UAE)	5.3	(0.5)	14.8	(0.7)	48.9	(0.7)	31.0	(0.5)	0.93	(0.04)	0.81	(0.02)	0.48	(0.02)	0.06	(0.02)
Hong Kong-China	12.4	(0.8)	31.8	(0.9)	47.5	(1.1)	8.3	(0.7)	-0.49	(0.07)	-0.62	(0.05)	-0.94	(0.04)	-1.16	(0.10)
Indonesia	0.0	c	1.0	(0.3)	45.6	(2.1)	53.4	(2.3)	0.00	c	-0.54	(0.30)	-1.29	(0.08)	-1.79	(0.05)
Jordan	0.2	(0.1)	3.4	(0.4)	48.3	(1.4)	48.0	(1.6)	0.00	c	0.26	(0.09)	-0.37	(0.04)	-0.83	(0.03)
Kazakhstan	0.4	(0.1)	3.7	(0.5)	37.2	(1.3)	58.7	(1.5)	0.00	c	0.13	(0.08)	-0.27	(0.03)	-0.71	(0.03)
Kyrgyzstan	0.1	(0.1)	1.0	(0.3)	15.7	(1.1)	83.2	(1.2)	0.00	c	0.55	(0.12)	-0.01	(0.06)	-0.78	(0.02)
Latvia	2.9	(0.4)	17.2	(1.0)	62.3	(1.3)	17.6	(1.2)	0.43	(0.08)	0.27	(0.05)	-0.16	(0.03)	-0.50	(0.05)
Liechtenstein	4.6	(1.4)	24.6	(2.3)	55.1	(3.5)	15.7	(1.8)	0.00	c	0.30	(0.11)	0.07	(0.07)	-0.37	(0.15)
Lithuania	2.9	(0.4)	14.1	(0.8)	58.6	(1.2)	24.4	(1.2)	0.74	(0.08)	0.50	(0.04)	-0.03	(0.03)	-0.50	(0.05)
Macao-China	2.9	(0.2)	16.9	(0.5)	65.4	(0.6)	14.9	(0.5)	-0.26	(0.10)	-0.53	(0.04)	-0.74	(0.02)	-0.82	(0.04)
Montenegro	0.6	(0.2)	5.0	(0.5)	44.9	(1.1)	49.5	(1.0)	0.00	c	0.39	(0.08)	-0.04	(0.02)	-0.51	(0.02)
Panama	0.5	(0.2)	3.4	(0.7)	30.8	(2.3)	65.3	(2.6)	0.00	c	0.81	(0.12)	-0.30	(0.12)	-1.18	(0.06)
Peru	0.5	(0.2)	2.6	(0.5)	32.1	(1.4)	64.8	(1.7)	0.00	c	0.32	(0.14)	-0.66	(0.06)	-1.72	(0.04)
Qatar	1.7	(0.2)	5.4	(0.3)	29.4	(0.5)	63.5	(0.5)	1.17	(0.07)	0.97	(0.03)	0.65	(0.01)	0.38	(0.01)
Romania	0.7	(0.2)	6.1	(0.7)	52.8	(1.8)	40.4	(2.0)	0.00	c	0.28	(0.09)	-0.17	(0.04)	-0.68	(0.05)
Russian Federation	3.2	(0.5)	11.1	(0.7)	58.3	(1.1)	27.4	(1.3)	0.52	(0.08)	0.21	(0.05)	-0.19	(0.02)	-0.52	(0.03)
Serbia	0.8	(0.2)	7.9	(0.6)	58.5	(1.1)	32.8	(1.3)	0.00	c	0.61	(0.07)	0.17	(0.03)	-0.27	(0.03)
Shanghai-China	19.5	(1.1)	34.7	(1.0)	41.8	(1.2)	4.1	(0.5)	0.06	(0.06)	-0.35	(0.04)	-0.80	(0.04)	-1.14	(0.10)
Singapore	15.7	(0.5)	25.7	(0.7)	46.1	(0.9)	12.5	(0.5)	0.06	(0.04)	-0.22	(0.03)	-0.58	(0.01)	-0.92	(0.04)
Chinese Taipei	5.2	(0.8)	21.0	(1.0)	58.2	(1.3)	15.6	(0.9)	0.30	(0.08)	-0.03	(0.03)	-0.38	(0.02)	-0.75	(0.04)
Thailand	0.3	(0.2)	3.3	(0.5)	53.5	(1.4)	42.9	(1.5)	0.00	c	0.12	(0.14)	-1.12	(0.05)	-1.67	(0.04)
Trinidad and Tobago	2.3	(0.3)	8.9	(0.5)	44.0	(0.8)	44.8	(0.7)	0.31	(0.12)	-0.03	(0.05)	-0.47	(0.03)	-0.85	(0.03)
Tunisia	0.2	(0.1)	3.1	(0.5)	46.6	(1.4)	50.2	(1.6)	0.00	c	-0.11	(0.15)	-0.93	(0.06)	-1.52	(0.05)
Uruguay	1.8	(0.3)	8.1	(0.5)	48.2	(1.0)	41.9	(1.2)	0.72	(0.14)	0.39	(0.09)	-0.48	(0.03)	-1.23	(0.03)

Note: Percentages were computed only for students with information on the PISA index of economic, social and cultural status.
StatLink <http://dx.doi.org/10.1787/888932343285>

[Part 1/1]

Schools' average socio-economic background and resourcesTable II.2.2 *Results based on students' self-reports and school principals' reports*

		Simple correlation between the schools' average socio-economic background and:																					
		Index of teacher shortage		Percentage of full-time teachers		Percentage of certified teachers among all full-time teachers		Percentage of teachers with university-level degree (ISCED 5A) among all full-time teachers		Index of school responsibility in resource allocation		Index of school curriculum responsibility		Index of quality of school's educational resources		Student/computer ratio		Student/teacher ratio		School size			
		Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.	Corr.	S.E.		
OECD	Australia	-0.28 (0.06)	-0.21 (0.06)	-0.05 (0.02)	0.02 (0.07)	0.54 (0.03)	0.11 (0.06)	0.31 (0.05)	0.01 (0.05)	-0.07 (0.05)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	0.29 (0.06)	
	Austria	-0.01 (0.08)	-0.13 (0.06)	0.21 (0.07)	0.64 (0.03)	-0.02 (0.04)	-0.07 (0.07)	0.03 (0.07)	-0.05 (0.05)	-0.07 (0.04)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	0.30 (0.05)	
	Belgium	-0.17 (0.06)	-0.18 (0.05)	0.05 (0.10)	0.58 (0.06)	0.00 (0.06)	0.05 (0.05)	0.02 (0.06)	-0.23 (0.04)	0.66 (0.03)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	0.35 (0.06)	
	Canada	-0.16 (0.04)	0.01 (0.04)	0.14 (0.04)	0.32 (0.05)	0.14 (0.06)	0.14 (0.06)	0.18 (0.05)	-0.05 (0.03)	0.09 (0.05)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	0.16 (0.04)	
	Chile	-0.06 (0.08)	-0.04 (0.09)	-0.01 (0.15)	0.25 (0.05)	0.39 (0.05)	0.24 (0.08)	0.35 (0.05)	0.32 (0.07)	-0.05 (0.08)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	0.21 (0.06)	
	Czech Republic	-0.34 (0.06)	-0.32 (0.06)	0.29 (0.06)	0.37 (0.04)	-0.05 (0.06)	0.02 (0.05)	0.00 (0.06)	0.15 (0.10)	0.08 (0.07)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	0.23 (0.06)	
	Denmark	-0.23 (0.06)	0.01 (0.06)	-0.17 (0.09)	0.16 (0.06)	0.14 (0.08)	0.15 (0.07)	0.04 (0.07)	-0.08 (0.10)	0.27 (0.06)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	0.21 (0.07)	
	Estonia	-0.05 (0.06)	0.14 (0.09)	0.00 (0.03)	0.00 (0.03)	-0.04 (0.09)	-0.07 (0.07)	0.10 (0.07)	-0.09 (0.06)	0.43 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	0.52 (0.07)	
	Finland	0.03 (0.07)	0.17 (0.06)	-0.01 (0.09)	-0.01 (0.09)	0.23 (0.11)	0.01 (0.09)	0.13 (0.08)	-0.01 (0.09)	0.08 (0.07)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	0.31 (0.06)	
	France	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w	w w
	Germany	-0.09 (0.08)	-0.15 (0.06)	-0.02 (0.05)	-0.02 (0.05)	0.08 (0.05)	-0.20 (0.06)	0.06 (0.07)	-0.18 (0.07)	0.28 (0.04)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	0.42 (0.08)	
	Greece	-0.19 (0.05)	-0.11 (0.09)	0.06 (0.08)	0.24 (0.08)	0.30 (0.06)	0.27 (0.04)	0.16 (0.08)	-0.12 (0.14)	0.25 (0.09)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	0.27 (0.07)	
	Hungary	-0.08 (0.08)	-0.33 (0.06)	0.07 (0.12)	0.07 (0.12)	-0.02 (0.07)	0.13 (0.07)	0.11 (0.08)	-0.20 (0.06)	0.02 (0.06)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	0.12 (0.08)	
	Iceland	-0.37 (0.00)	0.20 (0.01)	0.39 (0.01)	0.30 (0.01)	-0.11 (0.01)	-0.07 (0.01)	0.06 (0.00)	-0.41 (0.00)	0.40 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	0.37 (0.01)	
	Ireland	-0.16 (0.07)	0.12 (0.10)	-0.10 (0.13)	-0.08 (0.06)	0.33 (0.09)	-0.07 (0.10)	0.16 (0.10)	-0.03 (0.13)	0.49 (0.08)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	0.32 (0.07)	
	Israel	-0.07 (0.08)	-0.08 (0.08)	-0.06 (0.12)	0.20 (0.06)	0.19 (0.07)	0.05 (0.06)	0.25 (0.07)	0.08 (0.07)	-0.20 (0.08)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	0.27 (0.06)	
	Italy	0.02 (0.04)	-0.06 (0.04)	0.16 (0.05)	0.13 (0.04)	0.09 (0.04)	0.03 (0.03)	0.15 (0.04)	-0.19 (0.04)	0.50 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	0.21 (0.03)	
	Japan	-0.04 (0.06)	-0.14 (0.06)	0.04 (0.04)	0.20 (0.05)	0.24 (0.06)	0.05 (0.07)	0.17 (0.07)	-0.34 (0.04)	0.38 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	0.52 (0.04)	
	Korea	-0.02 (0.09)	-0.14 (0.11)	0.00 (0.14)	-0.03 (0.12)	0.07 (0.08)	0.19 (0.09)	-0.04 (0.10)	-0.53 (0.12)	0.30 (0.11)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	0.27 (0.09)	
	Luxembourg	-0.33 (0.00)	-0.16 (0.00)	-0.01 (0.00)	0.39 (0.00)	0.01 (0.00)	0.35 (0.00)	0.13 (0.00)	-0.13 (0.01)	0.28 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	0.05 (0.00)	
	Mexico	-0.26 (0.04)	-0.09 (0.05)	-0.13 (0.06)	-0.04 (0.05)	0.46 (0.04)	0.26 (0.05)	0.59 (0.03)	0.13 (0.05)	0.03 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	0.28 (0.03)	
	Netherlands	0.05 (0.10)	-0.34 (0.08)	-0.12 (0.06)	0.62 (0.06)	0.01 (0.08)	-0.03 (0.06)	0.06 (0.09)	-0.16 (0.10)	0.38 (0.11)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	0.42 (0.05)	
	New Zealand	-0.19 (0.07)	-0.04 (0.07)	0.08 (0.05)	0.07 (0.08)	0.17 (0.06)	-0.01 (0.07)	0.16 (0.06)	-0.02 (0.08)	0.11 (0.06)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	0.33 (0.03)	
	Norway	-0.23 (0.07)	-0.05 (0.08)	0.04 (0.06)	0.15 (0.05)	0.12 (0.08)	-0.03 (0.08)	0.14 (0.08)	-0.02 (0.08)	0.19 (0.08)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	0.30 (0.06)	
	Poland	-0.05 (0.06)	-0.02 (0.07)	0.03 (0.05)	-0.05 (0.06)	0.20 (0.11)	-0.07 (0.07)	0.06 (0.07)	-0.16 (0.06)	0.01 (0.09)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	0.33 (0.05)	
	Portugal	-0.09 (0.07)	0.14 (0.07)	-0.05 (0.10)	0.04 (0.10)	0.13 (0.12)	0.24 (0.05)	0.24 (0.07)	-0.02 (0.17)	0.39 (0.05)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	0.40 (0.06)	
	Slovak Republic	-0.20 (0.08)	-0.09 (0.05)	0.28 (0.05)	-0.21 (0.05)	0.04 (0.09)	-0.10 (0.08)	-0.05 (0.06)	-0.06 (0.08)	0.00 (0.06)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	0.18 (0.08)	
	Slovenia	-0.02 (0.01)	0.46 (0.02)	0.32 (0.01)	0.55 (0.01)	-0.05 (0.01)	-0.13 (0.01)	0.13 (0.01)	-0.21 (0.01)	-0.25 (0.02)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	0.51 (0.01)	
	Spain	-0.02 (0.05)	-0.29 (0.06)	m m	m m	m m	0.47 (0.04)	0.17 (0.06)	0.10 (0.04)	-0.16 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	0.45 (0.04)	
	Sweden	-0.12 (0.08)	0.05 (0.09)	0.01 (0.07)	-0.04 (0.08)	0.30 (0.06)	-0.04 (0.07)	0.26 (0.08)	0.13 (0.06)	0.12 (0.06)	0.16 (




[Part 1/2]

Characteristics of schools attended by advantaged and disadvantaged students¹Table II.2.3 *Results based on students' self-reports and school principals' reports*

		Percentage of students with an immigrant background		Positive mean index indicates more favourable characteristics															
				School average PISA index of economic, social and cultural status						Index of quality of educational resources									
				Advantaged students		Disadvantaged students		Advantaged students		Disadvantaged students		Difference (A-D)		Advantaged students		Disadvantaged students		Difference (A-D)	
				%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.
OECD	Australia	24.3	(1.4)	24.5	(1.7)	0.71	(0.04)	-0.61	(0.05)	1.32	(0.06)	0.25	(0.06)	-0.18	(0.07)	0.42	(0.07)		
	Austria	6.2	(0.8)	31.7	(2.3)	0.71	(0.05)	-0.68	(0.07)	1.39	(0.09)	-0.04	(0.10)	-0.05	(0.08)	0.01	(0.10)		
	Belgium	8.5	(1.1)	24.8	(2.2)	0.79	(0.05)	-0.66	(0.05)	1.45	(0.08)	0.00	(0.08)	-0.03	(0.08)	0.03	(0.09)		
	Canada	24.3	(1.5)	27.1	(1.8)	0.60	(0.05)	-0.59	(0.06)	1.19	(0.08)	0.12	(0.05)	-0.08	(0.05)	0.20	(0.06)		
	Chile	c	c	c	c	1.04	(0.04)	-0.79	(0.05)	1.83	(0.07)	0.31	(0.09)	-0.32	(0.09)	0.63	(0.11)		
	Czech Republic	2.0	(0.4)	3.2	(0.6)	0.68	(0.06)	-0.61	(0.04)	1.28	(0.08)	-0.01	(0.08)	-0.02	(0.08)	0.01	(0.08)		
	Denmark	3.3	(0.4)	18.2	(1.3)	0.59	(0.09)	-0.60	(0.05)	1.18	(0.09)	0.06	(0.09)	0.00	(0.07)	0.06	(0.08)		
	Estonia	7.1	(1.1)	9.0	(1.1)	0.59	(0.08)	-0.58	(0.05)	1.16	(0.09)	0.08	(0.07)	-0.05	(0.10)	0.13	(0.09)		
	Finland	2.4	(0.5)	4.0	(0.8)	0.53	(0.10)	-0.45	(0.05)	0.98	(0.09)	0.08	(0.11)	-0.04	(0.08)	0.12	(0.08)		
	France	6.1	(0.8)	25.1	(2.6)	0.78	(0.10)	-0.67	(0.06)	1.46	(0.13)	w	w	w	w	w	w		
	Germany	7.2	(0.9)	37.0	(1.7)	0.72	(0.06)	-0.68	(0.05)	1.40	(0.08)	0.01	(0.10)	-0.05	(0.09)	0.06	(0.10)		
	Greece	2.5	(0.5)	18.1	(2.1)	0.71	(0.05)	-0.71	(0.07)	1.42	(0.08)	0.17	(0.11)	-0.04	(0.09)	0.21	(0.11)		
	Hungary	1.8	(0.5)	2.0	(0.5)	0.82	(0.07)	-0.89	(0.07)	1.71	(0.10)	0.11	(0.11)	-0.07	(0.12)	0.18	(0.14)		
	Iceland	0.4	(0.2)	5.6	(0.9)	0.52	(0.02)	-0.58	(0.03)	1.09	(0.04)	0.03	(0.03)	-0.02	(0.03)	0.05	(0.05)		
	Ireland	9.4	(1.2)	7.5	(1.1)	0.72	(0.11)	-0.59	(0.06)	1.31	(0.13)	0.15	(0.14)	-0.08	(0.10)	0.24	(0.14)		
	Israel	14.6	(1.3)	26.3	(1.6)	0.65	(0.06)	-0.70	(0.06)	1.35	(0.08)	0.13	(0.10)	-0.18	(0.09)	0.31	(0.11)		
	Italy	1.9	(0.2)	9.3	(0.7)	0.74	(0.04)	-0.68	(0.03)	1.42	(0.05)	0.12	(0.04)	-0.11	(0.04)	0.23	(0.06)		
	Japan	c	c	c	c	0.60	(0.05)	-0.66	(0.05)	1.26	(0.07)	0.11	(0.09)	-0.11	(0.09)	0.23	(0.09)		
	Korea	c	c	c	c	0.68	(0.11)	-0.68	(0.05)	1.37	(0.13)	-0.03	(0.11)	0.05	(0.13)	-0.08	(0.14)		
	Luxembourg	27.7	(1.1)	76.8	(1.3)	0.70	(0.02)	-0.65	(0.02)	1.35	(0.03)	0.08	(0.02)	-0.07	(0.02)	0.15	(0.03)		
	Mexico	0.8	(0.1)	2.9	(0.3)	0.90	(0.06)	-0.85	(0.03)	1.75	(0.07)	0.56	(0.07)	-0.46	(0.03)	1.02	(0.07)		
	Netherlands	4.4	(0.7)	25.0	(2.9)	0.67	(0.07)	-0.60	(0.10)	1.27	(0.12)	0.06	(0.11)	-0.04	(0.10)	0.10	(0.12)		
	New Zealand	27.0	(1.4)	23.4	(1.9)	0.68	(0.06)	-0.60	(0.05)	1.28	(0.08)	0.12	(0.08)	-0.06	(0.08)	0.19	(0.08)		
	Norway	4.1	(0.6)	13.6	(1.4)	0.49	(0.09)	-0.47	(0.07)	0.96	(0.10)	0.11	(0.09)	-0.06	(0.08)	0.16	(0.08)		
	Poland	c	c	c	c	0.74	(0.08)	-0.56	(0.05)	1.30	(0.10)	0.06	(0.09)	-0.06	(0.07)	0.13	(0.10)		
	Portugal	4.8	(0.5)	4.9	(0.8)	0.84	(0.10)	-0.59	(0.05)	1.44	(0.12)	0.23	(0.10)	-0.11	(0.08)	0.34	(0.09)		
	Slovak Republic	c	c	c	c	0.67	(0.08)	-0.60	(0.06)	1.27	(0.11)	-0.04	(0.10)	0.03	(0.09)	-0.07	(0.09)		
	Slovenia	2.7	(0.5)	16.2	(1.2)	0.77	(0.02)	-0.68	(0.03)	1.45	(0.04)	0.13	(0.03)	-0.04	(0.03)	0.16	(0.04)		
	Spain	4.5	(0.6)	12.2	(1.1)	0.83	(0.09)	-0.63	(0.04)	1.45	(0.09)	0.11	(0.08)	-0.04	(0.06)	0.15	(0.07)		
	Sweden	6.4	(0.8)	21.5	(2.2)	0.58	(0.09)	-0.51	(0.07)	1.10	(0.11)	0.17	(0.10)	-0.14	(0.09)	0.32	(0.11)		
	Switzerland	17.0	(1.9)	44.1	(1.6)	0.69	(0.08)	-0.53	(0.06)	1.22	(0.09)	0.05	(0.10)	-0.07	(0.09)	0.12	(0.11)		
Turkey	c	c	c	c	0.81	(0.10)	-0.70	(0.06)	1.51	(0.11)	0.00	(0.10)	-0.06	(0.08)	0.06	(0.09)			
United Kingdom	9.6	(1.3)	13.1	(2.3)	0.70	(0.07)	-0.59	(0.06)	1.29	(0.10)	-0.01	(0.09)	0.02	(0.08)	-0.04	(0.08)			
United States	9.4	(1.1)	37.1	(2.8)	0.80	(0.10)	-0.69	(0.07)	1.50	(0.12)	0.21	(0.11)	-0.14	(0.11)	0.35	(0.14)			
OECD average	8.6	(0.2)	20.1	(0.3)	0.71	(0.01)	-0.64	(0.01)	1.34	(0.02)	0.11	(0.02)	-0.08	(0.01)	0.19	(0.02)			
Partners	Albania	c	c	c	c	0.73	(0.07)	-0.79	(0.07)	1.52	(0.10)	0.31	(0.10)	-0.37	(0.09)	0.68	(0.11)		
	Argentina	1.4	(0.5)	5.4	(1.0)	0.97	(0.10)	-0.73	(0.06)	1.70	(0.13)	0.50	(0.11)	-0.34	(0.09)	0.84	(0.13)		
	Azerbaijan	3.2	(0.6)	2.7	(1.1)	0.70	(0.08)	-0.72	(0.07)	1.42	(0.11)	0.18	(0.13)	-0.13	(0.08)	0.30	(0.13)		
	Brazil	0.6	(0.3)	1.1	(0.4)	0.86	(0.06)	-0.75	(0.03)	1.61	(0.07)	0.48	(0.08)	-0.33	(0.03)	0.81	(0.08)		
	Bulgaria	c	c	c	c	0.72	(0.07)	-0.80	(0.09)	1.53	(0.13)	0.07	(0.11)	-0.08	(0.08)	0.15	(0.10)		
	Colombia	0.1	(0.1)	0.8	(0.3)	0.90	(0.09)	-0.77	(0.06)	1.67	(0.11)	0.48	(0.10)	-0.40	(0.10)	0.88	(0.12)		
	Croatia	8.2	(0.9)	15.4	(1.3)	0.71	(0.10)	-0.57	(0.06)	1.29	(0.12)	0.05	(0.10)	-0.06	(0.09)	0.11	(0.10)		
	Dubai (UAE)	70.4	(1.2)	57.8	(1.2)	0.67	(0.02)	-0.84	(0.02)	1.51	(0.03)	0.11	(0.02)	-0.32	(0.03)	0.43	(0.04)		
	Hong Kong-China	17.8	(1.5)	58.8	(2.3)	0.92	(0.11)	-0.58	(0.04)	1.50	(0.12)	0.04	(0.11)	-0.07	(0.11)	0.10	(0.13)		
	Indonesia	c	c	c	c	0.95	(0.11)	-0.70	(0.06)	1.66	(0.13)	0.42	(0.12)	-0.30	(0.10)	0.72	(0.14)		
	Jordan	18.4	(1.4)	9.4	(1.3)	0.75	(0.10)	-0.58	(0.05)	1.33	(0.11)	0.22	(0.12)	-0.11	(0.09)	0.33	(0.13)		
	Kazakhstan	9.4	(1.5)	14.1	(1.9)	0.69	(0.09)	-0.72	(0.08)	1.41	(0.11)	0.13	(0.11)	-0.17	(0.07)	0.30	(0.11)		
	Kyrgyzstan	2.2	(0.5)	2.1	(0.7)	0.74	(0.09)	-0.66	(0.06)	1.39	(0.12)	0.20	(0.13)	-0.12	(0.10)	0.32	(0.14)		
	Latvia	5.3	(0.8)	4.2	(1.0)	0.68	(0.08)	-0.68	(0.08)	1.36	(0.12)	0.13	(0.08)	-0.08	(0.10)	0.21	(0.09)		
	Liechtenstein	27.5	(4.7)	48.0	(5.0)	0.61	(0.08)	-0.54	(0.07)	1.15	(0.12)	-0.53	(0.09)	0.56	(0.07)	-1.09	(0.13)		
	Lithuania	1.6	(0.5)	1.8	(0.4)	0.69	(0.06)	-0.66	(0.06)	1.35	(0.09)	-0.01	(0.07)	0.04	(0.08)	-0.05	(0.08)		
	Macao-China	54.9	(1.3)	77.8	(1.2)	0.74	(0.02)	-0.49	(0.01)	1.23	(0.03)	0.21	(0.02)	-0.09	(0.02)	0.30	(0.03)		
	Montenegro	8.0	(1.0)	5.8	(0.8)	0.55	(0.02)	-0.62	(0.06)	1.17	(0.07)	-0.08	(0.02)	0.06	(0.03)	-0.15	(0.04)		
	Panama	3.4	(0.9)	3.1	(1.0)	1.09	(0.13)	-0.75	(0.07)	1.84	(0.16)	0.86	(0.15)	-0.42	(0.08)	1.28	(0.15)		
	Peru	c	c	c	c	0.91	(0.10)	-0.92	(0.05)	1.83	(0.13)	0.53	(0.12)	-0.41	(0.12)	0.93	(0.17)		
	Qatar	36.9	(0.9)	42.3	(1.1)	0.61	(0.01)	-0.78	(0.01)	1.38	(0.02)	0.13	(0.02)	-0.18	(0.02)	0.31	(0.03)		
	Romania	c	c	c	c	0.69	(0.08)	-0.68	(0.10)	1.37	(0.13)	0.17	(0.10)	-0.11	(0.08)	0.27	(0.11)		
	Russian Federation	9.4	(0.9)	14.5	(1.7)	0.74	(0.08)	-0.68	(0.05)	1.42	(0.10)	0.19	(0.07)	-0.14	(0.10)	0.33	(0.08)		
	Serbia	8.0	(0.8)	10.6	(1.0)	0.72	(0.06)	-0.55	(0.05)	1.26	(0.07)	-0.04	(0.10)	-0.01	(0.09)	-0.03	(0.09)		
	Shanghai-China	c	c	c	c	0.80	(0.07)	-0.78	(0.07)	1.58	(0.11)	0.13	(0.11)	-0.11	(0.10)	0.24	(0.12)		
	Singapore	19.2	(1.5)	11.6	(0.9)	0.65	(0.03)	-0.52	(0.02)	1.17	(0.03)	0.05	(0.03)	-0.04	(0.03)	0.10	(0.03)		
	Chinese Taipei	c	c	c	c	0.61	(0.09)	-0.59	(0.10)	1.20	(0.14)	0.05	(0.09)	-0.18	(0.09)	0.23	(0.10)		
	Thailand	c	c	c	c	1.03	(0.08)	-0.76	(0.04)	1.79	(0.10)	0.40	(0.12)	-0.32	(0.07)	0.72	(0.13)		
	Trinidad and Tobago	3.9	(0.6)	2.2	(0.5)	0.75	(0.03)	-0.56	(0.02)	1.31	(0.03)	0.09	(0.02)	-0.03	(0.03)	0.12	(0.04)		
	Tunisia	c	c	c	c	0.79	(0.10)	-0.74	(0.07)	1.53	(0.12)	0.07	(0.12)	-0.15	(0.09)	0.23	(0.11)		
	Uruguay	c	c	c	c	0.95	(0.07)	-0.67	(0.03)	1.61	(0.08)	0.33	(0.07)	-0.20	(0.08)	0.53	(0.10)		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Advantaged (disadvantaged) students are those on the top (bottom) quarter of the socio-economic background distribution within their own country.

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[Part 2/2]


Characteristics of schools attended by advantaged and disadvantaged students¹

Table II.2.3 Results based on students' self-reports and school principals' reports

		Negative mean index indicates more favourable characteristics											
		Student/teacher ratio						Index of teacher shortage					
		Advantaged students		Disadvantaged students		Difference (A-D)		Advantaged students		Disadvantaged students		Difference (A-D)	
		Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.
OECD	Australia	-0.14	(0.06)	-0.03	(0.08)	-0.10	(0.07)	-0.23	(0.07)	0.15	(0.07)	-0.38	(0.08)
	Austria	-0.11	(0.04)	0.02	(0.08)	-0.14	(0.07)	0.04	(0.13)	0.04	(0.07)	0.00	(0.11)
	Belgium	0.56	(0.06)	-0.45	(0.06)	1.00	(0.06)	-0.11	(0.08)	0.12	(0.06)	-0.23	(0.09)
	Canada	0.03	(0.07)	-0.08	(0.04)	0.11	(0.07)	-0.10	(0.04)	0.10	(0.04)	-0.19	(0.04)
	Chile	-0.17	(0.12)	-0.08	(0.11)	-0.08	(0.15)	-0.02	(0.11)	0.08	(0.12)	-0.10	(0.14)
	Czech Republic	0.05	(0.09)	-0.05	(0.07)	0.10	(0.09)	-0.24	(0.07)	0.20	(0.08)	-0.44	(0.08)
	Denmark	0.14	(0.07)	-0.17	(0.07)	0.31	(0.08)	-0.16	(0.08)	0.11	(0.07)	-0.27	(0.08)
	Estonia	0.22	(0.07)	-0.31	(0.10)	0.53	(0.09)	-0.01	(0.07)	0.05	(0.09)	-0.06	(0.08)
	Finland	0.02	(0.08)	-0.05	(0.08)	0.08	(0.06)	0.02	(0.07)	0.02	(0.08)	0.00	(0.07)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	0.18	(0.05)	-0.26	(0.07)	0.44	(0.07)	-0.07	(0.10)	0.03	(0.08)	-0.10	(0.12)
	Greece	0.15	(0.10)	-0.20	(0.10)	0.35	(0.13)	-0.17	(0.06)	0.10	(0.10)	-0.27	(0.08)
	Hungary	-0.01	(0.07)	-0.05	(0.10)	0.04	(0.11)	-0.11	(0.12)	0.05	(0.11)	-0.16	(0.14)
	Iceland	0.21	(0.03)	-0.23	(0.03)	0.44	(0.04)	-0.23	(0.03)	0.20	(0.03)	-0.42	(0.06)
	Ireland	0.35	(0.09)	-0.31	(0.11)	0.65	(0.12)	-0.14	(0.09)	0.10	(0.11)	-0.25	(0.11)
	Israel	-0.09	(0.07)	0.19	(0.13)	-0.28	(0.14)	-0.02	(0.09)	0.02	(0.10)	-0.03	(0.10)
	Italy	0.38	(0.05)	-0.33	(0.04)	0.71	(0.05)	-0.01	(0.05)	-0.03	(0.05)	0.02	(0.06)
	Japan	0.21	(0.09)	-0.27	(0.06)	0.48	(0.09)	-0.03	(0.08)	0.03	(0.09)	-0.06	(0.08)
	Korea	0.12	(0.13)	-0.30	(0.08)	0.42	(0.14)	-0.03	(0.12)	-0.02	(0.12)	-0.01	(0.13)
	Luxembourg	0.26	(0.02)	-0.12	(0.02)	0.38	(0.04)	-0.29	(0.03)	0.16	(0.02)	-0.45	(0.04)
	Mexico	-0.01	(0.04)	-0.08	(0.02)	0.07	(0.04)	-0.27	(0.05)	0.17	(0.05)	-0.44	(0.07)
	Netherlands	0.31	(0.11)	-0.20	(0.12)	0.51	(0.11)	-0.04	(0.13)	-0.03	(0.09)	-0.01	(0.14)
	New Zealand	0.06	(0.06)	-0.08	(0.07)	0.13	(0.08)	-0.13	(0.08)	0.09	(0.08)	-0.22	(0.09)
	Norway	0.10	(0.10)	-0.07	(0.07)	0.17	(0.08)	-0.16	(0.10)	0.07	(0.08)	-0.23	(0.08)
	Poland	0.02	(0.10)	-0.03	(0.10)	0.05	(0.11)	-0.06	(0.08)	-0.01	(0.09)	-0.05	(0.09)
	Portugal	0.34	(0.08)	-0.19	(0.09)	0.53	(0.07)	-0.08	(0.08)	0.05	(0.09)	-0.13	(0.11)
	Slovak Republic	0.00	(0.09)	0.02	(0.10)	-0.02	(0.08)	-0.14	(0.10)	0.12	(0.09)	-0.26	(0.11)
	Slovenia	-0.17	(0.02)	0.17	(0.03)	-0.34	(0.04)	-0.01	(0.03)	-0.01	(0.03)	0.00	(0.05)
	Spain	0.35	(0.06)	-0.28	(0.04)	0.64	(0.07)	-0.02	(0.06)	0.00	(0.05)	-0.02	(0.07)
	Sweden	0.10	(0.08)	-0.08	(0.09)	0.18	(0.07)	-0.09	(0.09)	0.07	(0.08)	-0.15	(0.09)
	Switzerland	0.04	(0.16)	-0.04	(0.05)	0.08	(0.14)	-0.10	(0.07)	0.07	(0.07)	-0.17	(0.07)
	Turkey	-0.23	(0.07)	0.13	(0.07)	-0.36	(0.09)	0.04	(0.11)	0.05	(0.09)	-0.01	(0.11)
	United Kingdom	-0.09	(0.08)	0.03	(0.06)	-0.12	(0.08)	-0.12	(0.07)	0.06	(0.08)	-0.19	(0.08)
	United States	-0.15	(0.08)	0.11	(0.12)	-0.26	(0.14)	-0.24	(0.10)	0.20	(0.10)	-0.44	(0.11)
OECD average	0.09	(0.01)	-0.11	(0.01)	0.20	(0.02)	-0.10	(0.01)	0.07	(0.01)	-0.17	(0.02)	
Partners	Albania	0.06	(0.10)	-0.18	(0.08)	0.23	(0.11)	-0.23	(0.08)	0.34	(0.12)	-0.56	(0.13)
	Argentina	-0.05	(0.05)	-0.03	(0.09)	-0.03	(0.09)	-0.23	(0.10)	0.17	(0.10)	-0.41	(0.13)
	Azerbaijan	0.16	(0.12)	-0.14	(0.09)	0.30	(0.13)	-0.06	(0.11)	0.06	(0.13)	-0.12	(0.13)
	Brazil	-0.18	(0.06)	0.13	(0.06)	-0.31	(0.07)	-0.35	(0.05)	0.25	(0.06)	-0.60	(0.06)
	Bulgaria	0.20	(0.08)	-0.20	(0.13)	0.40	(0.12)	0.19	(0.15)	-0.13	(0.09)	0.32	(0.14)
	Colombia	-0.23	(0.12)	0.00	(0.12)	-0.22	(0.15)	-0.27	(0.10)	0.24	(0.12)	-0.51	(0.13)
	Croatia	0.20	(0.11)	-0.20	(0.08)	0.40	(0.11)	-0.09	(0.11)	0.11	(0.08)	-0.20	(0.11)
	Dubai (UAE)	-0.29	(0.01)	0.23	(0.03)	-0.52	(0.04)	-0.07	(0.02)	0.19	(0.03)	-0.26	(0.04)
	Hong Kong-China	-0.04	(0.11)	-0.13	(0.08)	0.09	(0.13)	-0.15	(0.10)	0.12	(0.11)	-0.26	(0.12)
	Indonesia	-0.13	(0.11)	0.14	(0.10)	-0.27	(0.13)	-0.36	(0.10)	0.22	(0.10)	-0.57	(0.12)
	Jordan	0.00	(0.13)	-0.05	(0.08)	0.05	(0.14)	-0.20	(0.10)	0.13	(0.09)	-0.33	(0.10)
	Kazakhstan	0.28	(0.10)	-0.35	(0.07)	0.63	(0.12)	-0.05	(0.08)	0.04	(0.10)	-0.09	(0.09)
	Kyrgyzstan	0.15	(0.10)	-0.22	(0.05)	0.38	(0.11)	0.05	(0.11)	-0.02	(0.10)	0.07	(0.11)
	Latvia	0.17	(0.11)	-0.34	(0.07)	0.50	(0.11)	0.01	(0.11)	-0.05	(0.09)	0.06	(0.10)
	Liechtenstein	0.44	(0.09)	-0.40	(0.06)	0.85	(0.10)	0.34	(0.10)	-0.31	(0.08)	0.64	(0.15)
	Lithuania	0.08	(0.11)	-0.18	(0.06)	0.26	(0.11)	-0.06	(0.11)	0.01	(0.07)	-0.07	(0.10)
	Macao-China	0.10	(0.02)	-0.12	(0.02)	0.22	(0.03)	-0.02	(0.02)	-0.04	(0.02)	0.02	(0.04)
	Montenegro	0.17	(0.02)	-0.23	(0.05)	0.41	(0.06)	-0.09	(0.02)	0.05	(0.05)	-0.14	(0.06)
	Panama	0.11	(0.10)	0.00	(0.11)	0.12	(0.13)	-0.28	(0.14)	0.18	(0.12)	-0.46	(0.17)
	Peru	-0.07	(0.11)	-0.04	(0.08)	-0.03	(0.13)	-0.33	(0.11)	0.27	(0.10)	-0.60	(0.14)
	Qatar	-0.09	(0.01)	-0.19	(0.02)	0.10	(0.02)	0.07	(0.02)	0.00	(0.02)	0.07	(0.03)
	Romania	-0.03	(0.10)	-0.02	(0.10)	-0.01	(0.14)	-0.11	(0.09)	0.15	(0.10)	-0.26	(0.10)
	Russian Federation	0.17	(0.07)	-0.23	(0.07)	0.40	(0.07)	-0.07	(0.10)	0.08	(0.11)	-0.15	(0.12)
	Serbia	0.09	(0.06)	-0.02	(0.06)	0.11	(0.03)	-0.19	(0.06)	0.16	(0.11)	-0.35	(0.08)
	Shanghai-China	-0.17	(0.04)	0.06	(0.09)	-0.23	(0.09)	-0.12	(0.10)	0.14	(0.08)	-0.26	(0.10)
	Singapore	-0.11	(0.04)	0.06	(0.02)	-0.17	(0.04)	-0.19	(0.02)	0.14	(0.02)	-0.33	(0.04)
	Chinese Taipei	-0.06	(0.05)	0.07	(0.08)	-0.13	(0.07)	-0.05	(0.11)	0.13	(0.11)	-0.18	(0.12)
Thailand	-0.08	(0.07)	-0.06	(0.07)	-0.02	(0.10)	-0.11	(0.15)	0.04	(0.09)	-0.15	(0.17)	
Trinidad and Tobago	0.26	(0.03)	-0.27	(0.03)	0.54	(0.04)	-0.16	(0.03)	0.10	(0.03)	-0.25	(0.04)	
Tunisia	-0.07	(0.09)	-0.06	(0.12)	-0.01	(0.14)	0.00	(0.11)	-0.10	(0.10)	0.10	(0.12)	
Uruguay	0.13	(0.15)	-0.11	(0.07)	0.24	(0.15)	-0.27	(0.07)	0.13	(0.07)	-0.39	(0.08)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Advantaged (disadvantaged) students are those on the top (bottom) quarter of the socio-economic background distribution within their own country.

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[Part 1/2]

Relationship between student-level factors and reading performance

Table II.2.4 Results based on students' self-reports

		Score point difference associated with the various factors shown below, after accounting for the other factors																					
		Intercept		Highest occupational status of parents (HISEI)		Highest level of parents' education (in years of schooling)		Index of cultural possessions		Index of home educational resources		Number of books at home		Wealth		Single-parent family		Second-generation student		First-generation student		Language spoken at home is different from the language of assessment	
		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.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	351	(8.93)	1.1	(0.07)	5.5	(0.65)	9.4	(1.09)	5.6	(1.37)	13.8	(0.91)	-10.7	(1.47)	-8.5	(2.29)	21.1	(4.3)	7.6	(3.7)	-6.4	(5.7)
	Austria	332	(12.04)	0.9	(0.12)	2.9	(0.76)	10.1	(1.78)	0.9	(1.59)	21.9	(1.52)	-13.0	(2.32)	-1.4	(4.34)	-1.9	(10.6)	-37.7	(11.5)	-16.9	(9.1)
	Belgium	416	(7.66)	1.4	(0.09)	0.5	(0.49)	11.6	(1.39)	14.3	(1.45)	11.3	(0.90)	-11.4	(1.66)	-11.0	(3.09)	-32.9	(6.2)	-34.9	(5.9)	-7.2	(4.0)
	Canada	413	(7.41)	0.9	(0.06)	1.4	(0.46)	5.6	(1.00)	6.1	(1.19)	15.8	(0.69)	-7.7	(1.32)	-7.3	(2.51)	11.8	(3.2)	7.3	(4.1)	-15.6	(3.4)
	Chile	370	(6.72)	1.0	(0.09)	2.0	(0.48)	7.4	(1.65)	7.8	(1.66)	8.9	(1.29)	4.1	(1.82)	1.4	(2.86)	-11.5	(52.4)	c	c	c	c
	Czech Republic	363	(10.84)	1.9	(0.13)	-2.0	(0.82)	7.2	(1.48)	12.3	(1.92)	17.9	(1.26)	-13.5	(2.00)	-10.5	(3.64)	8.3	(15.3)	16.6	(21.0)	4.8	(17.0)
	Denmark	414	(9.23)	0.9	(0.09)	1.2	(0.56)	7.8	(1.70)	16.3	(1.96)	9.8	(1.21)	-6.6	(1.43)	-6.9	(3.25)	-19.8	(5.0)	-29.7	(8.3)	-20.9	(7.0)
	Estonia	404	(11.38)	1.3	(0.11)	-0.3	(0.87)	11.0	(1.98)	7.2	(2.12)	10.2	(1.36)	-9.0	(1.86)	1.4	(2.70)	-28.1	(6.3)	-32.6	(16.0)	-17.5	(8.4)
	Finland	417	(9.99)	0.7	(0.09)	2.9	(0.65)	13.6	(1.41)	0.8	(3.17)	13.6	(1.14)	-13.3	(1.71)	-11.8	(3.33)	-9.2	(15.5)	-36.3	(18.2)	-41.2	(7.6)
	France	397	(12.77)	0.8	(0.11)	2.0	(0.93)	16.3	(1.99)	5.8	(2.17)	19.0	(1.42)	-10.4	(3.16)	-6.4	(4.58)	-6.3	(8.0)	-23.8	(11.5)	-28.4	(8.7)
	Germany	372	(10.08)	0.7	(0.10)	3.0	(0.62)	2.3	(1.68)	5.5	(1.72)	20.0	(1.39)	-6.1	(2.45)	-2.5	(3.80)	-7.7	(6.5)	-17.8	(7.5)	-17.7	(6.8)
	Greece	388	(11.41)	1.0	(0.10)	1.3	(0.66)	14.4	(1.93)	12.2	(2.14)	8.5	(1.56)	-12.1	(2.25)	-11.6	(5.28)	-10.6	(9.3)	-12.1	(12.7)	-37.0	(12.1)
	Hungary	349	(8.34)	1.1	(0.11)	2.4	(0.78)	12.5	(1.45)	7.3	(1.86)	17.5	(1.28)	-6.7	(1.89)	-2.6	(3.49)	20.4	(11.9)	8.4	(9.7)	c	c
	Iceland	378	(11.15)	0.7	(0.11)	2.8	(0.71)	9.6	(2.37)	3.1	(2.00)	14.4	(1.29)	-18.8	(2.00)	-16.7	(5.00)	c	c	-23.3	(17.4)	c	c
	Ireland	380	(9.71)	0.9	(0.09)	2.2	(0.76)	7.2	(1.70)	3.5	(2.09)	19.2	(1.34)	-11.2	(2.11)	-7.9	(4.40)	-5.8	(12.4)	-23.3	(7.5)	-21.4	(9.7)
	Israel	315	(14.23)	1.4	(0.14)	5.6	(1.00)	8.8	(2.12)	-1.2	(2.06)	9.8	(1.27)	-1.0	(2.13)	1.9	(4.40)	18.7	(5.0)	21.6	(9.7)	-14.5	(9.8)
	Italy	407	(4.93)	0.9	(0.06)	0.2	(0.29)	10.0	(1.21)	12.4	(0.79)	14.7	(0.77)	-9.8	(1.19)	0.1	(2.29)	-8.9	(6.8)	-31.2	(5.2)	-25.7	(3.0)
	Japan	405	(14.21)	0.6	(0.10)	5.2	(0.96)	14.9	(1.48)	11.0	(1.61)	6.6	(1.21)	-12.8	(2.80)	-9.6	(4.01)	c	c	c	c	c	c
	Korea	427	(11.73)	0.7	(0.11)	2.3	(0.64)	2.3	(2.29)	16.2	(1.86)	12.2	(1.38)	-5.9	(2.09)	-2.6	(5.38)	c	c	c	c	c	c
	Luxembourg	387	(12.52)	1.1	(0.12)	0.8	(0.54)	4.9	(2.21)	5.2	(2.02)	18.0	(1.42)	-9.4	(2.26)	-8.9	(4.77)	-17.3	(5.6)	-12.5	(6.0)	-22.7	(6.0)
	Mexico	388	(3.77)	0.7	(0.06)	1.7	(0.27)	-0.8	(0.95)	8.9	(1.16)	8.0	(0.72)	2.7	(1.29)	-8.9	(1.84)	-71.6	(9.8)	-68.4	(7.6)	-58.3	(6.6)
	Netherlands	404	(12.26)	1.1	(0.14)	1.0	(0.63)	4.2	(1.60)	9.3	(1.74)	15.4	(1.46)	-7.4	(2.62)	-8.3	(4.83)	-8.3	(10.1)	4.3	(12.0)	-2.3	(11.4)
	New Zealand	349	(11.36)	1.5	(0.12)	4.0	(0.82)	2.8	(1.85)	5.0	(2.01)	17.2	(1.60)	-4.8	(2.45)	-8.2	(4.07)	6.9	(5.9)	10.4	(4.5)	-42.9	(6.0)
	Norway	419	(10.99)	1.1	(0.10)	-1.4	(0.84)	12.7	(1.61)	3.3	(1.91)	15.6	(1.12)	-13.9	(1.83)	-6.4	(3.41)	2.3	(8.1)	6.5	(10.6)	-38.1	(6.9)
	Poland	364	(8.59)	0.7	(0.11)	4.4	(0.76)	9.1	(1.53)	7.2	(2.17)	17.0	(1.21)	-8.0	(1.90)	-14.1	(3.59)	c	c	c	c	c	c
	Portugal	399	(6.61)	1.2	(0.12)	1.2	(0.49)	10.3	(1.44)	4.9	(1.43)	9.9	(1.14)	-5.5	(1.76)	2.1	(3.85)	-10.8	(7.4)	-22.6	(10.3)	-9.9	(9.6)
	Slovak Republic	348	(9.46)	1.4	(0.12)	-0.2	(0.64)	9.6	(1.95)	14.1	(1.94)	18.3	(1.43)	-8.1	(1.96)	-2.5	(4.00)	61.1	(22.8)	c	c	c	c
	Slovenia	360	(7.80)	1.1	(0.11)	1.9	(0.71)	11.8	(1.66)	2.6	(2.59)	16.4	(1.24)	-9.3	(1.88)	0.4	(3.71)	-4.8	(7.0)	-28.7	(12.0)	1.2	(8.5)
	Spain	381	(5.83)	0.8	(0.09)	1.3	(0.36)	10.8	(1.16)	6.2	(1.19)	14.6	(0.89)	-8.5	(1.47)	-4.8	(2.88)	-8.6	(9.5)	-27.3	(3.5)	-1.1	(4.0)
	Sweden	366	(11.81)	1.0	(0.10)	2.5	(0.84)	9.7	(1.91)	0.7	(2.03)	15.9	(1.26)	-8.8	(2.08)	-10.3	(4.14)	-8.6	(8.5)	-26.7	(11.3)	-19.8	(8.2)
	Switzerland	386	(9.15)	1.0	(0.09)	1.5	(0.53)	6.1	(1.72)	8.3	(1.78)	17.1	(1.08)	-12.2	(1.83)	-3.0	(4.35)	-1.8	(4.5)	-19.9	(5.6)	-20.7	(3.9)
	Turkey	395	(7.16)	0.5	(0.11)	2.9	(0.52)	6.0	(1.62)	10.8	(1.57)	9.8	(1.33)	-1.1	(2.13)	-0.7	(5.27)	c	c	c	c	c	c
	United Kingdom	379	(11.96)	1.1	(0.08)	0.4	(0.83)	3.0	(1.35)	7.7	(3.13)	21.3	(1.00)	-10.4	(1.40)	-3.1	(2.78)	1.7	(6.8)	-5.6	(9.1)	-27.6	(6.1)
	United States	370	(12.34)	1.1	(0.11)	2.4	(0.79)	6.3	(1.74)	4.3	(2.09)	17.8	(1.35)	-0.8	(2.12)	-18.4	(3.17)	13.4	(5.6)	21.0	(8.2)	-12.2	(6.2)
OECD average	382	(1.75)	1.0	(0.02)	1.9	(0.12)	8.5	(0.29)	7.2	(0.31)	14.6	(0.21)	-8.3	(0.34)	-6.1	(0.67)	-7.4	(3.0)	-7.9	(2.7)	-25.0	(2.2)	
Partners	Albania	316	(12.95)	1.1	(0.12)	-0.6	(0.73)	11.7	(2.07)	18.9	(2.22)	14.6	(2.16)	-14.6	(3.97)	-17.7	(8.37)	c	c	c	c	c	c
	Argentina	330	(8.98)	1.1	(0.14)	1.4	(0.47)	4.6	(2.66)	8.3	(3.00)	11.9	(2.00)	15.0	(3.28)	-2.2	(4.47)	2.8	(13.5)	8.2	(18.2)	c	c
	Azerbaijan	304	(11.99)	0.2	(0.10)	2.8	(0.74)	2.4	(1.85)	9.5	(1.55)	9.3	(1.40)	-1.3	(2.22)	-3.0	(7.46)	1.2	(9.5)	9.0	(14.2)	c	c
	Brazil	377	(6.73)	1.3	(0.10)	0.0	(0.30)	-1.2	(1.59)	17.9	(1.39)	5.9	(1.30)	9.2	(2.12)	-2.4	(2.60)	-77.5	(17.0)	-68.7	(27.1)	c	c
	Bulgaria	304	(12.84)	1.4	(0.12)	3.1	(0.88)	21.2	(2.83)	11.9	(2.70)	11.0	(1.56)	-7.8	(2.63)	-10.0	(4.55)	c	c	c	c	c	c
	Colombia	386	(8.08)	0.7	(0.11)	0.7	(0.45)	-5.6	(1.96)	6.4	(1.73)	11.9	(1.83)	14.5	(2.22)	-3.1	(3.25)	c	c	c	c	c	c
	Croatia	411	(9.95)	1.1	(0.10)	-0.1	(0.59)	16.1	(1.69)	4.5	(1.85)	8.7	(1.26)	-6.4	(1.63)	5.8	(4.46)	-9.4	(4.5)	-7.7	(7.5)	c	c
	Dubai (UAE)	268	(10.89)	0.9	(0.12)	5.2	(0.73)	9.5	(1.89)	18.0	(2.13)	9.6	(1.23)	3.9	(1.77)	-19.0	(5.29)	69.3	(4.9)	87.6	(4.2)	-24.8	(3.0)
	Hong Kong-China	459	(7.59)	0.3	(0.12)	1.4	(0.51)	1.5	(1.50)	14.5	(1.76)	14.5	(1.31)	-11.3	(1.99)	-5.9	(3.79)	15.7	(3.2)	2.9	(4.7)	-56.3	(8.5)
	Indonesia	375	(8.62)	0.6	(0.12)	2.1	(0.57)	-6.7	(2.05)	2.6	(1.83)	2.3	(1.42)	7.8	(1.76)	-15.6	(5.17)	c	c	c	c	c	c
	Jordan	356	(10.53)	0.6	(0.10)	3.1	(0.70)	6.8	(1.97)	19.2	(1.82)	0.1	(1.25)	-10.0	(3.14)	-25.6	(6.25)	9.9	(4.6)	1.3	(7.4)	-29.2	(10.8)
	Kazakhstan	293	(29.23)	0.6	(0.09)	2.4	(1.99)	-1.6	(2.05)	19.4	(2.02)	14.1	(1.68)	-1.1	(2.52)	16.4	(4.37)	23.6	(11.3)	-8.5	(6.5)	10.1	(6.4)
	Kyrgyzstan	263	(14.09)																				

[Part 2/2]


Relationship between student-level factors and reading performance

Table II.2.4 Results based on students' self-reports

		Explained variance in student performance (unique, ¹ common and total)										Common explained variance (explained by more than one factor)		Total explained variance	
		Unique to:													
		Highest occupational status of parents (HISEL)	Highest level of parents' education	Index of cultural possessions	Index of home educational resources	Number of books at home	Wealth	Single-parent family	Second-generation students	First-generation students	Language spoken at home is different from the language of assessment				
%	%	%	%	%	%	%	%	%	%	%	%	S.E.			
OECD	Australia	2.6	0.7	0.72	0.23	2.95	0.72	0.1	0.5	0.0	0.0	10.9	19.4 (1.13)		
	Austria	1.6	0.3	0.66	0.01	6.70	1.01	0.0	0.0	0.3	0.1	17.9	28.6 (1.82)		
	Belgium	4.3	0.0	0.92	1.33	2.10	0.91	0.2	0.7	0.7	0.1	16.2	27.5 (1.20)		
	Canada	2.0	0.1	0.31	0.29	4.50	0.43	0.1	0.2	0.0	0.2	7.9	16.1 (0.82)		
	Chile	2.1	0.5	0.44	0.61	1.17	0.13	0.0	0.0	c	c	16.1	21.3 (1.51)		
	Czech Republic	5.6	0.1	0.46	1.06	5.12	1.19	0.2	0.0	0.0	0.0	10.4	24.2 (1.42)		
	Denmark	2.3	0.1	0.62	1.85	1.93	0.53	0.1	0.2	0.2	0.1	13.3	21.3 (1.19)		
	Estonia	5.1	0.0	0.91	0.33	2.19	0.77	0.0	0.8	0.1	0.1	6.9	17.2 (1.67)		
	Finland	1.2	0.5	1.80	0.01	2.97	1.26	0.3	0.0	0.2	0.5	10.1	18.8 (1.10)		
	France	1.3	0.1	1.83	0.27	4.84	0.57	0.1	0.0	0.1	0.4	18.5	28.1 (2.03)		
	Germany	0.9	0.6	0.05	0.23	7.11	0.23	0.0	0.0	0.1	0.2	15.2	24.7 (1.82)		
	Greece	2.0	0.1	1.52	1.15	1.13	0.93	0.1	0.0	0.1	0.5	12.3	19.8 (1.68)		
	Hungary	2.1	0.3	1.50	0.49	5.19	0.31	0.0	0.1	0.0	0.3	25.6	35.8 (2.16)		
	Iceland	1.1	0.4	0.41	0.06	2.81	2.84	0.4	c	0.1	c	7.6	15.9 (1.21)		
	Ireland	1.9	0.3	0.38	0.10	6.44	0.80	0.1	0.0	0.3	0.2	12.8	23.3 (1.55)		
	Israel	3.8	1.0	0.51	0.01	1.22	0.01	0.0	0.4	0.2	0.1	8.9	16.1 (1.61)		
	Italy	1.6	0.0	0.55	1.21	3.31	0.52	0.0	0.0	0.4	0.8	13.7	22.1 (0.80)		
	Japan	0.9	0.9	1.56	1.14	0.75	0.82	0.1	c	c	c	7.4	13.6 (1.30)		
	Korea	1.0	0.4	0.06	2.73	2.78	0.28	0.0	c	c	c	9.7	17.0 (1.55)		
	Luxembourg	2.3	0.1	0.16	0.19	4.82	0.48	0.1	0.4	0.2	0.5	17.0	26.1 (1.27)		
	Mexico	1.1	0.4	0.01	0.74	0.91	0.08	0.2	0.5	0.7	1.1	13.0	18.7 (1.14)		
	Netherlands	2.7	0.1	0.18	0.62	4.93	0.41	0.1	0.1	0.0	0.0	10.5	19.7 (1.93)		
	New Zealand	4.2	0.5	0.06	0.16	3.81	0.13	0.1	0.0	0.1	1.6	13.0	23.7 (1.43)		
	Norway	2.7	0.1	1.38	0.07	4.13	1.57	0.1	0.0	0.0	0.6	10.5	21.1 (1.29)		
	Poland	0.7	0.6	0.78	0.33	4.57	0.41	0.3	c	c	c	14.6	22.6 (1.31)		
	Portugal	2.7	0.2	0.91	0.28	1.51	0.22	0.0	0.0	0.1	0.0	15.3	21.3 (1.63)		
	Slovak Republic	3.2	0.0	0.68	1.50	5.01	0.49	0.0	0.1	c	c	13.8	25.4 (2.03)		
	Slovenia	2.9	0.2	1.00	0.03	4.26	0.70	0.0	0.0	0.1	0.0	13.5	22.7 (1.30)		
	Spain	1.5	0.2	0.82	0.36	3.64	0.48	0.0	0.0	0.7	0.0	14.9	22.6 (1.34)		
	Sweden	2.4	0.3	0.85	0.00	3.89	0.55	0.1	0.0	0.1	0.1	12.2	20.6 (1.61)		
	Switzerland	2.2	0.2	0.30	0.57	4.71	0.74	0.0	0.0	0.3	0.4	14.9	24.3 (1.18)		
	Turkey	0.5	1.1	0.38	1.45	1.67	0.02	0.0	c	c	c	16.9	22.3 (2.18)		
United Kingdom	3.0	0.0	0.07	0.47	8.11	0.75	0.0	0.0	0.0	0.3	12.3	25.1 (1.37)			
United States	2.4	0.3	0.29	0.11	5.02	0.01	0.6	0.1	0.2	0.1	14.3	23.4 (2.03)			
OECD average	2.3	0.3	0.68	0.59	3.71	0.63	0.1	0.1	0.2	0.3	13.2	22.1 (0.26)			
Partners	Albania	2.8	0.0	1.21	2.70	2.42	1.01	0.2	c	c	c	11.7	22.2 (2.19)		
	Argentina	2.7	0.3	0.12	0.42	1.51	0.99	0.0	0.0	0.4	0.4	17.1	23.4 (2.27)		
	Azerbaijan	0.2	0.8	0.06	1.40	1.83	0.03	0.0	0.0	0.0	0.2	7.0	11.6 (1.81)		
	Brazil	3.9	0.0	0.01	2.53	0.39	0.47	0.0	0.4	0.1	0.2	13.1	21.1 (1.57)		
	Bulgaria	3.3	0.5	2.16	0.75	1.71	0.31	0.1	c	0.0	c	20.9	31.7 (2.59)		
	Colombia	1.4	0.1	0.24	0.38	1.46	1.72	0.0	c	c	0.2	14.6	20.4 (2.24)		
	Croatia	2.7	0.0	2.13	0.17	1.16	0.34	0.0	0.1	0.0	0.0	10.8	17.5 (1.55)		
	Dubai (UAE)	1.1	1.2	0.54	1.55	1.30	0.09	0.3	4.3	8.3	1.4	11.5	31.5 (1.13)		
	Hong Kong-China	0.2	0.2	0.02	1.86	3.67	0.93	0.1	0.6	0.0	2.9	5.2	15.7 (1.66)		
	Indonesia	1.0	0.7	0.67	0.10	0.14	1.20	0.4	c	c	c	6.8	11.8 (2.25)		
	Jordan	0.9	0.7	0.38	3.52	0.00	0.89	0.8	0.1	0.0	0.4	6.6	14.3 (1.36)		
	Kazakhstan	1.0	0.1	0.02	2.87	3.04	0.01	0.5	0.5	0.0	0.1	10.5	18.6 (2.08)		
	Kyrgyzstan	1.6	0.0	0.06	1.77	3.71	0.13	0.1	0.2	0.0	1.2	15.4	24.3 (2.44)		
	Latvia	2.5	0.0	1.61	1.31	3.01	0.10	0.0	0.1	c	0.0	10.1	18.8 (2.12)		
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	
	Lithuania	2.0	0.3	2.78	0.27	1.35	0.22	0.1	0.0	c	0.2	13.2	20.5 (1.63)		
	Macao-China	0.3	0.4	1.57	2.15	0.36	0.99	0.0	0.0	0.0	4.5	3.5	13.9 (0.92)		
	Montenegro	3.0	0.0	3.51	0.59	1.05	1.10	0.0	0.1	0.0	0.3	10.0	19.7 (1.32)		
	Panama	1.9	0.0	0.02	0.14	0.56	4.06	0.2	0.3	0.0	1.2	22.3	30.7 (4.53)		
	Peru	1.8	0.4	0.99	0.97	1.36	2.09	0.2	c	c	c	26.7	36.4 (2.67)		
	Qatar	1.6	0.1	0.18	1.34	0.02	0.20	0.7	2.7	11.4	0.2	11.9	30.3 (1.10)		
	Romania	3.3	0.2	1.88	1.84	3.81	0.47	0.0	c	c	c	13.7	26.2 (2.10)		
	Russian Federation	2.3	0.1	0.78	2.15	2.31	0.84	0.0	0.1	0.0	0.7	10.5	19.9 (1.59)		
	Serbia	3.7	0.2	1.77	0.47	1.82	0.48	0.0	0.3	0.1	0.1	8.9	17.9 (1.34)		
	Shanghai-China	0.9	0.6	1.44	0.75	1.73	0.32	0.0	c	c	c	11.5	17.7 (1.86)		
	Singapore	1.4	0.1	0.27	1.70	2.28	0.01	0.1	0.2	0.1	1.5	13.6	21.3 (1.14)		
	Chinese Taipei	1.6	0.6	1.18	1.34	2.61	2.56	0.1	c	c	c	11.9	22.3 (1.74)		
	Thailand	1.1	0.4	0.06	4.01	1.28	0.31	0.0	c	c	c	12.3	19.4 (2.16)		
	Trinidad and Tobago	5.5	0.1	0.64	4.47	0.09	0.18	0.5	0.0	0.1	0.5	7.9	20.0 (1.22)		
	Tunisia	2.9	0.1	1.31	3.70	0.21	1.13	0.0	0.0	c	c	8.3	18.0 (2.08)		
	Uruguay	1.1	1.7	0.12	1.05	1.15	0.03	0.0	c	c	c	18.0	23.3 (1.49)		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Unique variance is the variance explained by each factor after taking into account the variance explained by the other factors in the model.

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[Part 1/1]

Percentage of students and reading performance, by family structure

Table II.2.5 Results based on students' self-reports

	Students from single-parent families						Students from other types of families						Difference in performance between students from single-parent families and other types of families, before accounting for ESCS		Difference in performance between students from single-parent families and other types of families, after accounting for ESCS		Increased likelihood of students in a single-parent family scoring in the bottom quarter of the reading performance distribution		Effect size for students from single-parent families and other types of families in reading performance	
	Percentage of students	PISA index of economic, social and cultural status (ESCS)		Reading performance		Percentage of students	PISA index of economic, social and cultural status (ESCS)		Reading performance		Score dif.	S.E.	Score dif.	S.E.	Ratio	S.E.	Effect size	S.E.		
		S.E.	Mean index	S.E.	Mean score		S.E.	Mean index	S.E.	Mean score									S.E.	
OECD																				
Australia	19.0 (0.5)	0.0 (0.0)	498 (3.0)	81.0 (0.5)	0.4 (0.0)	523 (2.4)	25 (2.8)	5 (2.6)	1.34 (0.05)	-0.23 (0.03)										
Austria	15.9 (0.6)	-0.1 (0.0)	471 (4.5)	84.1 (0.6)	0.1 (0.0)	477 (3.0)	6 (4.3)	-4 (3.8)	1.07 (0.08)	-0.05 (0.04)										
Belgium	17.5 (0.5)	-0.1 (0.0)	491 (3.2)	82.5 (0.5)	0.3 (0.0)	519 (2.4)	27 (3.3)	10 (2.9)	1.45 (0.08)	-0.25 (0.03)										
Canada	16.8 (0.4)	0.2 (0.0)	510 (2.3)	83.2 (0.4)	0.6 (0.0)	530 (1.5)	20 (2.4)	6 (2.3)	1.28 (0.06)	-0.21 (0.03)										
Chile	25.0 (0.6)	-0.6 (0.0)	452 (3.7)	75.0 (0.6)	-0.5 (0.0)	460 (3.0)	8 (3.3)	0 (2.9)	1.00 (0.08)	-0.02 (0.04)										
Czech Republic	18.3 (0.7)	-0.3 (0.0)	469 (4.4)	81.7 (0.7)	0.0 (0.0)	486 (2.7)	17 (3.6)	7 (3.4)	1.28 (0.09)	-0.18 (0.04)										
Denmark	16.9 (0.6)	0.0 (0.0)	482 (3.4)	83.1 (0.6)	0.4 (0.0)	500 (2.2)	18 (3.3)	2 (3.0)	1.23 (0.09)	-0.20 (0.04)										
Estonia	25.1 (0.9)	-0.1 (0.0)	501 (3.7)	74.9 (0.9)	0.2 (0.0)	504 (2.7)	3 (3.2)	-9 (3.0)	1.04 (0.07)	-0.01 (0.04)										
Finland	20.4 (0.7)	0.1 (0.0)	522 (3.6)	79.6 (0.7)	0.4 (0.0)	542 (2.3)	20 (3.5)	9 (3.6)	1.37 (0.10)	-0.22 (0.04)										
France	19.4 (0.8)	-0.4 (0.0)	483 (5.4)	80.6 (0.8)	-0.1 (0.0)	501 (3.5)	18 (5.0)	2 (4.7)	1.25 (0.09)	-0.17 (0.05)										
Germany	17.4 (0.6)	0.1 (0.0)	493 (5.2)	82.6 (0.6)	0.2 (0.0)	508 (2.6)	15 (4.6)	5 (4.1)	1.04 (0.11)	-0.14 (0.05)										
Greece	10.6 (0.5)	-0.2 (0.1)	470 (7.8)	89.4 (0.5)	0.0 (0.0)	489 (3.9)	19 (6.4)	9 (5.7)	1.29 (0.15)	-0.17 (0.07)										
Hungary	21.4 (0.7)	-0.4 (0.0)	485 (4.6)	78.6 (0.7)	-0.1 (0.0)	501 (3.1)	16 (4.4)	2 (3.7)	1.22 (0.09)	-0.16 (0.06)										
Iceland	16.9 (0.6)	0.4 (0.0)	485 (4.3)	83.1 (0.6)	0.8 (0.0)	506 (1.6)	21 (4.9)	9 (4.7)	1.34 (0.10)	-0.20 (0.05)										
Ireland	15.7 (0.6)	-0.2 (0.0)	478 (5.6)	84.3 (0.6)	0.1 (0.0)	504 (2.9)	25 (5.3)	13 (5.0)	1.43 (0.12)	-0.26 (0.05)										
Israel	11.7 (0.6)	-0.2 (0.0)	464 (7.1)	88.3 (0.6)	0.0 (0.0)	492 (3.3)	28 (6.9)	7 (6.1)	1.44 (0.11)	-0.18 (0.06)										
Italy	11.2 (0.3)	-0.2 (0.0)	484 (2.9)	88.8 (0.3)	-0.1 (0.0)	488 (1.6)	4 (2.8)	1 (2.6)	1.08 (0.05)	-0.03 (0.03)										
Japan	15.1 (0.5)	-0.4 (0.0)	495 (5.4)	84.9 (0.5)	0.1 (0.0)	526 (3.2)	31 (3.9)	10 (3.8)	1.46 (0.10)	-0.30 (0.04)										
Korea	12.8 (0.9)	-0.6 (0.0)	516 (7.5)	87.2 (0.9)	-0.1 (0.0)	544 (3.2)	28 (6.8)	10 (6.2)	1.52 (0.16)	-0.34 (0.08)										
Luxembourg	16.5 (0.6)	0.1 (0.0)	462 (4.2)	83.5 (0.6)	0.2 (0.0)	477 (1.3)	16 (4.4)	10 (4.1)	1.21 (0.09)	-0.13 (0.04)										
Mexico	21.5 (0.4)	-1.2 (0.0)	417 (3.0)	78.5 (0.4)	-1.2 (0.0)	435 (1.8)	19 (2.3)	13 (2.0)	1.33 (0.06)	-0.18 (0.03)										
Netherlands	14.6 (0.8)	0.1 (0.1)	497 (7.0)	85.4 (0.8)	0.3 (0.0)	515 (5.2)	18 (5.3)	8 (4.8)	1.29 (0.13)	-0.19 (0.06)										
New Zealand	19.6 (0.7)	-0.2 (0.0)	501 (4.8)	80.4 (0.7)	0.2 (0.0)	531 (2.3)	30 (4.9)	4 (4.6)	1.48 (0.10)	-0.25 (0.05)										
Norway	15.2 (0.7)	0.2 (0.0)	493 (4.3)	84.8 (0.7)	0.5 (0.0)	508 (2.4)	15 (3.5)	0 (3.7)	1.13 (0.08)	-0.14 (0.04)										
Poland	14.5 (0.6)	-0.5 (0.0)	484 (4.7)	85.5 (0.6)	-0.2 (0.0)	508 (2.5)	24 (3.9)	13 (3.9)	1.45 (0.11)	-0.24 (0.04)										
Portugal	16.5 (0.6)	-0.4 (0.1)	491 (4.5)	83.5 (0.6)	-0.3 (0.0)	493 (3.1)	2 (4.2)	-3 (3.9)	0.98 (0.09)	0.00 (0.05)										
Slovak Republic	15.6 (0.6)	-0.2 (0.0)	469 (4.8)	84.4 (0.6)	-0.1 (0.0)	482 (2.5)	13 (4.2)	4 (4.1)	1.24 (0.08)	-0.13 (0.05)										
Slovenia	12.2 (0.6)	0.0 (0.0)	486 (3.7)	87.8 (0.6)	0.1 (0.0)	489 (1.3)	4 (4.3)	-3 (3.9)	1.00 (0.11)	-0.02 (0.05)										
Spain	13.6 (0.4)	-0.5 (0.0)	472 (3.1)	86.4 (0.4)	-0.3 (0.0)	485 (2.1)	12 (2.9)	5 (2.8)	1.20 (0.07)	-0.13 (0.03)										
Sweden	15.2 (0.7)	-0.1 (0.0)	477 (4.7)	84.8 (0.7)	0.4 (0.0)	505 (2.9)	28 (4.7)	5 (4.4)	1.36 (0.10)	-0.25 (0.05)										
Switzerland	17.7 (0.6)	0.0 (0.0)	499 (3.5)	82.3 (0.6)	0.1 (0.0)	503 (2.6)	4 (3.7)	-2 (4.0)	1.03 (0.07)	-0.03 (0.04)										
Turkey	7.8 (0.4)	-1.1 (0.1)	468 (6.6)	92.2 (0.4)	-1.1 (0.0)	477 (3.4)	8 (5.6)	3 (5.2)	1.28 (0.18)	-0.04 (0.07)										
United Kingdom	22.3 (0.5)	-0.1 (0.0)	483 (3.1)	77.7 (0.5)	0.3 (0.0)	502 (2.4)	19 (3.0)	0 (2.9)	1.25 (0.08)	-0.18 (0.03)										
United States	24.3 (0.9)	-0.2 (0.0)	470 (4.1)	75.7 (0.9)	0.3 (0.0)	515 (3.8)	44 (4.4)	23 (3.2)	1.73 (0.12)	-0.43 (0.04)										
OECD average	16.9 (0.1)	-0.2 (0.0)	483 (0.8)	83.1 (0.1)	0.1 (0.0)	501 (0.5)	18 (0.7)	5 (0.7)	1.28 (0.02)	-0.17 (0.01)										
Partners																				
Albania	8.6 (0.6)	-1.1 (0.1)	364 (7.6)	91.4 (0.6)	-0.9 (0.0)	394 (4.0)	30 (7.4)	22 (7.6)	1.49 (0.16)	-0.28 (0.07)										
Argentina	24.3 (0.9)	-0.8 (0.1)	385 (6.3)	75.7 (0.9)	-0.5 (0.1)	412 (4.9)	27 (5.7)	10 (4.6)	1.32 (0.10)	-0.19 (0.05)										
Azerbaijan	7.3 (0.7)	-0.8 (0.1)	354 (7.2)	92.7 (0.7)	-0.6 (0.0)	364 (3.3)	10 (6.6)	6 (6.3)	1.19 (0.18)	-0.11 (0.09)										
Brazil	23.7 (0.5)	-1.2 (0.0)	407 (3.6)	76.3 (0.5)	-1.1 (0.0)	428 (2.9)	21 (2.6)	9 (2.6)	1.15 (0.06)	-0.11 (0.03)										
Bulgaria	17.7 (0.8)	-0.3 (0.1)	410 (8.6)	82.3 (0.8)	0.0 (0.0)	449 (5.9)	39 (6.1)	17 (4.8)	1.52 (0.13)	-0.27 (0.05)										
Colombia	29.3 (1.0)	-1.2 (0.1)	411 (4.0)	70.7 (1.0)	-1.1 (0.1)	432 (3.8)	21 (3.5)	7 (3.2)	1.17 (0.10)	-0.11 (0.04)										
Croatia	10.8 (0.5)	-0.3 (0.0)	482 (5.4)	89.2 (0.5)	-0.2 (0.0)	477 (2.7)	-5 (4.6)	-9 (3.9)	0.88 (0.09)	0.06 (0.05)										
Dubai (UAE)	11.2 (0.5)	0.2 (0.0)	427 (4.5)	88.8 (0.5)	0.5 (0.0)	471 (1.4)	44 (4.9)	25 (4.8)	1.55 (0.11)	-0.38 (0.05)										
Hong Kong-China	12.3 (0.5)	-1.0 (0.0)	521 (4.1)	87.7 (0.5)	-0.8 (0.0)	536 (2.1)	15 (4.0)	9 (3.9)	1.23 (0.09)	-0.16 (0.05)										
Indonesia	7.9 (0.6)	-1.6 (0.1)	386 (6.4)	92.1 (0.6)	-1.5 (0.1)	416 (4.2)	30 (5.7)	18 (4.6)	1.50 (0.16)	-0.30 (0.07)										
Jordan	10.3 (0.5)	-0.7 (0.1)	370 (5.7)	89.7 (0.5)	-0.5 (0.0)	418 (3.5)	47 (5.9)	38 (5.8)	1.88 (0.14)	-0.47 (0.06)										
Kazakhstan	19.6 (0.7)	-0.7 (0.0)	401 (5.0)	80.4 (0.7)	-0.5 (0.0)	392 (3.2)	-9 (4.4)	-19 (4.3)	0.91 (0.09)	0.12 (0.05)										
Kyrgyzstan	22.2 (0.8)	-0.6 (0.0)	324 (4.0)	77.8 (0.8)	-0.6 (0.0)	320 (3.7)	-4 (4.0)	-9 (3.4)	0.87 (0.06)	0.09 (0.04)										
Latvia	25.3 (0.9)	-0.3 (0.0)	480 (3.9)	74.7 (0.9)	-0.1 (0.0)	490 (3.0)	10 (3.4)	-1 (3.0)	1.04 (0.09)	-0.06 (0.04)										
Liechtenstein	19.6 (2.0)	0.1 (0.1)	481 (9.3)	80.4 (2.0)	0.1 (0.1)	503 (4.2)	22 (12.1)	21 (11.3)	1.13 (0.28)	-0.27 (0.15)										
Lithuania	21.7 (0.7)	-0.3 (0.0)	455 (3.5)	78.3 (0.7)	0.0 (0.0)	474 (2.4)	19 (3.1)	6 (2.6)	1.37 (0.08)	-0.20 (0.03)										
Macao-China	14.9 (0.5)	-0.9 (0.0)	485 (2.7)	85.1 (0.5)	-0.7 (0.0)	489 (1.0)	4 (3.0)	1 (3.0)	1.09 (0.07)	-0.04 (0.04)										
Montenegro	10.1 (0.5)	-0.3 (0.1)	411 (4.8)	89.9 (0.5)	-0.2 (0.0)	412 (1.7)	1 (4.8)	-2 (4.4)	1.01 (0.11)	0.01 (0.05)										
Panama	27.5 (1.2)	-0.8 (0.1)	368 (7.5)	72.5 (1.2)	-0.7 (0.1)	402 (6.3)	35 (7.3)	16 (6.0)	1.20 (0.14)	-0.18 (0.08)										
Peru	19.7 (0.6)	-1.2 (0.1)	383 (5.2)	80.3 (0.6)	-1.3 (0.0)	369 (3.9)	-14 (3.7)	-9 (3.0)	0.79 (0.06)	0.15 (0.04)										
Qatar	12.2 (0.4)	0.3 (0.0)	320 (3.6)	87.8 (0.4)	0.6 (0.0)	401 (1.2)	81 (4.0)	61 (4.0)	2.08 (0.09)	-0.62 (0.04)										
Romania	12.6 (0.5)	-0.5 (0.1)	416 (6.0)	87.4 (0.5)	-0.3 (0.0)	431 (4.1)	15 (5.2)	4 (4.3)	1.15 (0.10)	-0.13 (0.06)										
Russian Federation	25.6 (0.7)	-0.3 (0.0)	458 (3.8)	74.4 (0.7)	-0.2 (0.0)	463 (3.8)	5 (3.5)	-3 (3.0)	1.11 (0.06)	-0.04 (0.04)										
Serbia	12.8 (0.5)	0.0 (0.0)	442 (4.0)	87.2 (0.5)	0.1 (0.0)	446 (2.2)	4 (3.8)	0 (3.7)	1.11 (0.09)	-0.03 (0.04)										
Shanghai-China	10.6 (0.4)	-0.5 (0.1)	553 (5.0)	89.4 (0.4)	-0.5 (0.0)	558 (2.2)	4 (4.4)	3 (4.2)	1.10 (0.09)	-0.05 (0.05)										
Singapore	11.2 (0.4)	-0.6 (0.0)	503 (4.5)	88.8 (0.4)	-0.4 (0.0)	532 (1.2)	29 (4.8)	15 (4.6)	1.47 (0.10)	-0.27 (0.05)										
Chinese Taipei	13.6 (0.5)	-0.6 (0.0)	478 (4.9)	86.4 (0.5)	-0.3 (0.0)	501 (2.6)	22 (4.6)	9 (4.0)	1.43 (0.11)	-0.22 (0.05)										
Thailand	17.9 (0.8)	-1.3 (0.1)	422 (3.6)	82.1 (0.8)	-1.3 (0.0)	436 (2.9)	14 (3.5)	3 (2.8)	1.01 (0.11)	-0.07 (0.04)										
Trinidad and Tobago	28.4 (0.7)	-0.7 (0.0)	399 (3.5)	71.6 (0.7)	-0.5 (0.0)	446 (1.9)	46 (4.4)	28 (4.3)	1.40 (0.09)	-0.31 (0.04)										
Tunisia	7.1 (0.5)	-1.2 (0.1)	383 (8.7)	92.9 (0.5)	-1.2 (0.1)	415 (3.2)	32 (8.5)	25 (8.2)	1.49 (0.18)	-0.28 (0.09)										
Uruguay	25.4 (0.7)	-0.8 (0.0)	422 (3.3)	74.6 (0.7)	-0.6 (0.0)	435 (2.8)	13 (3.3)	3 (3.0)	1.15 (0.08)	-0.10 (0.03)										


Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 1/3]

Reading performance and socio-economic background, by school location

Table II.2.6 Results based on students' self-reports and school principals' reports

	Percentage of students										Average performance in reading											
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a small town (3 000 to about 15 000 people)		Students attending schools located in a town (15 000 to about 100 000 people)		Students attending schools located in a city (100 000 to about 1 000 000 people)		Students attending schools located in a large city (with over 1 000 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a small town (3 000 to about 15 000 people)		Students attending schools located in a town (15 000 to about 100 000 people)		Students attending schools located in a city (100 000 to about 1 000 000 people)		Students attending schools located in a large city (with over 1 000 000 people)			
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.		
OECD	4.0	(0.8)	12.0	(1.9)	18.8	(2.1)	25.9	(2.2)	39.3	(2.6)	477	(6.3)	492	(4.6)	497	(4.8)	530	(4.6)	531	(4.7)		
Austria	11.2	(2.3)	36.9	(3.8)	20.6	(3.5)	13.2	(2.0)	18.0	(1.7)	440	(15.4)	467	(7.8)	486	(9.6)	492	(13.6)	461	(9.0)		
Belgium	3.5	(1.2)	22.9	(2.3)	50.8	(3.3)	12.9	(2.1)	9.9	(1.8)	522	(28.4)	523	(6.7)	507	(4.6)	499	(12.9)	490	(15.9)		
Canada	7.6	(0.8)	16.1	(1.5)	26.5	(2.1)	32.8	(2.3)	16.8	(1.9)	503	(3.6)	511	(2.8)	528	(3.2)	529	(3.0)	541	(5.9)		
Chile	1.5	(0.8)	7.9	(2.2)	27.9	(3.9)	41.5	(4.0)	21.2	(3.2)	366	(14.3)	405	(10.1)	443	(7.1)	463	(5.8)	461	(9.8)		
Czech Republic	11.6	(1.7)	25.1	(3.0)	44.4	(3.0)	9.7	(2.1)	9.2	(1.2)	440	(8.1)	470	(7.3)	482	(4.9)	491	(17.6)	517	(8.3)		
Denmark	22.5	(2.7)	27.5	(3.3)	35.1	(3.0)	10.6	(1.9)	4.3	(0.8)	482	(4.2)	500	(5.0)	503	(3.7)	498	(6.6)	489	(9.3)		
Estonia	26.4	(1.9)	26.0	(2.5)	21.3	(2.4)	26.3	(1.6)	c	c	486	(4.4)	498	(4.9)	503	(6.8)	519	(5.3)	c	c		
Finland	11.2	(1.9)	26.7	(2.9)	36.4	(3.9)	25.8	(3.1)	c	c	525	(7.2)	532	(4.3)	538	(3.3)	543	(5.2)	c	c		
France	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w		
Germany	2.9	(0.8)	22.8	(3.1)	50.6	(3.3)	17.4	(2.7)	6.3	(1.2)	437	(26.9)	498	(7.7)	510	(5.5)	484	(13.1)	510	(13.4)		
Greece	5.9	(1.7)	25.2	(2.8)	43.3	(3.2)	11.8	(2.1)	13.8	(2.3)	472	(20.9)	483	(6.2)	479	(9.2)	493	(13.8)	493	(10.7)		
Hungary	3.2	(1.1)	17.2	(3.1)	38.4	(4.3)	22.5	(2.9)	18.8	(2.1)	381	(18.0)	458	(15.0)	499	(7.5)	515	(9.3)	514	(10.2)		
Iceland	22.9	(0.2)	22.3	(0.2)	25.1	(0.2)	29.7	(0.2)	c	c	494	(2.9)	505	(3.4)	491	(2.9)	508	(2.7)	c	c		
Ireland	21.6	(3.8)	36.0	(4.3)	16.9	(3.0)	13.7	(3.0)	11.9	(2.8)	478	(10.4)	496	(5.7)	500	(9.7)	526	(10.8)	491	(12.6)		
Israel	12.7	(2.4)	12.9	(2.6)	29.4	(3.2)	36.1	(3.7)	8.9	(2.3)	489	(12.6)	442	(14.7)	462	(8.8)	496	(7.8)	528	(12.8)		
Italy	1.4	(0.4)	15.8	(1.5)	51.4	(2.0)	23.0	(1.7)	8.4	(1.2)	422	(14.4)	473	(7.6)	488	(3.0)	495	(5.2)	493	(11.9)		
Japan	c	c	2.0	(1.0)	28.8	(2.9)	47.2	(3.4)	22.1	(2.9)	c	c	487	(13.6)	508	(9.2)	523	(5.1)	541	(12.0)		
Korea	0.9	(0.6)	6.2	(2.3)	7.0	(2.1)	40.5	(2.8)	45.4	(2.2)	615	(19.9)	478	(16.9)	550	(13.5)	547	(5.0)	537	(4.4)		
Luxembourg	0.5	(0.1)	31.5	(0.1)	64.9	(0.1)	3.1	(0.0)	c	c	514	(14.6)	459	(2.0)	474	(1.5)	564	(6.9)	c	c		
Mexico	16.1	(1.3)	16.9	(1.4)	21.3	(1.6)	27.2	(1.5)	18.5	(1.4)	374	(7.1)	391	(4.5)	430	(4.3)	449	(3.1)	462	(5.2)		
Netherlands	0.8	(0.6)	17.4	(3.3)	54.1	(3.9)	27.6	(3.4)	c	c	483	(40.0)	486	(10.7)	512	(7.8)	521	(10.8)	c	c		
New Zealand	4.5	(0.8)	16.0	(2.0)	23.9	(2.8)	25.9	(2.4)	29.6	(2.7)	495	(5.1)	512	(6.6)	514	(6.6)	551	(6.2)	519	(6.2)		
Norway	19.7	(1.9)	36.2	(3.5)	26.4	(3.0)	17.7	(2.8)	c	c	487	(5.2)	503	(3.7)	507	(3.8)	519	(6.5)	c	c		
Poland	33.4	(1.9)	21.7	(2.3)	22.4	(1.8)	19.1	(1.4)	3.3	(1.3)	483	(3.7)	499	(5.3)	514	(5.6)	516	(6.0)	537	(15.4)		
Portugal	8.8	(2.6)	27.4	(3.3)	42.2	(3.6)	16.0	(2.6)	5.6	(1.6)	447	(11.6)	474	(5.8)	492	(4.5)	523	(8.1)	526	(16.0)		
Slovak Republic	10.5	(1.7)	18.4	(3.7)	53.7	(3.7)	17.4	(2.5)	c	c	423	(5.5)	467	(11.8)	487	(4.7)	495	(7.1)	c	c		
Slovenia	2.1	(0.5)	13.0	(0.3)	48.0	(0.4)	25.2	(0.2)	11.6	(0.1)	428	(11.9)	492	(4.1)	477	(1.1)	501	(2.2)	475	(2.9)		
Spain	4.1	(0.8)	26.1	(1.9)	34.2	(2.4)	26.5	(2.0)	9.1	(0.8)	459	(5.1)	464	(3.8)	480	(3.1)	493	(5.2)	516	(5.1)		
Sweden	13.9	(2.6)	26.6	(2.8)	34.3	(3.2)	25.1	(2.6)	c	c	489	(6.3)	489	(5.1)	505	(5.0)	507	(7.6)	c	c		
Switzerland	10.7	(1.9)	48.4	(3.0)	27.2	(3.0)	13.7	(1.9)	c	c	478	(4.0)	490	(5.0)	516	(9.0)	527	(10.1)	c	c		
Turkey	3.0	(0.9)	9.7	(2.0)	28.1	(3.9)	27.9	(3.7)	31.3	(3.2)	360	(13.4)	443	(11.0)	467	(8.4)	481	(8.7)	464	(7.0)		
United Kingdom	6.8	(1.9)	23.1	(2.7)	38.7	(3.9)	20.8	(2.8)	10.5	(2.0)	512	(11.6)	505	(4.4)	497	(4.9)	493	(8.3)	487	(10.4)		
United States	11.9	(1.7)	17.8	(3.2)	31.9	(3.4)	27.1	(3.3)	11.3	(2.2)	491	(9.3)	502	(9.8)	506	(5.0)	504	(10.1)	485	(15.1)		
OECD average	9.9	(0.3)	21.6	(0.5)	34.1	(0.5)	23.1	(0.4)	16.0	(0.4)	467	(2.5)	482	(1.4)	495	(1.1)	509	(1.5)	503	(2.1)		
Partners	25.0	(1.6)	20.0	(2.9)	27.7	(3.3)	27.3	(3.3)	c	c	347	(7.7)	368	(6.2)	394	(8.9)	426	(7.6)	c	c		
Albania	8.3	(1.9)	16.6	(2.5)	32.5	(4.0)	26.6	(3.4)	15.9	(3.1)	340	(12.1)	359	(10.6)	399	(10.1)	418	(12.4)	447	(11.1)		
Azerbaijan	31.9	(2.9)	17.1	(3.2)	9.6	(2.0)	12.7	(2.6)	28.7	(1.5)	344	(5.5)	342	(10.4)	377	(7.6)	351	(6.3)	395	(5.5)		
Brazil	4.4	(0.8)	14.3	(1.9)	31.4	(2.4)	31.8	(2.6)	18.1	(2.0)	356	(8.9)	379	(6.0)	413	(6.1)	433	(5.5)	418	(7.6)		
Bulgaria	5.2	(1.6)	17.6	(2.5)	38.6	(3.6)	23.3	(2.9)	15.2	(1.9)	328	(18.9)	397	(8.9)	418	(10.9)	474	(13.1)	476	(14.8)		
Colombia	10.9	(2.0)	20.7	(3.8)	20.8	(3.6)	23.0	(3.5)	24.5	(2.3)	382	(9.8)	391	(9.8)	404	(7.0)	417	(9.6)	451	(4.2)		
Croatia	1.2	(0.9)	18.0	(2.5)	44.3	(2.6)	16.6	(1.3)	19.8	(1.1)	445	(20.7)	472	(8.0)	465	(4.5)	488	(7.8)	496	(7.6)		
Dubai (UAE)	1.5	(0.0)	5.0	(0.1)	4.8	(0.1)	32.6	(0.1)	56.1	(0.1)	430	(7.0)	373	(4.1)	416	(5.0)	436	(2.0)	487	(1.7)		
Hong Kong-China	c	c	c	c	c	c	c	c	100.0	(0.0)	c	c	c	c	c	c	c	c	c	534	(2.1)	
Indonesia	22.2	(3.4)	43.0	(4.2)	14.7	(3.2)	13.2	(3.2)	6.7	(2.2)	376	(6.4)	397	(4.4)	412	(11.1)	442	(8.1)	416	(16.6)		
Jordan	6.1	(1.3)	26.8	(2.7)	26.8	(3.3)	18.6	(3.0)	21.6	(2.5)	363	(14.7)	396	(6.5)	406	(6.5)	413	(8.6)	426	(7.5)		
Kazakhstan	32.7	(3.1)	17.1	(2.9)	10.8	(2.7)	32.0	(2.7)	7.3	(0.3)	367	(4.8)	369	(7.9)	385	(16.2)	419	(6.9)	431	(10.2)		
Kyrgyzstan	52.0	(2.8)	19.9	(2.6)	13.2	(1.6)	10.0	(1.3)	4.9	(1.0)	284	(4.0)	313	(7.7)	338	(12.9)	398	(14.7)	420	(14.1)		
Latvia	32.3	(2.3)	21.8	(2.9)	18.6	(2.1)	27.2	(1.5)	c	c	462	(5.0)	489	(4.5)	490	(7.2)	503	(6.6)	c	c		
Liechtenstein	21.2	(0.4)	78.8	(0.4)	c	c	c	c	c	c	465	(7.0)	509	(3.4)	c	c	c	c	c	c		
Lithuania	23.4	(1.2)	20.7	(2.7)	20.3	(2.5)	35.6	(1.0)	c	c	440	(4.2)	463	(5.9)	480	(7.9)	485	(5.0)	c	c		
Macao-China	c	c	c	c	c	c	100.0	(0.0)	c	c	c	c	c	c	c	c	c	c	c	487	(0.9)	
Montenegro	1.1	(0.4)	15.3	(0.3)	53.6	(0.9)	30.0	(1.2)	c	c	371	(22.9)	403	(2.3)	405	(1.6)	417	(5.8)	c	c		
Panama	12.8	(3.6)	30.7	(4.7)	23.6	(3.7)	27.1	(4.1)	5.8	(1.9)	295	(15.5)	347	(9.8)	387	(9.0)	426	(16.1)	443	(25.9)		
Peru	17.3	(2.1)	23.5	(3.1)	21.3	(2.6)	28.6	(3.2)	9.3	(2.0)	297	(6.0)	334	(6.4)	368	(5.7)	425	(7.0)	435	(15.5)		
Qatar	3.9	(0.1)	28.5	(0.1)	25.6	(0.1)	32.6	(0.1)	9.4	(0.1)	353	(4.4)	336	(1.6)	346	(1.5)	404	(1.8)	462	(3.3)		
Romania	9.2	(1.6)	15.5	(3.1)	38.3	(4.1)	28.0	(3.9)	9.1	(2.5)	371	(16.2)	419	(8.8)	423	(8.1)	443	(9.5)	438	(21.3)		
Russian Federation	20.1	(2.7)	17.4	(3.2)	16.3	(2.8)	32.7	(2.9)	13.6	(1.4)	436	(7.5)	447	(4.3)	452	(7.4)	468	(6.3)	507	(11.1)		
Serbia	0.4	(0.2)	13.9	(2.9)	37.5	(3.8)	27.0	(2.6)	21.2	(1.4)	432	(19.5)	409	(11.3)	436	(5.2)	449	(5.7)	467	(5.7)		
Shanghai-China	c	c	c	c	c	c	c	c	100.0	(0.0)	c	c	c	c	c	c	c	c	c	556	(2.4)	
Singapore	c	c	c	c	c	c	c	c	100.0	(0.0)	c	c	c	c	c	c	c	c	c	c	527	(1.1)
Chinese Taipei	c	c	7.1	(1.9)	32.0	(3.6)	36.9	(3.6)	24.0	(2.7)	c	c	468	(11.3)	479	(5.2)	506	(5.8)	510	(8.7)		
Thailand	18.3	(2.3)	19.7	(3.4)	37.1	(3.8)	16.8	(2.7)	8.2	(1.9)	391	(6.2)	407	(4.3)	424	(4.5)	446	(8.4)	464	(9.5)		
Trinidad and Tobago	20.7	(0.2)	42.4	(0.3)	36.9	(0.3)	c	c	c	c	394	(2.8)	410	(2.1)	455	(2.3)	c	c	c	c		
Tunisia	6.2	(1.6)	30.2	(3.6)	44.8	(3.9)	14.9	(3.2)	4.1	(1.7)	365	(13.4)	389	(6.8)	401	(5.1)	437	(11.0)	480	(18.7)		
Uruguay	5.7	(0.9)	12.5	(1.3)	38.3	(2.6)	7.5	(1.8)	36.0	(1.9)	382	(9.6)	407	(6.7)	418	(4.6)	401	(13.7)	457	(4.7)		

Note: Values that are statistically significant are indicated in bold (see Annex A3).
StatLink  <http://dx.doi.org/10.1787/888932343285>



[Part 2/3]

Reading performance and socio-economic background, by school location

Table II.2.6 Results based on students' self-reports and school principals' reports


	PISA index of economic, social and cultural status (ESCS)										Average performance in reading after accounting for ESCS										
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a small town (3 000 to about 15 000 people)		Students attending schools located in a town (15 000 to about 100 000 people)		Students attending schools located in a city (100 000 to about 1 000 000 people)		Students attending schools located in a large city (with over 1 000 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a small town (3 000 to about 15 000 people)		Students attending schools located in a town (15 000 to about 100 000 people)		Students attending schools located in a city (100 000 to about 1 000 000 people)		Students attending schools located in a large city (with over 1 000 000 people)		
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
OECD																					
Australia	-0.01 (0.04)	0.11 (0.03)	0.19 (0.03)	0.47 (0.03)	0.44 (0.04)	0.05 (0.07)	493 (5.9)	502 (4.3)	503 (3.7)	525 (3.8)	526 (3.8)										
Austria	-0.02 (0.09)	-0.01 (0.04)	0.14 (0.06)	0.20 (0.10)	0.05 (0.07)	444 (12.4)	470 (6.8)	482 (7.6)	485 (10.1)	462 (7.3)											
Belgium	0.43 (0.19)	0.24 (0.05)	0.16 (0.03)	0.14 (0.10)	0.27 (0.15)	511 (20.2)	521 (5.1)	508 (3.4)	501 (9.3)	487 (9.9)											
Canada	0.24 (0.05)	0.32 (0.03)	0.52 (0.03)	0.59 (0.03)	0.60 (0.07)	511 (3.2)	517 (2.5)	528 (2.8)	526 (2.6)	538 (4.5)											
Chile	-1.80 (0.10)	-1.42 (0.11)	-0.72 (0.12)	-0.37 (0.08)	-0.33 (0.13)	400 (14.1)	428 (8.7)	447 (5.1)	458 (4.8)	455 (7.4)											
Czech Republic	-0.34 (0.05)	-0.21 (0.03)	-0.05 (0.02)	0.01 (0.07)	0.29 (0.04)	451 (7.0)	476 (6.4)	480 (4.3)	486 (16.5)	500 (7.0)											
Denmark	0.13 (0.04)	0.36 (0.06)	0.40 (0.04)	0.24 (0.06)	0.04 (0.09)	488 (3.7)	498 (3.8)	499 (3.0)	500 (5.2)	498 (7.3)											
Estonia	-0.15 (0.03)	0.16 (0.03)	0.17 (0.06)	0.43 (0.04)	c	494 (4.4)	498 (4.6)	503 (5.7)	511 (4.6)	c	c										
Finland	0.12 (0.03)	0.27 (0.03)	0.37 (0.03)	0.58 (0.05)	c	533 (7.7)	535 (4.3)	538 (2.9)	537 (4.4)	c	c										
France	w	w	w	w	w	w	w	w	w	w	w										
Germany	-0.16 (0.16)	0.12 (0.05)	0.24 (0.04)	0.11 (0.10)	0.27 (0.10)	452 (22.2)	501 (6.2)	508 (4.4)	488 (9.7)	506 (10.1)											
Greece	-0.77 (0.15)	-0.14 (0.06)	0.03 (0.06)	0.18 (0.09)	0.15 (0.11)	498 (17.1)	488 (5.6)	477 (7.5)	486 (11.7)	487 (10.0)											
Hungary	-1.14 (0.15)	-0.66 (0.13)	-0.20 (0.05)	-0.07 (0.07)	0.26 (0.08)	422 (14.2)	478 (10.1)	499 (5.8)	509 (7.1)	495 (8.5)											
Iceland	0.31 (0.03)	0.78 (0.03)	0.75 (0.03)	0.94 (0.02)	c	506 (3.4)	503 (3.3)	490 (2.8)	502 (2.8)	c	c										
Ireland	-0.10 (0.06)	-0.04 (0.04)	0.14 (0.09)	0.31 (0.13)	0.07 (0.16)	484 (9.9)	500 (5.2)	496 (7.1)	514 (8.1)	490 (8.1)											
Israel	0.06 (0.09)	-0.16 (0.11)	-0.09 (0.06)	0.01 (0.05)	0.27 (0.09)	486 (10.7)	446 (12.8)	464 (7.6)	495 (6.6)	518 (11.0)											
Italy	-0.60 (0.07)	-0.34 (0.05)	-0.16 (0.02)	0.04 (0.04)	0.15 (0.09)	437 (14.3)	480 (6.4)	489 (2.7)	490 (4.4)	485 (10.0)											
Japan	c	-0.33 (0.15)	-0.13 (0.04)	0.02 (0.03)	0.12 (0.05)	c	500 (10.8)	512 (8.4)	522 (4.5)	536 (10.5)											
Korea	0.84 (0.22)	-0.60 (0.11)	-0.17 (0.10)	-0.15 (0.05)	-0.11 (0.04)	586 (13.6)	492 (16.0)	551 (11.4)	547 (4.3)	536 (3.8)											
Luxembourg	0.23 (0.18)	-0.05 (0.03)	0.23 (0.02)	1.18 (0.05)	c	512 (16.3)	470 (2.2)	472 (1.6)	520 (7.3)	c	c										
Mexico	-2.25 (0.08)	-1.73 (0.05)	-1.25 (0.04)	-0.72 (0.05)	-0.53 (0.07)	392 (6.7)	400 (4.4)	431 (3.9)	441 (2.7)	450 (4.9)											
Netherlands	0.36 (0.15)	0.18 (0.06)	0.27 (0.03)	0.32 (0.08)	c	480 (33.9)	489 (9.1)	512 (6.9)	519 (8.7)	c	c										
New Zealand	-0.23 (0.04)	-0.06 (0.05)	-0.01 (0.05)	0.29 (0.05)	0.12 (0.05)	511 (6.2)	519 (4.8)	519 (5.6)	541 (4.5)	517 (4.5)											
Norway	0.28 (0.03)	0.43 (0.02)	0.53 (0.04)	0.67 (0.05)	c	494 (5.4)	505 (3.7)	505 (3.2)	512 (5.6)	c	c										
Poland	-0.62 (0.03)	-0.41 (0.04)	-0.08 (0.04)	0.12 (0.08)	0.26 (0.18)	495 (3.3)	503 (4.8)	507 (4.8)	501 (4.4)	517 (10.2)											
Portugal	-0.94 (0.10)	-0.57 (0.08)	-0.35 (0.05)	0.30 (0.12)	0.38 (0.23)	464 (9.7)	481 (4.8)	492 (3.9)	507 (6.1)	508 (12.3)											
Slovak Republic	-0.39 (0.06)	-0.20 (0.08)	-0.07 (0.03)	0.11 (0.05)	c	435 (4.8)	471 (9.2)	486 (4.0)	488 (6.4)	c	c										
Slovenia	-0.35 (0.06)	0.04 (0.03)	0.01 (0.02)	0.24 (0.03)	0.10 (0.03)	444 (11.2)	493 (3.9)	480 (1.3)	495 (2.3)	474 (3.1)											
Spain	-0.74 (0.07)	-0.60 (0.05)	-0.29 (0.06)	-0.11 (0.07)	0.01 (0.15)	472 (4.7)	472 (3.4)	480 (3.1)	487 (4.0)	507 (3.6)											
Sweden	0.18 (0.04)	0.18 (0.04)	0.39 (0.04)	0.49 (0.06)	c	496 (5.2)	496 (4.4)	503 (4.0)	500 (6.0)	c	c										
Switzerland	-0.12 (0.07)	0.00 (0.03)	0.14 (0.06)	0.40 (0.08)	c	485 (3.5)	493 (4.1)	514 (7.7)	516 (8.7)	c	c										
Turkey	-2.50 (0.22)	-1.53 (0.16)	-1.19 (0.10)	-1.00 (0.10)	-1.05 (0.09)	397 (12.2)	453 (8.4)	468 (6.6)	477 (6.4)	461 (5.5)											
United Kingdom	0.32 (0.09)	0.24 (0.04)	0.20 (0.04)	0.19 (0.07)	0.14 (0.11)	507 (9.2)	504 (3.2)	497 (4.0)	494 (6.3)	490 (8.2)											
United States	0.00 (0.05)	0.20 (0.09)	0.25 (0.07)	0.22 (0.11)	-0.04 (0.17)	499 (8.1)	500 (6.5)	503 (3.2)	502 (6.3)	493 (9.2)											
OECD average	-0.30 (0.02)	-0.16 (0.01)	0.01 (0.01)	0.19 (0.01)	0.1 (0.02)	477 (2.1)	487 (1.2)	495 (0.9)	502 (1.2)	497 (1.6)											
Partners																					
Albania	-1.60 (0.05)	-1.14 (0.06)	-0.77 (0.06)	-0.41 (0.08)	c	362 (7.2)	372 (6.5)	390 (8.0)	413 (6.5)	c	c										
Argentina	-1.40 (0.14)	-0.91 (0.09)	-0.67 (0.11)	-0.38 (0.11)	-0.18 (0.15)	367 (9.5)	370 (9.1)	401 (7.7)	409 (9.6)	432 (7.7)											
Azerbaijan	-1.13 (0.04)	-0.93 (0.08)	-0.44 (0.07)	-0.47 (0.06)	-0.07 (0.06)	351 (5.5)	346 (10.1)	374 (7.8)	348 (6.0)	387 (5.0)											
Brazil	-2.10 (0.09)	-1.72 (0.05)	-1.29 (0.05)	-0.85 (0.08)	-0.80 (0.06)	378 (8.8)	392 (6.1)	416 (5.3)	426 (4.2)	410 (6.6)											
Bulgaria	-1.02 (0.19)	-0.40 (0.08)	-0.23 (0.06)	0.18 (0.06)	0.41 (0.09)	367 (16.7)	410 (6.1)	423 (9.1)	461 (11.3)	454 (12.3)											
Colombia	-1.99 (0.13)	-1.64 (0.10)	-1.27 (0.11)	-0.89 (0.14)	-0.52 (0.06)	402 (8.2)	403 (8.6)	407 (5.4)	410 (7.1)	436 (3.5)											
Croatia	-0.54 (0.12)	-0.36 (0.06)	-0.31 (0.04)	0.01 (0.06)	0.16 (0.07)	456 (24.4)	477 (6.8)	469 (4.2)	483 (7.0)	486 (6.8)											
Dubai (UAE)	-0.45 (0.08)	-0.01 (0.03)	-0.05 (0.05)	0.25 (0.02)	0.63 (0.01)	466 (7.2)	391 (4.5)	436 (5.2)	443 (2.1)	478 (1.8)											
Hong Kong-China	c	c	c	c	c	-0.81 (0.04)	c	c	c	c	c										
Indonesia	-1.90 (0.10)	-1.71 (0.07)	-1.40 (0.15)	-0.96 (0.16)	-0.87 (0.24)	380 (6.3)	399 (4.1)	410 (10.3)	435 (7.8)	408 (13.8)											
Jordan	-1.01 (0.08)	-0.81 (0.08)	-0.62 (0.07)	-0.44 (0.08)	-0.19 (0.08)	373 (13.8)	402 (6.4)	407 (5.8)	410 (7.5)	417 (6.6)											
Kazakhstan	-0.80 (0.05)	-0.58 (0.05)	-0.44 (0.13)	-0.29 (0.05)	-0.13 (0.12)	376 (4.6)	371 (7.5)	383 (14.0)	411 (5.8)	419 (8.1)											
Kyrgyzstan	-0.95 (0.03)	-0.63 (0.05)	-0.39 (0.07)	0.18 (0.12)	0.14 (0.08)	292 (3.8)	312 (7.3)	331 (11.2)	377 (12.3)	399 (12.6)											
Latvia	-0.50 (0.04)	-0.10 (0.04)	-0.08 (0.06)	0.26 (0.07)	c	472 (4.7)	489 (4.3)	488 (6.2)	493 (5.5)	c	c										
Liechtenstein	-0.22 (0.10)	0.17 (0.05)	c	c	c	472 (7.3)	507 (3.6)	c	c	c	c										
Lithuania	-0.54 (0.05)	-0.11 (0.05)	-0.01 (0.06)	0.30 (0.04)	c	455 (4.3)	465 (5.0)	479 (6.7)	474 (4.8)	c	c										
Macao-China	c	c	c	c	c	-0.70 (0.01)	c	c	c	c	c										
Montenegro	-1.02 (0.25)	-0.22 (0.03)	-0.31 (0.01)	-0.12 (0.06)	c	394 (18.1)	402 (2.3)	407 (1.7)	414 (4.5)	c	c										
Panama	-1.62 (0.14)	-1.24 (0.13)	-0.94 (0.14)	0.11 (0.17)	-0.12 (0.34)	307 (15.2)	354 (9.6)	389 (9.0)	412 (14.3)	433 (21.9)											
Peru	-2.24 (0.07)	-1.79 (0.08)	-1.40 (0.06)	-0.57 (0.09)	-0.47 (0.17)	323 (5.7)	347 (5.2)	370 (4.6)	405 (5.4)	411 (11.0)											
Qatar	0.01 (0.04)	0.31 (0.02)	0.46 (0.02)	0.75 (0.01)	0.59 (0.02)	362 (4.4)	340 (1.7)	346 (1.5)	399 (1.8)	460 (3.2)											
Romania	-0.97 (0.17)	-0.55 (0.06)	-0.33 (0.05)	-0.19 (0.07)	0.08 (0.10)	392 (13.8)	426 (7.7)	423 (6.9)	438 (8.1)	424 (18.8)											
Russian Federation	-0.70 (0.02)	-0.32 (0.05)	-0.21 (0.05)	-0.07 (0.04)	0.29 (0.06)	451 (8.1)	449 (3.7)	451 (6.6)	463 (5.4)	490 (9.6)											
Serbia	-1.08 (0.63)	-0.26 (0.08)	-0.04 (0.04)	0.11 (0.05)	0.45 (0.04)	461 (29.7)	417 (10.0)	439 (4.8)	448 (5.0)	458 (5.0)											
Shanghai-China	c	c	c	c	c	-0.49 (0.04)	c	c	c	c	c										
Singapore	c	c	c	c	c	-0.43 (0.01)	c	c	c	c	c										

[Part 3/3]

Reading performance and socio-economic background, by school location

Table II.2.6 Results based on students' self-reports and school principals' reports

	Difference in the reading score												
	BEFORE accounting for the PISA index of economic, social and cultural status of students (ESCS)					AFTER accounting for the PISA index of economic, social and cultural status of students (ESCS)							
	Students in small town schools versus rural schools		Students in town schools versus rural schools		Students in city or large city schools versus in rural schools		Students in small town schools versus rural schools		Students in town schools versus rural schools		Students in city or large city schools versus in rural schools		
	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	15	(7.5)	19	(7.9)	53	(7.2)	10	(7.1)	11	(7.0)	32	(6.6)
	Austria	28	(18.0)	47	(19.2)	35	(17.7)	26	(15.1)	39	(15.8)	27	(13.8)
	Belgium	1	(29.3)	-15	(29.3)	-27	(30.5)	10	(21.9)	-2	(20.8)	-15	(21.1)
	Canada	9	(4.9)	26	(4.8)	30	(4.4)	6	(4.3)	19	(4.3)	18	(3.7)
	Chile	38	(17.4)	76	(15.9)	96	(15.1)	30	(14.6)	47	(13.3)	53	(13.4)
	Czech Republic	30	(11.6)	42	(9.1)	63	(13.9)	25	(10.1)	29	(7.8)	43	(13.5)
	Denmark	18	(6.9)	21	(5.3)	14	(7.2)	11	(5.6)	11	(4.5)	12	(6.0)
	Estonia	12	(6.4)	18	(8.1)	33	(6.7)	5	(6.4)	11	(7.6)	20	(6.5)
	Finland	7	(8.4)	13	(8.0)	18	(8.9)	2	(8.9)	5	(8.4)	3	(9.4)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	61	(28.1)	73	(28.2)	54	(29.2)	50	(23.9)	57	(23.7)	40	(23.4)
	Greece	11	(21.9)	7	(23.1)	21	(22.5)	-6	(18.9)	-26	(18.4)	-11	(19.0)
	Hungary	77	(25.6)	118	(18.9)	134	(19.0)	53	(17.9)	81	(16.0)	86	(16.6)
	Iceland	11	(4.4)	-3	(4.1)	15	(4.3)	0	(4.6)	-13	(4.4)	-4	(4.7)
	Ireland	18	(13.0)	23	(14.6)	32	(13.1)	16	(12.1)	13	(12.5)	20	(11.2)
	Israel	-47	(20.6)	-28	(15.5)	13	(14.9)	-39	(17.4)	-22	(13.0)	13	(11.8)
	Italy	51	(16.7)	65	(15.1)	72	(14.2)	42	(16.2)	53	(14.9)	47	(14.5)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	-136	(34.2)	-65	(24.1)	-73	(20.1)	-95	(26.1)	-35	(22.2)	-44	(13.8)
	Luxembourg	-55	(14.7)	-40	(14.4)	50	(15.7)	-44	(15.7)	-40	(15.6)	c	c
	Mexico	17	(8.5)	56	(8.0)	80	(7.5)	10	(8.6)	42	(8.2)	50	(7.5)
	Netherlands	3	(43.0)	29	(40.7)	38	(41.5)	8	(38.3)	31	(35.2)	39	(35.1)
	New Zealand	17	(7.9)	19	(8.2)	39	(6.6)	10	(7.3)	9	(8.4)	15	(7.4)
	Norway	17	(6.3)	20	(6.4)	32	(8.4)	12	(6.1)	13	(6.2)	18	(7.5)
	Poland	16	(6.4)	31	(6.7)	36	(7.3)	8	(5.9)	12	(5.8)	9	(6.0)
	Portugal	27	(14.0)	44	(13.4)	77	(13.6)	17	(11.6)	30	(11.7)	42	(12.1)
	Slovak Republic	44	(13.2)	64	(7.5)	72	(9.8)	37	(10.8)	51	(6.5)	54	(9.2)
	Slovenia	64	(12.9)	49	(11.9)	65	(11.9)	53	(12.1)	36	(11.1)	43	(11.5)
	Spain	4	(6.5)	21	(5.7)	39	(6.1)	1	(5.7)	9	(5.0)	19	(5.4)
	Sweden	0	(8.5)	16	(8.4)	18	(10.4)	0	(7.1)	8	(7.0)	4	(8.8)
	Switzerland	12	(6.7)	39	(9.9)	50	(10.9)	8	(5.6)	29	(8.5)	31	(10.2)
	Turkey	82	(17.7)	107	(16.2)	112	(14.6)	60	(16.3)	72	(14.2)	70	(13.2)
	United Kingdom	-6	(12.1)	-15	(13.9)	-20	(13.2)	-3	(9.1)	-9	(10.7)	-14	(9.9)
	United States	10	(13.9)	14	(11.6)	7	(11.7)	1	(10.1)	5	(9.4)	1	(9.4)
	OECD average	14	(3.0)	28	(2.8)	40	(2.8)	10	(2.6)	18	(2.4)	23	(2.4)
Partners	Albania	21	(9.9)	47	(11.7)	79	(10.6)	15	(9.9)	28	(10.9)	49	(9.6)
	Argentina	20	(16.6)	59	(16.0)	89	(15.3)	9	(14.4)	37	(12.6)	47	(12.4)
	Azerbaijan	-2	(11.5)	33	(9.3)	37	(7.1)	-4	(11.5)	25	(9.8)	20	(6.8)
	Brazil	22	(10.8)	56	(11.0)	71	(9.8)	19	(10.4)	38	(10.1)	31	(9.9)
	Bulgaria	69	(22.1)	90	(22.4)	146	(23.1)	46	(19.4)	58	(19.4)	94	(22.4)
	Colombia	10	(13.6)	22	(11.8)	53	(11.0)	2	(11.9)	12	(10.4)	15	(9.4)
	Croatia	27	(21.5)	20	(21.1)	47	(21.4)	21	(24.8)	13	(24.6)	29	(25.1)
	Dubai (UAE)	-57	(8.4)	-13	(8.8)	38	(7.2)	-69	(8.7)	-27	(9.5)	-7	(7.5)
	Hong Kong-China	c	c	c	c	c	c	c	c	c	c	c	c
	Indonesia	21	(8.3)	36	(12.5)	58	(10.4)	19	(8.0)	29	(11.3)	44	(11.1)
	Jordan	33	(16.1)	43	(16.3)	57	(15.7)	30	(15.4)	34	(15.3)	41	(14.8)
	Kazakhstan	1	(10.3)	18	(16.9)	54	(7.7)	-4	(9.9)	8	(15.1)	36	(7.0)
	Kyrgyzstan	29	(9.1)	54	(13.4)	122	(11.2)	22	(8.5)	42	(12.0)	94	(9.6)
	Latvia	27	(7.1)	27	(8.6)	41	(8.3)	18	(6.8)	16	(7.4)	21	(7.4)
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	24	(7.3)	41	(9.0)	45	(6.5)	12	(6.9)	27	(8.4)	18	(7.3)
	Macao-China	c	c	c	c	c	c	c	c	c	c	c	c
	Montenegro	32	(22.6)	35	(23.0)	47	(23.2)	12	(18.2)	14	(18.4)	15	(17.5)
	Panama	52	(19.8)	92	(17.6)	134	(19.8)	48	(18.2)	84	(16.9)	82	(17.8)
	Peru	37	(9.3)	71	(8.7)	131	(9.5)	27	(8.4)	49	(8.1)	76	(8.5)
	Qatar	-17	(4.6)	-7	(4.6)	64	(4.8)	-18	(4.6)	-15	(4.7)	41	(5.0)
	Romania	48	(19.2)	52	(18.0)	70	(18.6)	36	(17.7)	28	(15.3)	46	(16.3)
	Russian Federation	10	(8.3)	15	(9.0)	43	(9.9)	0	(8.4)	2	(9.7)	16	(10.5)
	Serbia	-23	(23.3)	4	(20.0)	25	(20.1)	-39	(29.7)	-21	(29.5)	-9	(30.5)
	Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c
	Singapore	c	c	c	c	c	c	c	c	c	c	c	c
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c
	Thailand	16	(7.5)	33	(7.7)	61	(8.9)	8	(7.9)	17	(7.8)	29	(8.9)
	Trinidad and Tobago	c	c	c	c	c	c	c	c	c	c	c	c
	Tunisia	24	(14.8)	36	(15.2)	81	(16.3)	18	(13.4)	23	(14.3)	52	(17.3)
	Uruguay	24	(11.7)	35	(9.8)	65	(10.9)	16	(9.6)	17	(7.9)	26	(8.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
 StatLink  <http://dx.doi.org/10.1787/888932343285>



[Part 1/2]


PISA index of economic, social and cultural status and reading performance, by national quarters of this index
Table II.3.1 *Results based on students' self-reports*

	PISA index of economic, social and cultural status (ESCS)										Performance on the reading scale, by national quarters of this index								
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter		Top quarter		
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
OECD																			
Australia	0.34 (0.01)		-0.63 (0.01)		0.09 (0.00)		0.63 (0.00)		1.29 (0.01)		471 (2.7)		504 (2.4)		532 (3.0)		562 (3.1)		
Austria	0.06 (0.02)		-0.97 (0.02)		-0.22 (0.00)		0.28 (0.00)		1.15 (0.01)		421 (4.3)		457 (4.2)		482 (3.8)		525 (3.9)		
Belgium	0.20 (0.02)		-1.00 (0.02)		-0.13 (0.00)		0.54 (0.00)		1.37 (0.01)		452 (3.3)		489 (3.3)		525 (2.5)		567 (2.6)		
Canada	0.50 (0.02)		-0.59 (0.01)		0.25 (0.00)		0.83 (0.00)		1.52 (0.01)		495 (2.3)		514 (1.7)		533 (2.1)		562 (2.4)		
Chile	-0.57 (0.04)		-2.00 (0.01)		-1.00 (0.01)		-0.22 (0.01)		0.95 (0.02)		409 (3.5)		435 (3.6)		457 (3.5)		501 (3.5)		
Czech Republic	-0.09 (0.01)		-0.95 (0.01)		-0.34 (0.00)		0.11 (0.00)		0.85 (0.01)		437 (3.3)		467 (3.7)		490 (3.4)		521 (4.1)		
Denmark	0.30 (0.02)		-0.83 (0.01)		0.00 (0.01)		0.62 (0.01)		1.39 (0.01)		455 (2.7)		486 (3.4)		509 (2.9)		536 (2.4)		
Estonia	0.15 (0.02)		-0.87 (0.01)		-0.16 (0.01)		0.45 (0.01)		1.19 (0.01)		476 (3.6)		490 (3.5)		505 (3.1)		534 (3.9)		
Finland	0.37 (0.02)		-0.64 (0.01)		0.12 (0.00)		0.69 (0.00)		1.32 (0.01)		504 (3.2)		527 (2.7)		548 (2.9)		565 (2.8)		
France	-0.13 (0.03)		-1.19 (0.02)		-0.42 (0.00)		0.15 (0.01)		0.93 (0.02)		443 (5.2)		484 (4.6)		513 (4.4)		553 (4.8)		
Germany	0.18 (0.02)		-0.93 (0.02)		-0.12 (0.00)		0.42 (0.01)		1.36 (0.01)		445 (3.9)		494 (2.9)		515 (3.5)		550 (3.3)		
Greece	-0.02 (0.03)		-1.28 (0.02)		-0.40 (0.01)		0.32 (0.01)		1.27 (0.01)		437 (7.1)		475 (5.2)		493 (3.7)		528 (3.4)		
Hungary	-0.20 (0.03)		-1.38 (0.03)		-0.56 (0.00)		0.06 (0.01)		1.10 (0.02)		435 (5.3)		485 (3.4)		505 (4.1)		553 (4.1)		
Iceland	0.72 (0.01)		-0.46 (0.02)		0.45 (0.01)		1.10 (0.01)		1.79 (0.01)		470 (3.1)		494 (3.3)		513 (3.0)		530 (2.8)		
Ireland	0.05 (0.03)		-1.01 (0.01)		-0.27 (0.01)		0.31 (0.01)		1.15 (0.02)		454 (3.8)		486 (4.0)		511 (3.9)		539 (3.5)		
Israel	-0.02 (0.03)		-1.20 (0.02)		-0.24 (0.01)		0.33 (0.00)		1.01 (0.01)		423 (5.4)		465 (4.0)		501 (3.6)		526 (4.1)		
Italy	-0.12 (0.01)		-1.41 (0.01)		-0.47 (0.00)		0.18 (0.00)		1.21 (0.01)		442 (3.0)		477 (2.0)		500 (2.0)		526 (2.1)		
Japan	-0.01 (0.01)		-0.93 (0.01)		-0.28 (0.00)		0.24 (0.00)		0.93 (0.01)		483 (4.8)		510 (4.8)		536 (4.0)		558 (3.5)		
Korea	-0.15 (0.03)		-1.22 (0.01)		-0.42 (0.01)		0.14 (0.01)		0.88 (0.02)		503 (5.1)		534 (2.8)		548 (3.9)		572 (4.6)		
Luxembourg	0.19 (0.01)		-1.31 (0.02)		-0.09 (0.01)		0.64 (0.01)		1.51 (0.01)		411 (2.7)		460 (3.0)		497 (2.8)		526 (3.0)		
Mexico	-1.22 (0.03)		-2.83 (0.01)		-1.79 (0.00)		-0.81 (0.01)		0.54 (0.02)		386 (2.8)		413 (2.3)		434 (2.2)		469 (2.2)		
Netherlands	0.27 (0.03)		-0.84 (0.03)		0.01 (0.01)		0.61 (0.01)		1.31 (0.01)		474 (5.5)		493 (5.8)		519 (4.7)		553 (5.9)		
New Zealand	0.09 (0.02)		-0.93 (0.01)		-0.17 (0.00)		0.36 (0.01)		1.08 (0.01)		475 (3.9)		508 (3.1)		534 (3.3)		578 (3.6)		
Norway	0.47 (0.02)		-0.47 (0.01)		0.23 (0.00)		0.73 (0.00)		1.40 (0.01)		468 (3.4)		495 (3.3)		517 (2.9)		536 (3.9)		
Poland	-0.28 (0.02)		-1.29 (0.01)		-0.66 (0.00)		-0.15 (0.00)		0.97 (0.01)		461 (3.4)		488 (3.1)		507 (2.9)		550 (3.8)		
Portugal	-0.32 (0.04)		-1.70 (0.01)		-0.87 (0.01)		-0.05 (0.01)		1.35 (0.03)		451 (4.2)		472 (3.4)		499 (3.4)		537 (3.7)		
Slovak Republic	-0.09 (0.02)		-1.04 (0.02)		-0.44 (0.00)		0.04 (0.01)		1.07 (0.02)		435 (5.0)		468 (3.4)		488 (3.3)		521 (3.6)		
Slovenia	0.07 (0.01)		-1.01 (0.01)		-0.31 (0.01)		0.37 (0.01)		1.25 (0.01)		444 (2.6)		468 (2.5)		493 (2.7)		532 (2.6)		
Spain	-0.31 (0.03)		-1.68 (0.02)		-0.74 (0.00)		0.03 (0.01)		1.14 (0.01)		443 (3.3)		468 (2.3)		491 (2.2)		525 (3.3)		
Sweden	0.33 (0.02)		-0.72 (0.02)		0.08 (0.00)		0.63 (0.01)		1.33 (0.01)		452 (4.0)		488 (3.3)		515 (3.3)		543 (4.1)		
Switzerland	0.08 (0.02)		-1.04 (0.01)		-0.22 (0.00)		0.35 (0.00)		1.22 (0.01)		457 (3.9)		492 (2.7)		506 (3.0)		550 (3.7)		
Turkey	-1.16 (0.05)		-2.63 (0.02)		-1.69 (0.01)		-0.82 (0.01)		0.49 (0.03)		422 (3.8)		454 (3.5)		469 (3.9)		514 (4.6)		
United Kingdom	0.20 (0.02)		-0.80 (0.02)		-0.06 (0.00)		0.47 (0.01)		1.21 (0.01)		451 (2.9)		483 (3.1)		508 (2.7)		544 (3.2)		
United States	0.17 (0.04)		-1.05 (0.02)		-0.11 (0.01)		0.52 (0.01)		1.32 (0.02)		451 (3.6)		481 (3.6)		512 (3.6)		558 (4.7)		
OECD average	0.00 (0.00)		-1.14 (0.00)		-0.32 (0.00)		0.30 (0.00)		1.17 (0.00)		451 (0.7)		483 (0.6)		506 (0.6)		540 (0.6)		
Partners																			
Albania	-0.95 (0.04)		-2.26 (0.02)		-1.34 (0.01)		-0.64 (0.01)		0.42 (0.02)		350 (6.1)		373 (4.3)		391 (4.9)		430 (5.5)		
Argentina	-0.62 (0.05)		-2.17 (0.03)		-1.02 (0.01)		-0.19 (0.01)		0.92 (0.03)		345 (4.9)		377 (4.6)		410 (5.5)		468 (6.2)		
Azerbaijan	-0.64 (0.03)		-1.88 (0.01)		-1.03 (0.01)		-0.32 (0.01)		0.67 (0.02)		338 (5.6)		353 (3.4)		366 (3.7)		391 (4.7)		
Brazil	-1.16 (0.03)		-2.69 (0.01)		-1.64 (0.01)		-0.76 (0.01)		0.44 (0.02)		376 (2.5)		401 (3.0)		413 (3.9)		460 (4.1)		
Bulgaria	-0.11 (0.04)		-1.31 (0.03)		-0.48 (0.01)		0.20 (0.01)		1.16 (0.01)		368 (5.8)		418 (6.6)		442 (7.7)		498 (6.2)		
Colombia	-1.15 (0.05)		-2.82 (0.02)		-1.60 (0.01)		-0.67 (0.01)		0.47 (0.03)		371 (4.7)		398 (4.4)		422 (3.9)		462 (4.7)		
Croatia	-0.18 (0.02)		-1.28 (0.02)		-0.51 (0.00)		0.04 (0.01)		1.04 (0.02)		440 (3.9)		467 (3.9)		484 (4.0)		513 (3.9)		
Dubai (UAE)	0.42 (0.01)		-0.64 (0.02)		0.31 (0.00)		0.74 (0.00)		1.29 (0.01)		401 (2.5)		453 (2.8)		482 (2.8)		504 (2.8)		
Hong Kong-China	-0.80 (0.04)		-2.07 (0.01)		-1.19 (0.01)		-0.51 (0.01)		0.56 (0.03)		509 (3.9)		527 (2.8)		542 (2.9)		557 (3.4)		
Indonesia	-1.55 (0.06)		-2.86 (0.01)		-2.05 (0.01)		-1.26 (0.01)		-0.04 (0.03)		386 (3.8)		389 (3.6)		402 (4.5)		430 (6.0)		
Jordan	-0.57 (0.03)		-1.90 (0.02)		-0.94 (0.01)		-0.18 (0.01)		0.77 (0.02)		375 (3.8)		400 (3.4)		410 (4.2)		441 (5.2)		
Kazakhstan	-0.51 (0.03)		-1.53 (0.02)		-0.83 (0.01)		-0.24 (0.01)		0.57 (0.02)		348 (4.0)		384 (3.1)		399 (3.6)		432 (5.2)		
Kyrgyzstan	-0.65 (0.03)		-1.83 (0.01)		-1.01 (0.01)		-0.32 (0.01)		0.56 (0.02)		274 (4.1)		295 (4.0)		321 (4.2)		369 (6.0)		
Latvia	-0.13 (0.03)		-1.24 (0.01)		-0.49 (0.01)		0.21 (0.01)		1.01 (0.02)		456 (4.8)		470 (3.6)		492 (3.6)		519 (3.6)		
Liechtenstein	0.09 (0.05)		-1.11 (0.05)		-0.22 (0.02)		0.41 (0.02)		1.28 (0.06)		463 (7.9)		502 (7.9)		505 (9.3)		529 (8.2)		
Lithuania	-0.05 (0.02)		-1.27 (0.02)		-0.46 (0.01)		0.33 (0.01)		1.21 (0.01)		430 (3.4)		455 (3.8)		477 (3.3)		514 (3.2)		
Macao-China	-0.70 (0.01)		-1.77 (0.01)		-1.01 (0.00)		-0.48 (0.00)		0.44 (0.01)		473 (2.1)		485 (2.0)		491 (2.1)		498 (2.1)		
Montenegro	-0.24 (0.02)		-1.43 (0.01)		-0.60 (0.01)		0.04 (0.01)		1.01 (0.01)		369 (3.1)		402 (3.2)		415 (2.9)		447 (2.5)		
Panama	-0.81 (0.08)		-2.60 (0.04)		-1.24 (0.01)		-0.26 (0.01)		0.85 (0.05)		336 (7.1)		351 (6.6)		375 (6.3)		445 (10.9)		
Peru	-1.31 (0.05)		-2.90 (0.02)		-1.77 (0.01)		-0.94 (0.01)		0.35 (0.04)		303 (3.3)		354 (3.1)		390 (3.7)		434 (7.3)		
Qatar	0.51 (0.01)		-0.74 (0.01)		0.37 (0.00)		0.89 (0.00)		1.50 (0.01)		337 (1.8)		365 (2.3)		396 (2.7)		394 (2.3)		
Romania	-0.34 (0.03)		-1.45 (0.04)		-0.65 (0.00)		-0.13 (0.01)		0.84 (0.02)		381 (5.5)		420 (4.2)		432 (4.7)		466 (5.3)		
Russian Federation	-0.21 (0.02)		-1.20 (0.01)		-0.56 (0.00)		0.06 (0.00)		0.85 (0.01)		424 (3.6)		447 (3.9)		466 (3.5)		502 (4.9)		
Serbia	0.07 (0.02)		-1.11 (0.02)		-0.32 (0.00)		0.34 (0.01)		1.37 (0.02)		413 (3.9)		434 (2.9)		445 (2.8)		478 (2.8)</		

[Part 2/2]

PISA index of economic, social and cultural status and reading performance, by national quarters of this indexTable II.3.1 *Results based on students' self-reports*

	Performance on the reading scale		Change in the reading score per unit of this index		Increased likelihood of students in the bottom quarter of the ESCS scoring in the bottom quarter of the reading performance distribution		Explained variance in student performance (r-squared x 100)	
	Mean score	S.E.	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
OECD								
Australia	515	(2.3)	46	(1.77)	2.1	(0.08)	12.7	(0.8)
Austria	470	(2.9)	48	(2.28)	2.4	(0.13)	16.6	(1.4)
Belgium	506	(2.3)	47	(1.48)	2.4	(0.12)	19.3	(1.0)
Canada	524	(1.5)	32	(1.44)	1.7	(0.08)	8.6	(0.7)
Chile	449	(3.1)	31	(1.51)	2.3	(0.15)	18.7	(1.6)
Czech Republic	478	(2.9)	46	(2.34)	2.0	(0.12)	12.4	(1.1)
Denmark	495	(2.1)	36	(1.42)	2.1	(0.14)	14.5	(1.0)
Estonia	501	(2.6)	29	(2.26)	1.6	(0.11)	7.6	(1.1)
Finland	536	(2.3)	31	(1.66)	1.8	(0.10)	7.8	(0.8)
France	496	(3.4)	51	(2.94)	2.4	(0.17)	16.7	(2.0)
Germany	497	(2.7)	44	(1.92)	2.6	(0.15)	17.9	(1.3)
Greece	483	(4.3)	34	(2.42)	2.2	(0.15)	12.5	(1.4)
Hungary	494	(3.2)	48	(2.17)	3.0	(0.23)	26.0	(2.2)
Iceland	500	(1.4)	27	(1.79)	1.7	(0.10)	6.2	(0.8)
Ireland	496	(3.0)	39	(2.05)	2.2	(0.16)	12.6	(1.2)
Israel	474	(3.6)	43	(2.45)	2.2	(0.13)	12.5	(1.1)
Italy	486	(1.6)	32	(1.27)	2.1	(0.08)	11.8	(0.7)
Japan	520	(3.5)	40	(2.83)	1.8	(0.10)	8.6	(1.0)
Korea	539	(3.5)	32	(2.46)	2.2	(0.16)	11.0	(1.5)
Luxembourg	472	(1.3)	40	(1.31)	2.6	(0.17)	18.0	(1.1)
Mexico	425	(2.0)	25	(0.96)	2.1	(0.10)	14.5	(1.0)
Netherlands	508	(5.1)	37	(1.90)	1.8	(0.12)	12.8	(1.2)
New Zealand	521	(2.4)	52	(1.94)	2.2	(0.12)	16.6	(1.1)
Norway	503	(2.6)	36	(2.14)	2.0	(0.11)	8.6	(1.0)
Poland	500	(2.6)	39	(1.94)	2.0	(0.12)	14.8	(1.4)
Portugal	489	(3.1)	30	(1.57)	2.0	(0.15)	16.5	(1.6)
Slovak Republic	477	(2.5)	41	(2.30)	2.1	(0.16)	14.6	(1.5)
Slovenia	483	(1.0)	39	(1.53)	2.0	(0.14)	14.3	(1.1)
Spain	481	(2.0)	29	(1.49)	2.0	(0.10)	13.6	(1.3)
Sweden	497	(2.9)	43	(2.17)	2.2	(0.13)	13.4	(1.3)
Switzerland	501	(2.4)	40	(2.09)	2.1	(0.13)	14.1	(1.4)
Turkey	464	(3.5)	29	(1.53)	2.3	(0.19)	19.0	(1.9)
United Kingdom	494	(2.3)	44	(1.86)	2.1	(0.11)	13.7	(1.0)
United States	500	(3.7)	42	(2.27)	2.2	(0.14)	16.8	(1.7)
OECD average	493	(0.5)	38	(0.34)	2.1	(0.02)	14.0	(0.2)
Partners								
Albania	385	(4.0)	31	(2.59)	1.7	(0.17)	10.7	(1.8)
Argentina	398	(4.6)	40	(2.26)	2.2	(0.18)	19.6	(2.2)
Azerbaijan	362	(3.3)	21	(2.25)	1.7	(0.15)	7.4	(1.6)
Brazil	412	(2.7)	28	(1.36)	1.7	(0.09)	13.0	(1.3)
Bulgaria	429	(6.7)	51	(2.83)	2.4	(0.22)	20.2	(2.2)
Colombia	413	(3.7)	28	(1.77)	2.1	(0.17)	16.6	(1.9)
Croatia	476	(2.9)	32	(2.04)	1.9	(0.15)	11.0	(1.3)
Dubai (UAE)	459	(1.1)	51	(1.44)	2.4	(0.13)	14.2	(0.8)
Hong Kong-China	533	(2.1)	17	(2.15)	1.7	(0.12)	4.5	(1.1)
Indonesia	402	(3.7)	17	(2.44)	1.4	(0.13)	7.8	(2.2)
Jordan	405	(3.3)	24	(2.13)	1.7	(0.12)	7.9	(1.4)
Kazakhstan	390	(3.1)	38	(2.85)	2.1	(0.14)	12.0	(1.7)
Kyrgyzstan	314	(3.2)	40	(2.86)	1.8	(0.14)	14.6	(1.8)
Latvia	484	(3.0)	29	(2.57)	1.7	(0.17)	10.3	(1.7)
Liechtenstein	499	(2.8)	26	(5.05)	2.1	(0.36)	8.4	(2.9)
Lithuania	468	(2.4)	33	(1.92)	2.0	(0.14)	13.6	(1.4)
Macao-China	487	(0.9)	12	(1.16)	1.3	(0.08)	1.8	(0.4)
Montenegro	408	(1.7)	31	(1.38)	1.9	(0.10)	10.0	(0.8)
Panama	371	(6.5)	31	(3.60)	1.7	(0.24)	18.1	(3.9)
Peru	370	(4.0)	41	(2.04)	3.0	(0.20)	27.4	(2.6)
Qatar	372	(0.8)	25	(1.18)	1.4	(0.06)	4.0	(0.4)
Romania	424	(4.1)	36	(2.81)	2.2	(0.19)	13.6	(2.1)
Russian Federation	459	(3.3)	37	(2.54)	1.9	(0.11)	11.3	(1.4)
Serbia	442	(2.4)	27	(1.59)	1.8	(0.11)	9.8	(1.0)
Shanghai-China	556	(2.4)	27	(2.09)	2.1	(0.14)	12.3	(1.8)
Singapore	526	(1.1)	47	(1.74)	2.3	(0.11)	15.3	(1.1)
Chinese Taipei	495	(2.6)	36	(2.45)	2.0	(0.12)	11.8	(1.3)
Thailand	421	(2.6)	22	(1.81)	1.5	(0.11)	13.3	(1.9)
Trinidad and Tobago	416	(1.2)	38	(1.73)	1.8	(0.14)	9.7	(0.9)
Tunisia	404	(2.9)	19	(1.79)	1.7	(0.13)	8.1	(1.5)
Uruguay	426	(2.6)	37	(1.50)	2.2	(0.14)	20.7	(1.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
StatLink  <http://dx.doi.org/10.1787/888932343285>



[Part 1/2]

Relationship between reading performance and socio-economic backgroundTable II.3.2 *Results based on students' self-reports*


	Unadjusted mean score		Mean score if the mean ESCS would be equal in all OECD countries		Strength of the relationship between student performance and the ESCS ¹		Slope of the socio-economic gradient ^{1,2}		Length of the projection of the gradient line						
	Mean score	S.E.	Mean score	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit increase in the ESCS	S.E.	5th percentile of the ESCS		95th percentile of the ESCS		Difference between 95th and 5th percentile of the ESCS		
									Index	S.E.	Index	S.E.	Dif.	S.E.	
OECD															
Australia	515 (2.3)		502 (2.0)		12.7 (0.85)		46 (1.8)		-0.87 (0.02)		1.51 (0.01)		2.38 (0.02)		
Austria	470 (2.9)		468 (2.6)		16.6 (1.39)		48 (2.3)		-1.23 (0.04)		1.49 (0.04)		2.73 (0.06)		
Belgium	506 (2.3)		499 (2.0)		19.3 (1.01)		47 (1.5)		-1.29 (0.03)		1.64 (0.04)		2.93 (0.06)		
Canada	524 (1.5)		510 (1.4)		8.6 (0.74)		32 (1.4)		-0.88 (0.03)		1.76 (0.02)		2.63 (0.04)		
Chile	449 (3.1)		468 (2.6)		18.7 (1.56)		31 (1.5)		-2.37 (0.04)		1.36 (0.04)		3.73 (0.05)		
Czech Republic	478 (2.9)		483 (2.7)		12.4 (1.09)		46 (2.3)		-1.17 (0.02)		1.13 (0.02)		2.30 (0.03)		
Denmark	495 (2.1)		485 (1.8)		14.5 (1.02)		36 (1.4)		-1.14 (0.02)		1.67 (0.02)		2.81 (0.03)		
Estonia	501 (2.6)		497 (2.4)		7.6 (1.11)		29 (2.3)		-1.10 (0.04)		1.43 (0.03)		2.53 (0.04)		
Finland	536 (2.3)		525 (2.2)		7.8 (0.82)		31 (1.7)		-0.91 (0.04)		1.54 (0.04)		2.45 (0.05)		
France	496 (3.4)		505 (2.9)		16.7 (1.97)		51 (2.9)		-1.50 (0.03)		1.25 (0.06)		2.74 (0.06)		
Germany	497 (2.7)		493 (2.2)		17.9 (1.29)		44 (1.9)		-1.24 (0.04)		1.70 (0.03)		2.94 (0.04)		
Greece	483 (4.3)		484 (3.7)		12.5 (1.43)		34 (2.4)		-1.63 (0.04)		1.58 (0.02)		3.21 (0.04)		
Hungary	494 (3.2)		504 (2.5)		26.0 (2.17)		48 (2.2)		-1.71 (0.06)		1.43 (0.03)		3.14 (0.06)		
Iceland	500 (1.4)		483 (2.0)		6.2 (0.81)		27 (1.8)		-0.83 (0.03)		2.06 (0.02)		2.88 (0.04)		
Ireland	496 (3.0)		496 (2.6)		12.6 (1.17)		39 (2.0)		-1.28 (0.03)		1.44 (0.04)		2.72 (0.04)		
Israel	474 (3.6)		480 (2.8)		12.5 (1.14)		43 (2.4)		-1.53 (0.05)		1.22 (0.03)		2.75 (0.06)		
Italy	486 (1.6)		490 (1.4)		11.8 (0.74)		32 (1.3)		-1.70 (0.02)		1.62 (0.03)		3.32 (0.04)		
Japan	520 (3.5)		522 (3.0)		8.6 (0.96)		40 (2.8)		-1.16 (0.02)		1.16 (0.01)		2.32 (0.02)		
Korea	539 (3.5)		544 (3.0)		11.0 (1.51)		32 (2.5)		-1.53 (0.03)		1.18 (0.04)		2.71 (0.05)		
Luxembourg	472 (1.3)		466 (1.3)		18.0 (1.06)		40 (1.3)		-1.82 (0.03)		1.81 (0.04)		3.63 (0.05)		
Mexico	425 (2.0)		456 (1.8)		14.5 (0.99)		25 (1.0)		-3.18 (0.03)		1.00 (0.06)		4.18 (0.06)		
Netherlands	508 (5.1)		499 (4.6)		12.8 (1.20)		37 (1.9)		-1.12 (0.09)		1.54 (0.02)		2.66 (0.08)		
New Zealand	521 (2.4)		519 (2.0)		16.6 (1.08)		52 (1.9)		-1.20 (0.02)		1.33 (0.02)		2.53 (0.03)		
Norway	503 (2.6)		487 (2.4)		8.6 (0.96)		36 (2.1)		-0.72 (0.02)		1.64 (0.02)		2.36 (0.03)		
Poland	500 (2.6)		512 (2.2)		14.8 (1.38)		39 (1.9)		-1.50 (0.03)		1.35 (0.02)		2.86 (0.03)		
Portugal	489 (3.1)		499 (2.3)		16.5 (1.60)		30 (1.6)		-1.98 (0.03)		1.81 (0.03)		3.79 (0.04)		
Slovak Republic	477 (2.5)		482 (2.1)		14.6 (1.48)		41 (2.3)		-1.24 (0.03)		1.46 (0.04)		2.70 (0.05)		
Slovenia	483 (1.0)		481 (1.1)		14.3 (1.06)		39 (1.5)		-1.25 (0.02)		1.53 (0.02)		2.78 (0.03)		
Spain	481 (2.0)		491 (1.8)		13.6 (1.30)		29 (1.5)		-2.04 (0.04)		1.54 (0.03)		3.58 (0.04)		
Sweden	497 (2.9)		485 (2.4)		13.4 (1.33)		43 (2.2)		-1.01 (0.04)		1.55 (0.04)		2.57 (0.05)		
Switzerland	501 (2.4)		498 (2.1)		14.1 (1.38)		40 (2.1)		-1.38 (0.03)		1.52 (0.03)		2.90 (0.03)		
Turkey	464 (3.5)		499 (3.5)		19.0 (1.91)		29 (1.5)		-2.99 (0.04)		1.03 (0.07)		4.02 (0.07)		
United Kingdom	494 (2.3)		488 (1.8)		13.7 (1.03)		44 (1.9)		-1.05 (0.04)		1.48 (0.02)		2.52 (0.04)		
United States	500 (3.7)		493 (2.4)		16.8 (1.65)		42 (2.3)		-1.40 (0.08)		1.61 (0.03)		3.01 (0.08)		
OECD average	493 (0.5)		494 (0.4)		14.0 (0.2)		38 (0.3)		-1.44 (0.01)		1.48 (0.01)		2.92 (0.01)		
Partners															
Albania	385 (4.0)		416 (4.3)		10.7 (1.79)		31 (2.6)		-2.61 (0.05)		0.84 (0.05)		3.44 (0.06)		
Argentina	398 (4.6)		424 (3.7)		19.6 (2.23)		40 (2.3)		-2.54 (0.06)		1.36 (0.05)		3.90 (0.08)		
Azerbaijan	362 (3.3)		376 (3.2)		7.4 (1.57)		21 (2.3)		-2.17 (0.03)		1.01 (0.04)		3.18 (0.04)		
Brazil	412 (2.7)		445 (2.9)		13.0 (1.27)		28 (1.4)		-3.05 (0.03)		0.89 (0.06)		3.94 (0.06)		
Bulgaria	429 (6.7)		437 (5.0)		20.2 (2.19)		51 (2.8)		-1.59 (0.09)		1.49 (0.04)		3.08 (0.09)		
Colombia	413 (3.7)		445 (3.3)		16.6 (1.90)		28 (1.8)		-3.21 (0.05)		0.95 (0.06)		4.15 (0.07)		
Croatia	476 (2.9)		482 (2.7)		11.0 (1.34)		32 (2.0)		-1.61 (0.04)		1.43 (0.04)		3.04 (0.06)		
Dubai (UAE)	459 (1.1)		439 (1.3)		14.2 (0.80)		51 (1.4)		-1.11 (0.04)		1.50 (0.02)		2.61 (0.04)		
Hong Kong-China	533 (2.1)		548 (2.5)		4.5 (1.08)		17 (2.2)		-2.42 (0.04)		1.00 (0.07)		3.42 (0.08)		
Indonesia	402 (3.7)		428 (5.9)		7.8 (2.23)		17 (2.4)		-3.11 (0.03)		0.43 (0.06)		3.55 (0.06)		
Jordan	405 (3.3)		420 (3.3)		7.9 (1.35)		24 (2.1)		-2.23 (0.06)		1.07 (0.04)		3.30 (0.07)		
Kazakhstan	390 (3.1)		410 (3.2)		12.0 (1.73)		38 (2.8)		-1.79 (0.06)		0.87 (0.05)		2.66 (0.06)		
Kyrgyzstan	314 (3.2)		341 (3.6)		14.6 (1.83)		40 (2.9)		-2.13 (0.02)		0.89 (0.05)		3.02 (0.05)		
Latvia	484 (3.0)		488 (2.5)		10.3 (1.69)		29 (2.6)		-1.47 (0.03)		1.29 (0.03)		2.75 (0.03)		
Liechtenstein	499 (2.8)		497 (3.1)		8.4 (2.89)		26 (5.0)		-1.42 (0.13)		1.51 (0.06)		2.93 (0.13)		
Lithuania	468 (2.4)		471 (2.2)		13.6 (1.44)		33 (1.9)		-1.52 (0.03)		1.47 (0.01)		2.99 (0.03)		
Macao-China	487 (0.9)		495 (1.1)		1.8 (0.35)		12 (1.2)		-2.09 (0.02)		0.83 (0.04)		2.92 (0.04)		
Montenegro	408 (1.7)		416 (1.4)		10.0 (0.84)		31 (1.4)		-1.74 (0.04)		1.35 (0.03)		3.09 (0.05)		
Panama	371 (6.5)		402 (6.3)		18.1 (3.86)		31 (3.6)		-3.08 (0.10)		1.16 (0.11)		4.23 (0.14)		
Peru	370 (4.0)		424 (4.4)		27.4 (2.62)		41 (2.0)		-3.33 (0.05)		0.85 (0.09)		4.18 (0.10)		
Qatar	372 (0.8)		360 (0.9)		4.0 (0.36)		25 (1.2)		-1.28 (0.03)		1.73 (0.02)		3.00 (0.03)		
Romania	424 (4.1)		437 (3.7)		13.6 (2.12)		36 (2.8)		-1.70 (0.08)		1.23 (0.06)		2.93 (0.09)		
Russian Federation	459 (3.3)		468 (3.0)		11.3 (1.35)		37 (2.5)		-1.43 (0.03)		1.08 (0.03)		2.51 (0.04)		
Serbia	442 (2.4)		440 (2.2)		9.8 (1.02)		27 (1.6)		-1.42 (0.03)		1.75 (0.04)		3.17 (0.05)		
Shanghai-China	556 (2.4)		569 (1.9)		12.3 (1.77)		27 (2.1)		-2.16 (0.03)		1.19 (0.03)		3.35 (0.04)		
Singapore	526 (1.1)		547 (1.3)		15.3 (1.11)		47 (1.7)		-1.82 (0.03)		0.75 (0.00)		2.57 (0.03)		
Chinese Taipei	495 (2.6)		507 (2.4)		11.8 (1.34)		36 (2.4)		-1.73 (0.05)		1.02 (0.03)		2.74 (0.05)		
Thailand	421 (2.6)		450 (3.4)		13.3 (1.94)		22 (1.8)		-2.84 (0.03)		0.88 (0.04)		3.72 (0.05)		
Trinidad and Tobago	416 (1.2)		441 (1.7)		9.7 (0.86)		38 (1.7)		-2.20 (0.05)		0.92 (0.03)		3.11 (0.06)		
Tunisia	404 (2.9)		426 (3.6)		8.1 (1.47)		19 (1.8)		-3.15 (0.06)		1.03 (0.05)		4.18 (0.06)		
Uruguay	426 (2.6)		453 (2.4)		20.7 (1.47)		37 (1.5)		-2.49 (0.02)		1.51 (0.03)		4.00 (0.03)		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. In these columns values that are statistically significantly different from the OECD average are indicated in bold.

2. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

3. Student-level regression of reading performance on the ESCS and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.

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[Part 2/2]

Relationship between reading performance and socio-economic background

Table II.3.2 Results based on students' self-reports


	PISA index of economic, social and cultural status (ESCS)		Variability in the ESCS		Index of curvilinearity ³		Skewness of the distribution of the ESCS		Percentage of students with low ESCS	
	Mean index	S.E.	Standard deviation	S.E.	Score point difference associated with one unit increase in the ESCS squared	S.E.	Skewness	S.E.	Approximated by the percentage of students with a value of ESCS smaller than -1	S.E.
OECD										
Australia	0.34	(0.01)	0.75	(0.01)	-2.58	(1.42)	-0.13	(0.03)	3.4	(0.2)
Austria	0.06	(0.02)	0.84	(0.01)	-1.29	(1.68)	-0.06	(0.09)	8.4	(0.6)
Belgium	0.20	(0.02)	0.93	(0.01)	1.87	(0.96)	-0.23	(0.05)	9.0	(0.5)
Canada	0.50	(0.02)	0.83	(0.01)	2.79	(1.10)	-0.30	(0.03)	3.7	(0.3)
Chile	-0.57	(0.04)	1.14	(0.02)	3.53	(0.80)	0.09	(0.04)	37.2	(1.4)
Czech Republic	-0.09	(0.01)	0.71	(0.01)	-1.98	(2.01)	0.18	(0.04)	9.2	(0.5)
Denmark	0.30	(0.02)	0.87	(0.01)	-2.67	(1.23)	-0.16	(0.04)	7.2	(0.4)
Estonia	0.15	(0.02)	0.80	(0.01)	1.61	(1.93)	0.03	(0.04)	6.7	(0.4)
Finland	0.37	(0.02)	0.78	(0.01)	-3.60	(1.41)	-0.35	(0.05)	3.9	(0.3)
France	-0.13	(0.03)	0.84	(0.02)	-1.50	(1.86)	-0.14	(0.05)	13.9	(0.8)
Germany	0.18	(0.02)	0.90	(0.01)	-2.95	(1.57)	-0.10	(0.06)	8.2	(0.5)
Greece	-0.02	(0.03)	0.99	(0.01)	-0.29	(1.59)	-0.01	(0.05)	17.7	(1.0)
Hungary	-0.20	(0.03)	0.97	(0.02)	-4.71	(1.32)	0.06	(0.05)	19.1	(1.0)
Iceland	0.72	(0.01)	0.89	(0.01)	-4.85	(1.62)	-0.31	(0.04)	3.5	(0.3)
Ireland	0.05	(0.03)	0.85	(0.01)	-3.50	(1.39)	0.03	(0.04)	10.4	(0.6)
Israel	-0.02	(0.03)	0.89	(0.02)	2.14	(1.85)	-0.74	(0.07)	12.7	(0.8)
Italy	-0.12	(0.01)	1.02	(0.01)	-3.09	(0.79)	0.11	(0.03)	21.4	(0.4)
Japan	-0.01	(0.01)	0.72	(0.01)	-4.91	(2.15)	0.00	(0.03)	7.9	(0.4)
Korea	-0.15	(0.03)	0.82	(0.01)	-0.06	(1.39)	-0.14	(0.04)	15.8	(0.8)
Luxembourg	0.19	(0.01)	1.10	(0.01)	-0.13	(1.06)	-0.37	(0.04)	16.1	(0.6)
Mexico	-1.22	(0.03)	1.30	(0.01)	0.23	(0.69)	0.18	(0.02)	58.2	(0.9)
Netherlands	0.27	(0.03)	0.86	(0.02)	4.55	(1.65)	-0.38	(0.05)	6.5	(0.8)
New Zealand	0.09	(0.02)	0.79	(0.01)	-0.15	(1.70)	-0.13	(0.04)	8.6	(0.5)
Norway	0.47	(0.02)	0.74	(0.01)	-5.03	(1.80)	-0.20	(0.05)	2.4	(0.3)
Poland	-0.28	(0.02)	0.88	(0.01)	-3.10	(1.49)	0.47	(0.04)	20.7	(0.8)
Portugal	-0.32	(0.04)	1.18	(0.02)	-0.03	(0.94)	0.42	(0.04)	33.5	(1.1)
Slovak Republic	-0.09	(0.02)	0.84	(0.01)	-5.48	(1.70)	0.39	(0.06)	10.4	(0.7)
Slovenia	0.07	(0.01)	0.88	(0.01)	-0.75	(1.66)	0.13	(0.03)	10.2	(0.4)
Spain	-0.31	(0.03)	1.09	(0.01)	-0.58	(0.90)	0.11	(0.03)	29.0	(1.0)
Sweden	0.33	(0.02)	0.81	(0.01)	-2.45	(1.18)	-0.39	(0.10)	5.1	(0.4)
Switzerland	0.08	(0.02)	0.88	(0.01)	-0.57	(1.29)	-0.03	(0.03)	11.1	(0.6)
Turkey	-1.16	(0.05)	1.22	(0.02)	-0.27	(0.89)	0.31	(0.05)	58.0	(1.6)
United Kingdom	0.20	(0.02)	0.79	(0.01)	0.84	(1.40)	-0.12	(0.05)	5.6	(0.5)
United States	0.17	(0.04)	0.93	(0.02)	6.61	(1.35)	-0.25	(0.05)	10.4	(0.8)
OECD average	0.00	(0.00)	0.91	(0.00)	-0.95	(0.25)	-0.06	(0.01)	14.8	(0.1)
Partners										
Albania	-0.95	(0.04)	1.04	(0.02)	2.71	(1.70)	0.06	(0.04)	49.7	(1.5)
Argentina	-0.62	(0.05)	1.19	(0.03)	5.01	(1.51)	-0.03	(0.05)	37.7	(1.6)
Azerbaijan	-0.64	(0.03)	0.99	(0.02)	2.26	(1.28)	0.09	(0.04)	38.3	(1.3)
Brazil	-1.16	(0.03)	1.21	(0.01)	6.51	(1.20)	0.14	(0.03)	55.7	(1.0)
Bulgaria	-0.11	(0.04)	0.98	(0.02)	-2.79	(1.83)	-0.12	(0.07)	17.3	(1.2)
Colombia	-1.15	(0.05)	1.27	(0.02)	3.23	(0.94)	-0.03	(0.05)	53.4	(1.8)
Croatia	-0.18	(0.02)	0.91	(0.01)	-1.88	(1.26)	0.15	(0.04)	16.9	(0.7)
Dubai (UAE)	0.42	(0.01)	0.79	(0.01)	-1.35	(1.62)	-0.87	(0.03)	5.8	(0.3)
Hong Kong-China	-0.80	(0.04)	1.02	(0.02)	-3.22	(1.19)	0.16	(0.03)	44.6	(1.4)
Indonesia	-1.55	(0.06)	1.10	(0.02)	2.74	(1.34)	0.35	(0.05)	69.5	(2.1)
Jordan	-0.57	(0.03)	1.05	(0.02)	0.31	(1.27)	-0.19	(0.05)	35.8	(1.2)
Kazakhstan	-0.51	(0.03)	0.83	(0.01)	-0.65	(1.76)	-0.05	(0.08)	30.0	(1.5)
Kyrgyzstan	-0.65	(0.03)	0.93	(0.01)	7.02	(1.88)	0.05	(0.04)	37.9	(1.2)
Latvia	-0.13	(0.03)	0.88	(0.01)	0.28	(1.92)	0.03	(0.04)	18.3	(0.9)
Liechtenstein	0.09	(0.05)	0.94	(0.03)	-4.38	(4.29)	-0.07	(0.14)	13.4	(1.7)
Lithuania	-0.05	(0.02)	0.97	(0.01)	0.39	(1.16)	-0.01	(0.05)	18.8	(0.8)
Macao-China	-0.70	(0.01)	0.87	(0.01)	-0.92	(0.97)	0.27	(0.03)	38.0	(0.7)
Montenegro	-0.24	(0.02)	0.95	(0.01)	-1.62	(1.35)	0.06	(0.03)	21.6	(0.9)
Panama	-0.81	(0.08)	1.33	(0.04)	8.20	(1.28)	-0.20	(0.06)	43.5	(2.2)
Peru	-1.31	(0.05)	1.25	(0.03)	0.45	(1.20)	0.11	(0.04)	61.2	(1.6)
Qatar	0.51	(0.01)	0.91	(0.01)	-0.97	(1.04)	-0.80	(0.02)	7.3	(0.3)
Romania	-0.34	(0.03)	0.92	(0.03)	-0.67	(1.12)	-0.20	(0.17)	21.1	(1.2)
Russian Federation	-0.21	(0.02)	0.80	(0.01)	0.23	(1.83)	0.12	(0.04)	17.0	(0.9)
Serbia	0.07	(0.02)	0.97	(0.01)	0.63	(1.11)	0.13	(0.05)	12.1	(0.6)
Shanghai-China	-0.49	(0.04)	1.04	(0.02)	0.79	(1.32)	-0.07	(0.04)	33.1	(1.3)
Singapore	-0.43	(0.01)	0.80	(0.01)	2.71	(1.43)	-0.34	(0.03)	23.7	(0.5)
Chinese Taipei	-0.33	(0.02)	0.83	(0.01)	1.37	(1.63)	-0.15	(0.05)	21.1	(0.9)
Thailand	-1.31	(0.04)	1.19	(0.02)	4.41	(1.28)	0.54	(0.04)	64.8	(1.4)
Trinidad and Tobago	-0.58	(0.02)	0.93	(0.01)	6.87	(1.19)	-0.17	(0.04)	31.4	(0.7)
Tunisia	-1.20	(0.05)	1.31	(0.02)	2.38	(0.82)	0.16	(0.04)	56.5	(1.7)
Uruguay	-0.70	(0.03)	1.22	(0.02)	1.15	(0.97)	0.34	(0.03)	45.6	(1.0)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. In these columns values that are statistically significant different from the OECD average are indicated in bold.

2. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

3. Student-level regression of reading performance on the ESCS and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.

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[Part 1/1]

Percentage of resilient students and disadvantaged low achievers among all students, by genderTable II.3.3 *Results based on students' self-reports*

		Resilient and disadvantaged low achievers											
		Resilient students ¹					Disadvantaged low achievers ²						
		All students		Girls		Boys		All students		Girls		Boys	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	7.7	(0.3)	9.5	(0.5)	5.8	(0.4)	4.4	(0.3)	2.9	(0.3)	6.0	(0.4)
	Austria	4.9	(0.4)	6.3	(0.5)	3.5	(0.5)	8.2	(0.6)	6.1	(0.8)	10.4	(0.7)
	Belgium	7.6	(0.3)	9.6	(0.5)	5.7	(0.4)	5.1	(0.4)	4.1	(0.5)	6.0	(0.6)
	Canada	9.8	(0.5)	11.6	(0.7)	8.0	(0.5)	2.9	(0.2)	1.8	(0.2)	3.9	(0.3)
	Chile	6.0	(0.5)	7.3	(0.8)	4.7	(0.5)	3.9	(0.5)	2.9	(0.5)	4.9	(0.7)
	Czech Republic	5.3	(0.4)	7.4	(0.6)	3.5	(0.4)	5.8	(0.5)	4.0	(0.5)	7.4	(0.7)
	Denmark	6.0	(0.5)	7.5	(0.8)	4.4	(0.5)	4.2	(0.4)	3.5	(0.4)	4.9	(0.5)
	Estonia	8.5	(0.5)	11.4	(1.0)	5.9	(0.6)	2.9	(0.4)	1.5	(0.4)	4.1	(0.7)
	Finland	11.4	(0.6)	14.4	(0.7)	8.4	(0.8)	2.2	(0.3)	1.0	(0.2)	3.5	(0.4)
	France	7.6	(0.6)	10.1	(0.9)	5.1	(0.7)	5.2	(0.5)	3.6	(0.5)	6.9	(0.8)
	Germany	5.7	(0.4)	7.2	(0.6)	4.2	(0.5)	5.1	(0.5)	3.7	(0.5)	6.5	(0.7)
	Greece	6.9	(0.5)	9.6	(0.9)	4.2	(0.5)	5.2	(0.9)	3.2	(0.6)	7.3	(1.3)
	Hungary	6.4	(0.5)	9.2	(0.9)	3.7	(0.5)	4.2	(0.7)	2.6	(0.8)	5.7	(0.8)
	Iceland	7.4	(0.5)	9.7	(0.7)	5.1	(0.6)	5.1	(0.4)	3.6	(0.5)	6.7	(0.6)
	Ireland	7.4	(0.6)	9.4	(0.8)	5.5	(0.8)	4.1	(0.4)	2.4	(0.4)	5.9	(0.7)
	Israel	6.0	(0.5)	8.4	(0.7)	3.4	(0.5)	6.9	(0.6)	5.6	(0.7)	8.3	(0.7)
	Italy	8.0	(0.3)	10.8	(0.4)	5.3	(0.3)	4.4	(0.3)	2.5	(0.3)	6.1	(0.5)
	Japan	10.5	(0.6)	12.2	(0.8)	9.0	(0.7)	3.3	(0.4)	1.9	(0.4)	4.7	(0.7)
	Korea	14.0	(0.8)	16.3	(1.3)	12.1	(0.9)	1.3	(0.4)	0.5	(0.2)	2.0	(0.6)
	Luxembourg	5.1	(0.4)	7.0	(0.6)	3.2	(0.5)	7.4	(0.4)	5.7	(0.6)	9.1	(0.6)
	Mexico	7.3	(0.4)	9.2	(0.5)	5.3	(0.4)	3.5	(0.3)	2.7	(0.3)	4.2	(0.4)
	Netherlands	8.0	(0.8)	9.2	(1.1)	6.8	(0.8)	2.8	(0.4)	2.1	(0.5)	3.5	(0.6)
	New Zealand	9.2	(0.5)	11.7	(0.7)	6.8	(0.7)	3.6	(0.4)	1.8	(0.4)	5.4	(0.6)
	Norway	6.5	(0.4)	9.3	(0.7)	3.8	(0.5)	5.1	(0.4)	3.6	(0.4)	6.6	(0.7)
	Poland	9.2	(0.5)	12.7	(0.8)	5.7	(0.6)	3.0	(0.4)	1.4	(0.3)	4.6	(0.6)
	Portugal	9.8	(0.5)	12.9	(0.8)	6.6	(0.5)	2.8	(0.3)	1.5	(0.4)	4.2	(0.5)
	Slovak Republic	5.3	(0.4)	7.0	(0.6)	3.5	(0.5)	5.6	(0.6)	3.6	(0.6)	7.7	(0.9)
	Slovenia	6.1	(0.5)	9.4	(0.8)	3.0	(0.4)	5.1	(0.3)	2.8	(0.3)	7.2	(0.5)
	Spain	9.0	(0.6)	10.5	(1.0)	7.6	(0.6)	3.3	(0.4)	2.3	(0.3)	4.3	(0.5)
	Sweden	6.4	(0.5)	8.1	(0.7)	4.6	(0.6)	5.8	(0.5)	3.4	(0.6)	8.1	(0.7)
	Switzerland	7.9	(0.5)	10.4	(0.9)	5.6	(0.4)	4.5	(0.4)	3.0	(0.4)	5.9	(0.6)
	Turkey	10.5	(0.6)	11.5	(0.8)	9.5	(0.8)	1.6	(0.3)	0.7	(0.3)	2.5	(0.5)
United Kingdom	6.0	(0.4)	7.1	(0.6)	4.8	(0.5)	5.0	(0.4)	4.1	(0.4)	5.9	(0.6)	
United States	7.2	(0.6)	8.6	(0.9)	5.7	(0.5)	4.6	(0.4)	3.0	(0.4)	6.1	(0.6)	
OECD average	7.7	(0.3)	9.8	(0.6)	5.6	(0.3)	4.4	(0.2)	2.9	(0.2)	5.8	(0.5)	
Partners	Albania	2.8	(0.4)	4.0	(0.7)	1.8	(0.6)	9.2	(0.9)	6.0	(0.9)	12.2	(1.2)
	Argentina	2.7	(0.3)	3.8	(0.5)	1.6	(0.4)	9.9	(0.9)	8.3	(0.8)	11.7	(1.1)
	Azerbaijan	1.2	(0.3)	1.4	(0.4)	1.0	(0.4)	12.4	(1.0)	11.8	(1.2)	13.1	(1.2)
	Brazil	5.5	(0.4)	7.4	(0.6)	3.4	(0.3)	4.6	(0.3)	3.9	(0.4)	5.3	(0.5)
	Bulgaria	2.3	(0.3)	3.5	(0.6)	1.3	(0.3)	11.7	(1.2)	8.2	(1.0)	15.0	(1.5)
	Colombia	5.8	(0.5)	6.6	(0.7)	4.9	(0.6)	4.5	(0.6)	4.5	(0.7)	4.4	(0.7)
	Croatia	6.7	(0.5)	9.2	(0.8)	4.4	(0.5)	4.4	(0.4)	2.4	(0.4)	6.2	(0.7)
	Dubai (UAE)	2.5	(0.3)	3.1	(0.4)	2.0	(0.3)	10.9	(0.4)	7.3	(0.5)	14.4	(0.6)
	Hong Kong-China	18.1	(0.9)	19.5	(1.3)	16.8	(1.0)	0.7	(0.2)	0.2	(0.1)	1.1	(0.3)
	Indonesia	6.0	(0.7)	8.3	(0.9)	3.7	(0.7)	2.0	(0.4)	1.3	(0.4)	2.8	(0.5)
	Jordan	3.1	(0.3)	4.9	(0.6)	1.3	(0.2)	7.4	(0.6)	4.7	(0.6)	10.0	(1.0)
	Kazakhstan	1.4	(0.3)	1.8	(0.4)	1.1	(0.3)	13.1	(1.0)	9.7	(1.1)	16.5	(1.3)
	Kyrgyzstan	0.2	(0.1)	0.3	(0.2)	0.1	(0.1)	19.7	(0.9)	17.9	(1.1)	21.6	(1.2)
	Latvia	7.7	(0.7)	10.9	(1.0)	4.5	(0.7)	2.6	(0.4)	1.4	(0.4)	3.9	(0.7)
	Liechtenstein	8.8	(1.4)	12.0	(2.7)	6.0	(1.8)	3.5	(1.1)	3.5	(1.3)	3.5	(1.8)
	Lithuania	4.9	(0.4)	7.4	(0.6)	2.5	(0.4)	4.8	(0.5)	2.6	(0.4)	7.1	(0.9)
	Macao-China	12.5	(0.5)	13.2	(0.6)	11.8	(0.7)	1.1	(0.2)	0.5	(0.2)	1.6	(0.2)
	Montenegro	2.1	(0.3)	3.0	(0.5)	1.1	(0.2)	11.0	(0.6)	8.2	(0.6)	13.7	(0.9)
	Panama	2.1	(0.5)	2.3	(0.6)	1.8	(0.8)	8.4	(1.1)	7.5	(1.1)	9.3	(1.5)
	Peru	1.2	(0.2)	1.5	(0.3)	1.0	(0.2)	11.6	(0.8)	10.7	(1.0)	12.6	(1.0)
	Qatar	0.7	(0.1)	1.0	(0.2)	0.5	(0.1)	17.0	(0.4)	15.9	(0.5)	18.0	(0.5)
	Romania	2.5	(0.4)	3.5	(0.5)	1.4	(0.4)	9.5	(1.0)	7.0	(0.9)	12.1	(1.4)
	Russian Federation	4.7	(0.5)	6.2	(0.7)	3.2	(0.4)	6.0	(0.6)	3.9	(0.6)	8.1	(1.0)
	Serbia	3.6	(0.4)	5.1	(0.7)	2.2	(0.4)	7.1	(0.6)	4.8	(0.6)	9.3	(0.8)
	Shanghai-China	18.9	(1.0)	20.6	(1.2)	17.2	(1.1)	0.3	(0.1)	0.1	(0.1)	0.5	(0.2)
	Singapore	11.9	(0.4)	12.9	(0.6)	11.0	(0.7)	2.1	(0.2)	1.1	(0.2)	3.1	(0.4)
	Chinese Taipei	9.7	(0.6)	11.9	(0.9)	7.6	(0.7)	3.0	(0.4)	1.5	(0.3)	4.4	(0.6)
	Thailand	6.7	(0.6)	8.9	(0.8)	3.8	(0.5)	1.9	(0.4)	0.9	(0.3)	3.2	(0.7)
	Trinidad and Tobago	4.7	(0.4)	6.1	(0.6)	3.2	(0.5)	8.8	(0.5)	6.6	(0.5)	11.1	(0.9)
	Tunisia	6.5	(0.5)	7.4	(0.7)	5.6	(0.6)	4.1	(0.4)	3.3	(0.5)	4.9	(0.6)
Uruguay	4.0	(0.3)	5.3	(0.5)	2.6	(0.4)	6.9	(0.5)	5.5	(0.6)	8.5	(0.7)	

1. A student is classified as resilient if he or she is in the bottom quarter of the PISA index of economic, social and cultural status (ESCS) in the country of assessment and performs in the top quarter across students from all countries after accounting for socio-economic background.

2. A student is classified as disadvantaged low achiever, if he or she is in the bottom quarter of the PISA index of economic, social and cultural status (ESCS) in the country of assessment and performs in the bottom quarter across students from all countries after accounting for socio-economic background.

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[Part 1/2]

Percentage of students and reading performance, by immigrant status

Table II.4.1 Results based on students' self-reports

	Native students				Second-generation students				First-generation students				Students with an immigrant background (first- or second-generation)			
	Percentage of students		Performance on the reading scale		Percentage of students		Performance on the reading scale		Percentage of students		Performance on the reading scale		Percentage of students		Performance on the reading scale	
	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.	
OECD																
Australia	80.7 (1.0)	515 (2.1)	9.9 (0.6)	541 (6.7)	9.5 (0.6)	527 (6.9)	19.3 (1.0)	534 (6.4)								
Austria	84.8 (1.2)	482 (2.9)	10.5 (0.9)	428 (6.0)	4.8 (0.6)	385 (10.0)	15.2 (1.2)	414 (6.0)								
Belgium	85.2 (1.1)	519 (2.2)	7.8 (0.7)	453 (6.8)	6.9 (0.7)	449 (7.8)	14.8 (1.1)	451 (6.1)								
Canada	75.6 (1.3)	528 (1.5)	13.7 (0.8)	522 (3.6)	10.7 (0.7)	520 (4.6)	24.4 (1.3)	521 (3.4)								
Chile	99.5 (0.1)	452 (3.0)	0.1 (0.0)	427 (46.1)	0.4 (0.1)	c c	0.5 (0.1)	c c								
Czech Republic	97.7 (0.2)	479 (2.8)	1.4 (0.2)	448 (17.9)	0.8 (0.1)	472 (17.5)	2.3 (0.2)	457 (13.7)								
Denmark	91.4 (0.4)	502 (2.2)	5.9 (0.3)	446 (4.3)	2.8 (0.2)	422 (6.2)	8.6 (0.4)	438 (3.8)								
Estonia	92.0 (0.6)	505 (2.7)	7.4 (0.6)	470 (6.6)	0.6 (0.1)	470 (17.4)	8.0 (0.6)	470 (6.5)								
Finland	97.4 (0.3)	538 (2.2)	1.1 (0.2)	493 (13.9)	1.4 (0.2)	449 (17.7)	2.6 (0.3)	468 (12.8)								
France	86.9 (1.4)	505 (3.7)	10.0 (1.0)	450 (8.9)	3.2 (0.5)	426 (15.0)	13.1 (1.4)	444 (8.4)								
Germany	82.4 (1.0)	511 (2.6)	11.7 (0.8)	457 (6.1)	5.9 (0.4)	450 (5.7)	17.6 (1.0)	455 (4.7)								
Greece	91.0 (0.8)	489 (4.2)	2.9 (0.3)	456 (10.4)	6.1 (0.7)	420 (15.5)	9.0 (0.8)	432 (11.5)								
Hungary	97.9 (0.3)	495 (3.1)	0.9 (0.1)	527 (12.4)	1.2 (0.2)	493 (11.6)	2.1 (0.3)	507 (8.3)								
Iceland	97.6 (0.2)	504 (1.4)	0.4 (0.1)	c c	1.9 (0.2)	418 (12.5)	2.4 (0.2)	423 (12.4)								
Ireland	91.7 (0.6)	502 (3.0)	1.4 (0.2)	508 (12.8)	6.8 (0.5)	466 (7.6)	8.3 (0.6)	473 (7.1)								
Israel	80.3 (1.1)	480 (3.3)	12.6 (0.7)	487 (6.5)	7.1 (0.7)	462 (9.2)	19.7 (1.1)	478 (6.4)								
Italy	94.5 (0.3)	491 (1.6)	1.3 (0.1)	446 (9.4)	4.2 (0.2)	410 (4.5)	5.5 (0.3)	418 (4.2)								
Japan	99.7 (0.1)	521 (3.4)	0.1 (0.0)	c c	0.1 (0.0)	c c	0.3 (0.1)	c c								
Korea	100.0 (0.0)	540 (3.4)	0.0 c	c c	0.0 c	c c	0.0 (0.0)	c c								
Luxembourg	59.8 (0.7)	495 (1.9)	24.0 (0.6)	439 (2.9)	16.1 (0.5)	448 (4.5)	40.2 (0.7)	442 (2.1)								
Mexico	98.1 (0.2)	430 (1.8)	0.7 (0.1)	340 (9.9)	1.1 (0.1)	324 (9.9)	1.9 (0.2)	331 (7.9)								
Netherlands	87.9 (1.4)	515 (5.2)	8.9 (1.1)	469 (8.2)	3.2 (0.5)	471 (12.5)	12.1 (1.4)	470 (7.8)								
New Zealand	75.3 (1.0)	526 (2.6)	8.0 (0.6)	498 (8.3)	16.7 (0.7)	520 (4.5)	24.7 (1.0)	513 (4.7)								
Norway	93.2 (0.6)	508 (2.6)	3.6 (0.4)	463 (8.0)	3.2 (0.3)	447 (7.8)	6.8 (0.6)	456 (5.9)								
Poland	100.0 (0.0)	502 (2.6)	0.0 c	c c	0.0 (0.0)	c c	0.0 (0.0)	c c								
Portugal	94.5 (0.5)	492 (3.1)	2.7 (0.3)	476 (9.4)	2.8 (0.3)	456 (8.8)	5.5 (0.5)	466 (6.9)								
Slovak Republic	99.5 (0.1)	478 (2.5)	0.3 (0.1)	528 (28.5)	0.3 (0.1)	c c	0.5 (0.1)	c c								
Slovenia	92.2 (0.4)	488 (1.1)	6.4 (0.4)	447 (5.5)	1.4 (0.2)	414 (8.7)	7.8 (0.4)	441 (4.8)								
Spain	90.5 (0.5)	488 (2.0)	1.1 (0.1)	464 (8.4)	8.4 (0.5)	428 (3.9)	9.5 (0.5)	432 (3.8)								
Sweden	88.3 (1.2)	507 (2.7)	8.0 (0.8)	454 (7.5)	3.7 (0.5)	416 (11.3)	11.7 (1.2)	442 (6.9)								
Switzerland	76.5 (0.9)	513 (2.2)	15.1 (0.7)	471 (4.5)	8.4 (0.5)	455 (6.7)	23.5 (0.9)	465 (4.1)								
Turkey	99.5 (0.1)	466 (3.5)	0.4 (0.1)	c c	0.1 (0.1)	c c	0.5 (0.1)	c c								
United Kingdom	89.4 (1.0)	499 (2.2)	5.8 (0.7)	492 (8.5)	4.8 (0.4)	458 (9.5)	10.6 (1.0)	476 (7.5)								
United States	80.5 (1.3)	506 (3.8)	13.0 (1.1)	483 (6.2)	6.4 (0.5)	485 (7.9)	19.5 (1.3)	484 (5.8)								
OECD average	89.7 (0.1)	499 (0.5)	5.8 (0.1)	468 (2.4)	4.5 (0.1)	449 (2.0)	10.3 (0.1)	457 (1.4)								
Partners																
Albania	99.4 (0.2)	389 (4.0)	0.5 (0.2)	c c	0.1 (0.1)	c c	0.6 (0.2)	c c								
Argentina	96.4 (0.5)	401 (4.6)	2.2 (0.3)	366 (12.6)	1.5 (0.3)	356 (26.5)	3.6 (0.5)	362 (15.2)								
Azerbaijan	96.9 (0.6)	363 (3.4)	2.3 (0.5)	359 (9.6)	0.8 (0.1)	381 (12.6)	3.1 (0.6)	365 (8.8)								
Brazil	99.2 (0.1)	416 (2.7)	0.5 (0.1)	321 (18.7)	0.3 (0.1)	310 (18.6)	0.8 (0.1)	317 (13.5)								
Bulgaria	99.5 (0.1)	433 (6.7)	0.2 (0.1)	c c	0.3 (0.1)	c c	0.5 (0.1)	c c								
Colombia	99.7 (0.1)	415 (3.6)	0.3 (0.1)	c c	0.0 (0.0)	c c	0.3 (0.1)	313 (24.8)								
Croatia	89.3 (0.6)	479 (2.9)	7.2 (0.5)	465 (5.5)	3.5 (0.3)	452 (8.4)	10.7 (0.6)	461 (5.3)								
Dubai (UAE)	28.6 (0.4)	395 (2.1)	26.4 (0.6)	467 (3.2)	45.0 (0.6)	503 (2.0)	71.4 (0.4)	490 (1.4)								
Hong Kong-China	60.6 (1.5)	535 (2.7)	23.9 (0.8)	543 (3.2)	15.5 (1.0)	512 (5.5)	39.4 (1.5)	531 (3.4)								
Indonesia	99.7 (0.1)	403 (3.7)	0.0 c	c c	0.3 (0.1)	c c	0.3 (0.1)	c c								
Jordan	86.2 (0.9)	407 (3.1)	10.5 (0.7)	420 (6.5)	3.3 (0.3)	412 (8.6)	13.8 (0.9)	418 (5.7)								
Kazakhstan	88.4 (1.1)	390 (3.2)	7.2 (0.8)	415 (12.1)	4.4 (0.6)	366 (8.9)	11.6 (1.1)	396 (9.7)								
Kyrgyzstan	98.1 (0.3)	317 (3.1)	1.1 (0.2)	359 (19.9)	0.8 (0.2)	332 (18.7)	1.9 (0.3)	348 (14.4)								
Latvia	95.5 (0.5)	485 (2.9)	4.1 (0.5)	472 (9.7)	0.4 (0.1)	c c	4.5 (0.5)	474 (9.0)								
Liechtenstein	69.7 (2.5)	510 (4.3)	13.7 (1.8)	486 (10.0)	16.7 (1.9)	474 (11.2)	30.3 (2.5)	479 (7.4)								
Lithuania	98.3 (0.3)	471 (2.4)	1.6 (0.3)	447 (11.0)	0.2 (0.1)	c c	1.7 (0.3)	448 (10.5)								
Macao-China	29.6 (0.6)	482 (2.0)	54.9 (0.6)	489 (1.3)	15.5 (0.4)	491 (2.2)	70.4 (0.6)	489 (1.0)								
Montenegro	93.4 (0.4)	408 (1.7)	2.5 (0.3)	433 (10.1)	4.1 (0.3)	404 (8.9)	6.6 (0.4)	415 (6.8)								
Panama	96.1 (0.8)	382 (5.6)	1.4 (0.3)	398 (28.8)	2.5 (0.7)	324 (32.6)	3.9 (0.8)	350 (26.8)								
Peru	99.6 (0.1)	374 (3.9)	0.3 (0.1)	c c	0.2 (0.1)	c c	0.4 (0.1)	c c								
Qatar	53.6 (0.4)	331 (1.3)	20.0 (0.4)	392 (2.3)	26.4 (0.4)	457 (2.1)	46.4 (0.4)	429 (1.4)								
Romania	99.7 (0.1)	426 (4.0)	0.1 (0.0)	c c	0.2 (0.1)	c c	0.3 (0.1)	c c								
Russian Federation	87.9 (0.7)	464 (3.2)	7.2 (0.7)	435 (9.4)	4.9 (0.4)	444 (7.1)	12.1 (0.7)	439 (7.0)								
Serbia	90.5 (0.6)	442 (2.4)	5.2 (0.4)	464 (6.5)	4.3 (0.4)	446 (7.8)	9.5 (0.6)	456 (4.9)								
Shanghai-China	99.5 (0.1)	557 (2.3)	0.1 (0.0)	c c	0.5 (0.1)	c c	0.5 (0.1)	c c								
Singapore	85.6 (0.7)	526 (1.2)	4.8 (0.4)	544 (6.4)	9.6 (0.5)	521 (4.9)	14.4 (0.7)	529 (4.3)								
Chinese Taipei	99.6 (0.1)	497 (2.5)	0.2 (0.1)	c c	0.2 (0.1)	c c	0.4 (0.1)	c c								
Thailand	100.0 (0.0)	421 (2.6)	0.0 c	c c	0.0 c	c c	0.0 c	c c								
Trinidad and Tobago	97.7 (0.2)	422 (1.2)	1.2 (0.2)	418 (19.7)	1.0 (0.1)	432 (18.0)	2.3 (0.2)	424 (13.3)								
Tunisia	99.7 (0.1)	404 (2.9)	0.2 (0.1)	365 (30.4)	0.1 (0.1)	c c	0.3 (0.1)	c c								
Uruguay	99.4 (0.1)	427 (2.6)	0.3 (0.1)	c c	0.3 (0.1)	c c	0.6 (0.1)	c c								

Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 2/2]

Percentage of students and reading performance, by immigrant status

Table II.4.1 Results based on students' self-reports

	Difference in reading performance between native and second-generation students		Difference in reading performance between native and first-generation students		Difference in reading performance between second- and first-generation students		Difference in reading performance between native students and students with an immigrant background		Difference in reading performance between native students and students with an immigrant background, after accounting for socio-economic background		Pooled within-country correlations between students' socio-economic status and immigrant status		Pooled within-country correlations between schools' socio-economic status and immigrant status		Difference in the PISA index of economic, social and cultural status between native students and students with an immigrant background		Increased likelihood of first-generation students scoring in the bottom quarter of the reading performance distribution		
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Corr.	S.E.	Corr.	S.E.	Dif.	S.E.	Ratio	S.E.	
OECD																			
Australia	-26	(7.0)	-12	(6.9)	14	(5.0)	-19	(6.5)	-11	(5.1)	0.01	(0.01)	0.00	(0.07)	0.01	(0.03)	0.89	(0.07)	
Austria	54	(6.8)	97	(10.2)	43	(10.6)	67	(6.7)	37	(6.7)	-0.30	(0.02)	-0.41	(0.06)	0.73	(0.05)	2.69	(0.27)	
Belgium	66	(7.1)	70	(7.4)	5	(8.0)	68	(6.0)	41	(5.3)	-0.19	(0.02)	-0.39	(0.05)	0.56	(0.06)	2.18	(0.17)	
Canada	5	(3.8)	8	(4.7)	3	(4.4)	7	(3.6)	3	(3.1)	-0.02	(0.02)	0.02	(0.05)	0.08	(0.04)	1.27	(0.09)	
Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Czech Republic	31	(17.7)	7	(16.8)	-24	(23.7)	22	(13.2)	17	(11.4)	-0.01	(0.02)	0.08	(0.10)	0.13	(0.10)	1.29	(0.42)	
Denmark	56	(4.3)	79	(6.5)	24	(7.0)	63	(3.9)	36	(3.7)	-0.22	(0.02)	-0.42	(0.04)	0.75	(0.04)	2.51	(0.19)	
Estonia	35	(6.5)	35	(17.1)	0	(17.1)	35	(6.3)	34	(5.8)	-0.02	(0.02)	0.01	(0.04)	0.06	(0.06)	1.49	(0.34)	
Finland	45	(13.9)	89	(17.6)	44	(21.8)	70	(12.7)	60	(11.2)	-0.07	(0.03)	0.30	(0.04)	0.32	(0.12)	2.44	(0.31)	
France	55	(9.5)	79	(15.3)	23	(15.9)	61	(9.0)	30	(8.4)	-0.23	(0.03)	-0.50	(0.06)	0.60	(0.05)	2.11	(0.28)	
Germany	54	(6.2)	61	(6.0)	7	(7.9)	56	(4.8)	27	(4.3)	-0.27	(0.02)	-0.44	(0.04)	0.72	(0.04)	1.98	(0.16)	
Greece	33	(10.3)	69	(15.2)	36	(18.0)	57	(11.1)	35	(10.9)	-0.20	(0.02)	-0.36	(0.05)	0.68	(0.06)	2.08	(0.28)	
Hungary	-32	(12.4)	2	(11.7)	34	(17.5)	-12	(8.4)	-11	(7.3)	0.00	(0.02)	-0.20	(0.09)	-0.03	(0.11)	1.10	(0.31)	
Iceland	c	c	86	(12.6)	c	c	81	(12.5)	61	(11.9)	-0.14	(0.02)	-0.16	(0.01)	0.81	(0.11)	2.39	(0.31)	
Ireland	-6	(13.4)	36	(7.7)	42	(14.6)	29	(7.3)	33	(6.5)	0.03	(0.02)	0.04	(0.08)	-0.09	(0.06)	1.80	(0.19)	
Israel	-7	(6.1)	18	(8.9)	25	(8.5)	2	(6.1)	-17	(4.7)	-0.15	(0.02)	-0.10	(0.05)	0.32	(0.06)	1.26	(0.15)	
Italy	45	(9.4)	81	(4.7)	36	(10.3)	72	(4.4)	53	(4.4)	-0.14	(0.01)	-0.51	(0.02)	0.63	(0.05)	2.44	(0.14)	
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Luxembourg	56	(3.7)	47	(4.9)	-9	(6.0)	52	(3.0)	19	(3.1)	-0.34	(0.01)	-0.44	(0.00)	0.91	(0.03)	1.69	(0.11)	
Mexico	89	(9.7)	105	(9.5)	16	(12.3)	99	(7.5)	85	(7.4)	-0.06	(0.01)	-0.28	(0.03)	0.57	(0.08)	3.15	(0.17)	
Netherlands	46	(9.3)	44	(10.9)	-2	(12.3)	46	(8.0)	14	(8.0)	-0.29	(0.03)	-0.47	(0.09)	0.83	(0.07)	1.68	(0.22)	
New Zealand	28	(9.0)	6	(5.0)	-22	(8.5)	13	(5.3)	14	(4.1)	0.05	(0.02)	-0.15	(0.06)	-0.03	(0.03)	1.11	(0.09)	
Norway	45	(8.1)	60	(7.5)	15	(10.5)	52	(5.7)	33	(5.5)	-0.19	(0.02)	-0.12	(0.09)	0.54	(0.06)	2.11	(0.19)	
Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Portugal	16	(9.4)	36	(8.9)	20	(11.6)	26	(7.0)	24	(6.0)	-0.01	(0.01)	-0.12	(0.05)	0.06	(0.08)	1.74	(0.21)	
Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Slovenia	41	(5.6)	74	(8.9)	33	(10.4)	47	(4.9)	24	(4.9)	-0.18	(0.01)	-0.29	(0.01)	0.62	(0.05)	2.06	(0.29)	
Spain	24	(8.3)	60	(3.8)	36	(9.0)	56	(3.6)	44	(3.4)	-0.13	(0.02)	0.02	(0.06)	0.47	(0.05)	2.17	(0.11)	
Sweden	53	(7.7)	91	(11.6)	38	(12.2)	66	(7.2)	40	(6.2)	-0.23	(0.03)	-0.31	(0.08)	0.55	(0.05)	2.47	(0.25)	
Switzerland	42	(3.9)	58	(6.5)	16	(7.2)	48	(3.5)	28	(3.0)	-0.24	(0.02)	-0.34	(0.06)	0.56	(0.04)	1.98	(0.12)	
Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
United Kingdom	7	(8.6)	41	(9.7)	34	(10.7)	23	(7.6)	14	(5.4)	-0.08	(0.03)	-0.19	(0.09)	0.18	(0.09)	1.66	(0.20)	
United States	22	(6.1)	21	(7.2)	-2	(7.6)	22	(5.5)	-9	(4.1)	-0.28	(0.03)	-0.49	(0.06)	0.70	(0.07)	1.30	(0.13)	
OECD average	33	(1.7)	52	(1.9)	18	(2.4)	43	(1.4)	27	(1.3)	-0.14	(0.00)	-0.22	(0.01)	0.44	(0.01)	1.89	(0.04)	
Partners																			
Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Argentina	35	(13.3)	46	(26.6)	10	(24.7)	40	(15.6)	16	(15.3)	-0.08	(0.02)	-0.09	(0.09)	0.58	(0.10)	1.54	(0.42)	
Azerbaijan	4	(9.7)	-18	(13.0)	-22	(14.4)	-2	(9.0)	1	(8.5)	0.03	(0.02)	0.27	(0.12)	-0.08	(0.16)	0.54	(0.33)	
Brazil	95	(19.0)	106	(18.8)	11	(27.2)	99	(13.8)	94	(13.3)	-0.02	(0.02)	-0.02	(0.03)	0.18	(0.24)	3.07	(0.51)	
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Colombia	c	c	c	c	c	c	102	(24.7)	81	(24.0)	-0.03	(0.01)	0.01	(0.08)	0.77	(0.26)	c	c	
Croatia	13	(5.3)	27	(8.2)	13	(8.1)	18	(5.1)	10	(4.5)	-0.10	(0.02)	-0.06	(0.07)	0.26	(0.05)	1.42	(0.23)	
Dubai (UAE)	-73	(3.9)	-109	(3.0)	-36	(4.3)	-95	(2.6)	-84	(2.8)	0.20	(0.01)	0.31	(0.00)	-0.24	(0.03)	0.36	(0.03)	
Hong Kong-China	-8	(3.8)	23	(6.2)	31	(5.6)	4	(4.3)	-9	(3.8)	-0.33	(0.02)	0.17	(0.14)	0.69	(0.05)	1.43	(0.13)	
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Jordan	-13	(5.8)	-5	(8.4)	8	(9.7)	-11	(5.1)	-4	(4.6)	0.11	(0.02)	0.34	(0.04)	-0.30	(0.06)	1.01	(0.16)	
Kazakhstan	-25	(12.4)	24	(9.1)	49	(13.3)	-6	(10.1)	-12	(8.8)	-0.07	(0.03)	0.19	(0.07)	0.14	(0.07)	1.47	(0.19)	
Kyrgyzstan	-42	(19.6)	-16	(18.7)	26	(26.6)	-31	(14.2)	-28	(12.1)	0.01	(0.03)	0.56	(0.04)	-0.06	(0.18)	0.81	(0.38)	
Latvia	13	(9.2)	c	c	c	c	11	(8.4)	13	(6.9)	0.02	(0.02)	-0.14	(0.07)	-0.06	(0.10)	c	c	
Liechtenstein	24	(12.0)	36	(13.5)	11	(15.2)	31	(10.3)	18	(10.9)	-0.24	(0.05)	-0.76	(0.00)	0.53	(0.10)	1.66	(0.41)	
Lithuania	24	(11.4)	c	c	c	c	23	(10.8)	21	(10.9)	-0.01	(0.01)	-0.04	(0.04)	0.07	(0.12)	c	c	
Macao-China	-7	(2.4)	-9	(3.0)	-2	(2.8)	-7	(2.3)	-12	(2.6)	-0.15	(0.01)	0.58	(0.00)	0.38	(0.03)	0.96	(0.07)	
Montenegro	-24	(10.3)	4	(8.4)	28	(13.2)	-7	(6.5)	-2	(6.0)	0.02	(0.02)	-0.29	(0.07)	-0.14	(0.07)	0.99	(0.19)	
Panama	-15	(27.4)	58	(31.4)	73	(42.5)	32	(25.4)	34	(23.0)	0.00	(0.03)	-0.19	(0.09)	-0.08	(0.18)	2.58	(0.54)	
Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Qatar	-61	(2.7)	-125	(2.8)	-65	(3.5)	-97	(2.2)	-97	(2.2)	0.05	(0.01)	0.38	(0.00)	0.00	(0.02)	0.24	(0.02)	
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Russian Federation	29	(9.4)	20	(6.6)	-9	(10.1)	25	(6.8)	20	(5.7)	-0.05	(0.02)	-0.27	(0.05)	0.13	(0.04)	1.27	(0.20)	
Serbia	-22	(6.6)	-4	(8.0)	17	(10.1)	-14	(5.2)	-18	(5.0)	-0.04	(0.01)	-0.14	(0.07)	0.11	(0.05)	0.96	(0.17)	
Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Singapore	-17	(6.7)	5	(5.5)	23	(7.1)	-2	(4.8)	7	(4.6)	0.10	(0.01)	-0.80	(0.01)	-0.20	(0.03)	1.13	(0.09)	
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Trinidad and Tobago	4	(19.7)	-9	(18.3)	-14	(27.1)	-2	(13.6)	7	(13.0)	0.07	(0.02)	-0.08	(0.01)	-0.38	(0.11)	1.36	(0.30)	
Tunisia	c	c	c	c	c	c	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	c	c	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 1/3]

Percentage of students at each proficiency level in reading, by immigrant status

Table II.4.2 Results based on students' self-reports

		Native students – Proficiency levels															
		Below Level 1b (less than 262.04 score points)		Level 1b (from 262.04 to less than 334.75 score points)		Level 1a (from 334.75 to less than 407.47 score points)		Level 2 (from 407.47 to less than 480.18 score points)		Level 3 (from 480.18 to less than 552.89 score points)		Level 4 (from 552.89 to less than 625.61 score points)		Level 5 (from 625.61 to less than 698.32 score points)		Level 6 (above 698.32 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	0.7	(0.1)	3.1	(0.3)	9.9	(0.4)	20.8	(0.6)	29.2	(0.7)	24.1	(0.6)	10.3	(0.5)	1.8	(0.2)
	Austria	1.3	(0.3)	6.2	(0.7)	15.5	(0.9)	24.0	(1.0)	27.8	(1.0)	19.5	(1.0)	5.3	(0.5)	0.4	(0.2)
	Belgium	0.6	(0.2)	3.2	(0.4)	9.8	(0.8)	19.2	(0.8)	27.0	(0.9)	27.6	(0.9)	11.4	(0.6)	1.2	(0.2)
	Canada	0.3	(0.1)	1.6	(0.2)	7.3	(0.4)	19.7	(0.6)	30.5	(0.6)	27.8	(0.6)	11.2	(0.5)	1.8	(0.2)
	Chile	1.1	(0.2)	6.8	(0.7)	21.6	(1.0)	33.5	(1.1)	26.1	(1.1)	9.6	(0.7)	1.3	(0.3)	0.0	(0.0)
	Czech Republic	0.7	(0.3)	5.3	(0.6)	16.5	(1.1)	27.5	(1.0)	27.4	(1.0)	17.4	(1.0)	4.7	(0.4)	0.4	(0.1)
	Denmark	0.2	(0.1)	2.4	(0.3)	10.2	(0.8)	25.2	(1.0)	34.4	(1.3)	22.4	(1.2)	4.8	(0.5)	0.3	(0.1)
	Estonia	0.1	(0.1)	2.2	(0.4)	9.9	(0.9)	25.1	(1.3)	34.1	(1.0)	22.2	(0.9)	5.8	(0.5)	0.7	(0.2)
	Finland	0.1	(0.1)	1.3	(0.2)	6.0	(0.4)	16.4	(0.6)	30.3	(0.8)	31.1	(0.8)	13.1	(0.8)	1.6	(0.3)
	France	1.8	(0.5)	4.7	(0.6)	10.3	(0.8)	20.3	(1.1)	28.2	(1.1)	24.1	(1.2)	9.3	(0.9)	1.2	(0.3)
	Germany	0.5	(0.2)	3.1	(0.4)	10.4	(0.7)	20.6	(1.0)	30.0	(1.1)	26.0	(1.1)	8.6	(0.7)	0.8	(0.2)
	Greece	1.0	(0.3)	4.8	(0.8)	13.3	(1.1)	25.3	(1.0)	30.3	(1.3)	19.3	(1.1)	5.4	(0.6)	0.7	(0.2)
	Hungary	0.4	(0.2)	4.7	(0.8)	12.2	(1.0)	23.7	(1.3)	31.2	(1.2)	21.7	(1.1)	5.8	(0.7)	0.3	(0.1)
	Iceland	0.8	(0.2)	3.8	(0.4)	11.0	(0.7)	21.9	(0.8)	31.3	(1.0)	22.4	(0.9)	7.7	(0.7)	1.0	(0.2)
	Ireland	1.3	(0.3)	3.0	(0.4)	10.4	(0.7)	23.0	(1.1)	31.9	(1.0)	23.0	(1.0)	6.7	(0.5)	0.7	(0.2)
	Israel	3.0	(0.5)	7.4	(0.7)	14.3	(0.7)	22.3	(1.1)	26.2	(1.2)	18.9	(0.8)	6.7	(0.6)	1.1	(0.2)
	Italy	1.1	(0.2)	4.6	(0.3)	13.5	(0.4)	23.9	(0.6)	29.6	(0.6)	21.1	(0.5)	5.6	(0.3)	0.5	(0.1)
	Japan	1.2	(0.4)	3.2	(0.5)	8.8	(0.7)	18.0	(0.8)	28.1	(0.9)	27.2	(1.0)	11.5	(0.7)	1.9	(0.4)
	Korea	0.1	(0.1)	0.8	(0.3)	4.6	(0.6)	15.3	(1.0)	33.0	(1.2)	33.1	(1.4)	12.0	(1.0)	1.1	(0.2)
	Luxembourg	1.2	(0.3)	4.2	(0.6)	12.0	(0.7)	23.8	(0.9)	30.5	(1.0)	21.6	(1.0)	6.3	(0.6)	0.4	(0.2)
	Mexico	2.4	(0.2)	10.5	(0.5)	25.3	(0.6)	33.8	(0.6)	22.1	(0.6)	5.5	(0.4)	0.4	(0.1)	0.0	(0.0)
	Netherlands	0.0	(0.0)	1.4	(0.3)	11.2	(1.4)	23.1	(1.5)	28.1	(1.3)	25.5	(1.7)	9.9	(1.1)	0.8	(0.3)
	New Zealand	0.8	(0.3)	2.5	(0.4)	9.2	(0.6)	18.7	(0.9)	26.8	(0.9)	25.9	(1.0)	13.1	(0.9)	2.9	(0.4)
	Norway	0.4	(0.1)	2.9	(0.4)	10.2	(0.6)	23.2	(0.8)	31.5	(0.9)	23.0	(1.2)	8.0	(0.9)	0.8	(0.2)
	Poland	0.5	(0.1)	2.9	(0.3)	10.9	(0.6)	24.5	(1.1)	31.3	(1.0)	22.6	(1.0)	6.6	(0.6)	0.7	(0.1)
	Portugal	0.5	(0.1)	3.8	(0.4)	12.4	(1.0)	25.9	(1.1)	32.2	(1.1)	20.2	(0.9)	4.8	(0.5)	0.2	(0.1)
	Slovak Republic	0.7	(0.3)	5.3	(0.6)	15.8	(0.8)	28.3	(1.0)	28.7	(1.1)	16.8	(0.8)	4.3	(0.5)	0.2	(0.1)
	Slovenia	0.6	(0.1)	4.5	(0.3)	14.4	(0.6)	25.3	(0.7)	29.8	(0.9)	20.5	(0.8)	4.7	(0.6)	0.3	(0.1)
	Spain	0.9	(0.2)	4.0	(0.3)	12.2	(0.6)	26.1	(0.9)	34.1	(1.0)	19.1	(0.8)	3.5	(0.3)	0.2	(0.1)
	Sweden	0.8	(0.2)	3.2	(0.4)	10.3	(0.7)	22.9	(1.0)	31.0	(1.0)	21.8	(0.9)	8.5	(0.6)	1.5	(0.3)
	Switzerland	0.3	(0.1)	2.6	(0.3)	9.7	(0.6)	21.3	(0.8)	31.5	(0.9)	25.3	(0.8)	8.4	(0.7)	0.8	(0.2)
	Turkey	0.7	(0.2)	5.3	(0.6)	17.8	(1.0)	32.2	(1.2)	29.5	(1.1)	12.6	(1.1)	1.9	(0.4)	0.0	(0.0)
	United Kingdom	0.6	(0.2)	3.5	(0.3)	12.6	(0.6)	24.8	(0.7)	29.3	(0.9)	20.6	(0.8)	7.5	(0.5)	1.0	(0.2)
	United States	0.4	(0.1)	3.5	(0.4)	12.1	(0.8)	23.4	(1.0)	27.9	(0.8)	22.2	(1.0)	8.9	(0.9)	1.6	(0.5)
OECD average	0.8	(0.0)	3.9	(0.1)	12.1	(0.1)	23.6	(0.2)	29.7	(0.2)	21.8	(0.2)	7.2	(0.1)	0.9	(0.0)	
Partners	Albania	10.1	(0.9)	18.5	(1.5)	27.0	(1.3)	26.2	(1.3)	14.8	(1.2)	3.2	(0.5)	0.2	(0.1)	0.0	(0.0)
	Argentina	10.1	(1.0)	15.5	(1.2)	24.9	(1.3)	25.9	(1.3)	16.3	(1.1)	6.3	(0.9)	0.9	(0.2)	0.1	(0.0)
	Azerbaijan	9.4	(1.1)	26.0	(1.2)	37.0	(1.3)	21.8	(1.2)	5.4	(0.8)	0.5	(0.2)	0.0	(0.0)	c	c
	Brazil	4.2	(0.3)	15.1	(0.6)	28.7	(0.9)	27.8	(0.8)	16.5	(0.9)	6.3	(0.6)	1.3	(0.2)	0.1	(0.1)
	Bulgaria	7.0	(1.0)	12.4	(1.3)	20.1	(1.4)	23.8	(1.1)	22.4	(1.4)	11.3	(1.2)	2.7	(0.5)	0.2	(0.1)
	Colombia	3.8	(0.7)	13.3	(1.0)	28.9	(1.2)	31.2	(1.1)	17.5	(1.0)	4.7	(0.5)	0.5	(0.2)	0.0	(0.0)
	Croatia	0.7	(0.2)	4.9	(0.5)	15.9	(1.0)	26.8	(1.1)	31.5	(1.3)	16.9	(1.1)	3.2	(0.4)	0.1	(0.1)
	Dubai (UAE)	8.2	(0.7)	17.9	(1.0)	28.3	(1.2)	27.7	(1.5)	14.3	(1.1)	3.2	(0.5)	0.3	(0.1)	0.0	(0.0)
	Hong Kong-China	0.3	(0.1)	1.3	(0.4)	6.5	(0.8)	15.6	(0.9)	30.2	(1.2)	33.5	(1.3)	11.4	(0.8)	1.2	(0.3)
	Indonesia	1.6	(0.4)	13.8	(1.3)	37.6	(1.7)	34.7	(1.4)	11.3	(1.4)	1.0	(0.3)	0.0	(0.0)	c	c
	Jordan	5.7	(0.6)	13.4	(0.8)	28.4	(1.0)	32.5	(1.0)	16.4	(1.0)	3.2	(0.4)	0.2	(0.1)	0.0	(0.0)
	Kazakhstan	7.4	(0.7)	20.3	(1.0)	31.2	(1.0)	24.4	(1.0)	12.8	(0.9)	3.5	(0.5)	0.3	(0.1)	0.0	(0.0)
	Kyrgyzstan	28.6	(1.3)	30.1	(1.0)	24.3	(1.0)	11.7	(0.9)	4.2	(0.6)	1.0	(0.3)	0.1	(0.1)	c	c
	Latvia	0.4	(0.2)	3.1	(0.6)	13.5	(1.0)	28.9	(1.4)	33.8	(1.2)	17.4	(1.0)	2.9	(0.5)	0.1	(0.1)
	Liechtenstein	0.0	c	2.5	(1.3)	10.0	(1.8)	22.0	(2.6)	31.5	(3.9)	28.0	(3.2)	5.4	(1.9)	0.6	(0.7)
	Lithuania	0.8	(0.2)	5.1	(0.6)	17.3	(0.9)	30.2	(1.1)	29.0	(1.0)	14.5	(0.9)	2.9	(0.4)	0.2	(0.1)
	Macao-China	0.4	(0.2)	3.2	(0.5)	13.4	(1.1)	31.4	(1.3)	32.7	(1.3)	16.2	(1.1)	2.7	(0.5)	0.0	(0.1)
	Montenegro	5.7	(0.6)	15.8	(0.8)	27.7	(0.8)	28.1	(0.8)	17.1	(0.9)	5.0	(0.5)	0.6	(0.2)	0.0	(0.0)
	Panama	9.8	(1.3)	21.2	(1.6)	30.7	(1.8)	22.8	(1.4)	11.3	(1.5)	3.6	(0.8)	0.6	(0.3)	0.0	(0.0)
	Peru	12.8	(0.9)	21.3	(1.0)	29.2	(1.1)	22.9	(0.9)	10.5	(0.9)	2.7	(0.5)	0.5	(0.2)	0.0	(0.0)
	Qatar	24.0	(0.6)	29.9	(0.8)	25.4	(0.8)	14.1	(0.6)	5.2	(0.4)	1.2	(0.2)	0.2	(0.1)	0.0	(0.0)
	Romania	3.8	(0.7)	12.5	(1.0)	23.8	(1.2)	31.8	(1.3)	21.2	(1.3)	6.2	(0.7)	0.7	(0.2)	0.0	(0.0)
	Russian Federation	1.2	(0.3)	6.1	(0.6)	18.3	(0.9)	31.7	(1.0)	27.8	(0.9)	11.7	(0.7)	3.0	(0.5)	0.4	(0.1)
	Serbia	1.8	(0.3)	8.7	(0.7)	22.3	(0.9)	33.5	(1.0)	25.2	(1.1)	7.7	(0.6)	0.7	(0.2)	0.0	(0.0)
	Shanghai-China	0.1	(0.0)	0.5	(0.1)	3.2	(0.5)	13.1	(0.9)	28.6	(1.2)	34.9	(1.0)	17.2	(1.0)	2.5	(0.4)
	Singapore	0.4	(0.1)	2.6	(0.3)	9.2	(0.5)	18.6	(0.7)	27.9	(0.9)	26.0	(0.8)	12.8	(0.6)	2.6	(0.4)
	Chinese Taipei	0.6	(0.2)	3.3	(0.3)	11.2	(0.6)	24.6	(0.8)	33.9	(1.1)	21.2	(1.0)	4.8	(0.8)	0.4	(0.2)
	Thailand	1.2	(0.3)	9.9	(0.8)	31.7	(1.1)	36.8	(1.1)	16.7	(0.8)	3.3	(0.5)	0.3	(0.2)	0.0	(0.0)
	Trinidad and Tobago	8.2	(0.5)	13.5	(0.6)	21.2	(0.8)	25.7	(1.0)	19.9	(0.9)	9.2	(0.5)	2.1	(0.3)	0.2	(0.1)
	Tunisia	5.4	(0.5)	15.0	(0.8)	29.6	(1.1)	31.6	(1.2)	15.1	(1.0)	3.1	(0.5)	0.2	(0.1)	0.0	(0.0)
Uruguay	5.1	(0.5)	12.3	(0.7)	24.0	(0.7)	28.2	(0.7)	20.5	(0.8)	8.2	(0.5)	1.7	(0.3)	0.1	(0.1)	



[Part 2/3]

Percentage of students at each proficiency level in reading, by immigrant statusTable II.4.2 *Results based on students' self-reports*

		Second-generation students – Proficiency levels															
		Below Level 1b (less than 262.04 score points)		Level 1b (from 262.04 to less than 334.75 score points)		Level 1a (from 334.75 to less than 407.47 score points)		Level 2 (from 407.47 to less than 480.18 score points)		Level 3 (from 480.18 to less than 552.89 score points)		Level 4 (from 552.89 to less than 625.61 score points)		Level 5 (from 625.61 to less than 698.32 score points)		Level 6 (above 698.32 score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	0.5	(0.2)	2.4	(0.7)	8.0	(0.9)	18.6	(1.5)	27.2	(2.1)	26.8	(2.2)	13.3	(2.0)	3.2	(1.2)
	Austria	2.1	(1.1)	14.6	(2.2)	26.4	(3.3)	27.4	(3.0)	20.2	(2.5)	8.3	(1.3)	0.9	(0.5)	0.0	c
	Belgium	3.1	(1.3)	9.1	(1.6)	20.3	(2.5)	26.9	(2.7)	23.0	(2.3)	13.7	(2.2)	3.6	(1.2)	0.3	(0.3)
	Canada	0.2	(0.2)	2.0	(0.5)	7.6	(1.1)	21.1	(1.5)	31.9	(1.9)	25.2	(1.6)	10.3	(1.1)	1.7	(0.5)
	Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	5.5	(4.2)	13.4	(6.7)	15.1	(6.4)	24.2	(5.7)	19.8	(7.5)	18.0	(7.9)	3.9	(3.3)	0.0	(0.1)
	Denmark	1.8	(0.6)	7.3	(1.1)	22.6	(2.2)	34.6	(2.4)	23.2	(2.5)	9.6	(1.9)	0.9	(0.4)	0.0	(0.1)
	Estonia	1.5	(1.2)	4.0	(1.7)	16.5	(2.8)	31.9	(3.8)	31.5	(3.6)	12.8	(2.3)	1.6	(1.3)	0.2	(0.8)
	Finland	0.0	c	3.6	(5.1)	13.9	(6.8)	30.1	(9.5)	26.7	(9.2)	17.9	(7.2)	7.0	(4.2)	0.7	(1.6)
	France	3.5	(1.0)	10.6	(2.1)	21.0	(2.9)	25.3	(2.8)	22.4	(2.9)	13.3	(2.5)	3.3	(1.3)	0.5	(0.4)
	Germany	2.3	(0.8)	7.6	(1.6)	19.9	(2.0)	28.9	(2.8)	24.8	(2.3)	13.9	(2.0)	2.5	(0.9)	0.2	(0.3)
	Greece	2.5	(1.7)	9.2	(3.5)	19.5	(4.7)	29.7	(5.5)	21.2	(6.1)	13.9	(3.2)	3.7	(1.9)	0.3	(0.6)
	Hungary	0.0	c	0.7	(1.5)	6.7	(5.4)	19.1	(8.8)	37.2	(9.0)	25.2	(7.2)	11.3	(4.7)	0.0	c
	Iceland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Ireland	0.0	c	2.1	(2.7)	9.3	(6.9)	26.2	(8.3)	34.2	(7.7)	17.7	(8.5)	9.5	(5.7)	1.0	(1.6)
	Israel	1.4	(0.8)	5.3	(1.3)	14.5	(1.7)	26.2	(2.3)	25.8	(1.9)	18.2	(2.4)	7.4	(1.6)	1.1	(0.5)
	Italy	5.3	(2.6)	9.7	(2.8)	19.1	(3.4)	26.1	(3.7)	25.9	(3.9)	11.5	(2.7)	2.3	(1.5)	0.1	(0.3)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	4.6	(0.8)	11.1	(1.3)	21.6	(1.6)	26.6	(1.6)	23.9	(1.3)	10.0	(1.2)	2.1	(0.4)	0.2	(0.1)
	Mexico	15.5	(4.9)	31.8	(6.2)	29.7	(6.7)	19.4	(5.5)	3.3	(2.2)	0.4	(0.4)	0.0	(0.0)	0.0	c
	Netherlands	0.1	(0.2)	2.9	(0.9)	17.1	(3.3)	38.9	(3.7)	26.6	(3.3)	11.3	(2.4)	2.9	(1.2)	0.2	(0.3)
	New Zealand	0.7	(0.8)	5.5	(2.1)	15.3	(2.2)	22.7	(3.3)	22.4	(2.7)	21.2	(2.8)	10.4	(2.3)	1.7	(0.9)
	Norway	1.3	(1.5)	7.2	(2.7)	17.3	(4.0)	33.3	(6.0)	23.7	(3.9)	12.7	(2.9)	4.3	(1.8)	0.3	(0.5)
	Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	0.5	(0.8)	4.2	(1.9)	13.3	(4.0)	39.3	(5.0)	25.5	(4.8)	13.1	(3.5)	3.7	(2.8)	0.5	(0.9)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	1.3	(0.6)	9.3	(2.0)	22.2	(3.0)	31.0	(4.3)	26.0	(3.5)	8.5	(2.0)	1.3	(1.2)	0.4	(0.6)
	Spain	1.7	(1.5)	5.0	(2.1)	18.9	(5.3)	34.4	(8.6)	24.9	(6.5)	12.8	(3.9)	2.1	(1.4)	0.1	(0.2)
	Sweden	3.2	(1.2)	9.1	(2.4)	18.1	(2.1)	28.7	(3.0)	25.2	(2.9)	12.6	(3.1)	3.0	(1.2)	0.1	(0.2)
	Switzerland	1.2	(0.5)	6.7	(1.2)	18.4	(1.8)	26.9	(1.8)	26.3	(2.0)	15.9	(1.9)	4.3	(0.9)	0.2	(0.2)
Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
United Kingdom	0.7	(0.7)	5.2	(1.6)	13.8	(3.0)	22.0	(3.2)	31.4	(3.2)	20.7	(3.5)	5.3	(1.9)	0.8	(0.7)	
United States	0.6	(0.4)	3.7	(0.9)	15.2	(1.9)	31.8	(2.2)	26.7	(2.2)	15.0	(2.1)	5.8	(1.5)	1.3	(0.7)	
OECD average	2.3	(0.3)	7.5	(0.5)	17.1	(0.7)	27.8	(0.9)	25.2	(0.9)	14.8	(0.7)	4.7	(0.4)	0.6	(0.1)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Argentina	13.7	(4.9)	22.0	(6.8)	31.1	(6.8)	18.6	(4.8)	13.6	(5.1)	0.9	(1.3)	0.2	(0.6)	c	c
	Azerbaijan	9.4	(4.0)	25.3	(5.2)	40.7	(6.1)	19.5	(5.8)	5.0	(3.8)	c	c	c	c	c	c
	Brazil	21.0	(12.6)	44.8	(12.5)	22.2	(8.9)	5.8	(5.0)	6.0	(5.7)	0.2	(0.3)	0.1	(0.2)	c	c
	Bulgaria	c	c	c	c	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	c	c	c	c
	Croatia	1.6	(0.8)	5.0	(1.7)	18.2	(3.1)	33.0	(3.1)	25.7	(3.0)	14.5	(2.3)	2.0	(1.0)	0.0	(0.2)
	Dubai (UAE)	2.0	(0.5)	7.2	(1.1)	17.1	(1.4)	27.4	(1.8)	26.4	(1.5)	15.4	(1.4)	4.1	(0.8)	0.2	(0.2)
	Hong Kong-China	0.1	(0.1)	1.1	(0.3)	4.9	(0.8)	14.0	(1.4)	32.0	(1.7)	33.1	(1.7)	13.3	(1.3)	1.5	(0.5)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Jordan	4.9	(1.6)	10.9	(2.0)	25.8	(2.5)	32.0	(2.5)	20.8	(2.4)	5.3	(1.6)	0.3	(0.3)	0.0	c
	Kazakhstan	4.6	(1.9)	17.4	(3.3)	27.1	(3.6)	22.7	(2.9)	20.1	(3.3)	7.3	(2.8)	0.8	(0.9)	c	c
	Kyrgyzstan	25.9	(6.6)	16.5	(7.0)	17.8	(8.7)	19.7	(6.1)	15.8	(6.2)	4.0	(3.4)	0.3	(1.0)	0.0	c
	Latvia	0.2	(0.5)	4.6	(2.6)	19.2	(5.7)	27.8	(4.8)	30.7	(4.6)	14.0	(3.5)	3.4	(1.2)	c	c
	Liechtenstein	c	c	2.9	(3.2)	14.7	(7.6)	29.2	(8.1)	31.7	(7.4)	20.0	(7.2)	1.5	(3.0)	0.0	c
	Lithuania	0.8	(1.9)	8.6	(4.7)	23.4	(7.5)	28.5	(5.0)	29.0	(6.0)	8.8	(3.7)	0.9	(1.4)	0.0	c
	Macao-China	0.2	(0.1)	2.4	(0.4)	11.1	(0.6)	30.1	(0.8)	36.3	(0.9)	17.2	(0.7)	2.8	(0.3)	0.1	(0.1)
	Montenegro	2.9	(2.1)	11.2	(3.6)	26.2	(5.5)	29.5	(5.8)	20.2	(5.9)	9.5	(3.5)	0.5	(1.2)	c	c
	Panama	12.0	(7.9)	24.2	(12.1)	16.4	(6.4)	20.0	(8.4)	16.3	(6.4)	10.6	(4.7)	0.6	(1.1)	c	c
	Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	11.1	(0.8)	18.4	(1.4)	26.3	(1.3)	23.8	(1.0)	13.7	(0.9)	5.5	(0.6)	0.9	(0.3)	0.1	(0.1)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	3.2	(1.9)	9.7	(2.2)	23.5	(3.3)	33.2	(3.7)	21.2	(2.6)	7.8	(1.6)	1.3	(0.9)	c	c
	Serbia	0.8	(0.9)	5.9	(1.7)	18.7	(3.6)	29.4	(4.5)	30.7	(4.7)	12.2	(2.7)	2.4	(1.7)	c	c
	Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
	Singapore	0.2	(0.4)	2.0	(1.3)	7.4	(1.7)	15.7	(2.9)	27.3	(3.8)	24.7	(5.5)	18.7	(3.8)	4.1	(1.6)
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Trinidad and Tobago	10.6	(7.3)	19.7	(8.8)	16.6	(7.5)	19.9	(8.1)	17.1	(8.9)	9.5	(5.9)	5.7	(4.3)	0.9	(2.0)	
Tunisia	c	c	c	c	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	c	c	c	c	

StatLink  <http://dx.doi.org/10.1787/888932343285>

[Part 3/3]

Percentage of students at each proficiency level in reading, by immigrant status

Table II.4.2 Results based on students' self-reports


	First-generation students – Proficiency levels															
	Below Level 1b (less than 262.04 score points)		Level 1b (from 262.04 to less than 334.75 score points)		Level 1a (from 334.75 to less than 407.47 score points)		Level 2 (from 407.47 to less than 480.18 score points)		Level 3 (from 480.18 to less than 552.89 score points)		Level 4 (from 552.89 to less than 625.61 score points)		Level 5 (from 625.61 to less than 698.32 score points)		Level 6 (above 698.32 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	1.2	(0.4)	3.2	(0.6)	10.7	(1.3)	19.7	(1.6)	26.9	(1.9)	23.5	(2.3)	11.6	(1.8)	3.3	(1.2)
Austria	9.5	(2.5)	23.6	(5.3)	31.0	(5.5)	18.4	(4.8)	11.1	(2.6)	5.4	(2.2)	1.0	(0.7)	0.1	(0.3)
Belgium	2.7	(1.1)	11.1	(2.7)	22.4	(2.3)	27.0	(3.0)	20.1	(2.3)	11.8	(2.2)	4.3	(1.1)	0.6	(0.4)
Canada	0.6	(0.3)	3.0	(0.8)	9.8	(1.3)	21.0	(1.9)	25.5	(2.2)	25.3	(1.7)	12.4	(1.6)	2.3	(0.8)
Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	1.1	(2.5)	7.4	(5.8)	20.9	(7.7)	23.7	(8.1)	20.1	(6.6)	19.7	(7.8)	6.9	(4.5)	0.3	(0.8)
Denmark	2.3	(1.3)	13.2	(2.6)	27.3	(3.6)	32.5	(4.4)	18.5	(3.1)	5.4	(1.7)	0.6	(0.8)	0.1	(0.3)
Estonia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Finland	5.4	(3.4)	10.3	(5.8)	23.1	(6.0)	20.7	(5.6)	20.7	(7.6)	13.3	(6.7)	5.7	(3.9)	0.8	(1.7)
France	8.9	(3.4)	13.7	(4.8)	19.6	(4.3)	25.5	(5.3)	18.7	(4.3)	8.5	(3.2)	4.2	(2.1)	0.9	(1.0)
Germany	1.8	(1.0)	8.0	(2.0)	24.8	(2.7)	28.1	(3.1)	23.8	(3.1)	11.1	(2.7)	2.3	(1.5)	0.2	(0.3)
Greece	5.8	(3.7)	11.6	(3.7)	25.7	(4.1)	30.1	(5.2)	19.7	(3.5)	6.7	(2.6)	0.5	(0.4)	c	c
Hungary	0.0	c	0.4	(1.4)	15.0	(5.3)	27.8	(9.4)	31.9	(11.5)	22.6	(6.9)	2.3	(2.7)	c	c
Iceland	7.7	(4.4)	12.3	(4.9)	24.1	(6.8)	32.4	(7.2)	15.6	(4.6)	5.3	(3.5)	2.2	(2.8)	0.4	(1.3)
Ireland	1.6	(1.1)	8.5	(2.3)	20.7	(3.2)	24.5	(3.6)	22.9	(3.1)	17.4	(3.0)	3.8	(1.3)	0.7	(0.6)
Israel	4.1	(1.4)	9.0	(1.9)	17.0	(2.4)	23.0	(2.4)	24.9	(2.7)	17.0	(2.7)	4.3	(1.3)	0.6	(0.6)
Italy	5.2	(1.2)	15.8	(2.7)	29.5	(3.8)	26.5	(2.1)	16.2	(1.6)	6.0	(1.3)	0.8	(0.5)	0.0	(0.1)
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	6.3	(1.2)	12.5	(1.5)	19.3	(1.8)	20.7	(1.8)	20.2	(1.6)	13.6	(1.3)	6.3	(0.9)	1.1	(0.6)
Mexico	19.8	(4.6)	36.8	(4.8)	29.1	(5.1)	9.6	(2.7)	2.8	(1.5)	1.9	(1.7)			c	c
Netherlands	0.0	c	5.0	(3.0)	23.6	(6.4)	27.4	(8.0)	24.5	(5.2)	13.8	(4.4)	5.6	(3.9)	0.1	(0.3)
New Zealand	0.9	(0.4)	3.5	(0.8)	10.9	(1.4)	20.4	(1.7)	23.9	(2.1)	22.7	(1.8)	14.3	(1.7)	3.4	(0.9)
Norway	1.5	(1.3)	9.0	(2.9)	25.4	(4.7)	27.3	(5.2)	24.5	(4.0)	9.7	(3.3)	2.4	(1.8)	0.4	(0.7)
Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	0.2	(0.4)	4.7	(2.3)	26.7	(4.7)	27.9	(5.2)	27.0	(5.2)	11.9	(3.3)	1.6	(1.0)	0.0	c
Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	3.8	(2.1)	14.7	(4.1)	26.5	(6.7)	32.1	(8.0)	18.6	(6.8)	4.4	(2.4)	c	c	c	c
Spain	2.9	(1.1)	11.7	(1.8)	25.5	(2.4)	33.0	(2.2)	20.5	(2.4)	5.4	(1.0)	0.8	(0.5)	0.2	(0.2)
Sweden	7.8	(2.3)	13.9	(3.3)	26.0	(4.3)	25.3	(3.9)	16.5	(4.2)	7.8	(3.7)	2.4	(1.6)	0.4	(0.6)
Switzerland	2.4	(0.8)	11.1	(1.7)	20.4	(2.0)	25.7	(2.1)	21.7	(2.6)	14.0	(2.8)	4.1	(1.4)	0.7	(0.7)
Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	2.4	(1.2)	8.2	(2.5)	18.1	(4.4)	30.1	(3.8)	25.5	(3.4)	11.2	(2.9)	3.6	(1.6)	0.9	(0.9)
United States	1.2	(0.6)	6.0	(1.5)	16.0	(2.8)	24.1	(3.5)	27.0	(4.0)	16.2	(2.8)	8.4	(2.1)	1.1	(0.9)
OECD average	4.0	(0.4)	10.7	(0.6)	21.8	(0.8)	25.3	(0.9)	21.1	(0.9)	12.3	(0.7)	4.5	(0.4)	0.8	(0.2)
Partners																
Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	19.9	(10.0)	18.7	(6.7)	26.8	(7.4)	20.3	(6.0)	11.6	(5.3)	2.3	(3.2)	0.4	(1.4)	c	c
Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Brazil	24.7	(10.5)	41.2	(14.3)	25.5	(12.9)	6.2	(8.8)	1.7	(2.8)	0.6	(1.8)	c	c	c	c
Bulgaria	c	c	c	c	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	c	c	c	c
Croatia	1.7	(1.5)	7.0	(2.3)	22.8	(4.2)	32.7	(4.8)	20.9	(3.4)	12.3	(2.5)	2.7	(1.7)	c	c
Dubai (UAE)	1.1	(0.2)	4.0	(0.4)	11.1	(0.7)	22.9	(1.2)	28.6	(1.3)	22.7	(1.2)	8.5	(0.9)	1.0	(0.4)
Hong Kong-China	0.2	(0.2)	2.3	(0.7)	9.2	(1.6)	21.1	(1.8)	35.2	(2.0)	24.1	(1.9)	7.3	(1.1)	0.7	(0.4)
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	7.1	(2.8)	12.6	(3.3)	24.7	(4.5)	33.8	(4.8)	15.2	(3.2)	6.1	(1.5)	0.6	(0.9)	0.0	c
Kazakhstan	12.5	(3.0)	26.5	(3.8)	29.7	(3.3)	21.0	(4.2)	7.1	(1.9)	2.9	(1.3)	0.4	(0.7)	c	c
Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Latvia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Liechtenstein	0.0	c	3.3	(3.1)	21.2	(6.4)	28.3	(10.7)	28.5	(9.2)	16.6	(5.2)	2.0	(2.5)	c	c
Lithuania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Macao-China	0.1	(0.1)	1.8	(0.6)	11.4	(1.1)	31.0	(1.7)	34.4	(2.0)	17.8	(1.5)	3.3	(0.8)	0.1	(0.2)
Montenegro	5.8	(3.7)	15.3	(4.6)	29.8	(4.3)	29.9	(4.8)	14.4	(4.2)	3.8	(2.1)	0.9	(0.7)	c	c
Panama	42.0	(11.2)	16.0	(5.9)	16.0	(6.1)	8.7	(4.8)	9.6	(4.8)	6.0	(3.0)	1.3	(2.1)	0.4	(1.4)
Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	4.4	(0.5)	9.7	(0.7)	18.2	(0.9)	24.9	(1.0)	22.6	(1.3)	14.6	(0.8)	4.8	(0.7)	0.7	(0.3)
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	2.0	(1.0)	10.7	(2.3)	21.1	(4.2)	32.8	(5.1)	22.4	(3.7)	9.0	(2.2)	1.9	(1.0)	0.2	(0.3)
Serbia	0.5	(0.7)	8.0	(2.6)	21.2	(4.6)	35.7	(3.3)	25.9	(3.7)	8.2	(2.4)	0.3	(0.8)	0.0	c
Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	0.4	(0.3)	2.9	(0.8)	10.2	(1.6)	19.6	(2.4)	26.7	(2.9)	25.1	(2.7)	12.8	(2.3)	2.3	(1.1)
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Trinidad and Tobago	12.8	(6.3)	16.3	(7.8)	12.8	(6.2)	16.8	(5.4)	14.5	(4.7)	19.9	(6.2)	6.4	(2.6)	0.5	(0.8)
Tunisia	c	c	c	c	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	c	c	c	c



[Part 1/2]

Percentage of first-generation students and reading performance, by age of arrival in the host countryTable II.4.3 *Results based on students' self-reports*

	First-generation students who arrived to the country when they were 5 years of age or younger						First-generation students who arrived to the country when they were between 6 years of age and 12 years of age						First-generation students who arrived to the country when they were older than 12 years of age					
	Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)		Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)		Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)	
OECD	35.7	(1.7)	532	(8.1)	0.45	(0.04)	39.4	(1.8)	521	(8.2)	0.46	(0.04)	24.9	(1.3)	504	(5.6)	0.39	(0.05)
Australia	31.8	(3.2)	429	(14.3)	-0.24	(0.13)	54.3	(3.8)	392	(10.9)	-0.66	(0.16)	13.9	(3.1)	386	(29.8)	-0.32	(0.33)
Austria	40.4	(2.8)	496	(7.3)	0.11	(0.09)	43.2	(2.3)	449	(9.3)	-0.10	(0.08)	16.4	(2.9)	408	(20.8)	-0.33	(0.19)
Belgium	43.4	(2.0)	518	(6.1)	0.56	(0.05)	39.0	(1.7)	529	(6.0)	0.66	(0.05)	17.6	(1.4)	480	(7.8)	0.43	(0.08)
Canada	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Chile	51.4	(6.5)	505	(18.6)	-0.01	(0.10)	33.9	(6.4)	c	c	c	c	14.7	(5.1)	c	c	c	c
Czech Republic	60.9	(2.8)	479	(8.1)	0.26	(0.07)	33.2	(2.6)	422	(8.5)	-0.29	(0.09)	5.9	(1.9)	c	c	c	c
Denmark	73.2	(7.2)	488	(12.6)	0.31	(0.13)	24.5	(6.5)	c	c	c	c	2.4	(1.5)	c	c	c	c
Estonia	61.4	(5.1)	506	(14.4)	0.17	(0.11)	31.8	(4.2)	476	(17.4)	0.11	(0.22)	6.7	(2.1)	c	c	c	c
Finland	55.4	(4.7)	487	(12.9)	-0.18	(0.12)	35.0	(4.3)	416	(19.5)	-0.69	(0.14)	9.6	(2.5)	c	c	c	c
France	60.3	(2.3)	477	(7.3)	-0.13	(0.08)	35.4	(2.5)	435	(9.5)	-0.16	(0.10)	4.2	(1.1)	c	c	c	c
Germany	69.2	(4.7)	460	(8.3)	-0.48	(0.06)	25.4	(3.7)	423	(20.5)	-0.72	(0.15)	5.3	(2.3)	c	c	c	c
Greece	40.9	(5.8)	510	(17.3)	0.01	(0.25)	39.3	(6.4)	523	(14.6)	0.11	(0.17)	19.9	(5.0)	c	c	c	c
Hungary	60.8	(3.3)	510	(9.4)	1.07	(0.09)	34.8	(3.2)	474	(11.5)	0.45	(0.12)	4.4	(1.1)	c	c	c	c
Iceland	45.0	(2.7)	507	(7.9)	0.26	(0.07)	44.4	(2.6)	486	(7.6)	0.10	(0.05)	10.5	(1.6)	453	(13.3)	0.18	(0.20)
Ireland	55.4	(2.6)	497	(7.4)	-0.07	(0.07)	38.8	(2.5)	444	(12.8)	-0.54	(0.10)	5.9	(1.6)	c	c	c	c
Israel	34.2	(2.2)	456	(6.5)	-0.28	(0.07)	49.7	(2.0)	428	(5.1)	-0.67	(0.07)	16.1	(1.9)	374	(7.9)	-0.62	(0.08)
Italy	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	51.3	(1.6)	460	(5.6)	0.01	(0.06)	35.8	(1.6)	455	(7.5)	-0.10	(0.08)	12.9	(1.1)	450	(12.7)	-0.04	(0.11)
Luxembourg	74.8	(2.7)	388	(5.8)	-1.24	(0.08)	18.9	(2.3)	357	(22.0)	-0.85	(0.26)	6.3	(1.2)	364	(38.5)	-0.81	(0.38)
Mexico	59.2	(5.3)	493	(11.3)	0.00	(0.13)	37.5	(5.3)	461	(14.7)	-0.23	(0.18)	3.3	(1.8)	c	c	c	c
Netherlands	33.2	(1.9)	545	(7.2)	0.31	(0.05)	44.4	(1.9)	531	(5.4)	0.27	(0.04)	22.5	(1.7)	491	(8.0)	0.11	(0.05)
New Zealand	53.9	(3.4)	489	(9.0)	0.34	(0.10)	40.3	(3.0)	445	(9.7)	-0.02	(0.10)	5.8	(1.6)	c	c	c	c
Norway	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Poland	45.3	(2.8)	483	(7.1)	-0.45	(0.08)	44.3	(2.7)	472	(7.6)	-0.44	(0.07)	10.4	(1.5)	439	(12.9)	-0.87	(0.18)
Portugal	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovak Republic	55.8	(5.5)	445	(13.0)	-0.30	(0.14)	24.2	(4.2)	434	(15.2)	-0.47	(0.17)	20.0	(3.7)	376	(15.8)	-0.93	(0.13)
Slovenia	16.3	(1.0)	458	(6.1)	-0.60	(0.09)	59.8	(1.6)	439	(4.6)	-0.70	(0.05)	23.9	(1.4)	406	(7.4)	-0.73	(0.07)
Spain	48.5	(3.5)	480	(10.5)	0.18	(0.12)	37.9	(3.1)	431	(15.2)	-0.17	(0.15)	13.7	(2.4)	384	(29.0)	-0.63	(0.32)
Sweden	51.5	(2.8)	469	(6.6)	-0.20	(0.07)	36.5	(1.9)	453	(10.1)	-0.15	(0.10)	12.0	(2.1)	471	(19.6)	0.26	(0.19)
Switzerland	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Turkey	31.1	(2.5)	500	(12.6)	0.28	(0.10)	49.3	(3.2)	478	(8.7)	-0.06	(0.10)	19.5	(3.1)	438	(13.9)	-0.06	(0.18)
United Kingdom	45.3	(2.6)	503	(8.2)	-0.13	(0.12)	44.2	(2.8)	484	(9.1)	-0.45	(0.12)	10.5	(1.6)	473	(19.8)	-0.02	(0.25)
United States	49.5	(0.7)	485	(1.9)	0.00	(0.02)	38.4	(0.7)	456	(2.4)	-0.20	(0.02)	12.1	(0.4)	431	(4.7)	-0.25	(0.05)
OECD average	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Partners	60.8	(7.7)	408	(19.7)	-0.49	(0.20)	28.6	(6.3)	c	c	c	c	10.6	(4.2)	c	c	c	c
Albania	36.2	(5.6)	c	c	c	c	48.5	(6.5)	391	(9.6)	-0.15	(0.17)	15.3	(4.2)	c	c	c	c
Argentina	61.9	(10.2)	350	(25.5)	-1.17	(0.32)	30.9	(8.5)	c	c	c	c	7.2	(5.6)	c	c	c	c
Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Brazil	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Bulgaria	72.0	(2.6)	465	(6.3)	-0.47	(0.07)	17.5	(2.1)	461	(10.9)	-0.17	(0.12)	10.5	(2.2)	453	(18.1)	-0.39	(0.15)
Bulgaria	42.7	(1.2)	508	(3.6)	0.63	(0.02)	37.8	(1.2)	512	(3.3)	0.68	(0.02)	19.5	(0.9)	513	(5.6)	0.71	(0.03)
Croatia	45.5	(2.2)	535	(5.3)	-0.83	(0.07)	39.7	(1.7)	506	(5.7)	-1.38	(0.05)	14.8	(2.0)	487	(6.2)	-1.44	(0.07)
Dubai (UAE)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Hong Kong-China	58.0	(3.4)	428	(8.1)	-0.13	(0.09)	30.4	(3.4)	410	(13.9)	0.13	(0.14)	11.6	(1.9)	430	(20.5)	0.21	(0.15)
Indonesia	26.1	(3.4)	394	(15.1)	-0.40	(0.13)	50.1	(3.4)	377	(8.3)	-0.67	(0.09)	23.8	(3.6)	354	(14.0)	-1.03	(0.14)
Jordan	75.4	(4.8)	351	(17.1)	-0.41	(0.15)	17.7	(4.0)	c	c	c	c	6.8	(2.8)	c	c	c	c
Kazakhstan	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Kyrgyzstan	72.4	(8.2)	c	c	c	c	27.6	(8.2)	c	c	c	c	c	c	c	c	c	c
Latvia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Lithuania	30.6	(1.4)	490	(5.1)	-0.59	(0.06)	56.0	(1.3)	490	(2.9)	-0.88	(0.04)	13.5	(1.0)	498	(6.5)	-0.61	(0.08)
Macao-China	64.5	(2.8)	420	(7.9)	-0.16	(0.08)	28.2	(2.6)	422	(11.8)	-0.16	(0.10)	7.2	(1.3)	c	c	c	c
Montenegro	46.0	(6.2)	432	(25.5)	0.07	(0.27)	32.4	(4.8)	321	(46.2)	-0.54	(0.33)	21.6	(4.7)	c	c	c	c
Panama	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Peru	43.0	(1.0)	440	(3.5)	0.60	(0.02)	38.0	(1.0)	466	(3.9)	0.73	(0.02)	19.0	(0.8)	486	(5.1)	0.79	(0.03)
Qatar	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Romania	67.9	(3.3)	455	(7.0)	-0.18	(0.06)	28.5	(3.4)	455	(10.7)	-0.38	(0.11)	3.6	(1.0)	c	c	c	c
Russian Federation	78.0	(3.4)	448	(7.6)	-0.07	(0.11)	16.4	(2.9)	439	(18.5)	-0.15	(0.14)	5.5	(1.8)	c	c	c	c
Serbia	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Shanghai-China	42.9	(1.9)	535	(7.4)	-0.32	(0.05)	29.5	(1.6)	515	(6.6)	-0.23	(0.05)	27.7	(1.8)	513	(8.7)	-0.09	(0.05)
Singapore	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	64.7	(4.3)	471	(12.2)	0.31	(0.09)	24.7	(3.7)	490	(19.2)	0.09	(0.18)	10.6	(2.5)	474	(23.8)	-0.03	(0.16)
Trinidad and Tobago	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Tunisia	c	c	c	c	c	c	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	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 2/2]

Percentage of first-generation students and reading performance, by age of arrival in the host country

Table II.4.3 Results based on students' self-reports

		Difference in reading performance between first-generation students who arrived at:											
		Age 5 or younger and those who arrived at an age between 6 and 12 years		Age 5 years or younger and those who arrived at an age older than 12 years		An age between 6 and 12 and those who arrived at an age older than 12 years		Age 5 or younger and those who arrived at an age between 6 and 12 years, after accounting for ESCS		Age 5 years or younger and those who arrived at an age older than 12 years, after accounting for ESCS		An age between 6 and 12 and those who arrived at an age older than 12 years, after accounting for ESCS	
		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	11	(9.2)	28	(8.7)	17	(8.2)	9	(7.8)	24	(7.2)	15	(6.8)
	Austria	38	(16.8)	44	(28.9)	6	(28.9)	19	(15.0)	39	(21.7)	20	(19.4)
	Belgium	47	(11.1)	88	(21.9)	41	(19.6)	36	(9.8)	66	(14.6)	32	(12.3)
	Canada	-11	(7.5)	37	(9.6)	49	(9.5)	-1	(7.3)	40	(9.7)	42	(9.5)
	Chile	c	c	c	c	c	c	c	c	c	c	c	c
	Czech Republic	c	c	c	c	c	c	c	c	c	c	c	c
	Denmark	57	(12.3)	c	c	c	c	35	(11.7)	c	c	c	c
	Estonia	c	c	c	c	c	c	c	c	c	c	c	c
	Finland	30	(20.7)	c	c	c	c	29	(20.4)	c	c	c	c
	France	71	(20.7)	c	c	c	c	37	(19.2)	c	c	c	c
	Germany	42	(11.3)	c	c	c	c	42	(11.6)	c	c	c	c
	Greece	36	(18.7)	c	c	c	c	30	(18.7)	c	c	c	c
	Hungary	-12	(23.9)	c	c	c	c	-8	(20.2)	c	c	c	c
	Iceland	37	(14.9)	c	c	c	c	10	(14.4)	c	c	c	c
	Ireland	21	(10.0)	54	(13.7)	33	(15.7)	14	(8.6)	50	(16.4)	36	(16.4)
	Israel	53	(13.9)	c	c	c	c	38	(11.9)	c	c	c	c
	Italy	28	(8.0)	81	(11.0)	53	(9.7)	15	(7.2)	68	(12.2)	54	(10.2)
	Japan	c	c	c	c	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c	c	c	c	c
	Luxembourg	6	(9.2)	11	(14.1)	5	(15.9)	-1	(8.1)	8	(12.1)	10	(13.0)
	Mexico	31	(22.7)	24	(37.4)	-7	(40.3)	41	(20.5)	37	(28.7)	-4	(36.2)
	Netherlands	32	(19.0)	c	c	c	c	27	(17.5)	c	c	c	c
	New Zealand	15	(8.4)	54	(10.5)	40	(9.8)	11	(6.8)	44	(9.7)	33	(9.2)
	Norway	44	(13.8)	c	c	c	c	31	(12.1)	c	c	c	c
	Poland	c	c	c	c	c	c	c	c	c	c	c	c
	Portugal	11	(8.7)	44	(14.4)	33	(12.8)	11	(8.1)	34	(13.5)	24	(13.0)
	Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c
	Slovenia	11	(19.2)	70	(21.1)	59	(21.0)	1	(19.0)	47	(21.7)	52	(21.2)
	Spain	19	(6.6)	52	(9.0)	33	(8.4)	19	(6.4)	49	(8.4)	31	(7.7)
	Sweden	49	(16.4)	96	(29.7)	47	(28.1)	26	(14.5)	60	(29.1)	32	(27.9)
	Switzerland	16	(11.8)	-2	(20.3)	-17	(17.1)	18	(8.6)	18	(14.0)	3	(11.7)
	Turkey	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	24	(13.7)	63	(14.9)	39	(15.0)	14	(13.0)	49	(12.2)	37	(15.3)	
United States	19	(9.9)	30	(18.9)	11	(19.9)	6	(9.3)	30	(14.2)	28	(14.8)	
OECD average	28	(2.9)	48	(4.9)	28	(4.9)	20	(2.6)	42	(4.2)	28	(4.3)	
Partners	Albania	c	c	c	c	c	c	c	c	c	c	c	c
	Argentina	c	c	c	c	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c	c	c	c	c
	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	4	(12.3)	12	(19.6)	8	(17.9)	14	(11.9)	14	(18.8)	0	(16.2)
	Dubai (UAE)	-4	(4.8)	-5	(7.0)	-1	(6.4)	-1	(4.4)	-1	(6.3)	0	(5.8)
	Hong Kong-China	29	(6.3)	48	(7.0)	19	(6.7)	22	(6.4)	41	(7.7)	18	(6.8)
	Indonesia	c	c	c	c	c	c	c	c	c	c	c	c
	Jordan	19	(15.7)	-2	(21.7)	-21	(21.3)	25	(15.5)	7	(20.6)	-19	(21.7)
	Kazakhstan	17	(16.8)	40	(21.3)	23	(14.0)	6	(14.2)	9	(17.3)	12	(12.8)
	Kyrgyzstan	c	c	c	c	c	c	c	c	c	c	c	c
	Latvia	c	c	c	c	c	c	c	c	c	c	c	c
	Liechtenstein	c	c	c	c	c	c	c	c	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c	c	c	c	c
	Macao-China	0	(6.1)	-8	(8.6)	-7	(6.8)	-5	(6.0)	-8	(8.2)	-2	(6.8)
	Montenegro	-2	(14.0)	c	c	c	c	-2	(12.6)	c	c	c	c
	Panama	111	(45.0)	c	c	c	c	64	(30.0)	c	c	c	c
	Peru	c	c	c	c	c	c	c	c	c	c	c	c
	Qatar	-26	(5.6)	-46	(6.3)	-20	(6.2)	-20	(5.5)	-38	(6.0)	-17	(5.9)
	Romania	c	c	c	c	c	c	c	c	c	c	c	c
	Russian Federation	-1	(12.3)	c	c	c	c	-8	(11.8)	c	c	c	c
	Serbia	10	(20.7)	c	c	c	c	4	(19.0)	c	c	c	c
	Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c
	Singapore	20	(10.9)	22	(10.7)	2	(11.0)	26	(10.3)	33	(10.6)	7	(10.8)
	Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	c	c	c	c	c	c	c	c	c	c	c	c	
Trinidad and Tobago	-19	(22.2)	-3	(27.9)	16	(31.6)	-26	(20.9)	-15	(25.0)	9	(27.7)	
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: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 1/5]

Percentage of students and reading performance, by immigrant status and language spoken at home

Table II.4.4 Results based on students' self-reports

	Native students speaking the language of assessment at home				Native students speaking another language at home				Second-generation students speaking the language of assessment at home			
	Percentage of students	Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)	Percentage of students	Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)	Percentage of students	Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)
		S.E.	Mean score			S.E.	Mean index			S.E.	Mean score	
OECD	Australia	76.3 (1.1)	516 (2.0)	0.35 (0.01)	0.8 (0.1)	461 (12.2)	0.12 (0.07)	36.3 (1.2)	534 (6.0)	0.37 (0.0)		
	Austria	86.2 (1.1)	485 (3.0)	0.18 (0.02)	1.3 (0.2)	431 (19.1)	-0.05 (0.15)	18.3 (1.8)	441 (11.6)	-0.32 (0.1)		
	Belgium	71.8 (1.4)	524 (2.4)	0.34 (0.02)	14.4 (0.7)	505 (5.2)	0.06 (0.03)	24.2 (1.8)	480 (8.3)	-0.04 (0.1)		
	Canada	73.7 (1.3)	530 (1.5)	0.53 (0.01)	2.6 (0.2)	495 (5.3)	0.45 (0.08)	36.1 (1.6)	530 (3.9)	0.43 (0.0)		
	Chile	99.1 (0.1)	452 (3.0)	-0.56 (0.04)	0.4 (0.1)	c c	c c	9.8 (4.9)	c c	c c		
	Czech Republic	97.6 (0.2)	481 (2.8)	-0.08 (0.01)	0.5 (0.1)	c c	c c	46.5 (5.8)	459 (17.1)	-0.38 (0.1)		
	Denmark	92.1 (0.4)	503 (2.2)	0.37 (0.03)	0.5 (0.1)	456 (20.7)	0.05 (0.24)	38.2 (1.8)	464 (6.3)	-0.27 (0.1)		
	Estonia	90.2 (0.7)	506 (2.7)	0.17 (0.02)	1.9 (0.3)	470 (9.2)	-0.03 (0.07)	82.9 (2.4)	472 (6.9)	0.13 (0.1)		
	Finland	95.6 (0.4)	539 (2.2)	0.37 (0.02)	1.8 (0.1)	499 (8.0)	0.60 (0.05)	15.9 (3.6)	c c	c c		
	France	85.7 (1.3)	509 (3.8)	-0.03 (0.03)	2.3 (0.4)	436 (14.9)	-0.44 (0.12)	50.9 (2.5)	470 (9.6)	-0.50 (0.1)		
	Germany	83.4 (1.0)	513 (2.5)	0.33 (0.02)	1.4 (0.2)	493 (13.4)	0.19 (0.10)	33.3 (2.4)	483 (8.0)	-0.28 (0.1)		
	Greece	90.0 (0.9)	490 (4.4)	0.05 (0.03)	1.3 (0.3)	412 (16.7)	-0.51 (0.17)	29.5 (3.2)	457 (9.9)	-0.33 (0.1)		
	Hungary	97.1 (0.4)	496 (3.0)	-0.18 (0.03)	0.7 (0.3)	c c	c c	41.0 (4.8)	527 (12.8)	0.01 (0.2)		
	Iceland	96.4 (0.3)	505 (1.4)	0.74 (0.01)	1.3 (0.2)	451 (16.0)	0.84 (0.10)	c c	c c	c c		
	Ireland	89.8 (1.0)	503 (3.0)	0.04 (0.03)	2.2 (0.9)	507 (14.2)	0.15 (0.18)	16.5 (2.2)	511 (13.3)	0.09 (0.2)		
	Israel	77.4 (1.3)	484 (3.4)	0.04 (0.02)	4.2 (0.7)	444 (20.0)	0.04 (0.08)	50.7 (2.5)	486 (6.6)	-0.24 (0.1)		
	Italy	84.0 (0.4)	504 (1.4)	0.03 (0.01)	10.7 (0.4)	452 (3.7)	-0.66 (0.03)	14.2 (1.3)	471 (10.3)	-0.43 (0.1)		
	Japan	99.6 (0.1)	522 (3.4)	0.00 (0.01)	0.1 (0.0)	c c	c c	c c	c c	c c		
	Korea	99.9 (0.0)	541 (3.4)	-0.15 (0.03)	0.1 (0.0)	c c	c c	c c	c c	c c		
	Luxembourg	2.6 (0.3)	517 (11.7)	0.79 (0.10)	60.6 (0.7)	500 (2.0)	0.56 (0.02)	11.5 (0.8)	501 (6.9)	0.47 (0.1)		
	Mexico	96.1 (0.3)	432 (1.8)	-1.17 (0.03)	2.2 (0.2)	354 (7.4)	-2.26 (0.10)	37.7 (3.6)	347 (10.2)	-1.74 (0.1)		
	Netherlands	87.6 (1.4)	517 (5.2)	0.38 (0.02)	1.5 (0.5)	510 (23.1)	0.22 (0.12)	48.4 (3.1)	477 (10.6)	-0.29 (0.1)		
	New Zealand	72.5 (1.1)	530 (2.5)	0.10 (0.02)	2.8 (0.2)	432 (9.4)	-0.33 (0.07)	20.4 (1.5)	516 (8.9)	-0.05 (0.1)		
	Norway	91.2 (0.6)	509 (2.5)	0.51 (0.02)	2.0 (0.2)	466 (10.9)	0.52 (0.07)	18.1 (1.8)	484 (13.4)	0.26 (0.2)		
	Poland	99.4 (0.1)	503 (2.6)	-0.28 (0.02)	0.6 (0.1)	c c	c c	c c	c c	c c		
	Portugal	94.2 (0.4)	493 (3.1)	-0.31 (0.04)	0.6 (0.1)	493 (14.9)	-0.07 (0.22)	47.8 (3.5)	486 (9.1)	-0.33 (0.1)		
	Slovak Republic	94.3 (0.8)	483 (2.6)	-0.06 (0.02)	5.2 (0.8)	413 (12.3)	-0.62 (0.12)	34.6 (10.1)	c c	c c		
	Slovenia	91.6 (0.4)	489 (1.1)	0.13 (0.01)	1.2 (0.2)	464 (14.4)	-0.04 (0.12)	40.3 (3.0)	466 (8.5)	-0.29 (0.1)		
	Spain	76.6 (1.0)	488 (2.0)	-0.26 (0.04)	13.9 (0.9)	489 (4.1)	-0.27 (0.07)	6.0 (0.7)	466 (11.9)	-0.48 (0.2)		
	Sweden	88.5 (1.1)	509 (2.7)	0.40 (0.02)	1.2 (0.2)	454 (19.4)	0.18 (0.10)	28.4 (2.4)	473 (10.2)	0.09 (0.1)		
	Switzerland	75.6 (0.9)	516 (2.1)	0.22 (0.02)	3.1 (0.3)	490 (7.9)	0.17 (0.06)	28.9 (2.3)	498 (5.6)	-0.17 (0.1)		
	Turkey	95.8 (0.6)	468 (3.6)	-1.12 (0.05)	3.7 (0.5)	409 (11.1)	-2.15 (0.12)	c c	c c	c c		
	United Kingdom	88.3 (1.0)	501 (2.3)	0.23 (0.02)	1.3 (0.2)	433 (11.5)	0.05 (0.11)	38.3 (3.4)	504 (8.9)	0.26 (0.1)		
	United States	79.3 (1.4)	507 (3.7)	0.33 (0.04)	1.4 (0.2)	453 (14.5)	-0.27 (0.14)	31.2 (1.8)	496 (8.1)	-0.02 (0.1)		
	OECD average	85.9 (0.1)	502 (0.6)	0.07 (0.01)	4.4 (0.1)	460 (2.5)	-0.13 (0.02)	32.3 (0.6)	481 (1.9)	-0.16 (0.0)		
Partners	Albania	98.4 (0.3)	389 (4.0)	-0.95 (0.04)	1.0 (0.2)	367 (19.9)	-0.99 (0.31)	c c	c c	c c		
	Argentina	95.9 (0.5)	404 (4.6)	-0.60 (0.05)	0.7 (0.1)	c c	c c	53.5 (5.7)	376 (13.1)	-1.27 (0.1)		
	Azerbaijan	90.0 (1.2)	361 (3.4)	-0.67 (0.03)	6.9 (1.0)	385 (10.7)	-0.21 (0.16)	64.2 (6.6)	359 (10.3)	-0.67 (0.2)		
	Brazil	98.6 (0.2)	416 (2.7)	-1.15 (0.03)	0.6 (0.1)	362 (12.4)	-0.76 (0.16)	64.6 (7.9)	322 (18.9)	-1.27 (0.3)		
	Bulgaria	89.0 (1.8)	446 (6.5)	-0.01 (0.04)	10.5 (1.7)	343 (10.0)	-0.91 (0.08)	c c	c c	c c		
	Colombia	99.3 (0.1)	416 (3.6)	-1.15 (0.05)	0.4 (0.1)	371 (25.8)	-0.33 (0.22)	c c	c c	c c		
	Croatia	88.0 (0.7)	479 (2.9)	-0.15 (0.02)	1.3 (0.4)	470 (21.5)	-0.25 (0.19)	65.8 (2.2)	466 (5.4)	-0.32 (0.1)		
	Dubai (UAE)	16.1 (0.4)	386 (2.9)	0.02 (0.03)	9.4 (0.4)	415 (4.4)	0.75 (0.03)	17.1 (0.7)	480 (5.0)	0.31 (0.0)		
	Hong Kong-China	57.8 (1.6)	540 (2.8)	-0.56 (0.04)	2.8 (0.8)	466 (8.8)	0.18 (0.24)	57.8 (1.6)	546 (3.2)	-1.13 (0.0)		
	Indonesia	35.5 (2.1)	409 (6.4)	-1.00 (0.09)	64.3 (2.1)	400 (3.6)	-1.85 (0.05)	c c	c c	c c		
	Jordan	84.0 (0.9)	408 (3.1)	-0.62 (0.03)	2.2 (0.3)	388 (12.9)	-0.25 (0.14)	72.4 (1.7)	423 (6.6)	-0.38 (0.1)		
	Kazakhstan	79.4 (1.3)	388 (3.2)	-0.51 (0.03)	9.0 (0.7)	405 (8.3)	-0.31 (0.07)	57.1 (3.9)	418 (12.9)	-0.54 (0.1)		
	Kyrgyzstan	79.6 (1.6)	308 (3.2)	-0.76 (0.02)	18.6 (1.6)	359 (6.6)	-0.19 (0.04)	51.6 (5.7)	373 (24.1)	-0.53 (0.2)		
	Latvia	87.1 (1.3)	488 (3.0)	-0.12 (0.03)	8.6 (1.2)	472 (9.2)	-0.32 (0.07)	75.1 (4.9)	484 (9.6)	0.00 (0.1)		
	Liechtenstein	69.5 (3.0)	513 (4.5)	0.24 (0.05)	0.7 (0.5)	c c	c c	27.1 (4.4)	c c	c c		
	Lithuania	94.7 (0.8)	473 (2.5)	-0.03 (0.02)	3.6 (0.7)	433 (7.5)	-0.29 (0.07)	56.7 (7.8)	435 (13.3)	-0.20 (0.2)		
	Macao-China	24.0 (0.6)	492 (2.3)	-0.57 (0.02)	5.5 (0.2)	450 (3.5)	0.13 (0.04)	71.9 (0.7)	494 (1.3)	-0.89 (0.0)		
	Montenegro	92.4 (0.4)	411 (1.7)	-0.24 (0.02)	1.0 (0.2)	362 (14.5)	-0.66 (0.14)	35.7 (3.0)	439 (10.0)	0.15 (0.1)		
	Panama	92.4 (1.4)	385 (5.5)	-0.79 (0.08)	3.9 (0.9)	317 (20.3)	-1.22 (0.34)	20.7 (5.3)	413 (35.5)	-0.30 (0.2)		
	Peru	94.7 (0.8)	381 (4.0)	-1.24 (0.05)	4.9 (0.8)	272 (7.6)	-2.45 (0.09)	c c	c c	c c		
	Qatar	34.2 (0.4)	336 (1.6)	0.32 (0.02)	19.4 (0.3)	326 (2.3)	0.80 (0.02)	28.1 (0.7)	394 (2.7)	0.25 (0.0)		
	Romania	96.6 (0.6)	428 (4.0)	-0.34 (0.03)	3.1 (0.6)	361 (13.1)	-0.89 (0.34)	c c	c c	c c		
	Russian Federation	80.9 (1.4)	468 (3.3)	-0.16 (0.03)	7.0 (1.1)	421 (9.1)	-0.57 (0.09)	49.0 (4.3)	446 (6.0)	-0.29 (0.1)		
	Serbia	89.0 (0.6)	443 (2.4)	0.09 (0.02)	1.6 (0.3)	406 (12.4)	-0.56 (0.15)	53.5 (2.7)	466 (6.9)	0.10 (0.1)		
	Shanghai-China	98.1 (0.3)	558 (2.3)	-0.47 (0.03)	1.3 (0.2)	493 (12.1)	-1.40 (0.15)	c c	c c	c c		
	Singapore	37.8 (0.8)	561 (2.0)	-0.03 (0.01)	48.0 (1.0)	503 (1.9)	-0.79 (0.02)	9.7 (1.1)	591 (13.4)	0.23 (0.1)		
	Chinese Taipei	77.9 (1.2)	510 (2.6)	-0.19 (0.02)	21.7 (1.2)	472 (4.1)	-0.71 (0.04)	c c	c c	c c		
	Thailand	51.4 (1.7)	431 (3.3)	-0.86 (0.05)	48.6 (1.7)	413 (3.5)	-1.78 (0.04)	c c	c c	c c		
	Trinidad and Tobago	95.4 (0.3)	425 (1.3)	-0.57 (0.02)	2.3 (0.2)	351 (14.6)	-0.73 (0.10)	49.9 (5.4)	418 (19.8)	-0.45 (0.1)		
	Tunisia	99.6 (0.1)	404 (2.9)	-1.20 (0.05)	0.1 (0.0)	c c	c c	52.2 (12.8)	c c	c c		
	Uruguay	97.3 (0.2)	430 (2.5)	-0.68 (0.03)	2.2 (0.2)	383 (9.0)	-1.28 (0.11)	c c	c c	c c		

Notes: Values that are statistically significant are indicated in bold (see Annex A3). The percentages of immigrant and native students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total student population. The percentages of first- and second-generation students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total immigrant student population.


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[Part 2/5]

Percentage of students and reading performance, by immigrant status and language spoken at home**Table II.4.4 Results based on students' self-reports**

	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					
	Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)	Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)	Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)	
	S.E.	Mean score	S.E.	Mean index		S.E.	Mean score	S.E.	Mean index		S.E.	Mean score	S.E.	Mean index		S.E.
OECD																
Australia	15.6 (1.0)	527 (9.2)	0.07 (0.1)	27.6 (1.3)	530 (4.8)	0.51 (0.0)	20.6 (1.4)	505 (11.8)	0.29 (0.1)							
Austria	50.6 (3.0)	428 (7.3)	-0.62 (0.0)	7.9 (1.7)	416 (28.5)	-0.08 (0.2)	23.3 (2.0)	387 (11.0)	-0.85 (0.2)							
Belgium	27.4 (2.1)	442 (10.7)	-0.45 (0.1)	24.8 (3.4)	463 (12.9)	-0.03 (0.1)	23.5 (1.8)	435 (10.5)	-0.36 (0.1)							
Canada	19.9 (1.0)	517 (5.7)	0.22 (0.1)	15.0 (0.8)	535 (6.3)	0.72 (0.1)	29.0 (1.5)	516 (5.5)	0.51 (0.0)							
Chile	3.4 (3.1)	c	c	c	c	c	c	c	c							
Czech Republic	14.5 (4.3)	c	c	c	c	c	31.4 (4.1)	485 (21.5)	-0.02 (0.2)							
Denmark	30.8 (1.7)	440 (5.6)	-0.52 (0.1)	9.8 (1.4)	442 (10.5)	-0.18 (0.1)	21.2 (2.0)	420 (8.3)	-0.42 (0.1)							
Estonia	9.7 (2.0)	454 (14.5)	-0.12 (0.1)	6.3 (1.1)	c	c	1.1 (0.5)	c	c							
Finland	28.4 (4.4)	476 (16.7)	0.21 (0.2)	10.2 (2.6)	c	c	c	45.5 (5.0)	446 (19.7)	-0.18 (0.2)						
France	25.4 (2.4)	433 (13.3)	-0.92 (0.1)	9.3 (1.4)	451 (21.3)	-0.43 (0.2)	14.4 (2.1)	431 (18.6)	-0.87 (0.2)							
Germany	33.1 (2.0)	448 (8.3)	-0.56 (0.1)	8.7 (1.2)	480 (11.2)	-0.27 (0.1)	25.0 (1.8)	450 (8.1)	-0.24 (0.1)							
Greece	3.5 (1.2)	c	c	c	31.0 (2.4)	441 (16.6)	-0.75 (0.1)	35.9 (3.8)	404 (20.3)	-0.82 (0.1)						
Hungary	1.7 (1.1)	c	c	c	52.4 (5.2)	494 (11.6)	-0.32 (0.1)	4.9 (2.6)	c	c						
Iceland	c	c	c	14.6 (4.0)	c	c	69.4 (5.1)	425 (14.6)	-0.27 (0.1)							
Ireland	1.7 (0.8)	c	c	c	38.2 (3.2)	494 (9.5)	0.32 (0.1)	43.6 (3.9)	444 (11.4)	-0.01 (0.1)						
Israel	14.2 (1.3)	523 (9.1)	-0.04 (0.2)	9.5 (0.9)	464 (12.6)	-0.55 (0.1)	25.6 (2.3)	476 (8.9)	-0.36 (0.1)							
Italy	8.9 (1.1)	443 (12.0)	-0.67 (0.2)	18.5 (1.5)	431 (9.9)	-0.47 (0.1)	58.5 (2.1)	410 (4.9)	-0.83 (0.0)							
Japan	c	c	c	c	c	c	c	c	c							
Korea	c	c	c	c	c	c	c	c	c							
Luxembourg	47.7 (1.3)	439 (3.5)	-0.64 (0.0)	11.8 (0.7)	540 (8.3)	0.82 (0.1)	29.0 (1.2)	433 (6.0)	-0.56 (0.1)							
Mexico	2.9 (1.2)	c	c	44.1 (3.6)	350 (8.8)	-1.68 (0.1)	15.2 (2.8)	284 (14.9)	-2.34 (0.2)							
Netherlands	23.1 (2.1)	463 (10.8)	-0.74 (0.1)	8.9 (1.4)	483 (20.8)	-0.20 (0.2)	19.5 (2.1)	471 (15.1)	-0.52 (0.2)							
New Zealand	12.1 (1.3)	469 (13.3)	-0.31 (0.1)	32.2 (1.6)	553 (5.9)	0.41 (0.0)	35.3 (1.4)	491 (6.0)	0.06 (0.0)							
Norway	35.0 (3.5)	453 (9.4)	-0.02 (0.1)	5.0 (1.4)	c	c	41.9 (3.2)	440 (7.8)	-0.21 (0.1)							
Poland	c	c	c	c	c	c	c	c	c							
Portugal	2.9 (1.1)	c	c	c	33.1 (3.4)	463 (11.5)	-0.32 (0.1)	16.2 (2.5)	455 (10.5)	-0.27 (0.1)						
Slovak Republic	13.2 (8.4)	c	c	c	c	c	c	c	c							
Slovenia	41.9 (2.9)	439 (6.7)	-0.58 (0.1)	4.3 (1.2)	c	c	13.5 (2.0)	412 (11.3)	-0.81 (0.1)							
Spain	5.1 (0.9)	458 (14.1)	-0.53 (0.2)	51.8 (2.8)	436 (4.5)	-0.76 (0.1)	37.0 (2.6)	414 (6.1)	-0.79 (0.1)							
Sweden	39.1 (2.6)	445 (8.2)	-0.16 (0.1)	5.6 (1.2)	c	c	26.9 (2.1)	415 (13.2)	-0.35 (0.1)							
Switzerland	34.6 (1.7)	465 (5.2)	-0.55 (0.0)	14.1 (2.0)	507 (10.9)	0.34 (0.1)	22.3 (1.4)	436 (6.0)	-0.59 (0.1)							
Turkey	c	c	c	c	c	c	c	c	c							
United Kingdom	17.3 (2.2)	471 (10.1)	-0.11 (0.2)	14.4 (1.8)	470 (11.8)	0.10 (0.1)	30.0 (2.5)	457 (10.3)	-0.16 (0.1)							
United States	35.5 (1.7)	473 (7.2)	-0.70 (0.1)	9.0 (1.2)	513 (12.8)	0.02 (0.1)	24.3 (1.9)	476 (8.4)	-0.55 (0.1)							
OECD average	20.7 (0.5)	462 (2.2)	-0.37 (0.0)	18.8 (0.4)	474 (2.9)	-0.13 (0.0)	28.0 (0.5)	439 (2.4)	-0.44 (0.0)							
Partners																
Albania	c	c	c	c	c	c	c	c	c							
Argentina	6.9 (3.3)	c	c	c	29.4 (4.4)	377 (26.7)	-1.05 (0.1)	10.2 (2.8)	c	c	c	c	c	c	c	
Azerbaijan	10.9 (4.2)	c	c	c	18.7 (3.6)	c	c	6.1 (2.8)	c	c	c	c	c	c	c	
Brazil	0.1 (0.1)	c	c	c	31.1 (7.9)	305 (20.9)	-1.69 (0.4)	4.2 (3.1)	c	c	c	c	c	c	c	
Bulgaria	c	c	c	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	c	c	c	
Croatia	1.4 (0.5)	c	c	c	31.1 (2.0)	454 (8.5)	-0.59 (0.1)	1.6 (0.5)	c	c	c	c	c	c	c	
Dubai (UAE)	19.3 (0.7)	463 (3.8)	0.32 (0.0)	27.5 (0.8)	528 (3.4)	0.74 (0.0)	36.1 (0.8)	488 (3.0)	0.51 (0.0)							
Hong Kong-China	3.0 (0.5)	497 (14.8)	-0.58 (0.2)	30.9 (1.4)	520 (4.9)	-1.35 (0.0)	8.3 (1.0)	484 (12.3)	-1.49 (0.1)							
Indonesia	c	c	c	c	c	c	c	c	c							
Jordan	3.8 (0.7)	389 (19.2)	-0.30 (0.2)	21.4 (1.6)	420 (9.2)	-0.15 (0.1)	2.4 (0.4)	c	c							
Kazakhstan	5.2 (1.6)	381 (18.4)	-0.74 (0.3)	33.2 (3.9)	360 (9.4)	-0.80 (0.1)	4.4 (1.0)	411 (18.5)	-0.48 (0.1)							
Kyrgyzstan	8.2 (4.3)	c	c	c	29.9 (5.5)	c	c	10.3 (4.6)	c	c	c	c	c	c	c	
Latvia	15.8 (4.4)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Liechtenstein	18.9 (4.0)	c	c	c	25.6 (4.6)	c	c	28.4 (4.5)	c	c	c	c	c	c	c	
Lithuania	34.0 (8.0)	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Macao-China	6.1 (0.3)	451 (4.5)	-0.23 (0.1)	20.2 (0.6)	496 (2.5)	-0.82 (0.0)	1.8 (0.2)	447 (8.7)	-0.25 (0.1)							
Montenegro	2.7 (1.4)	c	c	c	54.3 (3.6)	415 (7.7)	-0.16 (0.1)	7.3 (2.8)	c	c	c	c	c	c	c	
Panama	11.1 (3.3)	412 (34.6)	-0.48 (0.2)	36.5 (5.1)	371 (42.6)	-0.47 (0.3)	31.7 (5.8)	c	c	c	c	c	c	c	c	
Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Qatar	14.8 (0.6)	390 (5.4)	0.39 (0.0)	30.1 (0.7)	449 (3.0)	0.66 (0.0)	27.0 (0.6)	470 (3.7)	0.66 (0.0)							
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Russian Federation	10.4 (5.0)	389 (26.1)	-0.57 (0.1)	31.6 (3.2)	459 (7.7)	-0.23 (0.1)	8.9 (1.5)	392 (14.4)	-0.57 (0.1)							
Serbia	1.1 (0.5)	c	c	c	43.8 (2.8)	446 (7.2)	-0.19 (0.1)	1.6 (0.6)	c	c	c	c	c	c	c	
Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Singapore	23.7 (1.5)	526 (7.5)	-0.67 (0.1)	11.4 (1.1)	559 (9.4)	0.11 (0.1)	55.2 (1.9)	516 (5.4)	-0.24 (0.0)							
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
Trinidad and Tobago	4.6 (2.1)	c	c	c	28.7 (4.5)	423 (26.4)	-0.03 (0.2)	16.8 (3.8)	c	c	c	c	c	c	c	
Tunisia	c	c	c	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	c	c	c	

Notes: Values that are statistically significant are indicated in bold (see Annex A3). The percentages of immigrant and native students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total student population. The percentages of first- and second-generation students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total immigrant student population.

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[Part 3/5]

Percentage of students and reading performance, by immigrant status and language spoken at home

Table II.4.4 Results based on students' self-reports

	Students with an immigrant background (first- and second-generation) speaking the language of assessment at home						Students with an immigrant background (first- and second-generation) speaking another language at home						Increased likelihood of immigrant students speaking another language at home of scoring in the bottom quarter of the reading performance distribution	
	Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)		Percentage of students		Performance on the reading scale		PISA index of economic, social and cultural status (ESCS)			
	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Ratio	S.E.
OECD														
Australia	14.7	(0.6)	532	(4.5)	0.43	(0.03)	8.3	(0.7)	515	(9.7)	0.19	(0.04)	1.13	(0.10)
Austria	3.3	(0.5)	433	(14.0)	-0.25	(0.08)	9.2	(0.8)	415	(6.8)	-0.69	(0.06)	2.19	(0.22)
Belgium	6.8	(0.7)	471	(8.5)	-0.04	(0.08)	7.0	(0.7)	439	(8.8)	-0.41	(0.07)	2.31	(0.17)
Canada	12.1	(0.7)	532	(3.8)	0.52	(0.04)	11.6	(0.8)	517	(4.8)	0.39	(0.05)	1.29	(0.10)
Chile	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Czech Republic	1.0	(0.2)	463	(14.9)	-0.39	(0.10)	0.9	(0.1)	491	(18.1)	0.05	(0.15)	0.98	(0.39)
Denmark	3.6	(0.2)	460	(5.7)	-0.25	(0.06)	3.9	(0.2)	432	(5.3)	-0.48	(0.06)	2.47	(0.16)
Estonia	7.1	(0.6)	473	(6.7)	0.13	(0.07)	0.9	(0.2)	451	(13.2)	-0.01	(0.10)	1.94	(0.42)
Finland	0.7	(0.1)	500	(18.0)	0.31	(0.18)	1.9	(0.3)	457	(14.1)	-0.03	(0.14)	2.34	(0.27)
France	7.2	(0.8)	467	(9.1)	-0.49	(0.07)	4.7	(0.6)	432	(10.8)	-0.90	(0.09)	2.25	(0.25)
Germany	6.4	(0.5)	482	(7.0)	-0.28	(0.05)	8.9	(0.7)	449	(6.6)	-0.42	(0.06)	2.12	(0.20)
Greece	5.3	(0.5)	449	(9.4)	-0.55	(0.07)	3.5	(0.5)	410	(19.5)	-0.78	(0.11)	2.19	(0.35)
Hungary	2.0	(0.2)	509	(8.2)	-0.17	(0.10)	0.1	(0.1)	c	c	c	c	c	c
Iceland	0.5	(0.1)	c	c	c	c	1.8	(0.2)	426	(14.8)	-0.17	(0.11)	2.25	(0.34)
Ireland	4.4	(0.4)	500	(8.5)	0.25	(0.08)	3.6	(0.4)	445	(11.2)	0.00	(0.10)	2.23	(0.26)
Israel	11.1	(0.6)	482	(6.4)	-0.29	(0.06)	7.3	(0.8)	493	(8.1)	-0.24	(0.08)	0.86	(0.13)
Italy	1.7	(0.1)	448	(8.1)	-0.46	(0.07)	3.6	(0.2)	414	(4.5)	-0.81	(0.04)	2.64	(0.15)
Japan	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Korea	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Luxembourg	8.6	(0.4)	521	(5.1)	0.64	(0.05)	28.2	(0.6)	437	(3.1)	-0.61	(0.03)	2.58	(0.22)
Mexico	1.5	(0.1)	349	(6.9)	-1.70	(0.10)	0.3	(0.1)	278	(13.9)	-2.24	(0.16)	3.73	(0.28)
Netherlands	6.3	(0.9)	478	(10.8)	-0.28	(0.08)	4.7	(0.6)	467	(10.0)	-0.64	(0.10)	1.89	(0.22)
New Zealand	13.0	(0.6)	538	(5.2)	0.23	(0.04)	11.7	(0.6)	486	(6.4)	-0.03	(0.03)	1.72	(0.14)
Norway	1.6	(0.2)	489	(12.6)	0.25	(0.14)	5.3	(0.5)	446	(6.5)	-0.12	(0.06)	2.19	(0.17)
Poland	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Portugal	4.2	(0.4)	476	(7.6)	-0.33	(0.08)	1.0	(0.2)	448	(10.5)	-0.42	(0.16)	1.90	(0.39)
Slovak Republic	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Slovenia	3.2	(0.3)	462	(8.0)	-0.27	(0.07)	4.0	(0.3)	433	(5.6)	-0.63	(0.05)	1.86	(0.22)
Spain	5.5	(0.4)	439	(4.5)	-0.73	(0.06)	4.0	(0.4)	419	(6.0)	-0.75	(0.08)	2.30	(0.18)
Sweden	3.5	(0.3)	469	(9.2)	0.07	(0.08)	6.8	(0.8)	433	(7.8)	-0.24	(0.06)	2.28	(0.20)
Switzerland	9.2	(0.7)	501	(5.1)	0.00	(0.12)	12.2	(0.6)	454	(4.4)	-0.57	(0.04)	2.26	(0.14)
Turkey	c	c	c	c	c	c	c	c	c	c	c	c	c	c
United Kingdom	5.5	(0.7)	495	(7.6)	0.22	(0.08)	4.9	(0.5)	462	(8.3)	-0.14	(0.11)	1.66	(0.22)
United States	7.8	(0.6)	500	(7.8)	-0.01	(0.09)	11.5	(0.9)	475	(6.2)	-0.64	(0.08)	1.41	(0.13)
OECD average	5.6	(0.1)	478	(1.7)	-0.13	(0.02)	6.1	(0.1)	445	(1.9)	-0.42	(0.02)	2.04	(0.05)
Partners														
Albania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Argentina	2.8	(0.4)	376	(14.9)	-1.19	(0.07)	0.6	(0.2)	c	c	c	c	c	c
Azerbaijan	2.6	(0.5)	364	(9.1)	-0.55	(0.19)	0.5	(0.2)	c	c	c	c	c	c
Brazil	0.8	(0.1)	317	(14.4)	-1.41	(0.24)	0.0	(0.0)	c	c	c	c	c	c
Bulgaria	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Colombia	0.3	(0.1)	309	(25.9)	-1.96	(0.27)	c	c	c	c	c	c	c	c
Croatia	10.4	(0.6)	462	(5.3)	-0.41	(0.05)	0.3	(0.1)	c	c	c	c	c	c
Dubai (UAE)	33.3	(0.7)	510	(2.3)	0.57	(0.02)	41.3	(0.6)	479	(2.2)	0.44	(0.01)	0.60	(0.05)
Hong Kong-China	35.0	(1.2)	537	(2.9)	-1.21	(0.03)	4.5	(0.6)	488	(11.5)	-1.24	(0.11)	1.91	(0.26)
Indonesia	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Jordan	12.9	(0.9)	422	(6.2)	-0.33	(0.07)	0.9	(0.1)	380	(15.1)	-0.12	(0.15)	1.68	(0.43)
Kazakhstan	10.5	(1.1)	397	(10.3)	-0.64	(0.07)	1.1	(0.2)	395	(13.8)	-0.62	(0.17)	0.84	(0.27)
Kyrgyzstan	1.5	(0.3)	360	(18.2)	-0.63	(0.19)	0.3	(0.1)	c	c	c	c	c	c
Latvia	3.5	(0.4)	486	(9.0)	0.04	(0.11)	0.8	(0.2)	442	(20.3)	-0.45	(0.24)	2.15	(0.60)
Liechtenstein	15.7	(2.1)	505	(10.9)	0.18	(0.14)	14.1	(2.1)	456	(11.8)	-0.82	(0.13)	2.28	(0.60)
Lithuania	1.1	(0.2)	438	(13.4)	-0.19	(0.19)	0.7	(0.2)	c	c	c	c	c	c
Macao-China	64.9	(0.6)	494	(1.0)	-0.87	(0.01)	5.6	(0.2)	450	(4.2)	-0.23	(0.05)	1.91	(0.17)
Montenegro	5.9	(0.4)	425	(6.2)	-0.04	(0.07)	0.7	(0.2)	c	c	c	c	c	c
Panama	2.1	(0.4)	386	(30.6)	-0.41	(0.19)	1.6	(0.4)	307	(28.7)	-1.16	(0.23)	2.66	(0.49)
Peru	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Qatar	27.0	(0.4)	423	(2.0)	0.46	(0.02)	19.4	(0.4)	442	(3.0)	0.56	(0.02)	0.47	(0.03)
Romania	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Russian Federation	9.8	(0.6)	451	(5.1)	-0.26	(0.04)	2.3	(0.8)	390	(15.9)	-0.57	(0.09)	2.34	(0.41)
Serbia	9.2	(0.6)	457	(4.8)	-0.03	(0.05)	0.3	(0.1)	c	c	c	c	c	c
Shanghai-China	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Singapore	3.0	(0.3)	574	(7.6)	0.16	(0.05)	11.3	(0.5)	519	(4.9)	-0.37	(0.03)	1.22	(0.10)
Chinese Taipei	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Thailand	c	c	c	c	c	c	c	c	c	c	c	c	c	c
Trinidad and Tobago	1.8	(0.2)	420	(16.8)	-0.31	(0.12)	0.5	(0.1)	436	(34.1)	0.14	(0.21)	1.64	(0.54)
Tunisia	c	c	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	c	c

Notes: Values that are statistically significant are indicated in bold (see Annex A3). The percentages of immigrant and native students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total student population. The percentages of first- and second-generation students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total immigrant student population.


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[Part 4/5]

Percentage of students and reading performance, by immigrant status and language spoken at home
Table II.4.4 Results based on students' self-reports

	Pooled within-country correlations between school immigrant status and language spoken at home		Difference in reading performance between:							
			Native students and students with an immigrant background who speak a language at home that is different from the language of assessment		Native students and students with an immigrant background who speak a language at home that is different from the language of assessment, after accounting for ESCS		Native students speaking the language of assessment at home and native students speaking another language		Native students speaking the language of assessment at home and native students speaking another language, after accounting for ESCS	
			Correlation	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	0.87	(0.02)	1	(9.6)	-8	(8.5)	55	(12.2)	45	(12.2)
Australia	0.90	(0.02)	69	(7.5)	31	(7.3)	54	(18.9)	38	(15.6)
Austria	0.39	(0.07)	82	(8.7)	48	(7.6)	19	(5.5)	7	(5.0)
Belgium	0.73	(0.02)	12	(5.1)	7	(4.6)	35	(5.3)	33	(4.8)
Canada	0.04	(0.05)	c	c	c	c	c	c	c	c
Chile	0.55	(0.07)	-10	(17.6)	-4	(15.4)	c	c	c	c
Czech Republic	0.88	(0.01)	70	(5.4)	39	(4.9)	47	(20.5)	36	(19.9)
Denmark	0.08	(0.07)	55	(13.5)	50	(13.3)	36	(9.5)	31	(9.5)
Estonia	0.43	(0.05)	81	(13.9)	69	(12.6)	40	(8.0)	47	(7.8)
Finland	0.73	(0.07)	75	(11.3)	29	(12.4)	73	(15.4)	55	(12.5)
France	0.83	(0.02)	64	(6.7)	33	(6.7)	21	(13.3)	16	(12.6)
Germany	0.73	(0.10)	79	(19.3)	50	(20.6)	78	(17.4)	60	(15.4)
Greece	0.04	(0.10)	c	c	c	c	c	c	c	c
Hungary	0.83	(0.01)	78	(14.9)	56	(15.2)	54	(16.1)	57	(15.8)
Iceland	0.27	(0.13)	57	(11.2)	56	(10.8)	-5	(14.1)	0	(12.0)
Ireland	0.54	(0.12)	-11	(8.2)	-30	(7.4)	40	(20.3)	37	(17.3)
Israel	0.41	(0.05)	85	(4.9)	62	(4.8)	53	(3.8)	34	(3.4)
Italy	0.27	(0.10)	c	c	c	c	c	c	c	c
Japan	-0.01	(0.01)	c	c	c	c	c	c	c	c
Korea	-0.55	(0.00)	63	(4.0)	26	(4.6)	17	(11.6)	9	(12.0)
Luxembourg	0.49	(0.06)	152	(13.5)	128	(12.0)	79	(7.6)	54	(7.4)
Mexico	0.72	(0.10)	50	(8.8)	12	(9.3)	6	(23.7)	1	(22.0)
Netherlands	0.84	(0.02)	40	(7.1)	34	(5.9)	98	(9.4)	76	(9.8)
New Zealand	0.89	(0.03)	62	(6.7)	40	(6.4)	44	(10.0)	44	(9.0)
Norway	-0.03	(0.01)	c	c	c	c	c	c	c	c
Poland	0.49	(0.11)	45	(10.8)	41	(9.8)	-1	(14.6)	6	(13.3)
Portugal	0.04	(0.04)	c	c	c	c	71	(12.3)	49	(9.5)
Slovak Republic	0.78	(0.03)	56	(5.8)	27	(6.2)	24	(14.7)	18	(14.4)
Slovenia	0.11	(0.05)	69	(5.8)	55	(5.7)	0	(4.0)	0	(4.6)
Spain	0.92	(0.02)	75	(8.1)	46	(7.2)	55	(19.1)	43	(16.9)
Sweden	0.66	(0.05)	62	(4.1)	34	(4.2)	26	(7.7)	25	(6.6)
Switzerland	0.08	(0.11)	c	c	c	c	59	(12.1)	29	(12.1)
Turkey	0.75	(0.06)	37	(8.5)	20	(6.2)	68	(11.5)	62	(11.1)
United Kingdom	0.93	(0.02)	32	(6.5)	-10	(5.0)	55	(14.5)	26	(12.9)
United States	0.49	(0.01)	57	(1.9)	35	(1.8)	43	(2.6)	33	(2.4)
OECD average										
Partners	0.11	(0.13)	c	c	c	c	22	(19.9)	22	(15.2)
Albania	0.34	(0.10)	c	c	c	c	c	c	c	c
Argentina	0.12	(0.09)	c	c	c	c	-24	(11.0)	-15	(8.5)
Azerbaijan	0.04	(0.05)	c	c	c	c	54	(12.4)	65	(12.7)
Brazil	0.00	(0.05)	c	c	c	c	103	(10.5)	61	(10.4)
Bulgaria	0.01	(0.05)	c	c	c	c	45	(25.8)	67	(23.7)
Colombia	0.05	(0.05)	c	c	c	c	9	(21.6)	6	(17.4)
Croatia	0.39	(0.00)	-83	(3.3)	-76	(3.2)	-29	(5.5)	-9	(5.8)
Dubai (UAE)	0.11	(0.12)	49	(11.7)	35	(11.1)	73	(9.2)	90	(8.2)
Hong Kong-China	-0.01	(0.04)	c	c	c	c	9	(6.4)	-6	(4.7)
Indonesia	0.10	(0.08)	28	(15.5)	40	(16.2)	20	(12.7)	25	(14.3)
Jordan	0.00	(0.05)	-4	(14.1)	-9	(13.1)	-17	(8.0)	-9	(6.7)
Kazakhstan	0.15	(0.07)	c	c	c	c	-52	(6.5)	-30	(5.4)
Kyrgyzstan	0.08	(0.08)	45	(19.5)	36	(18.5)	16	(9.6)	8	(8.1)
Latvia	0.56	(0.01)	57	(13.7)	34	(14.7)	c	c	c	c
Liechtenstein	0.36	(0.10)	c	c	c	c	41	(7.9)	32	(7.2)
Lithuania	-0.52	(0.00)	34	(4.6)	36	(4.5)	42	(4.3)	56	(4.5)
Macao-China	0.27	(0.16)	c	c	c	c	48	(14.6)	36	(15.5)
Montenegro	0.65	(0.07)	75	(28.2)	64	(25.3)	68	(21.1)	56	(12.7)
Panama	0.06	(0.08)	c	c	c	c	109	(8.3)	61	(8.7)
Peru	0.13	(0.00)	-109	(3.7)	-108	(3.6)	10	(2.8)	17	(2.7)
Qatar	0.06	(0.10)	c	c	c	c	67	(13.2)	48	(10.9)
Romania	0.04	(0.16)	74	(15.6)	58	(14.1)	47	(9.6)	31	(7.6)
Russian Federation	0.12	(0.10)	c	c	c	c	37	(12.3)	20	(12.1)
Serbia	0.40	(0.10)	c	c	c	c	65	(12.1)	41	(10.4)
Shanghai-China	-0.08	(0.04)	10	(5.4)	14	(5.2)	58	(3.0)	28	(3.4)
Singapore	-0.09	(0.06)	c	c	c	c	38	(4.5)	22	(4.3)
Chinese Taipei	c	c	c	c	c	c	18	(4.4)	-2	(3.6)
Thailand	0.42	(0.01)	-12	(34.1)	16	(35.0)	74	(14.9)	70	(15.0)
Trinidad and Tobago	0.55	(0.17)	c	c	c	c	c	c	c	c
Tunisia	0.06	(0.05)	c	c	c	c	47	(9.0)	25	(8.4)
Uruguay										

Notes: Values that are statistically significant are indicated in bold (see Annex A3). The percentages of immigrant and native students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total student population. The percentages of first- and second-generation students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total immigrant student population.

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[Part 5/5]
Percentage of students and reading performance, by immigrant status and language spoken at home

Table II.4.4 *Results based on students' self-reports*

		Difference in reading performance between:							
		Students with an immigrant background speaking the language of assessment at home and immigrant students speaking another language		Students with an immigrant background speaking the language of assessment at home and students with an immigrant background speaking another language, after accounting for ESCS		Native students speaking another language at home and students with an immigrant background speaking another language at home		Native students speaking another language at home and students with an immigrant background speaking another language at home, after accounting for ESCS	
		Dif.	S.E.	Dif.	S.E.	Dif.	S.E.	Dif.	S.E.
OECD	Australia	18	(7.0)	6	(6.8)	-54	(16.8)	-53	(16.1)
	Austria	18	(14.1)	3	(12.8)	16	(20.1)	-3	(17.5)
	Belgium	32	(9.6)	19	(9.2)	66	(9.3)	46	(8.4)
	Canada	15	(5.0)	11	(4.8)	-22	(7.3)	-25	(6.5)
	Chile	c	c	c	c	c	c	c	c
	Czech Republic	-28	(22.9)	-6	(21.2)	c	c	c	c
	Denmark	27	(7.2)	20	(6.7)	24	(20.9)	7	(20.4)
	Estonia	23	(14.4)	20	(14.5)	19	(15.6)	19	(15.6)
	Finland	42	(19.7)	30	(19.2)	42	(17.5)	20	(16.8)
	France	35	(10.4)	17	(11.0)	3	(17.4)	-17	(16.6)
	Germany	34	(8.8)	28	(8.7)	44	(14.1)	24	(14.3)
	Greece	39	(16.0)	31	(16.0)	2	(24.7)	-6	(23.6)
	Hungary	c	c	c	c	c	c	c	c
	Iceland	c	c	c	c	25	(21.9)	-3	(28.3)
	Ireland	54	(14.1)	46	(14.1)	62	(16.9)	56	(16.3)
	Israel	-10	(8.2)	-12	(7.9)	-49	(18.6)	-61	(16.3)
	Italy	34	(9.7)	24	(8.5)	38	(5.9)	34	(5.7)
	Japan	c	c	c	c	c	c	c	c
	Korea	c	c	c	c	c	c	c	c
	Luxembourg	84	(6.1)	43	(6.6)	62	(3.9)	26	(4.6)
	Mexico	71	(15.5)	62	(14.0)	76	(14.3)	76	(13.1)
	Netherlands	11	(11.6)	4	(11.0)	44	(23.5)	20	(23.8)
	New Zealand	53	(7.3)	39	(7.0)	-54	(11.6)	-37	(11.9)
	Norway	43	(14.2)	29	(12.2)	20	(12.7)	-8	(11.8)
	Poland	c	c	c	c	c	c	c	c
	Portugal	28	(10.6)	25	(10.7)	45	(17.9)	32	(17.7)
	Slovak Republic	c	c	c	c	c	c	c	c
	Slovenia	29	(9.9)	24	(10.5)	32	(15.7)	17	(16.0)
	Spain	20	(7.2)	19	(7.5)	69	(6.8)	61	(6.4)
	Sweden	36	(10.1)	20	(9.6)	21	(20.1)	2	(17.4)
	Switzerland	47	(6.0)	29	(7.6)	37	(9.4)	13	(9.2)
	Turkey	c	c	c	c	c	c	c	c
	United Kingdom	32	(8.4)	19	(8.3)	-30	(12.4)	-39	(11.7)
United States	26	(8.1)	5	(7.0)	-22	(14.9)	-31	(14.1)	
OECD average	31	(2.3)	22	(2.2)	20	(3.1)	7	(3.1)	
Partners	Albania	c	c	c	c	c	c	c	c
	Argentina	c	c	c	c	c	c	c	c
	Azerbaijan	c	c	c	c	c	c	c	c
	Brazil	c	c	c	c	c	c	c	c
	Bulgaria	c	c	c	c	c	c	c	c
	Colombia	c	c	c	c	c	c	c	c
	Croatia	c	c	c	c	c	c	c	c
	Dubai (UAE)	30	(3.3)	23	(3.3)	-64	(4.9)	-78	(4.8)
	Hong Kong-China	49	(11.4)	50	(10.9)	-21	(11.5)	-52	(14.0)
	Indonesia	c	c	c	c	c	c	c	c
	Jordan	42	(16.9)	48	(17.6)	9	(20.5)	12	(20.7)
	Kazakhstan	2	(14.5)	3	(12.9)	11	(14.0)	-3	(13.5)
	Kyrgyzstan	c	c	c	c	c	c	c	c
	Latvia	44	(21.3)	26	(19.1)	30	(19.0)	30	(18.7)
	Liechtenstein	49	(17.0)	43	(20.5)	c	c	c	c
	Lithuania	c	c	c	c	c	c	c	c
	Macao-China	44	(4.2)	55	(4.1)	0	(6.0)	-5	(6.1)
	Montenegro	c	c	c	c	c	c	c	c
	Panama	79	(25.0)	33	(21.9)	10	(29.6)	11	(25.5)
	Peru	c	c	c	c	c	c	c	c
	Qatar	-19	(3.9)	-14	(3.6)	-115	(4.5)	-127	(4.1)
	Romania	c	c	c	c	c	c	c	c
	Russian Federation	60	(16.7)	54	(16.9)	30	(18.4)	30	(17.1)
	Serbia	c	c	c	c	c	c	c	c
	Shanghai-China	c	c	c	c	c	c	c	c
	Singapore	55	(9.1)	36	(9.0)	-16	(5.7)	0	(5.7)
	Chinese Taipei	c	c	c	c	c	c	c	c
Thailand	c	c	c	c	c	c	c	c	
Trinidad and Tobago	-16	(41.7)	11	(39.2)	-85	(35.9)	-74	(39.9)	
Tunisia	c	c	c	c	c	c	c	c	
Uruguay	c	c	c	c	c	c	c	c	

Notes: Values that are statistically significant are indicated in bold (see Annex A3). The percentages of immigrant and native students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total student population. The percentages of first- and second-generation students speaking the language of assessment at home and not speaking the language of assessment at home is calculated over the total immigrant student population.

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[Part 1/1]
Performance of students with an immigrant background in the host country, by country of origin

Table II.4.5 *Results based on students' self-reports*


Host country	Country of origin	Performance in reading		Performance in reading after accounting for socio-economic background within each immigrant group		Performance in reading after accounting for socio-economic background of the host country		
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	
OECD	Australia	China	566	(17.1)	561	(14.9)	563	(14.8)
		Korea	529	(18.8)	528	(16.5)	524	(16.4)
		Philippines	513	(8.5)	518	(7.5)	524	(7.4)
		South Africa	531	(8.5)	520	(8.8)	510	(8.2)
		United Kingdom	528	(3.4)	532	(3.2)	522	(3.2)
		United States	550	(10.8)	546	(11.1)	548	(11.0)
	Austria	Former Yugoslavia	418	(7.3)	423	(7.0)	444	(6.9)
		Germany	483	(10.5)	482	(9.3)	473	(9.1)
		Poland	489	(20.4)	491	(20.5)	496	(21.1)
		Turkey	375	(6.4)	379	(6.3)	422	(6.7)
	Belgium	France	479	(15.2)	495	(11.8)	488	(12.1)
		Germany	487	(10.4)	491	(9.6)	489	(9.5)
		Turkey	413	(10.2)	413	(10.4)	457	(10.9)
		African countries	469	(6.9)	480	(5.6)	486	(5.6)
	Czech Republic	Russian Federation	461	(13.7)	463	(15.0)	462	(16.1)
	Denmark	Former Yugoslavia	454	(9.5)	453	(9.1)	475	(9.2)
		Pakistan	430	(9.3)	437	(11.5)	463	(12.1)
		Turkey	416	(5.9)	417	(5.7)	455	(5.9)
	Finland	Russian Federation	505	(13.4)	494	(14.1)	507	(13.7)
		Sweden	505	(8.1)	511	(7.6)	509	(7.7)
	Germany	Former Yugoslavia	448	(13.9)	446	(12.6)	466	(11.7)
		Italy	465	(13.8)	470	(13.2)	480	(13.1)
		Poland	481	(7.7)	481	(7.6)	489	(7.8)
		Russian Federation	483	(6.3)	487	(6.2)	500	(6.3)
		Turkey	426	(6.5)	424	(6.5)	462	(6.7)
	Greece	Albania	439	(11.9)	440	(11.9)	464	(11.7)
		Russian Federation	431	(17.0)	442	(14.9)	444	(14.6)
	Ireland	United Kingdom	504	(4.7)	524	(4.2)	501	(4.1)
	Israel	France	498	(9.0)	497	(9.6)	481	(9.5)
		Russian Federation	504	(6.2)	505	(5.8)	505	(5.9)
		United States	539	(11.5)	532	(10.6)	520	(10.7)
	Luxembourg	Former Yugoslavia	412	(7.3)	413	(7.1)	433	(7.2)
	France	499	(4.9)	492	(4.6)	487	(4.6)	
	Germany	500	(6.6)	484	(6.4)	483	(6.3)	
	Italy	443	(7.1)	440	(7.1)	443	(7.0)	
	Portugal	413	(3.1)	427	(4.0)	451	(4.2)	
	United Kingdom	545	(13.7)	516	(14.4)	503	(13.5)	
Mexico	United States	415	(7.6)	434	(8.6)	401	(7.9)	
Netherlands	Germany	529	(16.6)	528	(14.3)	529	(14.4)	
	Turkey	446	(11.1)	448	(10.2)	484	(11.2)	
New Zealand	China	564	(10.5)	572	(10.1)	563	(9.5)	
	Korea	508	(11.1)	510	(11.2)	494	(11.4)	
	South Africa	545	(10.5)	555	(9.0)	527	(9.1)	
	United Kingdom	559	(4.4)	566	(4.1)	542	(4.0)	
Norway	Sweden	492	(12.6)	485	(10.8)	490	(11.3)	
Portugal	Brazil	499	(7.1)	486	(8.0)	488	(6.6)	
	African countries	496	(5.5)	498	(4.0)	485	(4.2)	
Switzerland	Albania	384	(14.1)	382	(13.7)	413	(13.7)	
	Austria	506	(10.8)	510	(10.1)	505	(9.9)	
	Former Yugoslavia	450	(4.9)	454	(4.6)	471	(4.7)	
	France	538	(8.4)	530	(6.2)	521	(6.1)	
	Germany	538	(6.4)	528	(6.2)	522	(6.1)	
	Italy	476	(5.8)	477	(5.5)	480	(5.3)	
	Portugal	482	(9.7)	492	(10.1)	517	(10.0)	
Switzerland	Turkey	425	(9.8)	424	(9.6)	455	(10.2)	
Turkey	Germany	478	(16.5)	508	(12.4)	458	(13.1)	
United Kingdom	Pakistan	507	(16.7)	500	(16.3)	509	(16.3)	
	African countries	487	(15.3)	480	(14.0)	483	(13.7)	
Partners	Argentina	Brazil	349	(31.6)	356	(33.0)	349	(32.7)
	Croatia	Italy	471	(18.0)	469	(19.9)	460	(22.9)
	Liechtenstein	Austria	519	(11.4)	513	(10.3)	511	(10.3)
	Macao-China	Philippines	444	(12.6)	444	(12.0)	433	(12.4)
		Portugal	486	(11.5)	463	(11.6)	472	(11.4)
	Montenegro	Albania	373	(14.3)	376	(13.1)	392	(13.1)
Uruguay	Brazil	413	(12.9)	425	(13.5)	417	(13.0)	

[Part 2/2]

Characteristics of schools attended by students with and without an immigrant background
 (Scores standardised within each country sample)

Table II.4.6 Results based on students' self-reports and school principals' reports

		Negative mean index indicates more favourable characteristics											
		Student/teacher ratio						Index of teacher shortage					
		Native students		Immigrant students		Difference (N-I)		Native students		Immigrant students		Difference (N-I)	
		Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.
OECD	Australia	-0.01	(0.05)	0.03	(0.10)	-0.04	(0.08)	0.03	(0.06)	-0.12	(0.08)	0.15	(0.07)
	Austria	0.03	(0.06)	-0.15	(0.08)	0.18	(0.08)	-0.01	(0.08)	0.07	(0.11)	-0.08	(0.10)
	Belgium	0.03	(0.04)	-0.11	(0.11)	0.14	(0.10)	-0.04	(0.06)	0.20	(0.08)	-0.24	(0.08)
	Canada	0.01	(0.04)	-0.03	(0.07)	0.04	(0.06)	0.05	(0.03)	-0.18	(0.06)	0.22	(0.06)
	Chile	0.01	(0.09)	c	c	c	c	0.00	(0.09)	c	c	c	c
	Czech Republic	0.00	(0.06)	0.28	(0.19)	-0.28	(0.17)	0.00	(0.06)	0.08	(0.11)	-0.08	(0.10)
	Denmark	0.02	(0.06)	-0.19	(0.06)	0.20	(0.07)	-0.01	(0.07)	0.10	(0.07)	-0.11	(0.06)
	Estonia	0.01	(0.07)	-0.08	(0.14)	0.09	(0.12)	0.01	(0.07)	-0.09	(0.10)	0.09	(0.09)
	Finland	0.00	(0.08)	0.11	(0.14)	-0.11	(0.10)	0.00	(0.07)	-0.08	(0.15)	0.08	(0.14)
	France	w	w	w	w	w	w	w	w	w	w	w	w
	Germany	0.00	(0.06)	-0.01	(0.09)	0.01	(0.07)	-0.03	(0.07)	0.15	(0.09)	-0.18	(0.06)
	Greece	0.01	(0.08)	-0.11	(0.10)	0.12	(0.10)	0.00	(0.08)	0.02	(0.10)	-0.03	(0.10)
	Hungary	0.00	(0.09)	-0.17	(0.11)	0.17	(0.10)	0.00	(0.09)	-0.12	(0.12)	0.12	(0.10)
	Iceland	0.01	(0.01)	-0.39	(0.10)	0.40	(0.11)	-0.01	(0.01)	0.29	(0.10)	-0.30	(0.10)
	Ireland	0.03	(0.08)	-0.14	(0.11)	0.17	(0.08)	0.00	(0.09)	0.08	(0.12)	-0.08	(0.08)
	Israel	0.06	(0.08)	-0.29	(0.08)	0.35	(0.09)	0.01	(0.08)	-0.02	(0.10)	0.03	(0.08)
	Italy	0.01	(0.03)	-0.09	(0.07)	0.10	(0.06)	0.00	(0.04)	-0.05	(0.08)	0.06	(0.07)
	Japan	0.00	(0.06)	c	c	c	c	0.00	(0.07)	c	c	c	c
	Korea	0.00	(0.06)	c	c	c	c	0.00	(0.10)	c	c	c	c
	Luxembourg	0.00	(0.01)	0.00	(0.02)	0.00	(0.03)	0.03	(0.01)	-0.05	(0.02)	0.08	(0.03)
	Mexico	0.00	(0.03)	-0.06	(0.04)	0.06	(0.05)	0.00	(0.03)	0.02	(0.09)	-0.02	(0.08)
	Netherlands	0.03	(0.10)	-0.19	(0.10)	0.22	(0.11)	0.04	(0.08)	-0.23	(0.15)	0.28	(0.16)
	New Zealand	-0.04	(0.06)	0.16	(0.07)	-0.20	(0.07)	0.00	(0.07)	-0.01	(0.07)	0.00	(0.07)
	Norway	-0.01	(0.07)	0.13	(0.13)	-0.14	(0.09)	0.00	(0.08)	-0.09	(0.20)	0.10	(0.18)
	Poland	0.00	(0.07)	c	c	c	c	0.00	(0.08)	c	c	c	c
	Portugal	0.02	(0.08)	-0.25	(0.09)	0.27	(0.11)	0.00	(0.07)	0.05	(0.14)	-0.06	(0.12)
	Slovak Republic	0.00	(0.08)	c	c	c	c	0.00	(0.07)	c	c	c	c
	Slovenia	-0.01	(0.01)	0.12	(0.06)	-0.13	(0.06)	0.00	(0.01)	0.03	(0.05)	-0.04	(0.05)
Spain	0.03	(0.04)	-0.23	(0.04)	0.26	(0.05)	0.00	(0.04)	-0.02	(0.06)	0.02	(0.05)	
Sweden	0.02	(0.07)	-0.11	(0.12)	0.13	(0.10)	-0.01	(0.08)	0.08	(0.12)	-0.09	(0.11)	
Switzerland	0.01	(0.08)	-0.04	(0.09)	0.05	(0.04)	0.00	(0.06)	-0.01	(0.07)	0.01	(0.05)	
Turkey	-0.01	(0.06)	c	c	c	c	0.00	(0.09)	c	c	c	c	
United Kingdom	0.04	(0.06)	-0.35	(0.14)	0.39	(0.13)	-0.03	(0.06)	0.24	(0.13)	-0.27	(0.14)	
United States	-0.07	(0.07)	0.29	(0.15)	-0.36	(0.13)	-0.04	(0.08)	0.14	(0.11)	-0.17	(0.11)	
OECD average	0.01	(0.01)	-0.07	(0.02)	0.08	(0.02)	0.00	(0.01)	0.02	(0.02)	-0.02	(0.02)	
Partners	Albania	0.00	(0.07)	c	c	c	c	0.00	(0.06)	c	c	c	c
	Argentina	0.00	(0.07)	0.00	(0.15)	0.00	(0.10)	0.00	(0.07)	-0.11	(0.12)	0.11	(0.12)
	Azerbaijan	-0.01	(0.08)	0.24	(0.17)	-0.25	(0.15)	-0.01	(0.10)	0.14	(0.24)	-0.15	(0.23)
	Brazil	-0.01	(0.05)	0.07	(0.22)	-0.08	(0.20)	-0.01	(0.05)	0.31	(0.18)	-0.33	(0.17)
	Bulgaria	0.01	(0.10)	c	c	c	c	0.00	(0.10)	c	c	c	c
	Colombia	-0.01	(0.08)	0.39	(0.28)	-0.40	(0.27)	0.00	(0.09)	0.51	(0.23)	-0.51	(0.22)
	Croatia	0.01	(0.08)	-0.03	(0.09)	0.04	(0.07)	-0.01	(0.07)	0.10	(0.12)	-0.12	(0.09)
	Dubai (UAE)	-0.39	(0.01)	0.15	(0.01)	-0.54	(0.02)	0.36	(0.02)	-0.13	(0.01)	0.49	(0.02)
	Hong Kong-China	-0.04	(0.06)	0.07	(0.07)	-0.11	(0.06)	-0.03	(0.09)	0.04	(0.09)	-0.06	(0.05)
	Indonesia	0.00	(0.08)	c	c	c	c	0.00	(0.08)	c	c	c	c
	Jordan	-0.07	(0.07)	0.40	(0.13)	-0.47	(0.09)	-0.01	(0.08)	0.05	(0.12)	-0.06	(0.09)
	Kazakhstan	-0.01	(0.06)	0.07	(0.13)	-0.09	(0.13)	-0.02	(0.08)	0.13	(0.15)	-0.15	(0.14)
	Kyrgyzstan	-0.01	(0.06)	0.52	(0.16)	-0.53	(0.15)	0.00	(0.09)	0.14	(0.13)	-0.14	(0.13)
	Latvia	-0.01	(0.07)	0.18	(0.15)	-0.19	(0.14)	0.00	(0.08)	0.13	(0.19)	-0.13	(0.17)
	Liechtenstein	-0.01	(0.04)	0.02	(0.08)	-0.03	(0.12)	0.05	(0.04)	-0.11	(0.08)	0.17	(0.12)
	Lithuania	0.00	(0.06)	-0.20	(0.15)	0.20	(0.14)	0.00	(0.08)	-0.19	(0.16)	0.19	(0.15)
	Macao-China	-0.02	(0.02)	0.01	(0.01)	-0.04	(0.03)	0.06	(0.02)	-0.03	(0.01)	0.09	(0.03)
	Montenegro	-0.02	(0.02)	0.37	(0.05)	-0.38	(0.06)	-0.01	(0.02)	0.09	(0.08)	-0.10	(0.08)
	Panama	0.01	(0.07)	0.11	(0.17)	-0.10	(0.14)	0.03	(0.10)	0.12	(0.17)	-0.10	(0.19)
	Peru	0.01	(0.07)	c	c	c	c	-0.01	(0.07)	c	c	c	c
	Qatar	-0.28	(0.01)	0.33	(0.01)	-0.61	(0.02)	0.14	(0.01)	-0.15	(0.01)	0.29	(0.02)
	Romania	0.00	(0.06)	c	c	c	c	0.01	(0.08)	c	c	c	c
	Russian Federation	0.01	(0.06)	-0.09	(0.09)	0.10	(0.06)	0.00	(0.08)	-0.03	(0.12)	0.03	(0.08)
	Serbia	0.01	(0.06)	-0.01	(0.04)	0.02	(0.07)	0.00	(0.08)	0.00	(0.10)	-0.01	(0.07)
	Shanghai-China	0.00	(0.06)	c	c	c	c	0.00	(0.08)	c	c	c	c
	Singapore	0.02	(0.02)	-0.15	(0.04)	0.17	(0.04)	0.02	(0.01)	-0.08	(0.05)	0.10	(0.06)
	Chinese Taipei	0.00	(0.06)	c	c	c	c	0.00	(0.08)	c	c	c	c
	Thailand	0.00	(0.05)	c	c	c	c	0.00	(0.08)	c	c	c	c
Trinidad and Tobago	0.02	(0.01)	-0.39	(0.09)	0.42	(0.09)	-0.01	(0.01)	-0.10	(0.10)	0.10	(0.10)	
Tunisia	0.00	(0.08)	c	c	c	c	0.00	(0.08)	c	c	c	c	
Uruguay	0.00	(0.06)	c	c	c	c	0.00	(0.05)	c	c	c	c	

Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 1/1]
Between- and within-school variance in reading performance

Table II.5.1 Results based on students' self-reports

	Total variance in student performance ²	Variance in student performance between schools	Variance in student performance within schools	Variance expressed as a percentage of the average variance in student performance across OECD countries ¹										Index of academic inclusion ³		
				Total variance in student performance expressed as a percentage of the average variance in student performance across OECD countries ¹			Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		Proportion of variance in student performance within schools	
				Between-school	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school	Within-school			
OECD	9 783	2 692	7 631	112.9	31.1	88.1	13.5	5.4	21.0	5.3	3.6	2.4	20.9	8.2	73.9	
Australia	10 028	5 588	4 454	115.8	64.5	51.4	2.5	1.3	32.8	1.2	51.1	0.4	53.6	1.6	44.4	
Austria	10 360	5 343	4 833	119.6	61.7	55.8	-3.2	1.9	40.4	1.9	49.6	13.6	54.1	14.4	47.5	
Belgium	8 163	1 877	6 780	94.2	21.7	78.3	6.2	3.6	9.6	3.4	2.1	3.0	10.0	6.1	78.3	
Canada	6 833	4 893	4 005	78.9	56.5	46.2	13.8	0.5	38.9	0.5	30.8	1.2	47.8	1.8	45.0	
Chile	8 516	4 249	4 428	98.3	49.0	51.1	3.4	0.9	32.6	0.7	38.7	0.0	41.3	1.0	51.0	
Czech Republic	6 987	1 134	6 012	80.6	13.1	69.4	6.5	6.5	9.0	6.7	2.1	0.3	9.4	6.9	84.1	
Denmark	6 933	1 557	5 595	80.0	18.0	64.6	4.3	1.7	8.2	1.5	1.7	1.1	8.1	2.6	78.2	
Estonia	7 467	665	6 993	86.2	7.7	80.7	1.7	5.4	1.8	5.5	0.0	0.0	1.8	5.5	91.3	
Finland	w	w	w	w	w	w	w	w	w	w	w	w	w	w	w	
France	8 978	5 890	3 890	103.6	68.0	44.9	4.4	0.2	45.7	0.1	55.5	1.8	57.0	1.8	39.8	
Germany	9 054	4 745	5 558	104.5	54.8	64.2	9.9	1.8	21.8	1.7	35.7	-0.4	39.5	1.4	53.9	
Greece	8 133	5 846	2 923	93.9	67.5	33.7	8.6	0.3	43.9	0.2	47.5	-0.1	54.9	0.1	33.3	
Hungary	9 211	1 348	8 186	106.3	15.6	94.5	3.4	5.5	3.7	5.5	5.0	0.2	7.3	5.6	85.9	
Iceland	9 053	2 805	6 966	104.5	32.4	80.4	13.5	4.1	18.9	4.2	3.1	4.7	19.2	9.0	71.3	
Ireland	12 438	6 250	6 615	143.6	72.1	76.4	8.3	4.4	30.9	4.5	5.5	1.5	40.7	5.8	51.4	
Israel	9 193	6 695	4 085	106.1	77.3	47.2	5.9	0.4	33.7	0.3	45.3	0.2	47.3	0.6	37.9	
Italy	10 072	5 087	5 386	116.3	58.7	62.2	-4.2	0.7	30.5	0.7	-5.1	-0.4	33.9	0.6	51.4	
Japan	6 271	2 741	5 283	72.4	31.6	61.0	7.9	2.2	16.8	2.2	12.4	-0.1	24.2	2.2	65.8	
Korea	10 759	5 335	6 906	124.2	61.6	79.7	33.3	4.2	50.5	4.1	56.8	24.8	57.7	25.9	56.4	
Luxembourg	7 158	3 583	3 869	82.6	41.4	44.7	4.3	-0.1	15.2	0.0	14.1	-0.2	20.6	-0.1	51.9	
Mexico	7 857	5 107	2 795	90.7	59.0	32.3	3.2	0.7	26.7	0.7	51.1	5.1	51.6	5.6	35.4	
Netherlands	10 575	2 622	8 228	122.1	30.3	95.0	15.1	9.2	21.8	9.3	0.8	1.7	21.8	10.9	75.8	
New Zealand	8 310	874	7 598	95.9	10.1	87.7	2.0	5.3	2.7	5.4	0.5	0.4	2.9	5.6	89.7	
Norway	7 950	1 585	6 869	91.8	18.3	79.3	10.0	7.7	12.0	7.9	3.3	0.3	12.3	8.0	81.2	
Poland	7 534	2 565	5 191	87.0	29.6	59.9	9.6	3.6	17.4	3.5	20.1	14.5	23.3	15.8	66.9	
Portugal	8 135	2 989	4 565	93.9	34.5	52.7	7.3	1.9	19.4	1.8	19.6	1.0	26.7	2.8	60.4	
Slovak Republic	8 260	4 142	3 102	95.3	47.8	35.8	1.1	0.7	20.0	0.6	38.2	0.0	38.5	0.5	42.8	
Slovenia	7 658	1 690	6 048	88.4	19.5	69.8	7.0	5.0	9.5	5.0	0.0	0.0	9.5	5.0	78.2	
Spain	9 729	1 877	8 290	112.3	21.7	95.7	10.0	10.7	14.7	10.7	3.0	0.2	15.1	10.8	81.5	
Sweden	8 735	2 740	5 652	100.8	31.6	65.2	7.1	3.1	15.4	3.0	9.6	0.2	19.3	3.3	67.4	
Switzerland	6 714	6 536	3 245	77.5	75.4	37.5	13.8	0.8	51.7	0.8	64.4	1.3	67.4	2.2	33.2	
Turkey	9 096	2 775	6 684	105.0	32.0	77.2	15.0	4.6	24.7	4.6	2.7	-0.3	25.9	4.8	70.7	
United Kingdom	9 330	3 638	6 476	107.7	42.0	74.8	17.4	2.9	31.8	2.8	9.8	3.8	33.7	6.4	64.0	
United States	8 718	3 616	5 591	100.6	41.7	64.5	8.5	3.2	23.8	3.2	21.2	2.6	30.7	5.5	61.4	
OECD average																
Partners																
Albania	9 969	3 127	7 105	115.1	36.1	82.0	11.1	2.4	19.5	2.3	3.5	0.1	20.7	2.6	69.4	
Argentina	11 714	8 456	5 523	135.2	97.6	63.7	16.1	0.7	57.7	0.6	29.0	4.3	70.3	4.5	39.5	
Azerbaijan	5 702	2 490	3 459	65.8	28.7	39.9	1.8	0.5	3.8	0.5	1.0	0.6	4.8	1.0	58.2	
Brazil	8 838	4 417	4 702	102.0	51.0	54.3	3.8	-0.2	27.6	-0.1	21.6	3.3	37.5	3.5	51.6	
Bulgaria	12 823	6 418	6 439	148.0	74.1	74.3	2.2	2.5	48.3	2.3	26.3	2.0	50.5	4.2	50.1	
Colombia	7 495	3 162	4 813	86.5	36.5	55.6	12.6	0.5	28.0	0.6	8.5	9.0	28.7	9.4	60.4	
Croatia	7 669	4 045	4 473	88.5	46.7	51.6	6.4	0.6	23.1	0.7	37.6	10.2	37.9	10.4	52.5	
Dubai (UAE)	11 390	5 732	5 439	131.5	66.2	62.8	2.3	2.4	22.8	2.5	5.5	3.6	26.3	5.3	48.7	
Hong Kong-China	7 058	3 143	4 360	81.5	36.3	50.3	1.8	0.2	7.0	0.2	4.1	3.4	9.3	3.5	58.1	
Indonesia	4 418	1 749	2 298	51.0	20.2	26.5	1.2	0.0	4.2	0.0	5.1	0.0	6.6	0.0	56.8	
Jordan	8 243	3 312	5 461	95.2	38.2	63.0	6.9	4.2	8.1	4.2	0.0	0.0	8.1	4.2	62.2	
Kazakhstan	8 285	2 887	5 078	95.6	33.3	58.6	6.4	2.1	12.5	2.1	-0.6	1.0	11.3	3.1	63.8	
Kyrgyzstan	9 752	3 266	5 901	112.6	37.7	68.1	9.1	2.4	19.3	2.4	3.9	0.8	21.0	3.2	64.4	
Latvia	6 394	1 391	5 200	73.8	16.1	60.0	5.3	2.4	8.1	2.2	2.1	0.8	9.3	3.4	78.9	
Liechtenstein	6 896	2 944	3 453	79.6	34.0	39.9	4.4	0.8	23.2	0.8	7.5	1.0	23.6	1.7	54.0	
Lithuania	7 472	1 864	5 190	86.3	21.5	59.9	5.4	2.4	10.4	2.4	7.5	0.0	11.7	2.4	73.6	
Macao-China	5 799	2 882	4 179	66.9	33.3	48.2	8.3	0.2	11.7	0.2	15.0	6.3	15.9	6.5	59.2	
Montenegro	8 634	3 150	5 587	99.7	36.4	64.5	8.5	1.3	25.6	1.3	23.6	7.3	26.8	8.0	63.9	
Panama	9 860	5 942	4 213	113.8	68.6	48.6	2.0	0.5	33.4	0.5	14.0	1.7	42.6	2.0	41.5	
Peru	9 670	5 886	4 623	111.6	67.9	53.4	13.9	0.6	49.5	0.7	18.9	5.2	54.7	5.6	44.0	
Qatar	13 313	6 676	5 891	153.7	77.1	68.0	0.3	1.0	13.1	1.1	33.5	2.5	35.9	3.1	46.9	
Romania	8 105	4 057	3 832	93.6	46.8	44.2	7.4	1.0	17.5	1.1	14.2	0.1	25.4	1.2	48.6	
Russian Federation	8 050	1 965	5 826	92.9	22.7	67.3	6.1	2.3	9.4	2.3	2.5	3.9	8.9	5.5	74.8	
Serbia	7 018	3 909	4 123	81.0	45.1	47.6	4.8	0.6	22.8	0.4	25.7	4.0	29.1	4.2	51.3	
Shanghai-China	6 427	2 551	4 095	74.2	29.4	47.3	4.8	0.0	20.3	0.0	11.5	0.1	23.7	0.4	61.6	
Singapore	9 499	3 387	6 195	109.6	39.1	71.5	11.2	4.6	23.6	4.6	3.0	2.1	24.6	7.1	64.7	
Chinese Taipei	7 446	2 772	5 808	85.9	32.0	67.0	9.7	3.8	16.3	3.8	11.7	-0.1	19.3	4.2	67.7	
Thailand	5 164	1 231	3 052	59.6	14.2	35.2	1.2	0.1	3.3	0.1	3.2	0.9	5.0	1.1	71.3	
Trinidad and Tobago	12 755	8 320	5 148	147.2	96.0	59.4	0.4	1.3	56.3	1.3	36.4	6.9	71.4	7.6	38.2	
Tunisia	7 253	3 034	4 291	83.7	35.0	49.5	-1.2	-0.1	6.5	-0.1	27.9	2.2	30.1	2.3	58.6	
Uruguay	9 859	4 807	5 835	113.8	55.5	67.3	21.1	2.2	41.5	2.2	39.3	8.0	48.2	9.6	54.8	

1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.

2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.

3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.

4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).

5. The index of academic inclusion is calculated as $100(1-\rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variance in student performance between schools, divided by the sum of the variance in student performance between schools and the variance in student performance within schools.

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[Part 1/2]

Decomposition of the gradient of the PISA index of economic, social and cultural status (ESCS) into between- and within-school components¹**Table II.5.2 Results based on students' self-reports**

	Overall effect of ESCS ²		Within-school effects of ESCS ³			Student variability in the distribution of ESCS						
	Score point difference associated with one unit increase in the ESCS	S.E.	Student-level score point difference associated with one unit increase in the student-level ESCS	S.E.	Explained within-school variance	25th percentile of the student distribution of ESCS	S.E.	75th percentile of the student distribution of ESCS	S.E.	Interquartile range of the distribution of the student-level ESCS	S.E.	
OECD												
Australia	46	(1.8)	30	(1.9)	6.1	-0.19	(0.01)	0.90	(0.02)	1.09	(0.01)	
Austria	48	(2.3)	10	(2.0)	2.3	-0.49	(0.02)	0.58	(0.02)	1.08	(0.02)	
Belgium	47	(1.5)	13	(1.4)	3.4	-0.46	(0.02)	0.92	(0.03)	1.38	(0.03)	
Canada	32	(1.4)	21	(1.4)	4.3	-0.05	(0.02)	1.12	(0.01)	1.17	(0.02)	
Chile	31	(1.5)	8	(1.8)	1.1	-1.38	(0.04)	0.26	(0.05)	1.64	(0.04)	
Czech Republic	46	(2.3)	14	(2.0)	1.4	-0.58	(0.02)	0.38	(0.02)	0.96	(0.02)	
Denmark	36	(1.4)	28	(1.7)	9.7	-0.31	(0.02)	0.94	(0.02)	1.25	(0.02)	
Estonia	29	(2.3)	16	(2.1)	2.3	-0.46	(0.02)	0.76	(0.03)	1.22	(0.03)	
Finland	31	(1.7)	28	(2.0)	6.8	-0.16	(0.02)	0.98	(0.02)	1.14	(0.02)	
France	w	w	w	w	w	w	w	w	w	w	w	
Germany	44	(1.9)	10	(1.6)	0.1	-0.41	(0.02)	0.79	(0.03)	1.20	(0.02)	
Greece	34	(2.4)	14	(1.8)	2.6	-0.73	(0.03)	0.74	(0.05)	1.48	(0.03)	
Hungary	48	(2.2)	7	(1.7)	0.5	-0.85	(0.02)	0.49	(0.04)	1.34	(0.04)	
Iceland	27	(1.8)	24	(1.8)	5.8	0.09	(0.02)	1.40	(0.02)	1.31	(0.03)	
Ireland	39	(2.0)	27	(2.2)	5.2	-0.55	(0.02)	0.66	(0.04)	1.21	(0.03)	
Israel	43	(2.4)	18	(2.3)	5.8	-0.56	(0.03)	0.63	(0.03)	1.19	(0.03)	
Italy	32	(1.3)	5	(0.8)	0.7	-0.86	(0.01)	0.55	(0.02)	1.41	(0.01)	
Japan	40	(2.8)	5	(2.7)	1.1	-0.55	(0.02)	0.53	(0.02)	1.08	(0.02)	
Korea	32	(2.5)	20	(2.9)	3.6	-0.72	(0.03)	0.44	(0.03)	1.16	(0.02)	
Luxembourg	40	(1.3)	21	(3.0)	5.2	-0.52	(0.02)	1.01	(0.02)	1.53	(0.02)	
Mexico	25	(1.0)	3	(0.9)	0.0	-2.23	(0.02)	-0.23	(0.05)	2.00	(0.04)	
Netherlands	37	(1.9)	5	(1.5)	2.2	-0.31	(0.03)	0.93	(0.03)	1.24	(0.03)	
New Zealand	52	(1.9)	36	(2.9)	9.7	-0.44	(0.01)	0.65	(0.02)	1.09	(0.02)	
Norway	36	(2.1)	28	(2.8)	6.1	-0.03	(0.02)	1.00	(0.02)	1.02	(0.02)	
Poland	39	(1.9)	31	(2.2)	9.9	-0.90	(0.01)	0.22	(0.05)	1.12	(0.05)	
Portugal	30	(1.6)	17	(1.3)	5.9	-1.24	(0.03)	0.45	(0.08)	1.69	(0.06)	
Slovak Republic	41	(2.3)	17	(2.1)	3.4	-0.67	(0.02)	0.38	(0.05)	1.05	(0.04)	
Slovenia	39	(1.5)	2	(1.1)	1.7	-0.59	(0.01)	0.77	(0.03)	1.36	(0.03)	
Spain	29	(1.5)	21	(1.0)	7.2	-1.14	(0.03)	0.50	(0.05)	1.64	(0.04)	
Sweden	43	(2.2)	34	(2.2)	11.1	-0.21	(0.03)	0.93	(0.02)	1.14	(0.03)	
Switzerland	40	(2.1)	20	(1.6)	4.6	-0.53	(0.03)	0.71	(0.04)	1.24	(0.03)	
Turkey	29	(1.5)	8	(1.5)	2.2	-2.09	(0.04)	-0.31	(0.06)	1.78	(0.04)	
United Kingdom	44	(1.9)	27	(2.0)	6.0	-0.35	(0.02)	0.76	(0.02)	1.11	(0.02)	
United States	42	(2.3)	23	(2.9)	3.8	-0.45	(0.05)	0.86	(0.05)	1.31	(0.04)	
OECD average	38	(0.3)	18	(0.3)	4.3	-0.64	(0.00)	0.65	(0.01)	1.29	(0.01)	
Partners												
Albania	31	(2.6)	13	(2.6)	2.8	-1.68	(0.04)	-0.24	(0.05)	1.45	(0.04)	
Argentina	40	(2.3)	9	(1.7)	0.9	-1.50	(0.06)	0.25	(0.07)	1.74	(0.05)	
Azerbaijan	21	(2.3)	8	(1.7)	1.3	-1.39	(0.03)	0.09	(0.05)	1.48	(0.05)	
Brazil	28	(1.4)	3	(1.2)	-0.2	-2.10	(0.04)	-0.30	(0.04)	1.80	(0.03)	
Bulgaria	51	(2.8)	11	(2.3)	3.1	-0.77	(0.04)	0.61	(0.06)	1.38	(0.04)	
Colombia	28	(1.8)	9	(1.5)	1.1	-2.11	(0.07)	-0.20	(0.05)	1.91	(0.06)	
Croatia	32	(2.0)	10	(2.0)	1.3	-0.78	(0.02)	0.40	(0.04)	1.18	(0.03)	
Dubai (UAE)	51	(1.4)	19	(2.0)	4.0	0.06	(0.01)	0.95	(0.01)	0.89	(0.01)	
Hong Kong-China	17	(2.2)	3	(1.5)	0.4	-1.51	(0.03)	-0.12	(0.05)	1.39	(0.03)	
Indonesia	17	(2.4)	1	(1.1)	0.1	-2.39	(0.06)	-0.77	(0.08)	1.62	(0.06)	
Jordan	24	(2.1)	18	(1.7)	6.7	-1.29	(0.03)	0.25	(0.05)	1.54	(0.04)	
Kazakhstan	38	(2.8)	19	(2.4)	3.6	-1.11	(0.03)	0.09	(0.04)	1.20	(0.03)	
Kyrgyzstan	40	(2.9)	16	(1.8)	3.5	-1.33	(0.03)	0.06	(0.04)	1.39	(0.03)	
Latvia	29	(2.6)	19	(2.6)	3.6	-0.83	(0.02)	0.56	(0.04)	1.38	(0.03)	
Liechtenstein	26	(5.0)	3	(2.9)	2.1	-0.57	(0.09)	0.81	(0.09)	1.38	(0.13)	
Lithuania	33	(1.9)	16	(1.8)	4.0	-0.82	(0.04)	0.76	(0.02)	1.58	(0.03)	
Macao-China	12	(1.2)	6	(2.0)	0.3	-1.29	(0.01)	-0.14	(0.01)	1.15	(0.01)	
Montenegro	31	(1.4)	11	(1.6)	2.0	-0.91	(0.02)	0.43	(0.03)	1.34	(0.03)	
Panama	31	(3.6)	3	(2.5)	1.0	-1.81	(0.11)	0.26	(0.13)	2.07	(0.11)	
Peru	41	(2.0)	8	(1.6)	1.2	-2.21	(0.06)	-0.44	(0.07)	1.77	(0.07)	
Qatar	25	(1.2)	7	(1.5)	1.6	0.01	(0.01)	1.12	(0.00)	1.11	(0.01)	
Romania	36	(2.8)	10	(2.0)	2.5	-0.91	(0.03)	0.21	(0.05)	1.12	(0.04)	
Russian Federation	37	(2.5)	21	(2.2)	3.3	-0.83	(0.02)	0.42	(0.04)	1.25	(0.02)	
Serbia	27	(1.6)	6	(1.9)	0.8	-0.61	(0.02)	0.74	(0.03)	1.35	(0.03)	
Shanghai-China	27	(2.1)	4	(1.6)	0.1	-1.27	(0.05)	0.35	(0.05)	1.61	(0.05)	
Singapore	47	(1.7)	26	(2.0)	6.4	-0.97	(0.02)	0.16	(0.01)	1.12	(0.02)	
Chinese Taipei	36	(2.4)	21	(2.1)	5.6	-0.89	(0.03)	0.23	(0.02)	1.12	(0.03)	
Thailand	22	(1.8)	2	(1.6)	0.2	-2.29	(0.02)	-0.44	(0.07)	1.85	(0.06)	
Trinidad and Tobago	38	(1.7)	2	(1.6)	2.2	-1.17	(0.02)	0.05	(0.02)	1.21	(0.02)	
Tunisia	19	(1.8)	2	(1.6)	-0.2	-2.26	(0.05)	-0.24	(0.05)	2.01	(0.04)	
Uruguay	37	(1.5)	15	(1.5)	3.3	-1.64	(0.02)	0.20	(0.06)	1.84	(0.05)	

1. In some countries, sub-units within schools were sampled instead of schools as administrative units and this may affect the estimation of school-level effects (see Annex A2).


2. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

3. Two-level regression of reading performance on student ESCS and school mean ESCS: within-school slope for ESCS and explained variance at the student level by the model.

4. Two-level regression of reading performance on student ESCS and school mean ESCS: between-school slope for ESCS and explained variance at the school level by the model.

5. Distribution of the school mean ESCS, percentiles calculated at student-level.

6. The index of social inclusion is calculated as $100*(1-\rho)$, where ρ stands for the intra-class correlation of socio-economic background, i.e. the variance in the PISA index of social, economic and cultural status of students between schools, divided by the sum of the variance in students' socio-economic background between schools and the variance in students' socio-economic background within schools.

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[Part 2/2]

Decomposition of the gradient of the PISA index of economic, social and cultural status (ESCS) into between- and within-school components¹

Table II.5.2 Results based on students' self-reports

	Between-school effects of ESCS ⁴			School variability in the distribution of ESCS ⁵					Index of social inclusion ⁶	
	School-level score point difference associated with one unit increase in the school mean ESCS	S.E.	Explained between-school variance	25th percentile of the school mean distribution of ESCS	S.E.	75th percentile of the school mean distribution of ESCS	S.E.	Interquartile range of the distribution of the school mean ESCS	S.E.	Proportion of ESCS variance within schools
OECD										
Australia	66	(6.2)	67.6	0.04	(0.03)	0.58	(0.02)	0.55	(0.03)	76.4
Austria	80	(13.2)	50.9	-0.22	(0.03)	0.38	(0.04)	0.61	(0.05)	69.2
Belgium	111	(6.1)	65.5	-0.19	(0.02)	0.63	(0.04)	0.82	(0.04)	69.8
Canada	32	(6.7)	44.2	0.26	(0.01)	0.76	(0.02)	0.50	(0.02)	82.4
Chile	50	(4.3)	69.0	-1.10	(0.04)	-0.04	(0.06)	1.06	(0.07)	48.6
Czech Republic	123	(7.7)	66.5	-0.33	(0.02)	0.12	(0.06)	0.45	(0.07)	75.1
Denmark	42	(5.9)	69.1	0.02	(0.04)	0.57	(0.03)	0.55	(0.04)	83.6
Estonia	41	(12.5)	45.6	-0.11	(0.02)	0.38	(0.04)	0.50	(0.04)	81.5
Finland	19	(10.3)	23.2	0.15	(0.01)	0.58	(0.05)	0.43	(0.05)	89.2
France	w	w	w	w	w	w	w	w	w	w
Germany	122	(8.4)	67.2	-0.16	(0.04)	0.55	(0.05)	0.71	(0.06)	76.0
Greece	44	(10.7)	39.8	-0.34	(0.05)	0.31	(0.08)	0.66	(0.08)	68.0
Hungary	76	(7.3)	65.0	-0.62	(0.04)	0.23	(0.02)	0.85	(0.05)	54.2
Iceland	11	(11.3)	23.6	0.47	(0.00)	1.03	(0.00)	0.55	(0.00)	82.8
Ireland	53	(7.7)	58.5	-0.25	(0.05)	0.25	(0.04)	0.50	(0.06)	76.7
Israel	102	(14.1)	42.9	-0.35	(0.06)	0.33	(0.03)	0.68	(0.06)	76.7
Italy	67	(11.1)	43.5	-0.56	(0.02)	0.30	(0.02)	0.85	(0.03)	73.9
Japan	137	(15.5)	51.9	-0.30	(0.02)	0.28	(0.04)	0.58	(0.05)	78.2
Korea	62	(8.7)	53.2	-0.49	(0.06)	0.09	(0.04)	0.58	(0.06)	74.1
Luxembourg	65	(9.6)	82.0	-0.18	(0.00)	0.64	(0.00)	0.82	(0.00)	73.3
Mexico	30	(3.3)	36.7	-1.83	(0.04)	-0.68	(0.04)	1.15	(0.05)	56.2
Netherlands	93	(16.2)	45.2	0.04	(0.05)	0.54	(0.02)	0.50	(0.05)	76.2
New Zealand	61	(9.3)	72.1	-0.19	(0.04)	0.37	(0.02)	0.56	(0.04)	78.9
Norway	31	(14.7)	26.6	0.31	(0.03)	0.62	(0.03)	0.31	(0.04)	91.2
Poland	29	(5.7)	65.4	-0.61	(0.05)	-0.07	(0.03)	0.54	(0.05)	73.3
Portugal	40	(5.7)	58.9	-0.81	(0.05)	-0.01	(0.05)	0.80	(0.06)	73.2
Slovak Republic	72	(12.0)	56.2	-0.40	(0.03)	0.18	(0.04)	0.58	(0.05)	76.6
Slovenia	77	(11.3)	41.8	-0.29	(0.00)	0.41	(0.00)	0.70	(0.00)	75.0
Spain	25	(3.9)	48.4	-0.76	(0.03)	0.02	(0.04)	0.78	(0.04)	77.1
Sweden	52	(10.1)	67.9	0.10	(0.04)	0.52	(0.02)	0.42	(0.04)	85.7
Switzerland	66	(11.6)	48.6	-0.21	(0.02)	0.37	(0.06)	0.58	(0.05)	85.4
Turkey	60	(7.4)	68.5	-1.65	(0.09)	-0.71	(0.07)	0.94	(0.10)	63.5
United Kingdom	69	(7.0)	77.1	-0.07	(0.03)	0.45	(0.03)	0.53	(0.04)	81.6
United States	63	(12.1)	75.7	-0.23	(0.04)	0.51	(0.06)	0.73	(0.05)	70.7
OECD average	63	(1.7)	55.1	-0.33	(0.01)	0.31	(0.01)	0.65	(0.01)	74.8
Partners										
Albania	39	(7.4)	54.0	-1.34	(0.07)	-0.59	(0.07)	0.75	(0.09)	67.7
Argentina	69	(5.5)	59.1	-1.18	(0.05)	-0.04	(0.05)	1.14	(0.07)	59.8
Azerbaijan	25	(7.5)	13.2	-1.08	(0.04)	-0.20	(0.05)	0.88	(0.07)	72.0
Brazil	53	(3.8)	54.2	-1.70	(0.06)	-0.82	(0.05)	0.88	(0.07)	64.7
Bulgaria	81	(7.7)	65.2	-0.46	(0.11)	0.26	(0.08)	0.72	(0.12)	57.9
Colombia	41	(3.7)	76.7	-1.76	(0.06)	-0.63	(0.08)	1.14	(0.10)	60.2
Croatia	69	(14.4)	49.4	-0.50	(0.03)	0.06	(0.03)	0.57	(0.04)	77.2
Dubai (UAE)	80	(9.2)	34.5	0.05	(0.00)	0.81	(0.00)	0.77	(0.00)	62.4
Hong Kong-China	33	(15.0)	19.4	-1.20	(0.02)	-0.55	(0.06)	0.65	(0.05)	69.9
Indonesia	25	(5.2)	20.8	-2.12	(0.07)	-1.06	(0.23)	1.06	(0.23)	61.3
Jordan	18	(11.2)	21.2	-0.93	(0.02)	-0.34	(0.07)	0.59	(0.07)	76.4
Kazakhstan	50	(7.8)	37.4	-0.79	(0.03)	-0.25	(0.05)	0.55	(0.05)	71.7
Kyrgyzstan	62	(8.6)	51.2	-1.02	(0.02)	-0.37	(0.02)	0.65	(0.03)	72.0
Latvia	30	(8.5)	50.6	-0.47	(0.03)	0.15	(0.04)	0.61	(0.04)	75.4
Liechtenstein	121	(22.0)	68.3	-0.20	(0.00)	0.65	(0.00)	0.84	(0.00)	88.2
Lithuania	43	(6.7)	48.2	-0.38	(0.02)	0.29	(0.03)	0.67	(0.04)	73.7
Macao-China	19	(10.3)	35.3	-0.99	(0.00)	-0.46	(0.00)	0.53	(0.00)	65.2
Montenegro	67	(14.8)	70.4	-0.58	(0.01)	0.14	(0.00)	0.72	(0.01)	77.2
Panama	57	(10.5)	48.7	-1.41	(0.13)	-0.17	(0.17)	1.23	(0.18)	57.7
Peru	59	(4.0)	72.9	-1.96	(0.06)	-0.79	(0.07)	1.17	(0.09)	50.7
Qatar	80	(11.0)	17.0	0.21	(0.00)	0.86	(0.00)	0.65	(0.00)	70.6
Romania	40	(10.0)	37.4	-0.66	(0.03)	-0.02	(0.07)	0.64	(0.07)	65.3
Russian Federation	38	(7.6)	41.5	-0.52	(0.02)	0.05	(0.03)	0.57	(0.03)	71.5
Serbia	53	(21.2)	50.5	-0.28	(0.02)	0.31	(0.06)	0.58	(0.06)	76.6
Shanghai-China	58	(5.1)	69.0	-0.95	(0.07)	-0.05	(0.06)	0.90	(0.09)	66.3
Singapore	86	(12.8)	60.3	-0.68	(0.00)	-0.23	(0.01)	0.46	(0.01)	81.7
Chinese Taipei	52	(21.6)	50.8	-0.63	(0.05)	-0.07	(0.04)	0.55	(0.06)	80.1
Thailand	18	(7.3)	23.3	-1.97	(0.05)	-0.75	(0.09)	1.23	(0.11)	48.9
Trinidad and Tobago	145	(9.6)	58.7	-0.94	(0.00)	-0.28	(0.00)	0.66	(0.01)	77.3
Tunisia	26	(7.6)	18.7	-1.71	(0.09)	-0.75	(0.08)	0.96	(0.10)	67.2
Uruguay	48	(4.8)	74.7	-1.29	(0.04)	-0.36	(0.03)	0.93	(0.05)	59.8

1. In some countries, sub-units within schools were sampled instead of schools as administrative units and this may affect the estimation of school-level effects (see Annex A2).

2. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

3. Two-level regression of reading performance on student ESCS and school mean ESCS: within-school slope for ESCS and explained variance at the student level by the model.

4. Two-level regression of reading performance on student ESCS and school mean ESCS: between-school slope for ESCS and explained variance at the school level by the model.

5. Distribution of the school mean ESCS, percentiles calculated at student-level.

6. The index of social inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of socio-economic background, i.e. the variance in the PISA index of social, economic and cultural status of students between schools, divided by the sum of the variance in students' socio-economic background between schools and the variance in students' socio-economic background within schools.

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[Part 1/1]

Parents' educational support at home at the beginning of primary school and student performance, before and after accounting for socio-economic background


Table II.5.3 Results based on reports from students' parents

		Score point difference between students whose parents often (weekly or daily) undertook the following activities with them when they attended the first year of primary education and students whose parents did not																			
		Read books				Tell stories				Sing songs				Play with alphabet toys				Talk about things parents had done			
		Before accounting for ESCS ¹		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS	
		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	Chile	18	(2.5)	12	(2.4)	28	(3.1)	15	(2.9)	25	(3.8)	12	(3.4)	19	(3.1)	9	(3.1)	22	(3.1)	11	(3.0)
	Denmark	30	(5.4)	17	(5.6)	1	(3.6)	-1	(3.5)	14	(3.6)	8	(3.6)	-10	(3.2)	-9	(3.2)	48	(8.2)	32	(9.7)
	Germany	51	(5.2)	29	(4.8)	7	(4.1)	-1	(3.8)	20	(4.0)	10	(3.4)	-11	(3.8)	-8	(3.4)	46	(6.9)	22	(6.4)
	Hungary	33	(5.5)	19	(4.8)	29	(5.1)	10	(3.6)	10	(3.4)	2	(2.9)	-2	(3.7)	-5	(2.6)	15	(4.6)	-3	(4.2)
	Italy	21	(1.9)	11	(1.8)	29	(2.1)	17	(1.9)	16	(1.8)	9	(1.7)	6	(2.0)	1	(1.9)	45	(4.0)	32	(3.8)
	Korea	25	(3.6)	13	(3.3)	13	(3.2)	4	(3.0)	11	(2.5)	4	(2.3)	2	(2.6)	-2	(2.5)	9	(2.7)	3	(2.6)
	New Zealand	63	(8.7)	44	(8.4)	22	(5.2)	12	(4.6)	20	(4.6)	11	(4.6)	9	(4.5)	4	(4.2)	44	(8.1)	28	(7.2)
	Portugal	23	(3.4)	6	(3.0)	28	(3.4)	10	(3.1)	22	(3.2)	9	(2.9)	17	(3.2)	3	(2.8)	16	(4.2)	1	(4.0)
Partners	Croatia	9	(3.5)	2	(3.2)	12	(3.3)	3	(3.1)	5	(3.2)	0	(3.0)	-7	(3.5)	-10	(3.3)	9	(4.0)	2	(4.0)
	Hong Kong-China	11	(3.1)	1	(3.0)	14	(3.3)	3	(3.1)	7	(2.6)	-1	(2.4)	6	(2.8)	-1	(2.6)	9	(2.6)	3	(2.6)
	Lithuania	4	(3.7)	0	(3.5)	6	(3.3)	-2	(3.5)	0	(2.8)	-2	(2.5)	-12	(3.6)	-10	(3.1)	13	(4.4)	5	(4.0)
	Macao-China	5	(2.0)	2	(2.0)	9	(2.3)	5	(2.4)	5	(2.0)	2	(2.2)	3	(2.1)	-1	(2.2)	9	(2.3)	6	(2.3)
	Panama	22	(8.7)	12	(8.0)	33	(7.6)	20	(7.1)	18	(6.9)	2	(5.5)	34	(8.1)	16	(6.4)	58	(10.2)	35	(8.3)
	Qatar	36	(2.9)	27	(2.9)	49	(2.8)	37	(2.9)	45	(2.7)	36	(2.7)	35	(3.1)	25	(3.1)	30	(3.7)	21	(3.7)

		Score point difference between students whose parents often (weekly or daily) undertook the following activities with them when they attended the first year of primary education and students whose parents did not															
		Talk about what parents had read				Play word games				Write letters or words				Read aloud signs and labels			
		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS	
		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	Chile	16	(2.4)	4	(2.3)	14	(2.6)	5	(2.4)	19	(3.4)	11	(3.2)	22	(2.7)	13	(2.6)
	Denmark	11	(4.5)	7	(4.5)	10	(3.5)	6	(3.3)	5	(4.0)	1	(3.7)	9	(4.1)	3	(3.8)
	Germany	17	(3.8)	6	(3.2)	7	(3.7)	-1	(3.5)	3	(6.6)	-3	(5.4)	22	(4.3)	10	(4.1)
	Hungary	18	(4.2)	8	(3.7)	8	(3.7)	3	(2.8)	-2	(5.7)	-1	(4.9)	11	(4.5)	2	(3.2)
	Italy	20	(1.8)	11	(1.7)	20	(2.1)	12	(1.9)	23	(2.2)	14	(2.0)	22	(2.1)	14	(1.9)
	Korea	12	(2.7)	4	(2.6)	10	(2.8)	3	(2.6)	15	(3.3)	7	(3.0)	8	(2.7)	1	(2.5)
	New Zealand	22	(4.1)	16	(3.8)	22	(4.1)	12	(3.7)	37	(6.1)	23	(5.8)	39	(4.5)	22	(4.1)
	Portugal	16	(2.9)	4	(2.7)	15	(2.6)	3	(2.5)	19	(3.4)	6	(3.2)	14	(3.5)	3	(3.2)
Partners	Croatia	5	(3.5)	-1	(3.3)	10	(3.1)	1	(2.9)	-7	(6.5)	-10	(5.6)	6	(3.8)	-1	(3.3)
	Hong Kong-China	-1	(3.5)	-6	(3.5)	3	(3.0)	-5	(2.8)	13	(2.8)	5	(2.6)	8	(2.9)	0	(2.9)
	Lithuania	3	(3.2)	1	(3.0)	-2	(3.0)	-3	(2.7)	-12	(4.9)	-11	(4.1)	-1	(3.6)	-5	(3.3)
	Macao-China	2	(2.7)	-1	(2.7)	3	(2.6)	0	(2.7)	6	(2.5)	2	(2.6)	0	(2.0)	-3	(2.1)
	Panama	29	(9.7)	16	(8.5)	14	(6.3)	7	(6.4)	13	(9.2)	7	(8.8)	21	(7.4)	11	(6.7)
	Qatar	21	(3.2)	14	(3.1)	24	(3.3)	16	(3.2)	42	(3.5)	32	(3.6)	37	(3.4)	26	(3.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS: PISA index of economic, social and cultural status.

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[Part 1/1]

Parents' educational support at home at age 15 and student performance, before and after accounting for socio-economic background


Table II.5.4 Results based on reports from students' parents

		Score point difference between students whose parents often (weekly or daily) do the following things with them and students whose parents do not															
		Discuss political or social issues				Discuss books, films or television programmes				Discuss how well their child is doing at school				Eat (the main meal) with their child around the table			
		Before accounting for ESCS ¹		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS	
		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	Chile	38	(2.3)	21	(2.0)	23	(3.1)	15	(2.6)	20	(4.6)	6	(5.0)	10	(5.2)	-2	(4.6)
	Denmark	26	(4.1)	15	(3.9)	22	(3.9)	15	(3.9)	3	(6.4)	1	(6.5)	2	(9.1)	-14	(8.8)
	Germany	31	(3.5)	13	(3.1)	17	(3.9)	8	(3.4)	-4	(5.6)	-5	(5.1)	36	(10.4)	18	(9.2)
	Hungary	21	(4.1)	6	(3.4)	7	(5.7)	6	(4.5)	-1	(11.6)	-5	(9.9)	-2	(6.7)	-6	(5.8)
	Italy	42	(2.1)	27	(2.0)	27	(2.5)	20	(2.4)	29	(4.8)	16	(4.6)	30	(6.9)	21	(6.1)
	Korea	22	(3.6)	15	(3.2)	9	(2.5)	6	(2.4)	17	(3.0)	9	(2.6)	27	(7.4)	19	(6.5)
	New Zealand	32	(3.9)	17	(3.2)	27	(5.0)	16	(4.1)	2	(5.3)	-2	(5.0)	1	(4.9)	-6	(4.4)
	Portugal	37	(3.5)	17	(2.9)	27	(3.6)	13	(3.3)	-2	(5.9)	-11	(5.5)	38	(11.1)	26	(10.1)
Partners	Croatia	26	(2.9)	15	(2.7)	18	(3.5)	10	(3.3)	9	(7.9)	3	(7.6)	-23	(6.0)	-18	(5.9)
	Hong Kong-China	15	(3.1)	9	(2.9)	10	(2.9)	6	(2.8)	14	(3.3)	5	(2.9)	27	(7.1)	21	(7.1)
	Lithuania	22	(2.6)	12	(2.4)	4	(3.3)	0	(3.1)	26	(8.4)	9	(7.9)	5	(7.1)	-4	(6.1)
	Macao-China	14	(2.1)	11	(2.0)	9	(2.0)	6	(2.1)	3	(2.5)	-1	(2.5)	28	(3.9)	26	(4.0)
	Panama	38	(6.8)	18	(4.7)	23	(10.4)	5	(8.1)	26	(10.3)	14	(8.9)	7	(7.6)	7	(7.9)
	Qatar	32	(3.1)	24	(3.1)	29	(3.6)	23	(3.4)	37	(3.9)	26	(3.9)	53	(5.4)	43	(4.9)

		Score point difference between students whose parents often (weekly or daily) do the following things with them and students whose parents do not															
		Spend time just talking to their child				Go to a bookstore or library with their child				Talk with their child about what he/she is reading on his/her own				Help their child with his/her homework			
		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS		Before accounting for ESCS		After accounting for ESCS	
		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	Chile	11	(3.6)	-1	(3.1)	-4	(5.5)	-4	(4.7)	4	(2.9)	4	(2.5)	-17	(2.8)	-18	(2.4)
	Denmark	18	(12.7)	3	(12.6)	-3	(9.0)	1	(8.4)	6	(3.2)	4	(3.0)	-13	(2.9)	-15	(2.7)
	Germany	61	(15.4)	28	(15.7)	1	(6.8)	5	(6.1)	13	(3.6)	7	(2.9)	-48	(4.3)	-42	(3.5)
	Hungary	24	(8.4)	9	(7.4)	-4	(7.7)	-4	(5.7)	-2	(4.0)	-1	(2.9)	-45	(3.8)	-37	(2.8)
	Italy	16	(4.0)	7	(3.6)	3	(2.9)	-1	(2.6)	18	(1.9)	10	(1.7)	-29	(1.9)	-38	(1.8)
	Korea	24	(4.6)	16	(4.2)	17	(5.9)	10	(5.1)	16	(3.6)	8	(3.2)	-7	(4.8)	-11	(4.5)
	New Zealand	24	(9.7)	7	(9.1)	8	(5.2)	11	(4.8)	8	(3.6)	4	(3.0)	-15	(4.0)	-18	(3.5)
	Portugal	14	(5.7)	5	(5.7)	0	(3.7)	-6	(3.6)	7	(3.2)	1	(3.0)	-28	(2.9)	-31	(2.6)
Partners	Croatia	2	(6.2)	-5	(6.1)	-1	(6.2)	-5	(5.9)	-5	(2.7)	-8	(2.7)	-42	(3.4)	-40	(3.0)
	Hong Kong-China	24	(4.5)	16	(4.2)	7	(4.4)	3	(4.4)	2	(2.9)	-3	(2.8)	-14	(3.0)	-19	(2.9)
	Lithuania	19	(5.3)	10	(4.5)	-3	(4.3)	-4	(4.0)	5	(2.8)	2	(2.5)	-33	(3.1)	-29	(2.8)
	Macao-China	8	(2.4)	4	(2.4)	0	(3.8)	-4	(3.8)	-5	(2.2)	-7	(2.2)	-14	(2.3)	-16	(2.3)
	Panama	27	(9.1)	12	(7.2)	-25	(6.6)	-17	(7.3)	-14	(6.6)	-6	(5.6)	-30	(9.1)	-25	(8.0)
	Qatar	37	(4.7)	25	(4.4)	-31	(3.3)	-30	(3.1)	4	(3.5)	2	(3.4)	-17	(2.8)	-20	(2.8)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. ESCS: PISA index of economic, social and cultural status.

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[Part 1/2]

Pre-primary school attendance, performance in reading and students' socio-economic background

Table II.5.5 Results based on students' self-reports

	Percentage of students with:						Average performance in reading of students with:						Students' PISA index of economic, social and cultural status with:					
	No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year		No pre-primary school attendance		Pre-primary school attendance for one year or less		Pre-primary school attendance for more than one year	
	%	S.E.	%	S.E.	%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD																		
Australia	4.4	(0.3)	45.3	(0.6)	50.3	(0.7)	465	(5.4)	512	(2.5)	525	(2.7)	0.05	(0.04)	0.25	(0.02)	0.46	(0.01)
Austria	2.3	(0.3)	12.5	(0.7)	85.2	(0.7)	438	(10.7)	447	(5.2)	480	(3.0)	-0.30	(0.13)	-0.17	(0.03)	0.14	(0.02)
Belgium	2.5	(0.3)	3.8	(0.3)	93.6	(0.4)	417	(8.8)	435	(6.6)	520	(2.1)	-0.34	(0.10)	-0.02	(0.06)	0.26	(0.02)
Canada	9.5	(0.3)	42.3	(0.7)	48.2	(0.7)	491	(3.8)	520	(1.6)	539	(2.0)	0.20	(0.03)	0.43	(0.02)	0.64	(0.02)
Chile	15.0	(0.8)	52.8	(0.8)	32.2	(0.9)	419	(3.8)	452	(3.4)	465	(3.7)	-1.19	(0.06)	-0.59	(0.04)	-0.22	(0.04)
Czech Republic	3.9	(0.3)	9.5	(0.5)	86.6	(0.6)	452	(9.0)	481	(5.1)	484	(2.8)	-0.22	(0.06)	-0.16	(0.03)	-0.05	(0.01)
Denmark	2.2	(0.2)	28.1	(0.8)	69.8	(0.8)	421	(7.4)	479	(2.9)	505	(2.2)	-0.31	(0.07)	0.18	(0.03)	0.36	(0.02)
Estonia	10.3	(0.6)	10.0	(0.5)	79.7	(0.7)	498	(3.9)	489	(5.3)	504	(2.8)	-0.06	(0.04)	-0.07	(0.05)	0.21	(0.02)
Finland	5.0	(0.5)	28.9	(0.9)	66.1	(1.0)	525	(8.8)	524	(2.7)	543	(2.4)	0.07	(0.06)	0.19	(0.03)	0.47	(0.02)
France	1.7	(0.2)	5.2	(0.4)	93.1	(0.4)	395	(18.2)	446	(9.3)	503	(3.4)	-0.78	(0.06)	-0.42	(0.06)	-0.10	(0.03)
Germany	4.9	(0.4)	10.4	(0.6)	84.7	(0.7)	452	(7.5)	463	(5.5)	513	(2.7)	-0.22	(0.07)	-0.10	(0.05)	0.27	(0.02)
Greece	5.4	(0.4)	28.5	(1.0)	66.1	(1.1)	424	(10.3)	472	(5.0)	493	(4.4)	-0.62	(0.06)	-0.09	(0.04)	0.06	(0.04)
Hungary	1.4	(0.2)	4.1	(0.4)	94.5	(0.5)	452	(17.3)	461	(12.0)	498	(3.0)	-0.35	(0.16)	-0.44	(0.13)	-0.18	(0.03)
Iceland	3.0	(0.3)	3.6	(0.3)	93.4	(0.4)	460	(11.4)	480	(9.6)	504	(1.5)	0.13	(0.10)	0.41	(0.09)	0.75	(0.01)
Ireland	17.4	(0.7)	41.5	(1.0)	41.2	(1.1)	475	(4.1)	506	(3.6)	500	(3.7)	-0.22	(0.04)	0.02	(0.03)	0.19	(0.03)
Israel	5.5	(0.4)	20.1	(0.8)	74.5	(0.9)	374	(8.4)	444	(4.9)	497	(3.3)	-0.69	(0.07)	-0.14	(0.04)	0.07	(0.03)
Italy	5.2	(0.2)	8.7	(0.3)	86.1	(0.4)	416	(5.4)	460	(3.6)	494	(1.6)	-0.50	(0.05)	-0.19	(0.04)	-0.09	(0.01)
Japan	0.9	(0.1)	2.2	(0.2)	96.9	(0.3)	483	(15.6)	467	(10.9)	522	(3.3)	-0.23	(0.10)	-0.31	(0.08)	0.00	(0.01)
Korea	5.9	(0.5)	15.9	(0.7)	78.1	(1.0)	526	(7.7)	532	(5.5)	542	(3.4)	-0.55	(0.06)	-0.27	(0.04)	-0.10	(0.03)
Luxembourg	4.5	(0.3)	10.4	(0.5)	85.0	(0.5)	415	(7.4)	446	(4.8)	479	(1.4)	-0.43	(0.07)	-0.03	(0.06)	0.25	(0.01)
Mexico	10.3	(0.4)	19.5	(0.4)	70.2	(0.5)	378	(3.6)	424	(2.5)	434	(1.9)	-1.88	(0.04)	-1.45	(0.03)	-1.05	(0.03)
Netherlands	3.5	(0.6)	1.9	(0.2)	94.6	(0.6)	487	(16.8)	511	(13.0)	513	(5.2)	0.00	(0.18)	0.26	(0.10)	0.31	(0.03)
New Zealand	9.3	(0.5)	21.9	(0.7)	68.8	(0.8)	472	(6.1)	517	(4.5)	532	(2.2)	-0.24	(0.05)	0.00	(0.03)	0.16	(0.02)
Norway	9.3	(0.5)	6.4	(0.4)	84.3	(0.7)	477	(5.2)	489	(5.8)	508	(2.7)	0.16	(0.04)	0.26	(0.04)	0.52	(0.02)
Poland	2.3	(0.3)	47.8	(1.4)	49.9	(1.5)	463	(10.6)	489	(3.1)	514	(3.0)	-0.52	(0.12)	-0.59	(0.02)	0.03	(0.03)
Portugal	19.1	(0.9)	20.7	(0.8)	60.2	(1.1)	467	(4.7)	478	(4.1)	502	(3.1)	-0.81	(0.04)	-0.54	(0.04)	-0.08	(0.04)
Slovak Republic	5.0	(0.4)	12.2	(0.7)	82.8	(0.9)	423	(9.9)	475	(4.6)	483	(2.4)	-0.56	(0.07)	-0.20	(0.04)	-0.04	(0.02)
Slovenia	17.3	(0.7)	14.3	(0.6)	68.4	(0.8)	469	(3.7)	466	(4.6)	494	(1.3)	-0.30	(0.04)	-0.06	(0.04)	0.21	(0.02)
Spain	4.6	(0.3)	8.5	(0.4)	86.8	(0.5)	435	(5.7)	452	(4.0)	489	(2.0)	-0.74	(0.05)	-0.54	(0.07)	-0.26	(0.03)
Sweden	9.8	(0.4)	24.1	(0.9)	66.1	(1.0)	451	(6.3)	495	(4.0)	509	(2.9)	0.02	(0.05)	0.27	(0.04)	0.40	(0.02)
Switzerland	2.3	(0.2)	26.5	(1.8)	71.3	(1.8)	421	(9.1)	502	(5.0)	504	(2.7)	-0.47	(0.08)	0.02	(0.03)	0.12	(0.03)
Turkey	71.6	(1.3)	20.2	(0.9)	8.2	(0.7)	452	(3.1)	496	(5.5)	510	(7.3)	-1.53	(0.03)	-0.37	(0.06)	0.21	(0.08)
United Kingdom	5.8	(0.5)	28.2	(0.7)	66.0	(0.8)	430	(7.3)	487	(2.9)	507	(2.3)	-0.14	(0.06)	0.12	(0.03)	0.27	(0.02)
United States	1.8	(0.2)	27.7	(0.9)	70.6	(1.0)	459	(16.8)	492	(3.7)	505	(3.9)	-0.33	(0.16)	-0.11	(0.03)	0.30	(0.04)
OECD average	8.3	(0.1)	19.5	(0.1)	72.2	(0.1)	449	(1.6)	479	(1.0)	503	(0.5)	-0.41	(0.01)	-0.13	(0.01)	0.13	(0.01)
Partners																		
Albania	24.5	(1.3)	22.7	(1.0)	52.7	(1.3)	371	(5.4)	385	(5.7)	404	(4.6)	-1.27	(0.06)	-0.95	(0.07)	-0.78	(0.04)
Argentina	4.7	(0.6)	29.1	(1.4)	66.2	(1.4)	331	(12.5)	379	(4.6)	416	(5.4)	-1.33	(0.10)	-1.00	(0.05)	-0.39	(0.06)
Azerbaijan	68.7	(1.5)	14.6	(0.9)	16.7	(1.0)	356	(3.6)	371	(5.6)	384	(5.3)	-0.80	(0.03)	-0.35	(0.06)	-0.20	(0.05)
Brazil	21.3	(0.7)	33.4	(0.8)	45.3	(1.1)	379	(2.9)	414	(3.6)	439	(3.2)	-1.68	(0.03)	-1.24	(0.04)	-0.84	(0.04)
Bulgaria	11.4	(0.6)	14.8	(0.7)	73.8	(1.0)	399	(8.9)	412	(7.8)	441	(7.0)	-0.40	(0.08)	-0.16	(0.05)	-0.05	(0.04)
Colombia	18.5	(1.2)	53.3	(1.3)	28.2	(1.2)	380	(5.1)	419	(3.5)	429	(5.0)	-1.92	(0.06)	-1.09	(0.05)	-0.74	(0.06)
Croatia	26.8	(1.2)	21.2	(0.7)	52.1	(1.1)	461	(4.9)	465	(3.6)	490	(3.5)	-0.63	(0.03)	-0.38	(0.04)	0.14	(0.03)
Dubai (UAE)	12.9	(0.4)	27.8	(0.7)	59.2	(0.7)	404	(3.9)	460	(3.1)	478	(1.7)	-0.01	(0.03)	0.45	(0.02)	0.52	(0.01)
Hong Kong-China	2.8	(0.4)	4.9	(0.3)	92.3	(0.5)	462	(13.3)	486	(7.0)	538	(2.1)	-1.66	(0.08)	-1.23	(0.10)	-0.75	(0.04)
Indonesia	46.0	(2.1)	29.9	(1.4)	24.1	(1.5)	382	(3.4)	416	(4.8)	422	(5.8)	-1.95	(0.05)	-1.25	(0.07)	-1.14	(0.07)
Jordan	28.0	(1.2)	45.3	(1.0)	26.7	(0.9)	389	(3.9)	415	(3.4)	426	(4.8)	-0.96	(0.04)	-0.52	(0.04)	-0.19	(0.05)
Kazakhstan	58.1	(1.5)	14.9	(0.7)	27.0	(1.3)	375	(2.9)	400	(5.1)	420	(5.2)	-0.75	(0.03)	-0.28	(0.04)	-0.11	(0.04)
Kyrgyzstan	62.7	(1.6)	17.8	(1.2)	19.5	(1.0)	299	(3.2)	326	(4.7)	371	(5.7)	-0.86	(0.03)	-0.48	(0.05)	-0.10	(0.05)
Latvia	21.5	(1.2)	12.8	(0.7)	65.7	(1.3)	475	(3.7)	480	(4.7)	489	(3.2)	-0.39	(0.04)	-0.31	(0.05)	0.00	(0.03)
Liechtenstein	1.2	(0.6)	6.1	(1.4)	92.7	(1.5)	423	(41.6)	479	(19.5)	502	(3.1)	-0.84	(0.51)	0.09	(0.20)	0.10	(0.05)
Lithuania	37.6	(1.0)	11.8	(0.5)	50.6	(0.9)	452	(3.0)	467	(5.3)	483	(2.7)	-0.40	(0.03)	-0.01	(0.05)	0.22	(0.03)
Macao-China	3.2	(0.2)	9.9	(0.4)	86.9	(0.4)	426	(6.0)	464	(3.5)	492	(1.1)	-0.61	(0.07)	-0.73	(0.04)	-0.70	(0.01)
Montenegro	35.8	(0.6)	22.3	(0.8)	41.9	(0.8)	394	(2.3)	412	(4.3)	424	(2.4)	-0.64	(0.04)	-0.21	(0.03)	0.11	(0.02)
Panama	22.0	(1.4)	45.3	(1.6)	32.7	(1.4)	345	(5.9)	385	(6.4)	402	(9.1)	-1.51	(0.09)	-0.75	(0.08)	-0.35	(0.12)
Peru	15.1	(0.7)	26.3	(0.8)	58.6	(1.1)	337	(5.3)	368	(4.1)	392	(4.6)	-1.89	(0.07)	-1.39	(0.05)	-1.07	(0.06)
Qatar	38.3	(0.5)	38.7	(0.5)	23.0	(0.4)	342	(1.5)	382	(1.7)	422	(2.5)	0.08	(0.02)	0.74	(0.02)	0.82	(0.02)
Romania	4.8	(0.4)	7.6	(0.6)	87.6	(0.9)	384	(10.7)	403	(8.9)	429	(4.0)	-0.85	(0.17)	-0.52	(0.07)	-0.30	(0.03)
Russian Federation	21.4	(1.1)	11.2	(0.6)	67.4	(1.3)	439	(4.2)	451	(5.2)	468	(3.6)	-0.50	(0.04)	-0.27	(0.03)	-0.11	(0.02)
Serbia	13.0	(0.7)	50.1	(0.9)	36.9	(0.9)	426	(6.1)	442	(2.6)	450	(3.1)	-0.25	(0.06)	0.03	(0.02)	0.26	(0.03)
Shanghai-China	2.5	(0.5)	10.7	(0.7)	86.8	(1.0)	495	(14.1)	524	(5.8)	561	(2.1)	-1.37	(0.17)	-1.01	(0.07)	-0.40	(0.03)
Singapore	2.3	(0.2)	6.6	(0.4)	91.1	(0.4)	438	(10.0)	487	(7.1)	532	(1.3)	-0.76	(0.06)	-0.54	(0.05)	-0.41	(0.01)
Chinese Taipei	1.6	(0.2)	13.7	(0.5)	84.7	(0.5)	458	(11.2)	483	(4.4)	498	(2.6)	-0.56	(0.13)	-0.49	(0.04)	-0.30	(0.02)
Thailand	2.1	(0.2)	9.2	(0.5)	88.7	(0.6)	384	(6.5)	387	(4.1)	427	(2.6)	-1.64	(0.14)	-1.71	(0.06)	-1.26	(0.04)
Trinidad and Tobago	9.6	(0.5)	28.8	(0.7)	61.6	(0.8)	372	(5.5)	422	(3.3)	428	(1.9)	-1.08	(0.06)	-0.56	(0.03)	-0.50	(0.02)
Tunisia	48.1	(2.0)	31.3	(1.4)	20.6	(1.0)	389	(3.5)	415	(3.7)	430	(4.6)	-1.76	(0.06)	-0.76	(0.05)	-0.55	(0.06)
Uruguay	12.8	(0.7)	15.9	(0.6)	71.3	(0.8)	368	(5.3)	405	(4.1)	444	(2.6)	-1.33	(0.05)	-1.13	(0.04)	-0.47	(0.03)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 2/2]

Pre-primary school attendance, performance in reading and students' socio-economic backgroundTable II.5.5 *Results based on students' self-reports*

	Difference in student performance in reading between students who report having attended pre-primary school (ISCED 0) for one year or less and those without pre-primary school attendance				Difference in student performance in reading between students who report having attended pre-primary school (ISCED 0) for more than one year and those without pre-primary school attendance				Increased likelihood of students who did not attend pre-primary school scoring in the bottom quarter of the national reading performance distribution	
	Before accounting for the socio-economic background of students		After accounting for the socio-economic background of students		Before accounting for the socio-economic background of students		After accounting for the socio-economic background of students		Ratio	S.E.
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.		
OECD										
Australia	47	(5.2)	36	(4.9)	60	(5.4)	39	(4.6)	1.82	(0.11)
Austria	9	(11.0)	2	(10.6)	42	(10.6)	21	(10.3)	1.78	(0.24)
Belgium	18	(10.7)	7	(11.5)	103	(8.6)	76	(8.2)	2.91	(0.22)
Canada	29	(4.1)	23	(3.9)	48	(4.0)	33	(4.1)	1.65	(0.12)
Chile	34	(3.8)	18	(3.2)	47	(3.8)	14	(3.5)	1.74	(0.11)
Czech Republic	29	(9.6)	27	(8.9)	32	(8.6)	25	(7.9)	1.69	(0.20)
Denmark	58	(7.7)	38	(7.8)	84	(7.6)	58	(7.8)	2.60	(0.25)
Estonia	-9	(6.3)	-9	(6.5)	5	(4.1)	-2	(4.1)	1.05	(0.12)
Finland	-1	(8.7)	-5	(8.1)	18	(8.6)	5	(7.9)	1.19	(0.17)
France	51	(18.0)	27	(15.0)	108	(18.1)	65	(13.0)	2.69	(0.35)
Germany	11	(8.7)	6	(8.7)	61	(7.0)	40	(7.4)	2.01	(0.19)
Greece	48	(9.8)	31	(9.6)	69	(9.1)	49	(8.6)	2.19	(0.20)
Hungary	9	(20.0)	13	(19.1)	45	(16.8)	36	(16.7)	1.64	(0.35)
Iceland	20	(14.3)	13	(13.3)	44	(11.6)	28	(11.5)	1.44	(0.24)
Ireland	31	(4.8)	21	(4.7)	24	(4.7)	8	(4.5)	1.47	(0.11)
Israel	70	(7.4)	52	(7.3)	123	(8.7)	91	(8.5)	3.05	(0.19)
Italy	44	(6.1)	34	(5.5)	79	(5.5)	65	(5.2)	2.32	(0.11)
Japan	-16	(16.6)	-20	(16.4)	39	(14.8)	24	(12.8)	1.41	(0.27)
Korea	6	(6.4)	-4	(6.4)	16	(7.1)	2	(6.8)	1.22	(0.17)
Luxembourg	31	(9.3)	11	(8.8)	64	(7.9)	36	(8.0)	2.13	(0.17)
Mexico	46	(3.8)	39	(3.7)	56	(3.3)	36	(3.2)	2.06	(0.10)
Netherlands	25	(18.1)	14	(15.2)	26	(15.9)	8	(9.2)	1.64	(0.33)
New Zealand	45	(6.8)	32	(6.4)	60	(6.3)	39	(5.8)	1.91	(0.13)
Norway	11	(6.4)	8	(6.5)	31	(5.2)	18	(5.0)	1.41	(0.12)
Poland	26	(10.7)	30	(10.1)	51	(10.8)	30	(10.6)	1.61	(0.24)
Portugal	11	(5.1)	4	(5.1)	35	(4.6)	15	(4.2)	1.47	(0.12)
Slovak Republic	52	(10.3)	34	(8.9)	60	(9.6)	38	(8.2)	2.06	(0.20)
Slovenia	-3	(5.9)	-12	(5.4)	26	(4.2)	7	(3.9)	1.43	(0.10)
Spain	17	(6.6)	11	(6.4)	53	(5.4)	39	(5.7)	1.93	(0.13)
Sweden	44	(6.5)	30	(6.0)	58	(6.6)	38	(6.0)	1.90	(0.14)
Switzerland	81	(9.8)	62	(8.2)	84	(10.0)	59	(8.5)	2.58	(0.24)
Turkey	44	(4.8)	13	(3.9)	58	(7.1)	11	(5.9)	2.06	(0.22)
United Kingdom	56	(7.3)	45	(6.6)	76	(7.9)	57	(6.2)	2.15	(0.18)
United States	33	(16.0)	18	(12.7)	46	(15.0)	12	(12.0)	1.64	(0.25)
OECD average	30	(1.72)	19	(1.58)	54	(1.58)	33	(1.40)	1.88	(0.03)
Partners										
Albania	14	(6.5)	4	(6.0)	32	(5.8)	18	(5.0)	1.43	(0.12)
Argentina	48	(12.8)	39	(11.8)	84	(12.8)	46	(11.1)	2.04	(0.24)
Azerbaijan	15	(5.6)	6	(5.3)	28	(5.6)	16	(5.2)	1.48	(0.19)
Brazil	35	(4.0)	28	(4.2)	60	(3.6)	38	(3.5)	1.87	(0.11)
Bulgaria	13	(8.3)	-4	(7.4)	42	(8.0)	19	(5.8)	1.56	(0.17)
Colombia	39	(4.1)	21	(4.2)	49	(5.3)	15	(4.4)	1.75	(0.13)
Croatia	4	(5.6)	-4	(5.1)	29	(5.5)	5	(5.3)	1.35	(0.12)
Dubai (UAE)	56	(5.0)	35	(4.9)	74	(4.6)	51	(4.7)	2.22	(0.12)
Hong Kong-China	24	(14.9)	18	(14.7)	76	(13.5)	62	(13.7)	2.22	(0.27)
Indonesia	34	(4.8)	27	(4.5)	40	(6.2)	30	(5.6)	1.98	(0.23)
Jordan	26	(3.6)	16	(3.2)	38	(5.3)	20	(4.8)	1.55	(0.11)
Kazakhstan	26	(5.0)	10	(4.2)	46	(5.6)	25	(4.6)	1.54	(0.13)
Kyrgyzstan	27	(4.6)	16	(4.2)	72	(6.3)	47	(5.0)	1.77	(0.17)
Latvia	5	(5.1)	3	(4.8)	14	(3.7)	2	(3.6)	1.38	(0.10)
Liechtenstein	56	(47.1)	40	(55.3)	79	(41.2)	56	(49.9)	2.29	(1.21)
Lithuania	15	(5.6)	2	(5.2)	31	(3.4)	11	(3.2)	1.55	(0.11)
Macao-China	37	(6.8)	37	(6.6)	65	(6.1)	66	(5.9)	2.38	(0.19)
Montenegro	18	(4.5)	6	(5.2)	30	(3.7)	9	(4.1)	1.38	(0.11)
Panama	41	(6.3)	23	(5.5)	57	(7.8)	25	(6.5)	1.72	(0.19)
Peru	31	(5.5)	13	(4.9)	55	(5.6)	23	(4.6)	1.84	(0.15)
Qatar	40	(2.6)	30	(2.7)	80	(3.1)	70	(3.4)	1.51	(0.06)
Romania	18	(11.1)	8	(8.8)	45	(10.5)	25	(8.7)	1.67	(0.25)
Russian Federation	11	(5.1)	3	(5.3)	29	(4.2)	15	(3.8)	1.48	(0.13)
Serbia	16	(5.9)	10	(5.2)	24	(6.2)	10	(5.6)	1.40	(0.13)
Shanghai-China	29	(12.3)	20	(10.1)	66	(14.1)	42	(11.0)	2.42	(0.33)
Singapore	49	(12.2)	38	(11.5)	94	(10.2)	78	(9.9)	2.46	(0.24)
Chinese Taipei	26	(10.9)	23	(9.8)	41	(11.3)	32	(10.1)	1.79	(0.25)
Thailand	3	(7.4)	5	(7.2)	43	(6.9)	35	(6.6)	1.93	(0.26)
Trinidad and Tobago	50	(6.8)	31	(6.5)	55	(5.9)	34	(5.8)	1.93	(0.17)
Tunisia	26	(4.6)	10	(4.3)	41	(5.4)	23	(5.1)	1.66	(0.14)
Uruguay	36	(5.0)	31	(5.2)	76	(5.0)	46	(4.9)	2.13	(0.13)

Note: Values that are statistically significant are indicated in bold (see Annex A3).
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[Part 1/1]

Table II.5.6 Relationship between pre-primary school attendance and performance, by quality of pre-primary school education

	Regression coefficients							
	Attendance*quality indicator		Attendance		Socio-economic background of students		Socio-economic background of schools	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
Percentage of students attended pre-primary school	4.73	(0.62)	-27.13	(5.52)	17.82	(0.26)	59.04	(0.98)
Average duration of pre-primary schools	9.93	(1.53)	-9.13	(3.56)	17.81	(0.27)	59.34	(1.01)
Average pupils-to-teacher ratio in pre-primary schools	-1.13	(0.19)	29.98	(3.09)	17.27	(0.29)	58.48	(1.01)
Public expenditure on pre-primary school per student (ppp)	1.27	(0.56)	7.91	(2.97)	17.76	(0.28)	59.87	(1.09)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

The model is run only for the OECD countries where the data are available.

This is a regression model with country fixed effects and interactions between individual pre-primary school attendance and one of the system-level quality indicators.

Variables included in the model are: escs, xescs, attendance, attendance*quality indicator, country fixed effect.

escs= PISA index of economic, social and cultural status (student-level variable)

xescs=school average of escs (school-level variable)

immig: 0= native student, 1=student with an immigrant background (student-level variable)

attendance: 0=not attended pre-primary school, 1=attended pre-primary school (student-level variable)


Quality indicators are:

Percentage of students attended pre-primary school (system-level variable)

Average duration of pre-primary school (system-level variable)

Pupils-to-teacher ratio in pre-primary schools (system-level variable)

Public expenditure on pre-primary school per student (ppp) (system-level variable)

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[Part 1/1]

Relationship between performance, pre-primary school attendance and socio-economic background¹


Table II.5.7

	Difference in performance for students who attended a pre-primary school		Difference in performance for students with higher socio-economic background ²		Additional difference in performance for students with higher socio-economic background ² who attended pre-primary school	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD						
Australia	30	(4.8)	32	(4.7)	-2	(5.2)
Austria	6	(9.3)	19	(8.6)	-9	(9.2)
Belgium	45	(8.2)	13	(7.5)	0	(7.7)
Canada	21	(3.8)	12	(4.0)	7	(3.8)
Chile	9	(3.9)	12	(3.0)	-2	(2.9)
Czech Republic	21	(6.1)	17	(8.9)	-2	(9.1)
Denmark	32	(10.1)	24	(8.5)	3	(8.8)
Estonia	-10	(4.1)	18	(4.4)	-2	(4.8)
Finland	1	(7.3)	33	(7.2)	-5	(7.6)
France	w	w	w	w	w	w
Germany	22	(6.1)	1	(8.0)	11	(8.4)
Greece	26	(7.4)	3	(7.7)	13	(7.7)
Hungary	11	(10.7)	7	(9.0)	3	(8.8)
Iceland	14	(12.8)	23	(11.9)	6	(11.7)
Ireland	10	(4.3)	23	(4.6)	8	(5.5)
Israel	60	(8.9)	15	(7.9)	9	(8.1)
Italy	34	(3.9)	-5	(6.1)	11	(6.3)
Japan	-2	(10.6)	27	(18.4)	-24	(18.6)
Korea	-9	(6.8)	17	(7.5)	-5	(7.4)
Luxembourg	5	(7.8)	18	(5.8)	-2	(5.9)
Mexico	33	(3.8)	5	(2.4)	5	(1.9)
Netherlands	0	(8.2)	5	(6.6)	0	(6.8)
New Zealand	25	(4.9)	34	(6.1)	3	(6.6)
Norway	9	(5.2)	13	(5.4)	23	(6.2)
Poland	23	(10.7)	31	(8.9)	2	(8.9)
Portugal	9	(4.4)	14	(2.6)	4	(3.0)
Slovak Republic	12	(7.1)	25	(5.9)	-10	(6.3)
Slovenia	-1	(3.3)	5	(3.2)	0	(3.3)
Spain	25	(7.4)	16	(6.2)	3	(6.1)
Sweden	22	(4.7)	31	(5.1)	0	(5.2)
Switzerland	36	(8.8)	24	(6.6)	-7	(7.0)
Turkey	1	(3.5)	10	(2.7)	0	(2.6)
United Kingdom	36	(5.8)	26	(6.7)	0	(6.5)
United States	3	(11.0)	50	(9.2)	-24	(9.4)
OECD average	17	(1.3)	18	(1.3)	1	(1.3)
Partners						
Albania	-4	(5.7)	26	(4.8)	-5	(4.3)
Argentina	27	(11.0)	15	(7.4)	0	(6.7)
Azerbaijan	1	(4.2)	15	(3.1)	-5	(4.9)
Brazil	33	(5.7)	7	(2.9)	6	(2.4)
Bulgaria	0	(6.9)	13	(4.5)	3	(4.6)
Colombia	21	(6.2)	6	(4.1)	5	(3.1)
Croatia	-3	(3.5)	12	(2.5)	-1	(3.2)
Dubai (UAE)	20	(4.6)	14	(5.2)	6	(4.9)
Hong Kong-China	35	(13.8)	1	(7.5)	-1	(7.6)
Indonesia	24	(4.9)	4	(3.1)	4	(2.5)
Jordan	17	(3.6)	16	(3.2)	4	(3.0)
Kazakhstan	8	(3.6)	14	(2.6)	5	(3.4)
Kyrgyzstan	14	(3.9)	18	(3.1)	7	(4.1)
Latvia	-5	(3.6)	23	(4.0)	-5	(4.1)
Liechtenstein	47	(17.2)	-73	(17.6)	74	(19.8)
Lithuania	-1	(3.1)	23	(2.3)	-6	(2.6)
Macao-China	41	(6.4)	8	(6.2)	1	(6.1)
Montenegro	-3	(3.3)	12	(2.9)	0	(3.5)
Panama	15	(7.0)	2	(5.0)	8	(4.3)
Peru	14	(7.2)	8	(4.8)	4	(3.4)
Qatar	1	(2.6)	0	(1.7)	19	(2.5)
Romania	27	(10.5)	-4	(6.7)	19	(7.7)
Russian Federation	8	(4.1)	17	(3.8)	6	(3.8)
Serbia	5	(3.9)	7	(3.2)	2	(3.6)
Shanghai-China	24	(10.7)	4	(5.9)	1	(5.8)
Singapore	47	(11.7)	26	(10.6)	-10	(10.7)
Chinese Taipei	9	(10.6)	28	(13.2)	-13	(13.2)
Thailand	40	(11.6)	5	(6.7)	10	(6.2)
Trinidad and Tobago	8	(7.7)	7	(5.8)	-3	(5.8)
Tunisia	0	(4.5)	7	(2.8)	3	(2.4)
Uruguay	45	(6.2)	3	(3.8)	13	(3.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Reading performance is regressed on the following variables: student attended pre-primary school; student's socio-economic background; (student attended pre-primary school)*(student's socio-economic background); a square of student's socio-economic background; school's socio-economic background; gender; student with an immigrant background; school in rural area; school in a city; school size; a square of school size; and private school.

2. Students with higher socio-economic background correspond to students with a one unit higher PISA index of economic, social and cultural status than the OECD average.

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[Part 1/1]

Table II.5.8 Relationship between performance, pre-primary school attendance and immigrant status¹

	Difference in performance for students who attended a pre-primary school		Difference in performance for students with an immigrant background		Additional difference in performance for students with an immigrant background who attended a pre-primary school	
	Change in score	S.E.	Change in score	S.E.	Change in score	S.E.
OECD						
Australia	27	(4.7)	4	(9.0)	6	(10.1)
Austria	7	(10.9)	-22	(22.1)	2	(21.2)
Belgium	60	(12.6)	11	(18.5)	-30	(19.1)
Canada	16	(3.5)	-23	(7.3)	27	(7.9)
Chile	c	c	c	c	c	c
Czech Republic	21	(6.1)	-9	(33.1)	7	(32.9)
Denmark	29	(13.1)	-24	(14.9)	5	(15.2)
Estonia	-10	(4.2)	-24	(16.3)	-4	(16.5)
Finland	-4	(7.1)	-96	(27.5)	76	(27.3)
France	w	w	w	w	w	w
Germany	20	(8.0)	-8	(15.6)	1	(14.8)
Greece	24	(8.4)	3	(23.9)	-18	(22.1)
Hungary	9	(9.3)	-11	(25.5)	11	(26.4)
Iceland	15	(12.7)	-39	(26.9)	7	(29.2)
Ireland	4	(4.4)	-57	(15.7)	57	(16.0)
Israel	56	(8.5)	29	(20.3)	-10	(19.4)
Italy	31	(4.5)	-20	(8.7)	-9	(9.9)
Japan	c	c	c	c	c	c
Korea	c	c	c	c	c	c
Luxembourg	4	(28.1)	-24	(28.8)	1	(29.2)
Mexico	25	(2.9)	-55	(10.6)	-19	(12.7)
Netherlands	-8	(8.7)	-2	(19.8)	18	(19.0)
New Zealand	17	(7.6)	-6	(11.4)	15	(11.8)
Norway	10	(5.1)	-30	(13.2)	26	(13.6)
Poland	c	c	c	c	c	c
Portugal	7	(3.5)	-23	(7.6)	1	(8.4)
Slovak Republic	c	c	c	c	c	c
Slovenia	-1	(3.3)	-13	(10.1)	2	(9.8)
Spain	24	(6.2)	-37	(9.0)	-7	(9.0)
Sweden	19	(5.3)	-29	(15.1)	15	(15.0)
Switzerland	36	(14.9)	-17	(16.7)	4	(18.0)
Turkey	c	c	c	c	c	c
United Kingdom	43	(6.4)	31	(14.3)	-25	(14.5)
United States	-3	(13.5)	-26	(22.1)	37	(21.2)
OECD average	18	(1.9)	-19	(3.6)	7	(3.6)
Partners						
Albania	c	c	c	c	c	c
Argentina	29	(8.7)	7	(36.4)	-13	(32.9)
Azerbaijan	3	(4.8)	-1	(11.6)	-7	(14.4)
Brazil	23	(3.2)	-93	(17.7)	4	(22.3)
Bulgaria	c	c	c	c	c	c
Colombia	13	(3.6)	-25	(25.9)	-71	(29.0)
Croatia	-2	(3.6)	-2	(7.0)	-8	(7.9)
Dubai (UAE)	11	(8.1)	54	(9.3)	14	(9.8)
Hong Kong-China	50	(17.8)	32	(19.9)	-19	(19.7)
Indonesia	c	c	c	c	c	c
Jordan	15	(2.7)	5	(8.1)	-6	(9.2)
Kazakhstan	5	(3.5)	5	(6.9)	12	(7.3)
Kyrgyzstan	10	(3.4)	41	(17.0)	-27	(25.0)
Latvia	-3	(3.9)	-5	(17.2)	-7	(17.6)
Liechtenstein	6	(47.9)	0	(10.2)	0	(0.0)
Lithuania	0	(3.1)	-32	(15.5)	34	(20.0)
Macao-China	41	(8.0)	15	(9.5)	-2	(9.7)
Montenegro	-3	(3.5)	-1	(8.0)	-5	(10.8)
Panama	4	(5.1)	-36	(17.8)	22	(22.3)
Peru	c	c	c	c	c	c
Qatar	1	(2.7)	40	(2.9)	20	(4.0)
Romania	c	c	c	c	c	c
Russian Federation	6	(3.9)	-14	(8.7)	4	(9.4)
Serbia	5	(3.9)	13	(8.9)	-4	(9.4)
Shanghai-China	c	c	c	c	c	c
Singapore	53	(11.2)	-5	(17.1)	5	(17.4)
Chinese Taipei	c	c	c	c	c	c
Thailand	c	c	c	c	c	c
Trinidad and Tobago	11	(5.8)	-11	(46.5)	0	(46.0)
Tunisia	c	c	c	c	c	c
Uruguay	c	c	c	c	c	c

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Reading performance is regressed on the following variables: student attended pre-primary school; student with an immigrant background; (student attended pre-primary school)*(student with an immigrant background); student's socio-economic background; a square of student's socio-economic background; school's socio-economic background; gender; school in rural area; school in a city; school size; a square of school size; and private school.

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[Part 1/1]

Table II.5.9 Relationship between pre-primary school attendance and performance, by immigrant status and quality of pre-primary school education

Quality indicators	Regression coefficients											
	Attendance* immigrant* quality indicator		Attendance* immigrant		Immigrant		Attendance		Socio-economic background of students		Socio-economic background of schools	
	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.	Coef.	S.E.
Percentage of students attended pre-primary school	1.67	(2.28)	7.51	(21.37)	-31.06	(3.03)	8.94	(0.94)	17.70	(0.26)	58.88	(0.99)
Average duration of pre-primary schools	-14.83	(2.00)	55.63	(5.00)	-31.76	(3.02)	7.82	(0.99)	17.71	(0.27)	59.25	(1.00)
Average pupils-to-teacher ratio in pre-primary schools	-0.44	(0.32)	26.97	(5.21)	-34.65	(3.44)	8.74	(1.09)	17.25	(0.29)	58.39	(1.02)
Public expenditure on pre-primary school per student (ppp)	2.81	(0.78)	6.62	(5.48)	-28.82	(3.18)	10.91	(1.03)	17.78	(0.28)	60.05	(1.09)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

The model is run only for the OECD countries where the data are available.

This is a regression model with country fixed effects and interactions between individual pre-primary school attendance, individual immigrant status and one of the system-level quality indicators.

Variables included in the model are: *escs*, *xescs*, *immig*, *attendance*, *attendance*immig*, *attendance*immig*quality indicator*, country fixed effect

escs= PISA index of economic, social and cultural status (student-level variable)

xescs=school average of *escs* (school-level variable)

immig: 0= native student, 1=student with an immigrant background (student-level variable)

attendance: 0=not attended pre-primary school, 1=attended pre-primary school (student-level variable)


Quality indicators are:

Percentage of students attended pre-primary school (system-level variable)

Average duration of pre-primary school (system-level variable)

Pupils-to-teacher ratio in pre-primary schools (system-level variable)

Public expenditure on pre-primary school per student (ppp) (system-level variable)

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[Part 1/2]

Residuals in performance for the bottom and top quarters of the PISA index of economic, social and cultural status (ESCS), by schools' socio-economic background¹Table II.5.10 *Results based on students' self-reports*

	Schools with disadvantaged socio-economic intake								Schools with average or mixture of socio-economic intake																																																																																																																																																																																																																																																																																																																																																																																								
	Percentage of students		Students in the bottom quarter of ESCS				Students in the top quarter of ESCS				Percentage of students		Students in the bottom quarter of ESCS				Students in the top quarter of ESCS																																																																																																																																																																																																																																																																																																																																																																																
			Percentage of students	Difference between observed and predicted reading performance		Percentage of students	Difference between observed and predicted reading performance		Percentage of students	Difference between observed and predicted reading performance			Percentage of students	Difference between observed and predicted reading performance		Percentage of students	Difference between observed and predicted reading performance																																																																																																																																																																																																																																																																																																																																																																																
	S.E.	Score dif.		S.E.	Score dif.		S.E.	Score dif.		S.E.	S.E.	Score dif.		S.E.	S.E.		Score dif.	S.E.	S.E.	Score dif.	S.E.																																																																																																																																																																																																																																																																																																																																																																												
OECD	Australia	33.0 (2.1)	57.8 (2.7)	-15 (3.7)	10.6 (1.0)	-32 (7.1)	38.3 (2.4)	34.5 (2.6)	11 (3.8)	33.9 (2.6)	-19 (3.8)	Austria	29.7 (2.5)	54.6 (3.4)	-35 (4.8)	6.8 (1.1)	-77 (9.7)	42.6 (3.5)	37.2 (3.6)	28 (7.2)	37.8 (4.0)	-24 (6.3)	Belgium	32.1 (2.5)	58.7 (3.2)	-26 (4.9)	8.1 (1.1)	-80 (8.1)	36.3 (3.1)	33.8 (3.3)	27 (5.2)	27.5 (2.8)	-22 (5.4)	Canada	19.0 (1.7)	37.3 (2.8)	-9 (4.2)	5.3 (0.8)	-38 (5.4)	59.6 (2.1)	56.4 (2.8)	9 (2.6)	54.4 (2.6)	-4 (3.0)	Chile	45.5 (3.1)	80.8 (3.1)	-1 (4.1)	10.1 (1.4)	-46 (7.8)	21.5 (3.0)	15.4 (2.9)	17 (6.6)	14.0 (2.2)	-41 (7.2)	Czech Republic	22.0 (3.0)	41.4 (4.4)	-28 (5.7)	6.9 (1.3)	-73 (9.4)	56.3 (3.8)	54.0 (4.5)	10 (4.4)	48.1 (3.8)	-31 (5.5)	Denmark	18.6 (2.3)	35.9 (3.6)	-13 (4.2)	5.6 (0.9)	-7 (8.8)	60.1 (3.3)	58.5 (3.8)	5 (3.4)	53.4 (4.3)	-6 (3.1)	Estonia	20.1 (2.7)	37.0 (4.4)	-6 (7.2)	7.2 (1.1)	-25 (12.1)	54.9 (3.2)	55.4 (4.4)	5 (4.3)	48.4 (3.5)	-11 (4.5)	Finland	15.9 (2.2)	26.1 (3.5)	1 (7.2)	6.0 (1.1)	17 (12.1)	62.5 (3.8)	65.0 (4.0)	0 (3.8)	54.0 (4.7)	-5 (3.8)	France	29.7 (2.7)	56.8 (3.7)	-39 (7.4)	6.4 (1.2)	-108 (16.4)	44.2 (4.0)	37.1 (3.8)	43 (7.8)	37.9 (4.7)	-15 (8.7)	Germany	24.9 (2.4)	49.6 (3.5)	-42 (5.2)	4.8 (0.9)	-113 (12.3)	48.0 (3.1)	43.8 (3.4)	17 (5.4)	40.4 (3.8)	-34 (5.5)	Greece	24.6 (3.0)	49.8 (4.2)	-37 (10.9)	5.3 (1.1)	-78 (21.2)	48.9 (3.8)	43.0 (4.1)	24 (5.7)	41.1 (3.9)	2 (4.7)	Hungary	33.0 (2.7)	68.8 (3.3)	-23 (5.7)	5.9 (1.1)	-73 (13.7)	32.7 (3.7)	24.8 (3.3)	27 (8.1)	24.8 (3.2)	-39 (6.6)	Iceland	20.4 (0.2)	39.1 (1.4)	-3 (5.4)	7.2 (0.7)	-10 (11.8)	47.3 (0.2)	48.2 (1.5)	-1 (4.6)	40.4 (1.4)	-12 (4.5)	Ireland	24.6 (3.3)	45.6 (4.9)	-20 (7.5)	6.1 (1.2)	-21 (14.1)	55.3 (3.9)	50.6 (4.8)	12 (4.5)	50.0 (4.6)	-4 (4.4)	Israel	27.0 (3.4)	52.1 (4.9)	-11 (8.9)	7.9 (1.4)	-88 (19.0)	39.4 (3.7)	39.9 (4.8)	-8 (7.2)	31.8 (3.7)	-40 (8.4)	Italy	32.2 (1.3)	59.3 (1.8)	-33 (4.4)	8.8 (0.6)	-85 (5.9)	37.4 (1.7)	33.0 (1.9)	32 (4.1)	31.0 (1.6)	-29 (4.0)	Japan	30.1 (2.4)	56.6 (3.4)	-33 (7.4)	11.2 (1.3)	-96 (9.7)	39.2 (3.2)	35.6 (3.3)	28 (7.1)	34.2 (3.3)	-23 (6.7)	Korea	29.4 (3.1)	57.9 (3.7)	-23 (7.2)	8.4 (1.9)	-60 (12.6)	45.8 (3.9)	35.8 (3.7)	25 (4.4)	42.1 (4.9)	-5 (4.2)	Luxembourg	46.0 (0.2)	73.9 (1.2)	-17 (3.0)	19.1 (1.1)	-70 (7.6)	22.2 (0.1)	17.7 (1.0)	17 (6.3)	20.2 (1.0)	-14 (5.6)	Mexico	33.3 (1.6)	68.8 (1.7)	-11 (3.7)	6.0 (0.6)	-52 (4.9)	37.8 (1.8)	27.6 (1.7)	20 (4.0)	30.0 (2.1)	-25 (3.1)	Netherlands	21.5 (3.3)	40.9 (4.9)	-20 (5.8)	4.8 (1.0)	-94 (10.5)	54.7 (3.5)	51.9 (4.6)	13 (9.7)	47.4 (3.9)	-23 (10.7)	New Zealand	24.1 (2.5)	45.1 (3.9)	-13 (6.5)	6.2 (1.1)	-31 (15.1)	49.8 (2.9)	48.5 (3.8)	14 (4.5)	44.1 (2.9)	-6 (4.9)	Norway	12.4 (2.4)	22.3 (3.9)	0 (7.5)	3.9 (0.8)	-24 (11.8)	71.6 (3.7)	72.6 (4.0)	-4 (3.4)	65.5 (4.7)	-7 (4.6)	Poland	30.0 (3.2)	50.8 (4.5)	-8 (4.5)	9.1 (1.5)	-8 (8.2)	50.7 (4.0)	44.4 (4.5)	5 (4.4)	47.0 (4.6)	-4 (4.5)	Portugal	32.2 (3.1)	56.4 (3.8)	-17 (6.0)	7.6 (1.1)	-56 (7.3)	44.6 (3.3)	38.2 (3.7)	21 (4.4)	40.2 (3.5)	-10 (3.6)	Slovak Republic	25.3 (2.8)	45.8 (4.3)	-26 (7.1)	7.7 (1.3)	-74 (8.3)	51.2 (3.9)	48.1 (4.3)	5 (5.4)	44.8 (4.5)	-35 (5.3)	Slovenia	29.6 (0.4)	54.4 (1.3)	-25 (2.7)	6.8 (0.6)	-92 (7.8)	42.0 (0.4)	38.5 (1.3)	23 (3.7)	35.8 (1.3)	-31 (4.4)	Spain	31.9 (2.8)	57.1 (3.7)	-7 (4.4)	9.9 (1.6)	-15 (5.5)	43.7 (2.6)	38.5 (3.5)	11 (4.1)	34.6 (2.4)	-10 (3.6)	Sweden	19.8 (2.7)	34.1 (4.4)	-9 (7.7)	6.4 (1.2)	-18 (13.6)	60.7 (3.5)	60.4 (4.5)	-2 (4.5)	55.6 (4.1)	-13 (4.8)	Switzerland	26.0 (3.1)	43.7 (4.0)	-17 (7.9)	9.3 (1.5)	-42 (6.8)	48.4 (3.2)	48.3 (3.8)	2 (4.2)	39.0 (3.4)	-25 (4.9)	Turkey	35.1 (3.5)	63.6 (4.1)	-14 (4.0)	8.9 (1.5)	-47 (6.6)	34.2 (3.3)	29.0 (3.7)	10 (5.7)	27.4 (3.3)	-28 (5.5)	United Kingdom	26.5 (2.6)	48.3 (3.6)	-16 (5.0)	7.7 (1.1)	-61 (11.0)	50.2 (3.4)	45.4 (3.6)	10 (3.8)	44.2 (3.7)	-12 (4.1)	United States	32.2 (3.5)	60.6 (4.0)	-6 (4.9)	9.1 (1.6)	-43 (7.9)	38.0 (3.5)	32.9 (3.8)	13 (5.3)	29.7 (3.8)	2 (5.1)	OECD average	27.6 (0.4)	50.9 (0.6)	-18 (1.0)	7.7 (0.2)	-54 (1.9)	46.2 (0.5)	42.5 (0.6)	14 (0.9)	39.7 (0.6)	-18 (0.9)
Partners	Albania	26.4 (2.6)	55.2 (3.7)	-5 (9.2)	5.6 (1.1)	-79 (15.8)	45.5 (3.6)	40.3 (3.8)	14 (5.9)	38.1 (4.0)	-31 (6.2)	Argentina	33.1 (3.5)	62.1 (4.4)	-8 (6.8)	5.6 (1.2)	-85 (21.2)	36.1 (3.5)	34.2 (4.0)	25 (8.6)	24.1 (3.5)	-44 (10.8)	Azerbaijan	32.1 (3.3)	61.4 (4.4)	-3 (8.4)	9.3 (1.6)	-30 (10.9)	36.3 (4.1)	31.4 (4.2)	6 (5.9)	31.3 (4.1)	-23 (4.8)	Brazil	33.9 (2.7)	65.1 (2.8)	-2 (3.3)	9.6 (1.2)	-66 (7.7)	41.7 (2.6)	31.7 (2.6)	20 (4.6)	33.9 (2.3)	-40 (4.8)	Bulgaria	27.4 (3.6)	58.2 (5.2)	-26 (5.0)	5.4 (1.0)	-120 (14.0)	41.4 (3.9)	35.3 (4.8)	21 (10.5)	33.5 (4.1)	-41 (7.0)	Colombia	37.3 (3.6)	70.5 (4.2)	-3 (5.7)	11.4 (2.0)	-50 (9.6)	31.1 (3.8)	26.7 (4.2)	18 (5.5)	21.3 (3.0)	-31 (7.2)	Croatia	30.5 (3.2)	52.0 (4.2)	-24 (5.2)	10.1 (1.6)	-50 (11.2)	45.8 (4.0)	42.7 (4.2)	17 (5.5)	40.8 (4.4)	-28 (6.3)	Dubai (UAE)	31.0 (0.1)	66.2 (1.3)	-18 (2.4)	9.7 (0.8)	-73 (8.6)	26.2 (0.2)	22.3 (1.1)	21 (5.5)	16.4 (1.0)	-31 (7.2)	Hong Kong-China	41.1 (3.5)	64.6 (4.0)	-16 (5.6)	12.0 (1.8)	-43 (8.0)	37.0 (3.7)	32.1 (3.9)	14 (7.3)	31.4 (4.2)	-8 (7.3)	Indonesia	38.9 (3.8)	69.8 (4.0)	0 (4.7)	9.3 (1.6)	-36 (8.7)	34.2 (3.8)	25.9 (3.8)	17 (6.9)	24.9 (4.0)	-28 (6.7)	Jordan	28.8 (3.3)	50.0 (4.3)	4 (5.8)	9.6 (1.4)	-5 (9.7)	48.4 (3.5)	46.6 (4.2)	-6 (5.7)	40.8 (3.5)	-8 (4.8)	Kazakhstan	23.7 (3.0)	49.6 (4.3)	-11 (6.4)	6.9 (1.3)	-54 (9.8)	49.9 (3.3)	44.8 (4.0)	1 (5.1)	41.3 (3.7)	-20 (5.3)	Kyrgyzstan	29.4 (3.3)	55.4 (4.3)	0 (6.2)	11.0 (1.6)	-53 (7.9)	44.6 (3.6)	39.4 (4.2)	9 (5.8)	36.6 (3.1)	-37 (6.5)	Latvia	24.6 (3.4)	47.4 (4.9)	-3 (8.3)	5.9 (1.3)	-19 (10.0)	49.5 (4.1)	45.8 (4.8)	5 (5.1)	44.0 (4.6)	-13 (4.6)	Liechtenstein	27.1 (0.5)	40.9 (3.6)	-23 (12.0)	9.7 (2.8)	-46 (25.3)	46.9 (0.6)	51.7 (3.8)	-5 (9.7)	38.6 (4.9)	-51 (11.8)	Lithuania	24.3 (2.4)	45.7 (3.6)	-19 (5.0)	5.7 (0.9)	-38 (11.4)	49.5 (3.3)	48.3 (3.7)	15 (4.0)	42.6 (3.7)	-20 (5.0)	Macao-China	60.1 (0.0)	81.3 (0.9)	-6 (2.0)	32.3 (1.0)	-13 (4.1)	13.5 (0.0)	11.0 (0.7)	16 (4.9)	12.1 (0.7)	-10 (5.9)	Montenegro	37.3 (1.1)	63.4 (2.0)	-21 (3.1)	16.7 (1.0)	-52 (6.7)	24.4 (0.5)	21.3 (1.5)	-1 (5.5)	21.6 (1.1)	-38 (6.6)	Panama	38.0 (4.6)	70.5 (5.4)	17 (10.1)	7.6 (2.2)	-42 (16.0)	33.2 (4.7)	27.7 (5.3)	8 (9.7)	19.0 (4.6)	-53 (13.7)	Peru	38.7 (2.6)	78.5 (2.5)	-10 (4.0)	8.8 (1.3)	-92 (8.6)	26.7 (2.9)	18.3 (2.4)	19 (7.3)	19.1 (3.0)	-45 (5.8)	Qatar	30.4 (0.1)	59.7 (0.7)	0 (2.2)	10.7 (0.5)	-35 (6.4)	29.6 (0.2)	27.4 (0.8)	-20 (4.2)	22.3 (0.8)	-55 (5.4)	Romania	28.0 (3.0)	53.2 (4.1)	-31 (8.3)	7.4 (1.3)	-78 (13.4)	41.3 (3.9)	37.3 (4.0)	21 (6.0)	32.1 (4.3)	-25 (6.6)	Russian Federation	27.0 (2.9)	50.5 (4.0)	-2 (5.5)	7.5 (1.3)	-29 (17.1)	45.9 (3.6)	42.7 (4.0)	0 (4.4)	37.2 (3.5)	-26 (4.9)	Serbia	33.3 (3.5)	52.9 (4.4)	-20 (5.3)	12.7 (1.9)	-62 (8.6)	43.7 (3.5)	41.0 (4.1)	20 (5.4)	38.0 (3.8)	-18 (6.4)	Shanghai-China	35.8 (3.1)	68.8 (3.8)	-15 (5.3)	8.3 (1.3)	-57 (9.1)	30.5 (3.7)	25.0 (3.8)	31 (6.6)	24.9 (3.9)	-19 (6.2)	Singapore	23.7 (0.3)	38.7 (1.1)	-16 (3.5)	9.5 (0.7)	-55 (9.1)	54.6 (0.7)	56.8 (1.1)	5 (3.0)	45.7 (1.3)	-22 (3.7)	Chinese Taipei	28.2 (3.0)	50.9 (4.3)	-16 (5.1)	10.4 (1.8)	-56 (9.1)	45.0 (3.9)	40.3 (4.4)	15 (4.7)	40.9 (4.2)	-13 (4.5)	Thailand	43.0 (2.8)	77.0 (3.1)	2 (4.3)	6.6 (1.1)	-51 (10.5)	23.7 (3.0)	17.7 (3.0)	10 (6.7)	17.4 (2.7)	-43 (7.1)	Trinidad and Tobago	29.2 (0.3)	50.7 (1.4)	-3 (4.6)	9.3 (1.0)	-123 (12.7)	44.1 (0.4)	43.0 (1.3)	30 (4.8)	34.8 (1.3)	-50 (4.9)	Tunisia	31.2 (3.3)	62.2 (4.1)	-6 (5.3)	7.6 (1.4)	-56 (12.2)	39.7 (3.8)	31.6 (3.9)	14 (5.2)	34.7 (4.3)	-12 (6.9)	Uruguay	37.7 (2.2)	65.8 (2.8)	-15 (4.1)	8.8 (1.1)	-66 (9.7)	37.0 (2.4)	30.7 (2.8)	25 (5.0)	31.1 (2.4)	-19 (5.7)																																												

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Schools with an average or mixture of socio-economic intake are not statistically significantly different from the country average. Schools with an advantaged (disadvantaged) socio-economic intake are above (below) the country average.

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[Part 2/2]

Residuals in performance for the bottom and top quarters of the PISA index of economic, social and cultural status (ESCS), by schools' socio-economic background¹Table II.5.10 *Results based on students' self-reports*

	Schools with advantaged of socio-economic intake											
			Students in the bottom quarter of ESCS				Students in the top quarter of ESCS					
			Percentage of students		S.E.		Difference between observed and predicted reading performance		Percentage of students		Difference between observed and predicted reading performance	
							Score dif.	S.E.			Score dif.	S.E.
	Percentage of students	S.E.	Percentage of students	S.E.	Score dif.	S.E.	Percentage of students	S.E.	Score dif.	S.E.		
OECD	Australia	28.7	(1.8)	7.7	(0.9)	49	(8.4)	55.5	(2.5)	19	(4.6)	
	Austria	27.7	(2.8)	8.2	(1.1)	97	(9.9)	55.4	(4.0)	29	(6.4)	
	Belgium	31.7	(1.8)	7.5	(0.9)	88	(7.0)	64.4	(2.6)	25	(3.3)	
	Canada	21.4	(1.6)	6.2	(0.8)	27	(7.7)	40.3	(2.7)	18	(3.8)	
	Chile	32.9	(2.5)	3.7	(0.8)	58	(13.0)	76.0	(2.5)	18	(3.3)	
	Czech Republic	21.7	(2.1)	4.6	(0.8)	92	(14.5)	45.1	(3.4)	44	(6.1)	
	Denmark	21.4	(2.7)	5.6	(1.1)	20	(10.2)	41.1	(4.4)	7	(4.6)	
	Estonia	24.9	(2.4)	7.6	(1.2)	35	(7.7)	44.5	(3.5)	23	(6.7)	
	Finland	21.6	(3.2)	8.8	(1.7)	-10	(9.5)	40.0	(4.8)	1	(3.8)	
	France	26.2	(3.1)	6.2	(1.2)	79	(11.4)	55.7	(4.8)	24	(6.0)	
	Germany	27.1	(2.4)	6.6	(1.0)	103	(9.7)	54.8	(3.9)	29	(3.7)	
	Greece	26.5	(3.3)	7.2	(1.3)	49	(6.1)	53.6	(4.0)	8	(4.9)	
	Hungary	34.3	(2.8)	6.4	(1.0)	104	(7.7)	69.3	(3.1)	16	(3.6)	
	Iceland	32.3	(0.2)	12.8	(1.1)	10	(8.8)	52.4	(1.5)	9	(3.6)	
	Ireland	20.1	(2.5)	3.8	(0.6)	31	(17.5)	43.8	(4.6)	3	(5.5)	
	Israel	33.6	(2.8)	8.0	(1.2)	49	(10.7)	60.2	(3.5)	38	(4.7)	
	Italy	30.4	(1.2)	7.8	(0.6)	78	(3.8)	60.2	(1.7)	21	(2.6)	
	Japan	30.7	(2.5)	7.8	(1.2)	84	(8.0)	54.6	(3.2)	30	(5.1)	
	Korea	24.8	(3.6)	6.3	(1.3)	40	(10.5)	49.5	(5.3)	14	(6.7)	
	Luxembourg	31.8	(0.1)	8.3	(0.8)	78	(8.3)	60.7	(1.3)	26	(2.9)	
	Mexico	28.9	(1.5)	3.6	(0.3)	54	(5.6)	64.0	(2.2)	17	(3.0)	
	Netherlands	23.7	(2.5)	7.2	(1.3)	95	(7.9)	47.7	(3.9)	43	(5.1)	
	New Zealand	26.0	(1.9)	6.5	(1.0)	51	(10.3)	49.6	(2.9)	15	(4.5)	
	Norway	16.1	(2.9)	5.1	(1.1)	5	(9.0)	30.7	(4.6)	12	(6.2)	
	Poland	19.3	(2.7)	4.8	(0.9)	24	(14.3)	44.0	(4.6)	6	(6.2)	
	Portugal	23.2	(2.6)	5.5	(1.2)	58	(12.1)	52.2	(3.7)	12	(4.6)	
	Slovak Republic	23.5	(2.7)	6.1	(1.3)	91	(12.0)	47.5	(4.4)	36	(5.1)	
	Slovenia	28.4	(0.3)	7.1	(1.0)	105	(7.2)	57.4	(1.2)	34	(2.8)	
	Spain	24.4	(1.8)	4.4	(0.6)	27	(8.3)	55.5	(2.8)	10	(4.7)	
	Sweden	19.6	(2.6)	5.5	(1.3)	34	(9.8)	37.9	(4.1)	22	(6.7)	
	Switzerland	25.6	(2.7)	8.0	(1.3)	81	(11.3)	51.6	(3.7)	33	(5.4)	
	Turkey	30.6	(3.1)	7.4	(1.3)	86	(8.9)	63.6	(3.5)	20	(5.7)	
	United Kingdom	23.3	(2.3)	6.4	(0.9)	38	(9.0)	48.1	(3.7)	25	(4.3)	
	United States	29.9	(3.6)	6.4	(1.4)	28	(11.1)	61.2	(4.5)	20	(6.0)	
	OECD average	26.2	(0.4)	6.6	(0.2)	57	(1.7)	52.6	(0.6)	21	(0.8)	
Partners	Albania	28.1	(3.3)	4.5	(1.0)	50	(13.2)	56.3	(4.2)	30	(6.1)	
	Argentina	30.8	(3.3)	3.7	(0.9)	97	(10.2)	70.2	(3.8)	33	(4.8)	
	Azerbaijan	31.6	(3.2)	7.2	(1.4)	27	(7.8)	59.3	(4.2)	19	(5.9)	
	Brazil	24.9	(2.1)	3.2	(0.6)	46	(13.3)	56.5	(2.5)	40	(5.4)	
	Bulgaria	31.2	(3.4)	6.5	(1.3)	97	(12.6)	61.2	(4.4)	35	(7.3)	
	Colombia	31.6	(3.3)	2.8	(0.6)	64	(12.6)	67.3	(3.5)	23	(5.0)	
	Croatia	23.7	(3.0)	5.2	(1.2)	79	(10.2)	49.2	(4.5)	30	(5.5)	
	Dubai (UAE)	42.8	(0.1)	11.6	(0.9)	27	(8.3)	73.9	(1.2)	17	(3.0)	
	Hong Kong-China	21.9	(2.9)	3.2	(0.8)	93	(13.1)	56.6	(4.7)	13	(6.5)	
	Indonesia	26.9	(3.8)	4.3	(1.1)	41	(15.0)	65.8	(4.7)	20	(6.9)	
	Jordan	22.8	(2.5)	3.5	(0.8)	32	(11.5)	49.5	(3.6)	13	(8.9)	
	Kazakhstan	26.4	(3.0)	5.6	(1.2)	36	(10.1)	51.8	(3.9)	24	(8.2)	
	Kyrgyzstan	25.9	(2.2)	5.2	(1.0)	52	(11.7)	52.4	(3.0)	47	(7.7)	
	Latvia	25.8	(3.2)	6.8	(1.3)	43	(9.6)	50.1	(4.7)	17	(4.8)	
	Liechtenstein	25.9	(0.4)	7.4	(3.0)	83	(17.9)	51.6	(4.9)	45	(9.4)	
	Lithuania	26.3	(2.5)	6.0	(1.1)	55	(9.3)	51.7	(3.6)	28	(4.8)	
	Macao-China	26.4	(0.0)	7.7	(0.8)	12	(7.3)	55.6	(1.0)	5	(2.5)	
	Montenegro	38.4	(0.7)	15.2	(1.0)	65	(6.7)	61.6	(1.0)	28	(3.0)	
	Panama	28.8	(4.2)	1.8	(0.8)	33	(23.3)	73.4	(5.4)	41	(11.9)	
	Peru	34.7	(2.9)	3.2	(0.7)	62	(16.7)	72.1	(3.4)	17	(6.5)	
	Qatar	39.9	(0.2)	12.9	(0.7)	6	(6.6)	67.0	(0.8)	18	(2.8)	
	Romania	30.7	(3.6)	9.5	(1.6)	52	(12.2)	60.5	(4.6)	21	(6.9)	
	Russian Federation	27.1	(2.7)	6.8	(1.2)	37	(9.4)	55.3	(3.4)	25	(7.0)	
	Serbia	23.0	(2.5)	6.2	(1.3)	72	(9.6)	49.2	(3.6)	32	(4.2)	
	Shanghai-China	33.7	(3.1)	6.2	(1.0)	59	(7.1)	66.8	(4.0)	17	(4.2)	
	Singapore	21.7	(0.5)	4.5	(0.6)	98	(13.1)	44.9	(1.2)	41	(3.7)	
	Chinese Taipei	26.9	(2.8)	8.7	(1.5)	43	(11.0)	48.7	(4.0)	28	(7.0)	
	Thailand	33.3	(2.6)	5.3	(1.0)	48	(12.3)	76.1	(2.9)	18	(5.3)	
	Trinidad and Tobago	26.6	(0.2)	6.4	(0.6)	123	(11.3)	55.9	(1.4)	62	(3.1)	
	Tunisia	29.1	(3.6)	6.2	(1.6)	46	(13.8)	57.7	(4.5)	22	(6.8)	
	Uruguay	25.3	(1.4)	3.4	(0.7)	68	(9.5)	60.1	(2.3)	20	(4.4)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

1. Schools with an average or mixture of socio-economic intake are not statistically significantly different from the country average. Schools with an advantaged (disadvantaged) socio-economic intake are above (below) the country average.

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ANNEX B2

RESULTS FOR REGIONS WITHIN COUNTRIES


[Part 1/1]

Performance by proficiency level in reading and socio-economic background

Table S.II.a Results based on students' self-reports

	Percentage of students who are								Average index of socio-economic background							
	Top performers (Levels 5 or 6) in reading		Strong performers (Level 4) in reading		Moderate performers (Levels 2 or 3) in reading		Lowest performers (below Level 2) in reading		Top performers (Levels 5 or 6) in reading		Strong performers (Level 4) in reading		Moderate performers (Levels 2 or 3) in reading		Lowest performers (below Level 2) in reading	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
Adjudicated																
Belgium (Flemish Community)	12.6	(0.9)	27.1	(1.0)	47.3	(1.3)	13.0	(0.8)	0.79	(0.0)	0.50	(0.0)	0.03	(0.0)	-0.38	(0.0)
Spain (Andalusia)	1.7	(0.6)	12.2	(1.4)	60.5	(1.9)	25.6	(2.4)	0.32	(0.3)	0.11	(0.1)	-0.50	(0.1)	-1.13	(0.1)
Spain (Aragon)	4.8	(0.8)	21.3	(1.3)	58.7	(1.9)	15.1	(1.6)	0.49	(0.1)	0.13	(0.1)	-0.26	(0.1)	-0.75	(0.1)
Spain (Asturias)	5.7	(1.0)	21.3	(1.9)	55.3	(1.8)	17.7	(1.4)	0.49	(0.2)	0.21	(0.1)	-0.28	(0.1)	-0.78	(0.1)
Spain (Balearic Islands)	1.8	(0.7)	13.3	(1.9)	57.7	(1.9)	27.2	(2.5)	0.45	(0.3)	0.28	(0.2)	-0.22	(0.1)	-0.74	(0.1)
Spain (Basque Country)	4.5	(0.5)	20.5	(0.8)	60.0	(1.2)	14.9	(1.2)	0.48	(0.1)	0.22	(0.1)	-0.12	(0.0)	-0.51	(0.1)
Spain (Canary Islands)	1.8	(0.5)	10.9	(0.9)	55.0	(2.0)	32.3	(2.2)	0.23	(0.3)	-0.08	(0.1)	-0.56	(0.0)	-0.97	(0.1)
Spain (Cantabria)	4.7	(0.8)	19.2	(1.8)	58.2	(1.5)	17.8	(1.4)	0.36	(0.1)	0.23	(0.1)	-0.22	(0.1)	-0.71	(0.1)
Spain (Castile and Leon)	6.2	(1.1)	22.8	(1.7)	58.1	(1.8)	12.9	(1.7)	0.50	(0.1)	0.21	(0.1)	-0.30	(0.1)	-0.75	(0.1)
Spain (Catalonia)	3.8	(0.7)	23.0	(2.0)	59.9	(2.0)	13.4	(1.8)	0.24	(0.2)	0.10	(0.1)	-0.29	(0.1)	-0.89	(0.1)
Spain (Ceuta and Melilla)	1.3	(0.4)	7.9	(0.8)	43.6	(1.4)	47.2	(1.3)	c	c	0.47	(0.1)	-0.26	(0.0)	-1.03	(0.0)
Spain (Galicia)	3.5	(0.8)	19.6	(1.4)	58.6	(1.5)	18.3	(1.6)	0.25	(0.2)	-0.02	(0.1)	-0.44	(0.1)	-0.74	(0.1)
Spain (La Rioja)	6.1	(0.9)	23.7	(1.4)	53.4	(1.8)	16.9	(1.2)	0.49	(0.1)	0.13	(0.1)	-0.37	(0.0)	-0.83	(0.1)
Spain (Madrid)	6.0	(1.2)	23.4	(1.7)	57.9	(1.8)	12.7	(1.5)	0.72	(0.2)	0.37	(0.2)	-0.19	(0.1)	-0.71	(0.1)
Spain (Murcia)	2.5	(0.5)	15.9	(1.6)	62.9	(1.9)	18.6	(2.1)	0.44	(0.2)	0.21	(0.2)	-0.46	(0.1)	-1.00	(0.1)
Spain (Navarre)	5.0	(1.0)	22.1	(1.5)	58.4	(1.7)	14.6	(1.2)	0.52	(0.2)	0.32	(0.1)	-0.30	(0.0)	-0.70	(0.1)
United Kingdom (Scotland)	9.3	(0.9)	20.7	(1.1)	54.4	(1.3)	15.6	(1.0)	0.76	(0.1)	0.50	(0.0)	0.10	(0.0)	-0.25	(0.1)
Non-adjudicated																
Belgium (French Community)	9.8	(0.9)	23.0	(1.1)	45.3	(1.6)	21.9	(1.5)	0.92	(0.06)	0.64	(0.05)	0.12	(0.04)	-0.46	(0.05)
Belgium (German-Speaking Community)	6.5	(1.0)	23.7	(1.7)	52.9	(2.0)	16.9	(1.2)	0.68	(0.11)	0.44	(0.08)	0.19	(0.04)	-0.11	(0.07)
Finland (Finnish Speaking)	14.9	(0.8)	31.1	(0.9)	46.3	(1.2)	7.7	(0.6)	0.69	(0.03)	0.48	(0.03)	0.24	(0.03)	-0.07	(0.06)
Finland (Swedish Speaking)	8.4	(0.9)	25.7	(1.6)	54.0	(1.6)	12.0	(1.0)	1.05	(0.08)	0.80	(0.06)	0.48	(0.04)	0.19	(0.06)
Italy (Provincia Abruzzo)	3.5	(0.8)	19.2	(1.7)	56.4	(2.1)	20.9	(1.8)	0.65	(0.17)	0.36	(0.07)	-0.04	(0.05)	-0.49	(0.08)
Italy (Provincia Autonoma di Bolzano)	5.8	(0.6)	20.3	(1.3)	56.4	(1.6)	17.5	(1.3)	0.34	(0.10)	0.02	(0.04)	-0.26	(0.03)	-0.53	(0.08)
Italy (Provincia Basilicata)	3.2	(0.5)	15.6	(1.3)	57.2	(2.3)	24.1	(2.3)	0.38	(0.21)	0.14	(0.08)	-0.27	(0.03)	-0.65	(0.06)
Italy (Provincia Calabria)	1.5	(0.4)	11.1	(1.4)	54.6	(2.5)	32.9	(2.4)	c	c	0.32	(0.12)	-0.13	(0.07)	-0.69	(0.05)
Italy (Provincia Campania)	1.9	(0.5)	11.8	(1.9)	55.0	(2.6)	31.4	(2.7)	c	c	0.18	(0.13)	-0.26	(0.07)	-0.68	(0.06)
Italy (Provincia Emilia Romagna)	9.0	(1.0)	25.6	(2.0)	48.0	(2.3)	17.4	(1.7)	0.85	(0.11)	0.52	(0.08)	-0.08	(0.05)	-0.64	(0.10)
Italy (Provincia Friuli Venezia Giulia)	10.0	(1.3)	26.4	(1.9)	50.2	(2.2)	13.3	(1.7)	0.49	(0.09)	0.16	(0.06)	-0.13	(0.05)	-0.55	(0.07)
Italy (Provincia Lazio)	4.6	(1.0)	19.3	(1.2)	54.3	(1.9)	21.8	(1.7)	0.57	(0.13)	0.50	(0.10)	0.16	(0.06)	-0.29	(0.08)
Italy (Provincia Liguria)	6.2	(1.0)	20.8	(2.0)	54.7	(3.2)	18.3	(3.9)	0.46	(0.13)	0.27	(0.09)	0.03	(0.04)	-0.47	(0.10)
Italy (Provincia Lombardia)	10.9	(1.7)	28.1	(2.0)	49.4	(2.2)	11.6	(1.5)	0.45	(0.07)	0.26	(0.07)	-0.13	(0.04)	-0.82	(0.11)
Italy (Provincia Marche)	7.4	(1.1)	23.4	(1.8)	51.9	(2.6)	17.3	(3.3)	0.36	(0.10)	0.15	(0.06)	-0.16	(0.05)	-0.52	(0.06)
Italy (Provincia Molise)	2.0	(0.7)	15.3	(1.3)	60.0	(1.9)	22.8	(1.4)	c	c	0.45	(0.12)	-0.12	(0.05)	-0.59	(0.07)
Italy (Provincia Piemonte)	7.5	(1.2)	22.5	(1.7)	51.4	(2.0)	18.6	(2.4)	0.60	(0.10)	0.25	(0.06)	-0.25	(0.05)	-0.61	(0.13)
Italy (Provincia Puglia)	4.1	(0.9)	20.5	(1.7)	57.9	(2.3)	17.5	(1.7)	0.06	(0.14)	-0.06	(0.09)	-0.46	(0.06)	-0.81	(0.07)
Italy (Provincia Sardegna)	3.3	(0.7)	16.4	(1.4)	55.9	(1.8)	24.5	(1.8)	0.62	(0.25)	0.22	(0.11)	-0.29	(0.06)	-0.57	(0.06)
Italy (Provincia Sicilia)	2.7	(0.7)	13.4	(1.6)	52.5	(3.3)	31.4	(3.7)	0.80	(0.24)	0.39	(0.11)	-0.20	(0.08)	-0.67	(0.09)
Italy (Provincia Toscana)	6.4	(0.8)	23.6	(1.4)	50.9	(2.1)	19.1	(2.0)	0.50	(0.13)	0.31	(0.07)	0.02	(0.04)	-0.32	(0.06)
Italy (Provincia Trento)	9.5	(1.3)	24.7	(1.7)	51.6	(1.8)	14.3	(1.3)	0.44	(0.10)	0.10	(0.06)	-0.23	(0.04)	-0.52	(0.09)
Italy (Provincia Umbria)	6.9	(1.0)	22.1	(1.6)	51.1	(2.2)	19.9	(2.2)	0.69	(0.09)	0.44	(0.06)	0.03	(0.04)	-0.38	(0.06)
Italy (Provincia Valle d'Aosta)	9.3	(0.9)	25.9	(1.8)	53.5	(2.0)	11.3	(0.9)	0.35	(0.11)	0.10	(0.07)	-0.21	(0.05)	-0.56	(0.10)
Italy (Provincia Veneto)	7.5	(1.1)	24.3	(1.8)	53.7	(2.6)	14.5	(2.2)	0.48	(0.16)	0.18	(0.09)	-0.14	(0.06)	-0.48	(0.09)
United Kingdom (England)	8.2	(0.6)	20.3	(0.9)	54.1	(0.9)	17.4	(0.9)	0.74	(0.05)	0.53	(0.03)	0.14	(0.03)	-0.20	(0.04)
United Kingdom (Northern Ireland)	9.5	(0.7)	21.9	(1.2)	52.1	(1.8)	16.6	(1.7)	0.64	(0.07)	0.39	(0.05)	0.06	(0.03)	-0.36	(0.04)
United Kingdom (Wales)	5.1	(0.6)	16.1	(1.0)	56.5	(1.2)	22.3	(1.3)	0.65	(0.09)	0.46	(0.06)	0.15	(0.03)	-0.15	(0.03)

Note: See Table II.2.1 for national data.

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[Part 1/2]
Schools' average socio-economic background and resources
 Table S.II.b *Results based on students' self-reports and school principals' reports*

	Simple correlation between the schools' socio-economic background and:									
	Index of teacher shortage		Percentage of full-time teachers		Percentage of certified teachers among all full-time teachers		Percentage of teachers with university-level degree (ISCED 5A) among all full-time teachers		Index of school responsibility in resource allocation	
	Correlation	S.E.	Correlation	S.E.	Correlation	S.E.	Correlation	S.E.	Correlation	S.E.
Adjudicated										
Belgium (Flemish Community)	-0.09	(0.08)	-0.17	(0.07)	0.15	(0.07)	0.57	(0.04)	0.01	(0.10)
Spain (Andalusia)	0.07	(0.12)	-0.31	(0.20)	c	c	c	c	0.65	(0.10)
Spain (Aragon)	0.23	(0.14)	-0.30	(0.10)	c	c	c	c	0.59	(0.08)
Spain (Asturias)	-0.05	(0.12)	0.06	(0.10)	c	c	c	c	0.61	(0.09)
Spain (Balearic Islands)	-0.07	(0.16)	-0.38	(0.15)	c	c	c	c	0.50	(0.15)
Spain (Basque Country)	0.09	(0.07)	-0.09	(0.09)	c	c	c	c	0.30	(0.08)
Spain (Canary Islands)	-0.21	(0.12)	-0.51	(0.13)	c	c	c	c	0.56	(0.12)
Spain (Cantabria)	0.02	(0.11)	-0.48	(0.13)	c	c	c	c	0.52	(0.10)
Spain (Castile and Leon)	0.10	(0.17)	-0.19	(0.17)	c	c	c	c	0.44	(0.08)
Spain (Catalonia)	-0.11	(0.22)	-0.31	(0.15)	c	c	c	c	0.39	(0.11)
Spain (Ceuta and Melilla)	-0.15	(0.01)	-0.20	(0.01)	c	c	c	c	0.63	(0.01)
Spain (Galicia)	0.12	(0.14)	-0.29	(0.14)	c	c	c	c	0.27	(0.13)
Spain (La Rioja)	0.08	(0.01)	-0.07	(0.01)	c	c	c	c	0.38	(0.01)
Spain (Madrid)	-0.13	(0.11)	-0.08	(0.13)	c	c	c	c	0.41	(0.15)
Spain (Murcia)	0.16	(0.18)	-0.03	(0.17)	c	c	c	c	0.34	(0.16)
Spain (Navarre)	0.06	(0.11)	-0.35	(0.05)	c	c	c	c	0.61	(0.06)
United Kingdom (Scotland)	-0.14	(0.09)	-0.08	(0.11)	-0.26	(0.15)	-0.02	(0.16)	0.53	(0.09)
Non-adjudicated										
Belgium (French Community)	-0.30	(0.09)	-0.20	(0.10)	0.03	(0.14)	0.60	(0.14)	-0.03	(0.10)
Belgium (German-Speaking Community)	-0.46	(0.01)	0.12	(0.01)	0.53	(0.00)	0.81	(0.00)	-0.15	(0.01)
Finland (Finnish Speaking)	0.00	(0.08)	0.21	(0.06)	0.03	(0.10)	0.03	(0.10)	0.25	(0.12)
Finland (Swedish Speaking)	-0.21	(0.01)	-0.20	(0.01)	-0.06	(0.01)	-0.06	(0.01)	0.17	(0.01)
Italy (Provincia Abruzzo)	-0.10	(0.13)	-0.08	(0.14)	0.11	(0.07)	-0.02	(0.21)	0.32	(0.15)
Italy (Provincia Autonoma di Bolzano)	-0.16	(0.03)	0.07	(0.01)	0.41	(0.01)	0.29	(0.01)	0.22	(0.01)
Italy (Provincia Basilicata)	-0.14	(0.12)	0.35	(0.10)	0.37	(0.08)	0.38	(0.06)	0.00	(0.08)
Italy (Provincia Calabria)	0.08	(0.14)	-0.02	(0.15)	0.08	(0.26)	0.54	(0.07)	0.00	(0.05)
Italy (Provincia Campania)	0.27	(0.13)	-0.16	(0.19)	-0.12	(0.21)	-0.04	(0.15)	0.27	(0.12)
Italy (Provincia Emilia Romagna)	-0.14	(0.14)	-0.29	(0.15)	0.23	(0.08)	0.35	(0.14)	-0.17	(0.06)
Italy (Provincia Friuli Venezia Giulia)	0.01	(0.14)	0.43	(0.11)	0.36	(0.05)	-0.09	(0.09)	-0.09	(0.14)
Italy (Provincia Lazio)	0.15	(0.13)	0.08	(0.19)	0.27	(0.18)	0.14	(0.14)	-0.03	(0.16)
Italy (Provincia Liguria)	0.05	(0.13)	-0.08	(0.17)	0.57	(0.08)	-0.16	(0.14)	0.07	(0.12)
Italy (Provincia Lombardia)	0.01	(0.11)	-0.12	(0.12)	0.38	(0.08)	0.20	(0.12)	0.02	(0.09)
Italy (Provincia Marche)	-0.10	(0.17)	-0.04	(0.16)	0.29	(0.11)	-0.08	(0.20)	0.03	(0.19)
Italy (Provincia Molise)	-0.24	(0.01)	-0.04	(0.05)	0.14	(0.01)	0.08	(0.02)	0.01	(0.04)
Italy (Provincia Piemonte)	0.15	(0.12)	0.21	(0.16)	0.18	(0.13)	0.19	(0.16)	0.04	(0.11)
Italy (Provincia Puglia)	0.01	(0.13)	0.23	(0.15)	0.28	(0.17)	0.28	(0.09)	-0.17	(0.13)
Italy (Provincia Sardegna)	-0.24	(0.16)	-0.29	(0.20)	0.29	(0.08)	-0.30	(0.22)	0.35	(0.12)
Italy (Provincia Sicilia)	-0.12	(0.16)	0.18	(0.09)	0.12	(0.10)	0.06	(0.14)	0.38	(0.15)
Italy (Provincia Toscana)	0.01	(0.15)	-0.25	(0.10)	0.14	(0.18)	0.07	(0.19)	0.19	(0.06)
Italy (Provincia Trento)	0.24	(0.09)	-0.13	(0.04)	0.46	(0.09)	0.58	(0.03)	0.03	(0.02)
Italy (Provincia Umbria)	-0.04	(0.11)	-0.03	(0.11)	0.28	(0.18)	-0.01	(0.16)	-0.18	(0.10)
Italy (Provincia Valle d'Aosta)	-0.35	(0.01)	0.25	(0.01)	0.52	(0.01)	0.60	(0.01)	-0.17	(0.01)
Italy (Provincia Veneto)	-0.01	(0.16)	0.07	(0.17)	0.31	(0.19)	0.21	(0.16)	0.03	(0.23)
United Kingdom (England)	-0.16	(0.07)	-0.39	(0.07)	0.07	(0.09)	-0.18	(0.12)	0.14	(0.07)
United Kingdom (Northern Ireland)	-0.12	(0.09)	-0.04	(0.12)	0.20	(0.08)	c	c	0.04	(0.14)
United Kingdom (Wales)	-0.15	(0.09)	-0.26	(0.08)	0.04	(0.06)	0.17	(0.07)	0.12	(0.12)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.2.2 for national data.
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[Part 2/2]

Schools' average socio-economic background and resources

Table S.II.b Results based on students' self-reports and school principals' reports

	Simple correlation between the schools' socio-economic background and:									
	Index of school curriculum responsibility		Index of quality of school's educational resources		Computer/student ratio		Student/teacher ratio		School size	
	Correlation	S.E.	Correlation	S.E.	Correlation	S.E.	Correlation	S.E.	Correlation	S.E.
Adjudicated										
Belgium (Flemish Community)	-0.05	(0.08)	0.03	(0.08)	-0.25	(0.06)	0.68	(0.04)	0.31	(0.08)
Spain (Andalusia)	0.34	(0.12)	0.04	(0.10)	-0.15	(0.07)	0.56	(0.11)	0.49	(0.11)
Spain (Aragon)	0.26	(0.09)	0.17	(0.15)	0.20	(0.11)	0.63	(0.07)	0.33	(0.20)
Spain (Asturias)	0.40	(0.11)	0.27	(0.14)	-0.33	(0.12)	0.67	(0.06)	0.64	(0.05)
Spain (Balearic Islands)	0.05	(0.13)	0.05	(0.14)	-0.23	(0.09)	0.34	(0.19)	0.27	(0.15)
Spain (Basque Country)	0.22	(0.08)	0.06	(0.08)	-0.16	(0.05)	0.49	(0.05)	0.50	(0.06)
Spain (Canary Islands)	0.26	(0.22)	-0.07	(0.22)	-0.18	(0.08)	0.34	(0.22)	-0.01	(0.18)
Spain (Cantabria)	-0.15	(0.13)	-0.20	(0.15)	-0.36	(0.14)	0.57	(0.09)	0.30	(0.16)
Spain (Castile and Leon)	0.09	(0.12)	-0.19	(0.13)	-0.29	(0.16)	0.59	(0.09)	0.61	(0.09)
Spain (Catalonia)	-0.09	(0.16)	0.00	(0.10)	-0.19	(0.14)	0.29	(0.11)	0.19	(0.17)
Spain (Ceuta and Melilla)	0.13	(0.02)	-0.30	(0.01)	-0.16	(0.01)	0.67	(0.00)	0.16	(0.01)
Spain (Galicia)	0.07	(0.14)	-0.20	(0.10)	-0.51	(0.10)	0.51	(0.11)	0.60	(0.11)
Spain (La Rioja)	0.20	(0.01)	-0.09	(0.01)	-0.19	(0.01)	0.55	(0.00)	0.57	(0.01)
Spain (Madrid)	0.27	(0.16)	0.45	(0.13)	-0.13	(0.11)	0.38	(0.14)	0.64	(0.10)
Spain (Murcia)	0.20	(0.26)	-0.08	(0.19)	-0.15	(0.13)	0.47	(0.13)	0.45	(0.11)
Spain (Navarre)	0.16	(0.09)	0.16	(0.08)	0.32	(0.12)	0.66	(0.04)	0.61	(0.07)
United Kingdom (Scotland)	0.16	(0.11)	-0.11	(0.10)	0.12	(0.13)	0.03	(0.10)	0.16	(0.11)
Non-adjudicated										
Belgium (French Community)	0.25	(0.08)	0.00	(0.09)	-0.33	(0.08)	0.73	(0.06)	0.40	(0.09)
Belgium (German-Speaking Community)	0.02	(0.00)	0.20	(0.00)	-0.36	(0.01)	0.72	(0.00)	0.46	(0.00)
Finland (Finnish Speaking)	0.04	(0.10)	0.14	(0.09)	-0.02	(0.10)	0.13	(0.08)	0.36	(0.07)
Finland (Swedish Speaking)	-0.18	(0.01)	0.06	(0.01)	0.18	(0.01)	0.00	(0.00)	0.13	(0.01)
Italy (Provincia Abruzzo)	-0.23	(0.12)	0.31	(0.10)	-0.35	(0.13)	0.75	(0.08)	0.28	(0.08)
Italy (Provincia Autonoma di Bolzano)	0.04	(0.03)	0.25	(0.01)	0.00	(0.01)	-0.05	(0.01)	-0.32	(0.01)
Italy (Provincia Basilicata)	-0.15	(0.12)	0.40	(0.07)	-0.19	(0.08)	0.69	(0.04)	0.31	(0.07)
Italy (Provincia Calabria)	0.01	(0.15)	-0.08	(0.10)	-0.15	(0.13)	0.79	(0.04)	0.49	(0.09)
Italy (Provincia Campania)	-0.11	(0.14)	0.05	(0.08)	-0.18	(0.14)	0.60	(0.07)	0.16	(0.12)
Italy (Provincia Emilia Romagna)	0.17	(0.14)	0.11	(0.13)	-0.32	(0.12)	0.49	(0.12)	0.40	(0.14)
Italy (Provincia Friuli Venezia Giulia)	0.02	(0.08)	0.03	(0.14)	-0.35	(0.10)	0.52	(0.05)	0.17	(0.04)
Italy (Provincia Lazio)	0.14	(0.13)	0.12	(0.14)	-0.18	(0.24)	0.58	(0.06)	0.14	(0.11)
Italy (Provincia Liguria)	0.15	(0.12)	-0.08	(0.12)	-0.36	(0.10)	0.65	(0.06)	0.50	(0.09)
Italy (Provincia Lombardia)	0.15	(0.15)	0.16	(0.12)	-0.31	(0.09)	0.24	(0.16)	0.17	(0.10)
Italy (Provincia Marche)	0.17	(0.17)	0.05	(0.14)	-0.28	(0.08)	0.74	(0.06)	0.41	(0.08)
Italy (Provincia Molise)	0.18	(0.03)	0.50	(0.03)	-0.46	(0.03)	0.81	(0.01)	0.30	(0.01)
Italy (Provincia Piemonte)	0.19	(0.13)	0.26	(0.12)	-0.47	(0.08)	0.44	(0.14)	0.23	(0.13)
Italy (Provincia Puglia)	-0.04	(0.16)	0.10	(0.16)	-0.38	(0.12)	0.70	(0.06)	0.41	(0.11)
Italy (Provincia Sardegna)	0.17	(0.14)	0.17	(0.11)	-0.40	(0.09)	0.57	(0.10)	0.18	(0.13)
Italy (Provincia Sicilia)	0.07	(0.11)	0.25	(0.16)	-0.03	(0.13)	0.60	(0.08)	0.28	(0.12)
Italy (Provincia Toscana)	0.08	(0.12)	0.17	(0.17)	0.02	(0.16)	0.43	(0.16)	0.10	(0.07)
Italy (Provincia Trento)	0.12	(0.04)	0.21	(0.09)	-0.11	(0.03)	0.59	(0.04)	0.39	(0.03)
Italy (Provincia Umbria)	0.11	(0.10)	-0.20	(0.09)	-0.41	(0.09)	0.76	(0.03)	0.50	(0.07)
Italy (Provincia Valle d'Aosta)	-0.07	(0.01)	-0.07	(0.01)	-0.61	(0.00)	0.33	(0.01)	0.14	(0.01)
Italy (Provincia Veneto)	0.11	(0.12)	0.09	(0.11)	-0.33	(0.09)	0.44	(0.15)	0.25	(0.09)
United Kingdom (England)	0.10	(0.06)	0.01	(0.07)	0.00	(0.10)	-0.13	(0.07)	0.11	(0.08)
United Kingdom (Northern Ireland)	-0.08	(0.11)	0.03	(0.12)	-0.10	(0.10)	0.21	(0.11)	0.39	(0.08)
United Kingdom (Wales)	-0.02	(0.09)	-0.05	(0.08)	0.00	(0.10)	-0.08	(0.12)	0.29	(0.08)

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.2.2 for national data.

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[Part 1/3]

Reading performance and socio-economic background, by school location

Table S.II.c Results based on students' self-reports and school principals' reports

	Percentage of students					Average performance in reading						
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)	Students attending schools located in a small town (3 000 to about 15 000 people)	Students attending schools located in a town (15 000 to about 100 000 people)	Students attending schools located in a city (100 000 to about 1 000 000 people)	Students attending schools located in a large city (with over 1 000 000 people)	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)	Students attending schools located in a small town (3 000 to about 15 000 people)	Students attending schools located in a town (15 000 to about 100 000 people)	Students attending schools located in a city (100 000 to about 1 000 000 people)	Students attending schools located in a large city (with over 1 000 000 people)		
	% S.E.	% S.E.	% S.E.	% S.E.	% S.E.	Mean score S.E.	Mean score S.E.	Mean score S.E.	Mean score S.E.	Mean score S.E.		
Adjudicated												
Belgium (Flemish Community)	1.7 (0.9)	32.2 (3.6)	52.8 (4.2)	11.4 (2.3)	1.9 (1.2)	c c	533 (7.1)	515 (5.8)	503 (16.1)	c c		
Spain (Andalusia)	6.0 (3.2)	23.8 (4.9)	33.0 (6.0)	37.2 (6.5)	0.0 c	c c	447 (11.6)	463 (8.5)	469 (9.4)	c c		
Spain (Aragon)	8.8 (2.9)	20.9 (4.7)	17.7 (4.7)	52.5 (3.6)	0.0 c	479 (8.8)	462 (11.7)	507 (8.4)	508 (4.1)	c c		
Spain (Asturias)	10.0 (4.2)	27.4 (5.2)	18.9 (4.7)	43.8 (2.7)	0.0 c	490 (28.6)	470 (5.7)	479 (12.9)	508 (8.3)	c c		
Spain (Balearic Islands)	2.1 (2.1)	24.7 (6.3)	36.5 (6.7)	36.7 (4.6)	0.0 c	c c	458 (8.0)	443 (8.9)	473 (11.9)	c c		
Spain (Basque Country)	1.9 (1.0)	24.1 (2.8)	36.5 (2.9)	36.8 (3.0)	0.7 (0.7)	c c	490 (4.6)	487 (4.5)	506 (5.8)	c c		
Spain (Canary Islands)	8.1 (3.9)	34.7 (7.1)	37.2 (6.3)	20.0 (5.0)	0.0 c	c c	429 (8.1)	453 (10.3)	481 (13.1)	c c		
Spain (Cantabria)	13.1 (4.3)	33.8 (5.1)	23.1 (4.4)	30.0 (3.1)	0.0 c	486 (13.8)	479 (6.5)	479 (13.3)	505 (7.1)	c c		
Spain (Castile and Leon)	14.8 (5.2)	13.5 (4.3)	30.6 (6.0)	39.0 (5.2)	2.1 (2.1)	454 (11.0)	497 (8.9)	506 (6.3)	519 (6.7)	c c		
Spain (Catalonia)	0.0 c	15.3 (6.2)	41.6 (7.3)	22.4 (5.7)	20.6 (3.3)	c c	510 (17.8)	495 (8.6)	498 (13.7)	508 (8.8)		
Spain (Ceuta and Melilla)	0.0 c	0.0 c	100.0 (0.0)	0.0 c	0.0 c	c c	c c	412 (2.5)	c c	c c		
Spain (Galicia)	7.6 (3.4)	44.5 (5.3)	27.1 (6.4)	20.8 (4.7)	0.0 c	457 (14.7)	477 (5.9)	499 (8.3)	504 (8.9)	c c		
Spain (La Rioja)	3.4 (0.2)	31.4 (0.4)	19.7 (0.4)	45.5 (0.4)	0.0 c	c c	478 (4.5)	491 (5.9)	516 (3.5)	c c		
Spain (Madrid)	1.9 (1.8)	11.3 (5.0)	24.3 (5.4)	14.4 (2.4)	48.1 (3.7)	c c	462 (17.5)	489 (8.8)	512 (7.4)	518 (6.3)		
Spain (Murcia)	4.3 (3.1)	28.2 (5.4)	39.5 (5.1)	28.0 (5.0)	0.0 c	c c	463 (7.5)	484 (7.2)	493 (12.3)	c c		
Spain (Navarre)	7.3 (2.0)	27.6 (2.5)	22.8 (3.9)	42.3 (4.1)	0.0 c	454 (8.4)	486 (5.6)	492 (9.1)	515 (5.4)	c c		
United Kingdom (Scotland)	5.3 (2.3)	31.8 (4.3)	36.7 (4.1)	26.2 (3.8)	0.0 c	499 (10.3)	507 (7.2)	494 (3.6)	499 (7.9)	c c		
Non-adjudicated												
Belgium (French Community)	5.7 (2.5)	10.6 (2.8)	47.9 (5.4)	14.9 (3.7)	20.9 (3.9)	514 (41.2)	482 (16.0)	490 (9.2)	491 (17.6)	487 (18.6)		
Belgium (German-Speaking Community)	0.0 c	49.9 (0.2)	50.1 (0.2)	0.0 c	0.0 c	c c	501 (4.2)	c c	c c	c c		
Finland (Finnish Speaking)	10.6 (2.0)	26.0 (3.1)	37.2 (4.1)	26.1 (3.3)	0.0 c	529 (7.8)	534 (4.7)	538 (3.5)	544 (5.5)	c c		
Finland (Swedish Speaking)	19.4 (0.2)	35.8 (0.4)	23.6 (0.3)	21.3 (0.3)	0.0 c	495 (5.1)	503 (4.9)	519 (4.8)	532 (5.2)	c c		
Italy (Provincia Abruzzo)	1.6 (1.6)	13.4 (5.9)	62.6 (5.2)	22.4 (4.0)	0.0 c	c c	458 (40.4)	489 (9.5)	480 (10.9)	c c		
Italy (Provincia Autonoma di Bolzano)	1.8 (0.1)	27.7 (0.6)	57.4 (0.9)	13.1 (0.3)	0.0 c	c c	486 (2.9)	495 (5.6)	483 (5.2)	c c		
Italy (Provincia Basilicata)	3.4 (2.0)	47.2 (6.0)	49.3 (5.5)	0.0 c	0.0 c	c c	464 (10.0)	484 (5.1)	c c	c c		
Italy (Provincia Calabria)	0.0 c	44.8 (5.7)	45.6 (6.4)	9.5 (3.0)	0.0 c	c c	435 (8.2)	455 (10.5)	473 (22.2)	c c		
Italy (Provincia Campania)	0.6 (0.6)	12.0 (4.9)	54.2 (7.0)	18.6 (4.4)	14.6 (4.7)	c c	455 (23.5)	447 (10.0)	465 (14.1)	444 (34.4)		
Italy (Provincia Emilia Romagna)	0.0 c	13.3 (4.8)	33.0 (5.9)	53.7 (6.9)	0.0 c	c c	456 (25.0)	512 (11.6)	508 (10.6)	c c		
Italy (Provincia Friuli Venezia Giulia)	0.3 (0.0)	27.4 (5.7)	56.7 (5.3)	15.6 (4.1)	0.0 c	c c	481 (16.0)	535 (7.5)	531 (8.9)	c c		
Italy (Provincia Lazio)	0.0 c	5.7 (3.5)	46.4 (8.6)	3.5 (3.3)	44.3 (7.3)	c c	c c	474 (11.4)	c c	497 (10.3)		
Italy (Provincia Liguria)	0.0 c	8.3 (4.6)	62.6 (5.6)	29.1 (3.9)	0.0 c	c c	c c	502 (13.2)	478 (12.9)	c c		
Italy (Provincia Lombardia)	1.7 (1.6)	19.0 (5.1)	49.0 (6.5)	14.2 (4.6)	16.1 (5.1)	c c	528 (22.7)	517 (8.7)	525 (15.7)	536 (24.0)		
Italy (Provincia Marche)	0.9 (0.6)	18.2 (6.0)	74.5 (6.7)	6.5 (3.8)	0.0 c	c c	503 (18.0)	501 (12.5)	c c	c c		
Italy (Provincia Molise)	1.7 (0.1)	19.2 (1.1)	79.0 (1.1)	0.0 c	0.0 c	c c	458 (8.5)	474 (3.3)	c c	c c		
Italy (Provincia Piemonte)	1.4 (1.5)	15.8 (4.3)	54.2 (8.2)	26.5 (7.5)	2.1 (2.1)	c c	477 (16.2)	508 (11.3)	501 (27.2)	c c		
Italy (Provincia Puglia)	0.0 c	12.7 (5.4)	68.1 (6.4)	19.3 (5.6)	0.0 c	c c	473 (38.9)	489 (8.4)	502 (14.7)	c c		
Italy (Provincia Sardegna)	1.8 (1.4)	27.6 (7.2)	30.8 (7.3)	39.7 (6.2)	0.0 c	c c	445 (21.2)	463 (13.3)	492 (10.5)	c c		
Italy (Provincia Sicilia)	0.0 c	16.4 (4.0)	50.7 (5.9)	30.8 (5.5)	2.1 (2.1)	c c	442 (17.8)	447 (11.0)	472 (17.8)	c c		
Italy (Provincia Toscana)	3.8 (2.3)	13.5 (6.5)	52.2 (7.3)	30.5 (6.0)	0.0 c	c c	510 (17.1)	494 (11.6)	489 (19.2)	c c		
Italy (Provincia Trento)	4.3 (1.9)	31.1 (4.4)	29.9 (3.4)	34.7 (3.8)	0.0 c	c c	489 (10.9)	506 (7.8)	526 (12.9)	c c		
Italy (Provincia Umbria)	0.0 c	13.9 (4.7)	55.1 (5.8)	31.0 (5.0)	0.0 c	c c	466 (22.5)	483 (9.9)	523 (11.4)	c c		
Italy (Provincia Valle d'Aosta)	18.2 (0.4)	16.5 (0.4)	65.3 (0.4)	0.0 c	0.0 c	472 (5.2)	526 (6.3)	524 (2.7)	c c	c c		
Italy (Provincia Veneto)	6.4 (3.7)	5.6 (3.0)	47.2 (6.8)	40.8 (8.2)	0.0 c	c c	c c	521 (10.3)	508 (14.0)	c c		
United Kingdom (England)	6.6 (2.3)	21.2 (3.2)	39.3 (4.6)	20.2 (3.4)	12.6 (2.4)	516 (14.7)	505 (5.7)	496 (6.0)	490 (10.8)	485 (11.0)		
United Kingdom (Northern Ireland)	6.6 (3.0)	27.2 (4.4)	33.7 (4.4)	31.4 (3.7)	1.1 (1.1)	461 (17.2)	510 (9.7)	519 (8.9)	484 (13.5)	c c		
United Kingdom (Wales)	10.7 (2.6)	36.9 (4.0)	32.7 (3.9)	18.0 (2.9)	1.6 (1.1)	486 (10.2)	475 (4.8)	471 (6.3)	488 (10.5)	c c		

Note: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.2.6 for national data.

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[Part 2/3]

Reading performance and socio-economic background, by school location

Table S.II.c Results based on students' self-reports and school principals' reports

	PISA index of economic, social and cultural status (ESCS)										Average performance in reading after accounting for ESCS									
	Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a small town (3 000 to about 15 000 people)		Students attending schools located in a town (15 000 to about 100 000 people)		Students attending schools located in a city (100 000 to about 1 000 000 people)		Students attending schools located in a large city (with over 1 000 000 people)		Students attending schools located in a village, hamlet or rural area (fewer than 3 000 people)		Students attending schools located in a small town (3 000 to about 15 000 people)		Students attending schools located in a town (15 000 to about 100 000 people)		Students attending schools located in a city (100 000 to about 1 000 000 people)		Students attending schools located in a large city (with over 1 000 000 people)	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
Adjudicated																				
Belgium (Flemish Community)	c	c	0.27 (0.06)	0.16 (0.04)	0.16 (0.14)	c	c	c	c	531 (5.4)	518 (4.4)	507 (11.1)	c	c						
Spain (Andalusia)	c	c	-0.94 (0.08)	-0.57 (0.12)	-0.28 (0.16)	c	c	c	c	460 (10.9)	464 (8.2)	460 (7.1)	c	c						
Spain (Aragon)	-0.61 (0.14)	-0.49 (0.10)	-0.18 (0.19)	-0.05 (0.10)	c	c	488 (9.0)	469 (10.9)	506 (5.0)	504 (2.8)	c	c								
Spain (Asturias)	-0.24 (0.35)	-0.59 (0.07)	-0.30 (0.12)	0.04 (0.09)	c	c	492 (19.8)	482 (6.5)	485 (11.2)	500 (7.5)	c	c								
Spain (Balearic Islands)	c	c	-0.47 (0.06)	-0.51 (0.06)	0.06 (0.15)	c	c	c	c	463 (7.1)	449 (8.6)	465 (9.4)	c	c						
Spain (Basque Country)	c	c	-0.13 (0.06)	-0.19 (0.05)	0.06 (0.06)	c	c	c	c	491 (4.3)	491 (4.2)	503 (5.4)	c	c						
Spain (Canary Islands)	c	c	-0.79 (0.10)	-0.59 (0.13)	-0.35 (0.18)	c	c	c	c	434 (6.8)	453 (9.2)	478 (10.8)	c	c						
Spain (Cantabria)	-0.26 (0.26)	-0.35 (0.08)	-0.21 (0.17)	0.03 (0.15)	c	c	488 (11.0)	484 (6.8)	480 (11.1)	499 (6.0)	c	c								
Spain (Castile and Leon)	-0.71 (0.12)	-0.24 (0.15)	-0.17 (0.11)	-0.03 (0.13)	c	c	467 (10.4)	500 (8.4)	507 (5.8)	516 (4.6)	c	c								
Spain (Catalonia)	c	c	0.00 (0.22)	-0.30 (0.15)	-0.42 (0.15)	-0.14 (0.16)	c	c	504 (14.0)	497 (7.2)	501 (13.3)	505 (7.0)								
Spain (Ceuta and Melilla)	c	c	c	-0.55 (0.03)	c	c	c	c	c	414 (2.3)	c	c	c							
Spain (Galicia)	-0.87 (0.13)	-0.59 (0.07)	-0.18 (0.14)	0.01 (0.11)	c	c	463 (13.8)	480 (5.9)	497 (6.8)	498 (8.9)	c	c								
Spain (La Rioja)	c	c	-0.56 (0.04)	-0.49 (0.07)	0.04 (0.04)	c	c	c	c	487 (4.4)	499 (6.0)	507 (3.6)	c	c						
Spain (Madrid)	c	c	-0.29 (0.16)	-0.14 (0.21)	-0.27 (0.12)	0.07 (0.20)	c	c	472 (13.3)	491 (4.9)	519 (6.2)	515 (5.3)								
Spain (Murcia)	c	c	-0.76 (0.10)	-0.48 (0.14)	0.05 (0.17)	c	c	c	c	472 (7.1)	486 (5.5)	484 (8.4)	c	c						
Spain (Navarre)	-0.62 (0.07)	-0.47 (0.05)	-0.22 (0.06)	0.10 (0.07)	c	c	467 (7.8)	495 (5.8)	493 (8.9)	507 (4.3)	c	c								
United Kingdom (Scotland)	0.12 (0.06)	0.30 (0.05)	0.16 (0.04)	0.11 (0.09)	c	c	502 (9.6)	505 (5.8)	496 (2.8)	504 (5.2)	c	c								
Non-adjudicated																				
Belgium (French Community)	0.47 (0.26)	0.14 (0.11)	0.15 (0.07)	0.12 (0.13)	0.30 (0.17)	503 (25.8)	488 (11.2)	496 (5.8)	496 (12.9)	489 (9.6)										
Belgium (German-Speaking Community)	c	c	0.16 (0.03)	c	c	c	c	c	c	503 (4.2)	c	c	c	c						
Finland (Finnish Speaking)	0.10 (0.04)	0.25 (0.03)	0.36 (0.03)	0.56 (0.05)	c	c	537 (8.3)	538 (4.7)	539 (3.0)	537 (4.6)	c	c								
Finland (Swedish Speaking)	0.30 (0.06)	0.49 (0.03)	0.58 (0.04)	0.94 (0.04)	c	c	504 (5.1)	507 (4.7)	519 (4.8)	520 (5.7)	c	c								
Italy (Provincia Abruzzo)	c	c	-0.09 (0.33)	-0.03 (0.07)	0.12 (0.14)	c	c	c	c	460 (34.2)	489 (8.3)	477 (9.2)	c	c						
Italy (Provincia Autonoma di Bolzano)	c	c	-0.35 (0.03)	-0.18 (0.03)	-0.06 (0.05)	c	c	c	c	491 (3.2)	495 (5.6)	479 (5.2)	c	c						
Italy (Provincia Basilicata)	c	c	-0.33 (0.06)	-0.23 (0.05)	c	c	c	c	c	465 (8.6)	483 (4.6)	c	c	c						
Italy (Provincia Calabria)	c	c	-0.47 (0.11)	-0.16 (0.08)	0.28 (0.22)	c	c	c	c	441 (6.6)	453 (9.2)	459 (18.6)	c	c						
Italy (Provincia Campania)	c	c	-0.47 (0.26)	-0.31 (0.08)	-0.21 (0.13)	-0.46 (0.27)	c	c	459 (18.8)	447 (8.8)	461 (12.4)	448 (29.9)								
Italy (Provincia Emilia Romagna)	c	c	-0.45 (0.20)	0.04 (0.10)	0.20 (0.10)	c	c	c	c	481 (17.4)	513 (8.3)	503 (8.1)	c	c						
Italy (Provincia Friuli Venezia Giulia)	c	c	-0.38 (0.07)	0.12 (0.04)	0.07 (0.09)	c	c	c	c	485 (16.0)	532 (8.0)	529 (8.0)	c	c						
Italy (Provincia Lazio)	c	c	c	-0.01 (0.09)	c	c	0.39 (0.07)	c	c	c	478 (10.3)	c	c	491 (9.2)						
Italy (Provincia Liguria)	c	c	c	0.00 (0.07)	0.03 (0.13)	c	c	c	c	c	502 (12.1)	478 (10.4)	c	c						
Italy (Provincia Lombardia)	c	c	-0.16 (0.14)	-0.09 (0.06)	0.05 (0.10)	0.30 (0.22)	c	c	532 (19.0)	519 (7.0)	523 (14.5)	525 (19.4)								
Italy (Provincia Marche)	c	c	-0.13 (0.19)	-0.11 (0.05)	c	c	c	c	c	504 (14.1)	502 (11.1)	c	c	c						
Italy (Provincia Molise)	c	c	-0.26 (0.07)	-0.08 (0.04)	c	c	c	c	c	462 (7.4)	473 (3.1)	c	c	c						
Italy (Provincia Piemonte)	c	c	-0.60 (0.17)	-0.08 (0.07)	0.06 (0.20)	c	c	c	c	493 (13.4)	506 (9.7)	496 (20.9)	c	c						
Italy (Provincia Puglia)	c	c	-0.23 (0.28)	-0.49 (0.06)	-0.28 (0.17)	c	c	c	c	470 (32.9)	491 (7.6)	499 (12.6)	c	c						
Italy (Provincia Sardegna)	c	c	-0.44 (0.11)	-0.34 (0.08)	-0.01 (0.13)	c	c	c	c	451 (18.9)	465 (12.5)	487 (8.7)	c	c						
Italy (Provincia Sicilia)	c	c	-0.58 (0.09)	-0.26 (0.07)	-0.01 (0.18)	c	c	c	c	454 (17.0)	447 (10.3)	465 (16.1)	c	c						
Italy (Provincia Toscana)	c	c	0.01 (0.09)	0.01 (0.07)	0.24 (0.10)	c	c	c	c	511 (15.8)	497 (10.8)	486 (17.5)	c	c						
Italy (Provincia Trento)	c	c	-0.32 (0.05)	0.01 (0.07)	-0.06 (0.08)	c	c	c	c	496 (10.5)	502 (6.6)	525 (11.0)	c	c						
Italy (Provincia Umbria)	c	c	-0.01 (0.14)	-0.02 (0.06)	0.30 (0.10)	c	c	c	c	469 (19.2)	488 (8.3)	515 (9.5)	c	c						
Italy (Provincia Valle d'Aosta)	-0.40 (0.06)	-0.26 (0.07)	0.01 (0.04)	c	c	c	c	478 (5.5)	529 (6.3)	522 (3.0)	c	c	c							
Italy (Provincia Veneto)	c	c	c	-0.11 (0.06)	0.13 (0.11)	c	c	c	c	c	522 (9.3)	504 (11.8)	c	c						
United Kingdom (England)	0.37 (0.11)	0.25 (0.05)	0.21 (0.04)	0.20 (0.08)	0.14 (0.11)	511 (11.3)	506 (4.2)	497 (4.7)	493 (7.9)	490 (8.3)										
United Kingdom (Northern Ireland)	0.02 (0.03)	0.16 (0.05)	0.21 (0.06)	0.02 (0.06)	c	c	464 (16.7)	510 (8.3)	518 (7.3)	491 (12.0)	c	c								
United Kingdom (Wales)	0.20 (0.06)	0.13 (0.04)	0.11 (0.04)	0.34 (0.09)	c	c	489 (8.4)	477 (4.0)	474 (5.5)	485 (8.9)	c	c								

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.2.6 for national data.

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[Part 3/3]

Reading performance and socio-economic background, by school location

Table S.II.c Results based on students' self-reports and school principals' reports

	Difference in the reading score											
	BEFORE accounting for the PISA index of economic, social and cultural status of students (ESCS)						AFTER accounting for the PISA index of economic, social and cultural status of students (ESCS)					
	Students in small town schools versus rural schools		Students in town schools versus rural schools		Students in city or large city schools versus in rural schools		Students in small town schools versus rural schools		Students in town schools versus rural schools		Students in city or large city schools versus in rural schools	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
Adjudicated												
Belgium (Flemish Community)	c	c	c	c	c	c	c	c	c	c	c	-8 (10.8)
Spain (Andalusia)	c	c	c	c	c	c	c	c	c	c	c	c (11.9)
Spain (Aragon)	-17	(14.4)	28	(12.1)	29	(10.0)	-19	(14.0)	18	(10.8)	12	c
Spain (Asturias)	-20	(30.4)	-10	(34.3)	18	(29.9)	-11	(22.8)	-7	(25.0)	-23	c
Spain (Balearic Islands)	c	c	c	c	c	c	c	c	c	c	c	c
Spain (Basque Country)	c	c	c	c	c	c	-35	(17.2)	-35	(16.7)	c	c
Spain (Canary Islands)	c	c	c	c	c	c	c	c	c	c	c	c
Spain (Cantabria)	-7	(15.2)	-7	(19.5)	19	(15.5)	-4	(14.2)	-8	(15.0)	c	c
Spain (Castile and Leon)	43	(13.2)	52	(14.1)	67	(13.1)	36	(13.4)	41	(13.4)	49	(11.5)
Spain (Catalonia)	c	c	c	c	c	c	c	c	c	c	c	c (12.7)
Spain (Ceuta and Melilla)	c	c	c	c	c	c	c	c	c	c	c	0 c
Spain (Galicia)	20	(14.8)	43	(17.1)	47	(17.5)	16	(13.1)	29	(14.7)	14	c
Spain (La Rioja)	c	c	c	c	c	c	c	c	c	c	19	(10.2)
Spain (Madrid)	c	c	c	c	c	c	c	c	c	c	c	(9.5)
Spain (Murcia)	c	c	c	c	c	c	c	c	c	c	c	(15.7)
Spain (Navarre)	31	(9.9)	37	(12.4)	60	(10.0)	29	(9.5)	29	(11.8)	83	(17.0)
United Kingdom (Scotland)	8	(11.8)	-5	(10.7)	0	(12.8)	2	(10.9)	-6	(9.9)	2	(17.8)
Non-adjudicated												
Belgium (French Community)	-32	(44.4)	-24	(44.4)	-26	(43.8)	-13	(30.5)	-6	(27.5)	c	(8.4)
Belgium (German-Speaking Community)	c	c	c	c	c	c	c	c	c	c	8	c
Finland (Finnish Speaking)	6	(9.1)	10	(8.5)	15	(9.6)	1	(9.6)	2	(8.9)	c	c
Finland (Swedish Speaking)	9	(6.8)	24	(7.3)	37	(7.4)	3	(6.7)	14	(7.3)	c	c
Italy (Provincia Abruzzo)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Autonoma di Bolzano)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Basilicata)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Calabria)	c	c	c	c	c	c	c	c	c	c	c	(16.1)
Italy (Provincia Campania)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Friuli Venezia Giulia)	c	c	c	c	c	c	c	c	c	c	c	(20.8)
Italy (Provincia Lazio)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Liguria)	c	c	c	c	c	c	c	c	c	c	c	17 c
Italy (Provincia Lombardia)	c	c	c	c	c	c	90	(21.4)	82	(10.6)	c	c
Italy (Provincia Marche)	c	c	c	c	c	c	c	c	c	c	30	c
Italy (Provincia Molise)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Piemonte)	c	c	c	c	c	c	c	c	c	c	c	(9.3)
Italy (Provincia Puglia)	c	c	c	c	c	c	c	c	c	c	c	c
Italy (Provincia Sardegna)	c	c	c	c	c	c	c	c	c	c	38	c
Italy (Provincia Sicilia)	c	c	c	c	c	c	c	c	c	c	30	c
Italy (Provincia Toscana)	c	c	c	c	c	c	c	c	c	c	c	(27.4)
Italy (Provincia Trento)	c	c	c	c	c	c	-10	(17.2)	-3	(14.0)	c	(19.9)
Italy (Provincia Umbria)	c	c	c	c	c	c	c	c	c	c	-18	c
Italy (Provincia Valle d'Aosta)	55	(7.5)	53	(6.0)	c	c	53	(7.5)	43	(6.6)	c	c
Italy (Provincia Veneto)	c	c	c	c	c	c	c	c	c	c	c	(11.7)
United Kingdom (England)	-11	(15.4)	-20	(17.5)	-28	(16.2)	-5	(11.2)	-13	(13.0)	c	c
United Kingdom (Northern Ireland)	50	(18.6)	59	(20.6)	28	(21.5)	44	(17.6)	51	(19.0)	-11	c
United Kingdom (Wales)	-10	(11.4)	-14	(11.7)	-2	(14.2)	-11	(8.8)	-14	(9.2)	c	c


Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.2.6 for national data.

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[Part 1/2]

PISA index of economic, social and cultural status and reading performance, by quarters of this index**Table S.II.d Results based on students' self-reports**

	PISA index of economic, social and cultural status										Performance on the reading scale, by quarters of this index							
	All students		Bottom quarter		Second quarter		Third quarter		Top quarter		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
Adjudicated																		
Belgium (Flemish Community)	0.20	(0.02)	-0.96	(0.02)	-0.14	(0.01)	0.53	(0.01)	1.36	(0.01)	472	(3.4)	503	(3.2)	532	(3.3)	572	(3.7)
Spain (Andalusia)	-0.57	(0.08)	-1.91	(0.02)	-1.07	(0.01)	-0.27	(0.01)	0.95	(0.03)	420	(9.0)	447	(5.6)	471	(5.8)	508	(5.6)
Spain (Aragon)	-0.22	(0.06)	-1.51	(0.03)	-0.61	(0.01)	0.11	(0.01)	1.14	(0.04)	465	(6.2)	483	(5.1)	501	(4.6)	533	(4.3)
Spain (Asturias)	-0.22	(0.05)	-1.51	(0.02)	-0.64	(0.01)	0.10	(0.01)	1.15	(0.03)	448	(6.0)	474	(4.2)	504	(5.9)	540	(7.1)
Spain (Balearic Islands)	-0.28	(0.06)	-1.62	(0.02)	-0.69	(0.01)	0.05	(0.01)	1.13	(0.03)	419	(6.6)	451	(7.7)	470	(5.7)	495	(5.4)
Spain (Basque Country)	-0.08	(0.03)	-1.33	(0.02)	-0.41	(0.01)	0.29	(0.01)	1.14	(0.01)	464	(4.3)	487	(3.6)	504	(3.5)	525	(3.6)
Spain (Canary Islands)	-0.62	(0.05)	-1.90	(0.02)	-1.04	(0.01)	-0.33	(0.01)	0.77	(0.04)	419	(6.4)	430	(6.7)	464	(4.9)	487	(6.6)
Spain (Cantabria)	-0.19	(0.06)	-1.50	(0.03)	-0.58	(0.01)	0.11	(0.02)	1.20	(0.02)	447	(5.8)	483	(5.5)	493	(6.1)	530	(4.8)
Spain (Castile and Leon)	-0.19	(0.07)	-1.49	(0.02)	-0.58	(0.01)	0.14	(0.01)	1.18	(0.02)	466	(5.7)	492	(5.7)	515	(6.4)	542	(4.4)
Spain (Catalonia)	-0.26	(0.08)	-1.57	(0.03)	-0.64	(0.02)	0.10	(0.01)	1.07	(0.03)	466	(7.2)	484	(6.6)	511	(6.9)	533	(4.9)
Spain (Ceuta and Melilla)	-0.55	(0.03)	-2.15	(0.03)	-0.99	(0.02)	-0.08	(0.01)	0.99	(0.03)	360	(4.7)	387	(4.9)	436	(5.7)	472	(5.2)
Spain (Galicia)	-0.39	(0.06)	-1.68	(0.02)	-0.76	(0.01)	-0.08	(0.01)	0.97	(0.03)	455	(4.5)	480	(5.2)	494	(5.9)	515	(7.3)
Spain (La Rioja)	-0.28	(0.02)	-1.53	(0.03)	-0.68	(0.01)	0.02	(0.01)	1.08	(0.02)	457	(5.7)	486	(5.4)	505	(5.8)	547	(4.8)
Spain (Madrid)	-0.07	(0.11)	-1.42	(0.03)	-0.48	(0.01)	0.28	(0.02)	1.34	(0.03)	465	(6.3)	491	(4.9)	510	(5.1)	552	(7.4)
Spain (Murcia)	-0.43	(0.09)	-1.80	(0.03)	-0.90	(0.01)	-0.12	(0.02)	1.10	(0.05)	445	(5.5)	470	(5.2)	488	(5.8)	521	(6.8)
Spain (Navarre)	-0.18	(0.04)	-1.46	(0.02)	-0.58	(0.01)	0.15	(0.01)	1.16	(0.03)	464	(4.7)	476	(5.7)	511	(5.4)	539	(5.8)
United Kingdom (Scotland)	0.19	(0.03)	-0.84	(0.01)	-0.11	(0.01)	0.46	(0.01)	1.24	(0.02)	458	(3.9)	487	(3.7)	513	(3.9)	549	(4.4)
Non-adjudicated																		
Belgium (French Community)	0.19	(0.04)	-1.05	(0.03)	-0.13	(0.01)	0.55	(0.01)	1.40	(0.02)	427	(6.0)	471	(5.1)	516	(4.3)	563	(4.4)
Belgium (German-Speaking Community)	0.23	(0.03)	-0.83	(0.03)	-0.08	(0.01)	0.50	(0.01)	1.32	(0.03)	470	(5.7)	489	(5.7)	498	(6.5)	538	(6.7)
Finland (Finnish Speaking)	0.36	(0.02)	-0.65	(0.01)	0.10	(0.00)	0.67	(0.00)	1.30	(0.01)	505	(3.4)	530	(2.9)	550	(3.1)	567	(2.9)
Finland (Swedish Speaking)	0.57	(0.02)	-0.45	(0.02)	0.32	(0.01)	0.91	(0.01)	1.52	(0.02)	478	(5.3)	492	(5.1)	526	(5.0)	553	(4.7)
Italy (Provincia Abruzzo)	-0.03	(0.04)	-1.24	(0.04)	-0.37	(0.01)	0.23	(0.01)	1.24	(0.02)	437	(9.5)	473	(6.2)	491	(6.3)	519	(5.7)
Italy (Provincia Autonoma di Bolzano)	-0.22	(0.02)	-1.28	(0.03)	-0.52	(0.01)	0.00	(0.01)	0.93	(0.02)	455	(5.1)	491	(6.0)	499	(5.9)	519	(5.1)
Italy (Provincia Basilicata)	-0.28	(0.03)	-1.43	(0.02)	-0.63	(0.01)	-0.05	(0.01)	0.99	(0.03)	444	(7.4)	458	(5.9)	483	(5.9)	507	(4.4)
Italy (Provincia Calabria)	-0.25	(0.06)	-1.60	(0.02)	-0.67	(0.01)	0.04	(0.01)	1.21	(0.03)	412	(6.0)	434	(6.0)	455	(8.4)	492	(5.7)
Italy (Provincia Campania)	-0.33	(0.06)	-1.61	(0.03)	-0.74	(0.01)	0.00	(0.01)	1.05	(0.03)	417	(8.7)	436	(7.2)	463	(8.3)	491	(7.7)
Italy (Provincia Emilia Romagna)	0.06	(0.04)	-1.27	(0.02)	-0.28	(0.01)	0.37	(0.01)	1.42	(0.03)	440	(8.3)	493	(4.3)	519	(5.2)	561	(5.8)
Italy (Provincia Friuli Venezia Giulia)	-0.05	(0.04)	-1.20	(0.02)	-0.33	(0.01)	0.19	(0.01)	1.15	(0.02)	473	(6.8)	502	(7.6)	529	(6.0)	548	(6.6)
Italy (Provincia Lazio)	0.14	(0.05)	-1.12	(0.03)	-0.16	(0.01)	0.45	(0.01)	1.40	(0.02)	434	(6.3)	487	(5.4)	487	(6.1)	516	(7.1)
Italy (Provincia Liguria)	0.02	(0.05)	-1.18	(0.03)	-0.29	(0.01)	0.28	(0.01)	1.25	(0.03)	452	(15.8)	491	(11.6)	497	(8.9)	525	(7.1)
Italy (Provincia Lombardia)	-0.03	(0.03)	-1.31	(0.03)	-0.34	(0.01)	0.28	(0.01)	1.23	(0.03)	474	(8.5)	515	(6.2)	539	(5.9)	559	(5.9)
Italy (Provincia Marche)	-0.11	(0.03)	-1.29	(0.02)	-0.42	(0.01)	0.16	(0.01)	1.11	(0.03)	466	(9.5)	486	(11.9)	512	(5.3)	531	(5.6)
Italy (Provincia Molise)	-0.12	(0.03)	-1.37	(0.02)	-0.48	(0.01)	0.13	(0.01)	1.24	(0.04)	426	(5.7)	474	(4.3)	474	(5.2)	509	(5.6)
Italy (Provincia Piemonte)	-0.14	(0.04)	-1.38	(0.04)	-0.49	(0.01)	0.14	(0.01)	1.17	(0.03)	457	(4.9)	484	(7.2)	503	(11.2)	544	(8.1)
Italy (Provincia Puglia)	-0.42	(0.05)	-1.63	(0.02)	-0.80	(0.01)	-0.12	(0.01)	0.87	(0.04)	463	(6.6)	477	(7.1)	501	(7.4)	517	(4.9)
Italy (Provincia Sardegna)	-0.25	(0.05)	-1.55	(0.02)	-0.66	(0.01)	0.04	(0.01)	1.19	(0.03)	445	(6.6)	460	(4.6)	462	(7.0)	510	(6.5)
Italy (Provincia Sicilia)	-0.24	(0.07)	-1.58	(0.02)	-0.71	(0.02)	0.06	(0.01)	1.27	(0.04)	401	(15.7)	442	(8.5)	470	(7.8)	501	(10.2)
Italy (Provincia Toscana)	0.06	(0.04)	-1.13	(0.03)	-0.25	(0.01)	0.35	(0.01)	1.26	(0.03)	453	(6.7)	493	(7.9)	510	(5.4)	521	(5.5)
Italy (Provincia Trento)	-0.13	(0.03)	-1.22	(0.03)	-0.42	(0.01)	0.08	(0.01)	1.05	(0.02)	474	(5.3)	499	(5.4)	513	(4.7)	549	(5.9)
Italy (Provincia Umbria)	0.08	(0.03)	-1.13	(0.03)	-0.23	(0.01)	0.33	(0.01)	1.36	(0.03)	445	(7.0)	486	(8.1)	502	(5.8)	534	(6.3)
Italy (Provincia Valle d'Aosta)	-0.12	(0.03)	-1.29	(0.03)	-0.42	(0.01)	0.15	(0.01)	1.09	(0.03)	480	(6.6)	507	(5.8)	523	(5.1)	547	(5.0)
Italy (Provincia Veneto)	-0.06	(0.05)	-1.25	(0.02)	-0.40	(0.01)	0.20	(0.01)	1.19	(0.03)	475	(9.1)	496	(7.5)	515	(5.2)	538	(7.9)
United Kingdom (England)	0.21	(0.02)	-0.79	(0.02)	-0.05	(0.01)	0.48	(0.01)	1.21	(0.01)	451	(3.4)	483	(3.7)	510	(3.4)	544	(3.8)
United Kingdom (Northern Ireland)	0.12	(0.02)	-0.87	(0.02)	-0.17	(0.01)	0.38	(0.01)	1.13	(0.01)	452	(7.3)	486	(4.3)	520	(5.2)	548	(5.2)
United Kingdom (Wales)	0.16	(0.03)	-0.78	(0.01)	-0.11	(0.01)	0.39	(0.01)	1.13	(0.02)	443	(4.2)	466	(4.5)	483	(4.3)	520	(5.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.3.1 for national data.
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[Part 2/2]

PISA index of economic, social and cultural status and reading performance, by quarters of this index
Table S.II.d *Results based on students' self-reports*

	Change in the reading score per unit of this index		Increased likelihood of students in the bottom quarter of the PISA index of social, economic and cultural status, scoring in the bottom quarter of the reading performance distribution		Explained variance in student performance (r-squared x 100)	
	Effect	S.E.	Ratio	S.E.	Percentage	S.E.
Adjudicated						
Belgium (Flemish Community)	41.5	(2.0)	2.20	(0.12)	16.5	(1.3)
Spain (Andalusia)	30.2	(2.7)	2.26	(0.22)	14.5	(2.3)
Spain (Aragon)	26.3	(2.0)	1.82	(0.22)	10.0	(1.5)
Spain (Asturias)	34.4	(2.6)	2.23	(0.24)	14.7	(2.5)
Spain (Balearic Islands)	27.1	(2.7)	2.13	(0.21)	10.2	(1.6)
Spain (Basque Country)	24.4	(1.8)	1.85	(0.15)	8.0	(1.1)
Spain (Canary Islands)	26.6	(2.9)	1.76	(0.23)	9.2	(2.0)
Spain (Cantabria)	28.1	(2.4)	2.10	(0.26)	11.0	(1.9)
Spain (Castile and Leon)	28.9	(2.3)	1.95	(0.24)	12.5	(2.0)
Spain (Catalonia)	26.6	(3.0)	1.89	(0.24)	11.1	(2.3)
Spain (Ceuta and Melilla)	37.2	(2.0)	2.07	(0.21)	19.1	(1.9)
Spain (Galicia)	22.7	(2.5)	1.75	(0.20)	7.1	(1.7)
Spain (La Rioja)	34.8	(2.5)	1.84	(0.22)	14.9	(1.9)
Spain (Madrid)	30.6	(3.1)	2.11	(0.33)	15.5	(3.4)
Spain (Murcia)	27.3	(2.5)	2.11	(0.30)	14.9	(3.0)
Spain (Navarre)	30.2	(2.5)	1.83	(0.19)	13.7	(2.3)
United Kingdom (Scotland)	43.6	(2.3)	2.04	(0.13)	14.4	(1.5)
Non-adjudicated						
Belgium (French Community)	53.7	(2.8)	2.80	(0.21)	23.4	(2.0)
Belgium (German-Speaking Community)	29.9	(3.5)	1.73	(0.23)	7.7	(1.8)
Finland (Finnish Speaking)	31.5	(1.8)	1.85	(0.11)	8.1	(0.9)
Finland (Swedish Speaking)	35.6	(2.9)	1.81	(0.19)	10.4	(1.7)
Italy (Provincia Abruzzo)	33.8	(4.7)	2.02	(0.24)	12.8	(2.9)
Italy (Provincia Autonoma di Bolzano)	27.4	(3.6)	1.93	(0.22)	6.6	(1.8)
Italy (Provincia Basilicata)	27.6	(3.0)	1.64	(0.16)	9.3	(1.8)
Italy (Provincia Calabria)	28.4	(2.3)	1.75	(0.21)	12.0	(1.7)
Italy (Provincia Campania)	27.3	(4.3)	1.80	(0.19)	9.3	(2.3)
Italy (Provincia Emilia Romagna)	44.3	(3.3)	2.73	(0.29)	21.9	(3.0)
Italy (Provincia Friuli Venezia Giulia)	33.6	(4.2)	1.94	(0.23)	11.0	(2.2)
Italy (Provincia Lazio)	29.6	(3.7)	2.38	(0.30)	10.0	(2.5)
Italy (Provincia Liguria)	28.6	(6.7)	1.98	(0.23)	8.2	(3.0)
Italy (Provincia Lombardia)	33.9	(3.3)	2.44	(0.23)	14.1	(2.5)
Italy (Provincia Marche)	28.3	(3.8)	1.66	(0.21)	8.1	(1.5)
Italy (Provincia Molise)	30.1	(2.4)	2.30	(0.27)	13.0	(1.9)
Italy (Provincia Piemonte)	35.1	(3.2)	1.98	(0.36)	13.5	(3.1)
Italy (Provincia Puglia)	24.2	(2.8)	1.64	(0.18)	7.6	(1.7)
Italy (Provincia Sardegna)	24.5	(3.3)	1.44	(0.19)	8.1	(2.1)
Italy (Provincia Sicilia)	34.7	(5.6)	1.98	(0.36)	14.6	(3.7)
Italy (Provincia Toscana)	27.6	(3.6)	1.94	(0.17)	7.4	(1.9)
Italy (Provincia Trento)	34.2	(3.9)	1.90	(0.15)	10.8	(2.4)
Italy (Provincia Umbria)	35.4	(3.0)	2.03	(0.27)	12.5	(2.1)
Italy (Provincia Valle d'Aosta)	27.1	(3.3)	1.83	(0.22)	8.4	(1.9)
Italy (Provincia Veneto)	27.2	(4.8)	1.63	(0.17)	8.2	(2.5)
United Kingdom (England)	44.4	(2.2)	2.13	(0.13)	13.8	(1.2)
United Kingdom (Northern Ireland)	48.0	(3.5)	2.32	(0.24)	15.2	(2.0)
United Kingdom (Wales)	39.0	(2.7)	1.86	(0.16)	10.2	(1.4)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.3.1 for national data.

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[Part 1/2]


Relationship between reading performance and socio-economic background**Table S.II.e Results based on students' self-reports**

	Unadjusted mean score		Mean score if the mean ESCS would be equal in all OECD countries		Strength of the relationship between student performance and the ESCS		Slope of the socio-economic gradient ¹		Length of the projection of the gradient line					
									5th percentile of the ESCS		95th percentile of the ESCS		Difference between 95th and 5th percentile of the ESCS	
	Mean score	S.E.	Mean score	S.E.	Percentage of explained variance in student performance	S.E.	Score point difference associated with one unit on the ESCS	S.E.	Index	S.E.	Index	S.E.	Dif.	S.E.
Adjudicated														
Belgium (Flemish Community)	519	(2.3)	511	(2.0)	16.5	(1.31)	41	(2.0)	-1.21	(0.05)	1.61	(0.02)	2.82	(0.05)
Spain (Andalusia)	461	(5.5)	479	(4.3)	14.5	(2.33)	30	(2.7)	-2.18	(0.04)	1.39	(0.10)	3.58	(0.09)
Spain (Aragon)	495	(4.1)	501	(3.4)	10.0	(1.47)	26	(2.0)	-1.86	(0.09)	1.52	(0.10)	3.38	(0.13)
Spain (Asturias)	490	(4.8)	499	(4.3)	14.7	(2.48)	34	(2.6)	-1.81	(0.06)	1.51	(0.11)	3.32	(0.11)
Spain (Balearic Islands)	457	(5.6)	466	(4.3)	10.2	(1.62)	27	(2.7)	-2.04	(0.03)	1.55	(0.09)	3.59	(0.08)
Spain (Basque Country)	494	(2.9)	497	(2.6)	8.0	(1.14)	24	(1.8)	-1.71	(0.04)	1.41	(0.04)	3.12	(0.05)
Spain (Canary Islands)	448	(4.3)	467	(4.3)	9.2	(1.96)	27	(2.9)	-2.17	(0.08)	1.15	(0.11)	3.32	(0.13)
Spain (Cantabria)	488	(4.1)	494	(3.8)	11.0	(1.86)	28	(2.4)	-1.83	(0.04)	1.53	(0.04)	3.36	(0.04)
Spain (Castile and Leon)	503	(4.9)	509	(3.8)	12.5	(2.04)	29	(2.3)	-1.84	(0.07)	1.53	(0.05)	3.37	(0.06)
Spain (Catalonia)	498	(5.2)	505	(4.3)	11.1	(2.31)	27	(3.0)	-1.92	(0.10)	1.44	(0.09)	3.36	(0.10)
Spain (Ceuta and Melilla)	412	(2.5)	434	(2.8)	19.1	(1.86)	37	(2.0)	-2.52	(0.09)	1.40	(0.07)	3.92	(0.12)
Spain (Galicia)	486	(4.4)	495	(4.2)	7.1	(1.67)	23	(2.5)	-1.99	(0.03)	1.34	(0.07)	3.33	(0.07)
Spain (La Rioja)	498	(2.4)	508	(2.4)	14.9	(1.89)	35	(2.5)	-1.83	(0.08)	1.46	(0.04)	3.29	(0.09)
Spain (Madrid)	503	(4.4)	507	(3.0)	15.5	(3.43)	31	(3.1)	-1.77	(0.11)	1.64	(0.10)	3.41	(0.10)
Spain (Murcia)	480	(5.1)	493	(3.8)	14.9	(3.03)	27	(2.5)	-2.09	(0.08)	1.55	(0.09)	3.64	(0.11)
Spain (Navarre)	497	(3.1)	503	(3.1)	13.7	(2.29)	30	(2.5)	-1.85	(0.06)	1.47	(0.06)	3.32	(0.07)
United Kingdom (Scotland)	500	(3.2)	494	(2.6)	14.4	(1.50)	44	(2.3)	-1.08	(0.03)	1.53	(0.06)	2.61	(0.06)
Non-adjudicated														
Belgium (French Community)	490	(4.2)	484	(3.2)	23.4	(2.03)	54	(2.8)	-1.38	(0.07)	1.69	(0.04)	3.07	(0.08)
Belgium (German-Speaking Community)	499	(2.8)	492	(3.0)	7.7	(1.76)	30	(3.5)	-1.09	(0.04)	1.58	(0.05)	2.67	(0.05)
Finland (Finnish Speaking)	538	(2.4)	527	(2.3)	8.1	(0.87)	31	(1.8)	-0.91	(0.03)	1.50	(0.05)	2.41	(0.05)
Finland (Swedish Speaking)	511	(2.6)	492	(3.4)	10.4	(1.69)	36	(2.9)	-0.76	(0.06)	1.74	(0.04)	2.51	(0.07)
Italy (Provincia Abruzzo)	480	(4.8)	481	(4.1)	12.8	(2.93)	34	(4.7)	-1.58	(0.06)	1.61	(0.07)	3.19	(0.08)
Italy (Provincia Autonoma di Bolzano)	490	(3.2)	497	(3.5)	6.6	(1.82)	27	(3.6)	-1.58	(0.06)	1.28	(0.04)	2.85	(0.07)
Italy (Provincia Basilicata)	473	(4.5)	481	(3.8)	9.3	(1.77)	28	(3.0)	-1.73	(0.05)	1.54	(0.09)	3.27	(0.12)
Italy (Provincia Calabria)	448	(5.2)	455	(4.6)	12.0	(1.68)	28	(2.3)	-1.87	(0.05)	1.73	(0.14)	3.59	(0.14)
Italy (Provincia Campania)	451	(6.6)	460	(5.7)	9.3	(2.33)	27	(4.3)	-1.83	(0.03)	1.47	(0.07)	3.29	(0.07)
Italy (Provincia Emilia Romagna)	502	(4.0)	501	(3.6)	21.9	(3.02)	44	(3.3)	-1.58	(0.05)	1.84	(0.11)	3.43	(0.11)
Italy (Provincia Friuli Venezia Giulia)	513	(4.7)	515	(4.1)	11.0	(2.23)	34	(4.2)	-1.52	(0.04)	1.57	(0.08)	3.09	(0.08)
Italy (Provincia Lazio)	481	(3.9)	477	(3.6)	10.0	(2.47)	30	(3.7)	-1.54	(0.09)	1.75	(0.07)	3.29	(0.11)
Italy (Provincia Liguria)	491	(9.3)	491	(8.6)	8.2	(3.00)	29	(6.7)	-1.58	(0.10)	1.62	(0.08)	3.19	(0.11)
Italy (Provincia Lombardia)	522	(5.5)	523	(4.8)	14.1	(2.48)	34	(3.3)	-1.60	(0.03)	1.60	(0.05)	3.20	(0.06)
Italy (Provincia Marche)	499	(7.3)	502	(6.3)	8.1	(1.46)	28	(3.8)	-1.55	(0.04)	1.50	(0.05)	3.05	(0.07)
Italy (Provincia Molise)	471	(2.8)	474	(2.8)	13.0	(1.93)	30	(2.4)	-1.69	(0.05)	1.70	(0.07)	3.39	(0.08)
Italy (Provincia Piemonte)	496	(5.9)	502	(5.7)	13.5	(3.09)	35	(3.2)	-1.69	(0.06)	1.58	(0.06)	3.27	(0.08)
Italy (Provincia Puglia)	489	(5.0)	500	(4.4)	7.6	(1.72)	24	(2.8)	-1.87	(0.06)	1.39	(0.09)	3.26	(0.10)
Italy (Provincia Sardegna)	469	(4.3)	475	(3.5)	8.1	(2.11)	25	(3.3)	-1.83	(0.02)	1.79	(0.05)	3.61	(0.05)
Italy (Provincia Sicilia)	453	(8.3)	462	(6.8)	14.6	(3.66)	35	(5.6)	-1.83	(0.08)	1.73	(0.08)	3.55	(0.11)
Italy (Provincia Toscana)	493	(4.5)	493	(4.1)	7.4	(1.91)	28	(3.6)	-1.48	(0.05)	1.68	(0.09)	3.15	(0.10)
Italy (Provincia Trento)	508	(2.7)	513	(2.5)	10.8	(2.36)	34	(3.9)	-1.55	(0.04)	1.47	(0.02)	3.02	(0.05)
Italy (Provincia Umbria)	490	(5.3)	489	(4.6)	12.5	(2.12)	35	(3.0)	-1.54	(0.08)	1.75	(0.06)	3.29	(0.09)
Italy (Provincia Valle d'Aosta)	514	(2.2)	518	(2.2)	8.4	(1.89)	27	(3.3)	-1.64	(0.03)	1.46	(0.06)	3.10	(0.07)
Italy (Provincia Veneto)	505	(5.2)	507	(4.5)	8.2	(2.48)	27	(4.8)	-1.52	(0.03)	1.61	(0.07)	3.13	(0.07)
United Kingdom (England)	495	(2.8)	488	(2.2)	13.8	(1.23)	44	(2.2)	-1.04	(0.04)	1.48	(0.02)	2.52	(0.05)
United Kingdom (Northern Ireland)	499	(4.1)	496	(3.8)	15.2	(1.98)	48	(3.5)	-1.11	(0.03)	1.38	(0.05)	2.49	(0.06)
United Kingdom (Wales)	476	(3.4)	472	(2.9)	10.2	(1.40)	39	(2.7)	-1.02	(0.04)	1.44	(0.05)	2.46	(0.06)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.3.2 for national data.

1. Single-level bivariate regression of reading performance on the ESCS; the slope is the regression coefficient for the ESCS.

2. Student-level regression of reading performance on the ESCS and the squared term of the ESCS; the index of curvilinearity is the regression coefficient for the squared term.

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[Part 2/2]
Relationship between reading performance and socio-economic background
 Table S.II.e *Results based on students' self-reports*

	PISA index of economic, social and cultural status (ESCS)		Variability in the ESCS		Index of curvilinearity ²		Skewness in the distribution of ESCS		Percentage of students with low ESCS		
	Mean index	S.E.	Standard deviation	S.E.	Score point difference associated with one unit increase in the ESCS squared	S.E.	Skewness	S.E.	Approximated by the percentage of students with a value of ESCS smaller than -1	S.E.	
Adjudicated											
Belgium (Flemish Community)	0.20	(0.02)	0.91	(0.01)	2.52	(1.29)	-0.19	(0.05)	7.7	(0.5)	
Spain (Andalusia)	-0.57	(0.08)	1.11	(0.03)	-1.51	(1.90)	0.34	(0.08)	40.0	(2.7)	
Spain (Aragon)	-0.22	(0.06)	1.02	(0.03)	-0.43	(1.92)	0.06	(0.07)	24.2	(1.7)	
Spain (Asturias)	-0.22	(0.05)	1.03	(0.03)	-0.31	(1.62)	0.12	(0.06)	24.2	(1.3)	
Spain (Balearic Islands)	-0.28	(0.06)	1.07	(0.02)	-2.90	(1.57)	0.09	(0.06)	26.8	(2.0)	
Spain (Basque Country)	-0.08	(0.03)	0.97	(0.01)	-0.60	(1.49)	-0.18	(0.05)	17.1	(0.9)	
Spain (Canary Islands)	-0.62	(0.05)	1.03	(0.03)	0.23	(1.98)	0.29	(0.04)	39.2	(2.1)	
Spain (Cantabria)	-0.19	(0.06)	1.04	(0.02)	-3.67	(2.05)	0.10	(0.06)	22.5	(1.9)	
Spain (Castile and Leon)	-0.19	(0.07)	1.03	(0.02)	-1.72	(2.21)	0.05	(0.07)	23.0	(2.3)	
Spain (Catalonia)	-0.26	(0.08)	1.03	(0.03)	-0.93	(2.11)	0.00	(0.07)	25.4	(2.6)	
Spain (Ceuta and Melilla)	-0.55	(0.03)	1.22	(0.02)	0.00	(1.53)	-0.05	(0.05)	36.9	(1.3)	
Spain (Galicia)	-0.39	(0.06)	1.02	(0.02)	-1.36	(2.33)	0.13	(0.06)	29.1	(2.1)	
Spain (La Rioja)	-0.28	(0.02)	1.01	(0.02)	-1.20	(2.70)	0.09	(0.06)	25.4	(1.2)	
Spain (Madrid)	-0.07	(0.11)	1.07	(0.03)	0.64	(2.39)	0.02	(0.09)	19.9	(2.3)	
Spain (Murcia)	-0.43	(0.09)	1.12	(0.03)	-1.50	(1.56)	0.23	(0.06)	33.5	(2.8)	
Spain (Navarre)	-0.18	(0.04)	1.02	(0.02)	-0.05	(1.60)	0.02	(0.06)	21.3	(1.4)	
United Kingdom (Scotland)	0.19	(0.03)	0.81	(0.01)	2.05	(2.24)	0.06	(0.04)	6.3	(0.6)	
Non-adjudicated											
Belgium (French Community)	0.19	(0.04)	0.96	(0.02)	2.30	(1.48)	-0.27	(0.08)	10.5	(0.9)	
Belgium (German-Speaking Community)	0.23	(0.03)	0.83	(0.02)	5.99	(2.88)	0.06	(0.07)	6.7	(0.9)	
Finland (Finnish Speaking)	0.36	(0.02)	0.77	(0.01)	-3.93	(1.53)	-0.36	(0.05)	4.0	(0.4)	
Finland (Swedish Speaking)	0.57	(0.02)	0.78	(0.02)	3.78	(2.87)	-0.22	(0.08)	2.2	(0.5)	
Italy (Provincia Abruzzo)	-0.03	(0.04)	0.96	(0.02)	-5.47	(5.69)	0.17	(0.07)	16.6	(1.6)	
Italy (Provincia Autonoma di Bolzano)	-0.22	(0.02)	0.86	(0.01)	-8.19	(2.71)	0.20	(0.06)	17.2	(1.0)	
Italy (Provincia Basilicata)	-0.28	(0.03)	0.95	(0.02)	-0.72	(2.37)	0.37	(0.05)	23.4	(1.5)	
Italy (Provincia Calabria)	-0.25	(0.06)	1.09	(0.02)	-0.12	(1.85)	0.32	(0.05)	28.7	(2.1)	
Italy (Provincia Campania)	-0.33	(0.06)	1.04	(0.03)	2.29	(2.33)	0.20	(0.07)	29.6	(1.8)	
Italy (Provincia Emilia Romagna)	0.06	(0.04)	1.04	(0.03)	-3.60	(1.50)	0.04	(0.05)	17.0	(1.5)	
Italy (Provincia Friuli Venezia Giulia)	-0.05	(0.04)	0.91	(0.01)	-4.66	(2.60)	0.14	(0.05)	15.9	(0.9)	
Italy (Provincia Lazio)	0.14	(0.05)	0.97	(0.02)	-5.85	(1.83)	-0.04	(0.06)	12.9	(1.4)	
Italy (Provincia Liguria)	0.02	(0.05)	0.95	(0.02)	-4.43	(2.15)	0.04	(0.06)	14.0	(1.5)	
Italy (Provincia Lombardia)	-0.03	(0.03)	0.99	(0.03)	-4.70	(1.54)	-0.16	(0.14)	18.7	(0.9)	
Italy (Provincia Marche)	-0.11	(0.03)	0.93	(0.02)	-2.33	(2.33)	0.19	(0.05)	19.9	(0.9)	
Italy (Provincia Molise)	-0.12	(0.03)	1.01	(0.02)	-4.10	(2.41)	0.29	(0.06)	21.3	(1.4)	
Italy (Provincia Piemonte)	-0.14	(0.04)	0.99	(0.03)	-1.98	(3.03)	0.11	(0.06)	20.3	(1.4)	
Italy (Provincia Puglia)	-0.42	(0.05)	0.98	(0.02)	0.96	(1.88)	0.34	(0.05)	30.9	(2.0)	
Italy (Provincia Sardegna)	-0.25	(0.05)	1.07	(0.02)	3.43	(1.89)	0.34	(0.06)	27.1	(1.9)	
Italy (Provincia Sicilia)	-0.24	(0.07)	1.10	(0.03)	-4.02	(3.81)	0.33	(0.07)	28.4	(2.1)	
Italy (Provincia Toscana)	0.06	(0.04)	0.93	(0.02)	-6.26	(2.16)	0.00	(0.08)	13.1	(0.8)	
Italy (Provincia Trento)	-0.13	(0.03)	0.89	(0.02)	-1.25	(2.62)	0.09	(0.07)	14.8	(1.3)	
Italy (Provincia Umbria)	0.08	(0.03)	0.97	(0.02)	-2.89	(2.39)	0.13	(0.05)	13.4	(0.9)	
Italy (Provincia Valle d'Aosta)	-0.12	(0.03)	0.92	(0.02)	0.58	(2.80)	0.08	(0.07)	18.1	(1.2)	
Italy (Provincia Veneto)	-0.06	(0.05)	0.95	(0.02)	-0.52	(2.32)	0.18	(0.05)	17.5	(1.2)	
United Kingdom (England)	0.21	(0.02)	0.79	(0.01)	0.71	(1.64)	-0.15	(0.05)	5.5	(0.6)	
United Kingdom (Northern Ireland)	0.12	(0.02)	0.78	(0.01)	-1.55	(3.10)	0.04	(0.05)	6.9	(0.7)	
United Kingdom (Wales)	0.16	(0.03)	0.75	(0.01)	1.68	(1.88)	0.11	(0.06)	5.3	(0.5)	

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.3.2 for national data.

1. Single-level bivariate regression of reading performance on the ESCS, the slope is the regression coefficient for the ESCS.

2. Student-level regression of reading performance on the ESCS and the squared term of the ESCS, the index of curvilinearity is the regression coefficient for the squared term.


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[Part 1/2]

Percentage of students and reading performance, by immigrant status

Table S.II.f Results based on students' self-reports

	Native students						Second-generation students					
	Percentage of students		Performance on the reading scale		% scoring below Level 2		Percentage of students		Performance on the reading scale		% scoring below Level 2	
			Mean score	S.E.	%	S.E.			Mean score	S.E.	%	S.E.
Adjudicated												
Belgium (Flemish Community)	91.0	(1.0)	526	(2.7)	11.2	(1.0)	4.5	(0.6)	450	(7.8)	32.2	(4.5)
Spain (Andalusia)	94.2	(0.7)	465	(5.5)	24.2	(2.4)	0.6	(0.2)	c	c	c	c
Spain (Aragon)	87.8	(1.1)	504	(4.1)	12.3	(1.5)	0.7	(0.2)	c	c	c	c
Spain (Asturias)	94.8	(0.9)	495	(4.9)	16.5	(1.4)	0.6	(0.2)	c	c	c	c
Spain (Balearic Islands)	84.7	(1.9)	466	(5.3)	23.7	(2.5)	2.3	(0.5)	467	(19.8)	23.7	(4.5)
Spain (Basque Country)	95.3	(0.5)	499	(2.8)	13.3	(1.1)	0.4	(0.1)	c	c	c	c
Spain (Canary Islands)	88.3	(1.5)	451	(4.9)	31.8	(2.5)	2.1	(0.4)	c	c	c	c
Spain (Cantabria)	92.9	(1.0)	492	(4.0)	16.3	(1.2)	0.6	(0.2)	c	c	c	c
Spain (Castile and Leon)	94.7	(0.8)	508	(4.7)	11.5	(1.6)	0.4	(0.2)	c	c	c	c
Spain (Catalonia)	88.8	(1.3)	508	(5.0)	9.9	(1.5)	1.7	(0.4)	c	c	c	c
Spain (Ceuta and Melilla)	89.3	(0.8)	420	(2.7)	44.9	(1.4)	7.0	(0.7)	386	(10.3)	59.3	(5.9)
Spain (Galicia)	95.8	(0.5)	489	(4.2)	17.3	(1.5)	0.9	(0.2)	c	c	c	c
Spain (La Rioja)	86.9	(1.0)	511	(2.6)	12.3	(1.0)	1.1	(0.3)	c	c	c	c
Spain (Madrid)	83.7	(1.7)	514	(4.9)	10.5	(1.5)	1.8	(0.4)	c	c	c	c
Spain (Murcia)	87.5	(1.4)	489	(4.8)	15.4	(2.1)	1.0	(0.3)	c	c	c	c
Spain (Navarre)	87.3	(1.0)	505	(3.3)	12.9	(1.2)	0.7	(0.2)	c	c	c	c
United Kingdom (Scotland)	96.0	(0.5)	503	(3.0)	14.9	(1.0)	1.4	(0.3)	529	(17.2)	7.3	(5.9)
Non-adjudicated												
Belgium (French Community)	77.9	(2.2)	508	(3.8)	17.2	(1.3)	12.3	(1.2)	456	(10.4)	32.6	(3.7)
Belgium (German-Speaking Community)	79.0	(1.4)	504	(3.4)	14.8	(1.5)	1.5	(0.4)	c	c	c	c
Finland (Finnish Speaking)	97.3	(0.4)	540	(2.4)	7.2	(0.5)	1.2	(0.2)	494	(14.0)	17.5	(6.0)
Finland (Swedish Speaking)	98.8	(0.3)	512	(2.6)	12.0	(1.0)	0.6	(0.2)	c	c	c	c
Italy (Provincia Abruzzo)	95.2	(0.5)	485	(4.6)	19.1	(1.8)	0.8	(0.2)	c	c	c	c
Italy (Provincia Autonoma di Bolzano)	94.0	(0.8)	497	(2.5)	15.5	(1.3)	0.6	(0.2)	c	c	c	c
Italy (Provincia Basilicata)	99.5	(0.2)	473	(4.6)	24.0	(2.3)	0.4	(0.2)	c	c	c	c
Italy (Provincia Calabria)	98.3	(0.4)	450	(5.0)	32.4	(2.3)	0.3	(0.1)	c	c	c	c
Italy (Provincia Campania)	98.7	(0.4)	453	(6.6)	30.8	(2.7)	0.5	(0.2)	c	c	c	c
Italy (Provincia Emilia Romagna)	89.9	(0.9)	516	(3.8)	13.4	(1.8)	3.0	(0.5)	440	(19.2)	37.6	(11.1)
Italy (Provincia Friuli Venezia Giulia)	90.7	(1.0)	520	(4.5)	11.4	(1.4)	2.3	(0.4)	491	(25.9)	19.4	(9.5)
Italy (Provincia Lazio)	93.2	(1.2)	486	(3.9)	19.6	(1.6)	2.1	(0.4)	461	(17.0)	c	c
Italy (Provincia Liguria)	92.3	(1.1)	498	(8.4)	15.6	(3.5)	1.6	(0.4)	c	c	c	c
Italy (Provincia Lombardia)	91.7	(1.3)	530	(4.9)	8.4	(1.2)	1.7	(0.4)	480	(21.1)	c	c
Italy (Provincia Marche)	92.0	(0.9)	505	(7.5)	15.2	(3.7)	1.8	(0.3)	c	c	c	c
Italy (Provincia Molise)	98.0	(0.5)	473	(2.8)	21.8	(1.5)	0.4	(0.2)	c	c	c	c
Italy (Provincia Piemonte)	89.3	(1.4)	506	(5.3)	15.4	(2.2)	1.6	(0.3)	c	c	c	c
Italy (Provincia Puglia)	98.7	(0.2)	491	(5.0)	17.1	(1.7)	0.5	(0.1)	c	c	c	c
Italy (Provincia Sardegna)	98.4	(0.4)	471	(4.0)	23.7	(1.7)	0.5	(0.2)	c	c	c	c
Italy (Provincia Sicilia)	99.2	(0.3)	456	(8.2)	30.6	(3.7)	0.6	(0.2)	c	c	c	c
Italy (Provincia Toscana)	92.1	(1.3)	499	(4.0)	17.0	(1.6)	1.4	(0.3)	c	c	c	c
Italy (Provincia Trento)	91.4	(0.9)	516	(2.2)	12.0	(1.0)	1.5	(0.4)	c	c	c	c
Italy (Provincia Umbria)	90.6	(1.5)	500	(4.6)	16.9	(1.9)	1.2	(0.3)	c	c	c	c
Italy (Provincia Valle d'Aosta)	94.7	(0.7)	519	(2.2)	9.8	(1.0)	0.7	(0.3)	c	c	c	c
Italy (Provincia Veneto)	92.6	(1.0)	512	(4.8)	12.0	(2.0)	2.0	(0.5)	c	c	c	c
United Kingdom (England)	88.0	(1.2)	500	(2.7)	16.6	(0.9)	6.7	(0.9)	491	(8.7)	19.9	(3.6)
United Kingdom (Northern Ireland)	96.8	(0.5)	502	(3.5)	16.3	(1.5)	0.9	(0.2)	c	c	c	c
United Kingdom (Wales)	96.7	(0.6)	479	(3.3)	21.9	(1.2)	1.3	(0.3)	471	(22.6)	28.1	(9.7)

Note: See Tables II.4.1 and II.4.2 for national data.
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[Part 2/2]
Percentage of students and reading performance, by immigrant status
 Table S.II.f *Results based on students' self-reports*


	First-generation students					Students with an immigrant background (first- or second-generation)						
	Percentage of students		Performance on the reading scale		% scoring below Level 2	Percentage of students		Performance on the reading scale		% scoring below Level 2		
		S.E.	Mean score	S.E.	%	S.E.		S.E.	%	S.E.		
Adjudicated												
Belgium (Flemish Community)	4.6	(0.7)	463	(7.8)	28.5	(3.7)	9.0	(1.0)	457	(6.1)	30.3	(3.2)
Spain (Andalusia)	5.2	(0.6)	406	(13.9)	48.4	(7.7)	5.8	(0.7)	412	(14.3)	46.0	(8.0)
Spain (Aragon)	11.5	(1.1)	435	(7.4)	35.1	(4.4)	12.2	(1.1)	439	(7.6)	33.8	(4.5)
Spain (Asturias)	4.6	(0.7)	424	(7.2)	42.8	(6.3)	5.2	(0.9)	433	(9.0)	39.6	(6.7)
Spain (Balearic Islands)	13.0	(1.7)	423	(13.1)	43.6	(5.9)	15.3	(1.9)	430	(11.4)	41.5	(4.7)
Spain (Basque Country)	4.4	(0.5)	427	(7.8)	41.6	(4.8)	4.7	(0.5)	428	(6.9)	41.1	(4.5)
Spain (Canary Islands)	9.6	(1.6)	433	(12.0)	38.0	(4.9)	11.7	(1.5)	437	(9.2)	37.4	(4.0)
Spain (Cantabria)	6.6	(0.9)	443	(10.5)	33.5	(6.2)	7.1	(1.0)	444	(10.8)	33.4	(6.5)
Spain (Castile and Leon)	4.9	(0.9)	421	(13.5)	37.2	(7.4)	5.3	(0.8)	427	(13.0)	35.5	(7.0)
Spain (Catalonia)	9.5	(1.2)	417	(9.2)	44.3	(6.2)	11.2	(1.3)	425	(9.4)	40.7	(5.7)
Spain (Ceuta and Melilla)	3.6	(0.4)	349	(19.8)	72.3	(7.1)	10.7	(0.8)	374	(10.2)	63.7	(4.8)
Spain (Galicia)	3.3	(0.4)	436	(9.8)	28.4	(8.7)	4.2	(0.5)	442	(8.8)	27.0	(7.0)
Spain (La Rioja)	12.0	(1.0)	422	(9.9)	47.0	(6.1)	13.1	(1.0)	427	(9.4)	44.7	(5.8)
Spain (Madrid)	14.6	(1.6)	453	(7.1)	25.2	(4.2)	16.3	(1.7)	456	(6.7)	23.9	(3.8)
Spain (Murcia)	11.5	(1.3)	424	(7.7)	42.0	(5.6)	12.5	(1.4)	426	(7.7)	42.2	(5.6)
Spain (Navarre)	12.0	(1.0)	447	(6.6)	27.7	(3.9)	12.7	(1.0)	451	(6.5)	26.5	(3.8)
United Kingdom (Scotland)	2.6	(0.3)	463	(16.6)	34.1	(7.6)	4.0	(0.5)	486	(13.2)	24.9	(5.9)
Non-adjudicated												
Belgium (French Community)	9.8	(1.3)	438	(12.2)	41.3	(5.6)	22.1	(2.2)	448	(9.7)	36.5	(3.9)
Belgium (German-Speaking Community)	19.4	(1.4)	483	(6.0)	22.6	(3.1)	21.0	(1.4)	482	(5.8)	22.8	(3.0)
Finland (Finnish Speaking)	1.5	(0.3)	449	(18.1)	38.9	(8.1)	2.7	(0.4)	469	(13.0)	29.4	(5.8)
Finland (Swedish Speaking)	0.7	(0.2)	c	c	c	c	1.2	(0.3)	c	c	c	c
Italy (Provincia Abruzzo)	4.0	(0.5)	354	(35.7)	67.1	(6.5)	4.8	(0.5)	375	(30.9)	58.0	(5.9)
Italy (Provincia Autonoma di Bolzano)	5.4	(0.8)	397	(29.0)	50.3	(11.8)	6.0	(0.8)	400	(26.7)	49.6	(10.7)
Italy (Provincia Basilicata)	0.1	(0.1)	c	c	c	c	0.5	(0.2)	c	c	c	c
Italy (Provincia Calabria)	1.4	(0.3)	c	c	c	c	1.7	(0.4)	c	c	c	c
Italy (Provincia Campania)	0.8	(0.3)	c	c	c	c	1.3	(0.4)	c	c	c	c
Italy (Provincia Emilia Romagna)	7.0	(0.7)	381	(14.2)	55.7	(5.2)	10.1	(0.9)	399	(10.7)	50.3	(4.7)
Italy (Provincia Friuli Venezia Giulia)	7.0	(1.0)	431	(17.4)	37.9	(7.8)	9.3	(1.0)	445	(15.3)	33.4	(6.6)
Italy (Provincia Lazio)	4.6	(1.2)	407	(16.6)	56.5	(11.7)	6.8	(1.2)	424	(14.4)	46.9	(9.2)
Italy (Provincia Liguria)	6.2	(0.8)	401	(17.4)	52.6	(9.0)	7.7	(1.1)	414	(17.6)	48.5	(8.7)
Italy (Provincia Lombardia)	6.6	(1.2)	414	(8.9)	52.5	(5.5)	8.3	(1.3)	428	(9.6)	46.9	(5.2)
Italy (Provincia Marche)	6.3	(0.8)	441	(11.3)	36.6	(8.8)	8.0	(0.9)	436	(10.9)	39.5	(7.8)
Italy (Provincia Molise)	1.6	(0.4)	c	c	c	c	2.0	(0.5)	c	c	c	c
Italy (Provincia Piemonte)	9.1	(1.4)	415	(10.5)	47.7	(6.9)	10.7	(1.4)	420	(11.9)	44.8	(6.8)
Italy (Provincia Puglia)	0.8	(0.2)	c	c	c	c	1.3	(0.2)	c	c	c	c
Italy (Provincia Sardegna)	1.0	(0.4)	c	c	c	c	1.6	(0.4)	c	c	c	c
Italy (Provincia Sicilia)	0.2	(0.1)	c	c	c	c	0.8	(0.3)	c	c	c	c
Italy (Provincia Toscana)	6.5	(1.3)	429	(18.1)	43.9	(11.8)	7.9	(1.3)	437	(16.5)	41.9	(10.3)
Italy (Provincia Trento)	7.1	(0.8)	423	(10.8)	44.3	(5.7)	8.6	(0.9)	430	(10.3)	40.2	(5.7)
Italy (Provincia Umbria)	8.2	(1.4)	416	(12.2)	47.8	(6.0)	9.4	(1.5)	420	(11.9)	46.0	(5.5)
Italy (Provincia Valle d'Aosta)	4.6	(0.7)	428	(14.6)	39.5	(10.4)	5.3	(0.7)	439	(14.6)	36.3	(9.2)
Italy (Provincia Veneto)	5.4	(0.9)	432	(17.1)	42.7	(8.7)	7.4	(1.0)	426	(15.1)	43.4	(7.5)
United Kingdom (England)	5.3	(0.5)	457	(10.3)	28.3	(5.4)	12.0	(1.2)	476	(7.9)	23.6	(3.1)
United Kingdom (Northern Ireland)	2.3	(0.5)	468	(21.3)	32.5	(7.7)	3.2	(0.5)	485	(18.2)	27.3	(6.7)
United Kingdom (Wales)	2.0	(0.4)	458	(13.5)	35.7	(5.9)	3.3	(0.6)	463	(14.0)	32.7	(5.4)

Note: See Tables II.4.1 and II.4.2 for national data.
 StatLink <http://dx.doi.org/10.1787/888932343304>

[Part 1/1]

Performance differences between students with and without an immigrant background, by immigrant status**Table S.II.g Results based on students' self-reports**

	Difference in the reading score							
	BEFORE accounting for the economic, social and cultural status of students (ESCS)				AFTER accounting for the economic, social and cultural status of students (ESCS)			
	Native students versus students with an immigrant background		Native students versus students with an immigrant background who speak a language at home that is different from the language of assessment		Native students versus students with an immigrant background		Native students versus students with an immigrant background who speak a language at home that is different from the language of assessment	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
Adjudicated								
Belgium (Flemish Community)	-70	(6.8)	-73	(9.2)	-44	(6.5)	-40	(8.9)
Spain (Andalusia)	-53	(14.6)	c	c	-44	(12.0)	c	c
Spain (Aragon)	-65	(7.0)	-80	(8.5)	-50	(7.7)	-61	(8.6)
Spain (Asturias)	-63	(10.1)	c	c	-44	(10.8)	c	c
Spain (Balearic Islands)	-36	(11.0)	-36	(10.3)	-25	(9.8)	-25	(9.7)
Spain (Basque Country)	-71	(6.4)	-73	(10.4)	-56	(5.6)	-58	(9.6)
Spain (Canary Islands)	-15	(10.7)	c	c	-15	(10.4)	c	c
Spain (Cantabria)	-49	(10.4)	c	c	-35	(9.1)	c	c
Spain (Castile and Leon)	-81	(12.4)	c	c	-66	(11.9)	c	c
Spain (Catalonia)	-82	(9.3)	-75	(9.7)	-65	(8.8)	-56	(10.2)
Spain (Ceuta and Melilla)	-46	(10.8)	-68	(16.4)	-18	(10.2)	-43	(17.1)
Spain (Galicia)	-47	(8.0)	-49	(9.6)	-45	(7.3)	-46	(8.7)
Spain (La Rioja)	-84	(9.9)	-96	(18.1)	-64	(8.8)	-73	(16.0)
Spain (Madrid)	-59	(8.8)	-65	(12.6)	-36	(8.0)	-39	(12.0)
Spain (Murcia)	-63	(8.4)	-69	(16.9)	-46	(7.2)	-59	(15.1)
Spain (Navarre)	-54	(6.8)	-66	(16.9)	-32	(7.5)	-42	(17.5)
United Kingdom (Scotland)	-18	(12.8)	-25	(20.3)	-10	(12.0)	-18	(18.9)
Non-adjudicated								
Belgium (French Community)	-60	(9.9)	-75	(12.2)	-29	(7.7)	-37	(10.4)
Belgium (German-Speaking Community)	-22	(7.0)	-58	(12.4)	-24	(7.0)	-57	(11.8)
Finland (Finnish Speaking)	-71	(12.8)	-82	(14.1)	-61	(11.3)	-69	(12.8)
Finland (Swedish Speaking)	c	c	c	c	c	c	c	c
Italy (Provincia Abruzzo)	-110	(30.6)	c	c	-84	(22.4)	c	c
Italy (Provincia Autonoma di Bolzano)	-97	(27.0)	-94	(23.0)	-87	(26.3)	-83	(21.7)
Italy (Provincia Basilicata)	c	c	c	c	c	c	c	c
Italy (Provincia Calabria)	c	c	c	c	c	c	c	c
Italy (Provincia Campania)	c	c	c	c	c	c	c	c
Italy (Provincia Emilia Romagna)	-117	(9.3)	-120	(14.0)	-83	(8.0)	-81	(11.4)
Italy (Provincia Friuli Venezia Giulia)	-74	(15.1)	-96	(19.3)	-59	(13.5)	-78	(17.5)
Italy (Provincia Lazio)	-62	(14.9)	-68	(13.7)	-48	(15.2)	-52	(13.2)
Italy (Provincia Liguria)	-84	(14.2)	-87	(18.8)	-66	(12.6)	-70	(16.4)
Italy (Provincia Lombardia)	-102	(9.1)	-108	(12.3)	-74	(9.4)	-82	(12.9)
Italy (Provincia Marche)	-69	(10.2)	-78	(11.5)	-49	(10.6)	-56	(11.6)
Italy (Provincia Molise)	c	c	c	c	c	c	c	c
Italy (Provincia Piemonte)	-86	(11.0)	-87	(10.8)	-63	(11.6)	-59	(10.4)
Italy (Provincia Puglia)	c	c	c	c	c	c	c	c
Italy (Provincia Sardegna)	c	c	c	c	c	c	c	c
Italy (Provincia Sicilia)	c	c	c	c	c	c	c	c
Italy (Provincia Toscana)	-63	(16.2)	-53	(19.4)	-41	(15.2)	-34	(19.8)
Italy (Provincia Trento)	-87	(10.2)	-97	(12.4)	-71	(9.4)	-76	(12.6)
Italy (Provincia Umbria)	-79	(11.4)	-85	(18.2)	-56	(10.2)	-55	(19.5)
Italy (Provincia Valle d'Aosta)	-80	(15.1)	c	c	-69	(14.8)	c	c
Italy (Provincia Veneto)	-86	(14.7)	-89	(16.6)	-72	(14.8)	-75	(18.1)
United Kingdom (England)	-24	(8.1)	-38	(9.2)	-15	(5.7)	-20	(6.7)
United Kingdom (Northern Ireland)	-17	(17.1)	-32	(21.8)	-12	(16.4)	-25	(21.7)
United Kingdom (Wales)	-16	(13.6)	-38	(19.1)	-10	(12.0)	-31	(18.3)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Tables II.4.1 and II.4.4 for national data.
 StatLink  <http://dx.doi.org/10.1787/888932343304>




[Part 1/2]

Characteristics of schools attended by students with and without an immigrant background
 (Scores standardised within each country sample)
Table S.II.h *Results based on students' self-reports and school principals' reports*

	Percentage of students in schools that have more than 25% students with an immigrant background		Percentage of students in schools that have more than 50% students with an immigrant background		Positive mean index indicates more favourable characteristics											
					School average PISA index of economic, social and cultural status				Index of quality of educational resources							
					Native students		Immigrant students		Difference (N-I)		Native students		Immigrant students		Difference (N-I)	
					Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.
Adjudicated																
Belgium (Flemish Community)	14.6	(2.8)	7.6	(2.1)	0.05	(0.03)	-0.62	(0.08)	0.67	(0.09)	-0.02	(0.09)	-0.19	(0.12)	0.17	(0.12)
Spain (Andalusia)	5.9	(3.3)	0.0	c	-0.03	(0.07)	-0.22	(0.14)	0.19	(0.14)	-0.02	(0.14)	0.18	(0.12)	-0.20	(0.12)
Spain (Aragon)	7.7	(3.7)	0.0	c	0.04	(0.06)	-0.63	(0.08)	0.66	(0.09)	0.03	(0.15)	0.03	(0.17)	0.01	(0.12)
Spain (Asturias)	3.7	(2.6)	0.0	c	0.03	(0.06)	-0.53	(0.09)	0.56	(0.11)	0.01	(0.14)	-0.26	(0.17)	0.28	(0.17)
Spain (Balearic Islands)	26.9	(6.2)	3.8	(2.7)	0.06	(0.07)	-0.34	(0.10)	0.40	(0.13)	0.03	(0.14)	0.00	(0.18)	0.02	(0.11)
Spain (Basque Country)	4.5	(1.6)	2.3	(1.1)	0.03	(0.03)	-0.69	(0.08)	0.73	(0.08)	-0.04	(0.07)	0.21	(0.22)	-0.26	(0.21)
Spain (Canary Islands)	20.0	(5.7)	0.0	c	-0.03	(0.05)	0.00	(0.09)	-0.03	(0.11)	0.07	(0.15)	-0.29	(0.18)	0.36	(0.19)
Spain (Cantabria)	3.9	(2.7)	0.0	c	0.03	(0.06)	-0.48	(0.10)	0.51	(0.10)	0.04	(0.12)	-0.08	(0.18)	0.12	(0.17)
Spain (Castile and Leon)	0.0	c	0.0	c	0.01	(0.07)	-0.55	(0.13)	0.56	(0.13)	0.03	(0.15)	-0.04	(0.22)	0.06	(0.16)
Spain (Catalonia)	12.0	(4.6)	0.0	c	0.05	(0.08)	-0.65	(0.09)	0.70	(0.10)	0.02	(0.16)	-0.07	(0.17)	0.09	(0.12)
Spain (Ceuta and Melilla)	4.8	(4.6)	0.0	c	0.06	(0.03)	-0.57	(0.07)	0.63	(0.08)	-0.06	(0.01)	0.10	(0.09)	-0.16	(0.10)
Spain (Galicia)	0.0	c	0.0	c	-0.02	(0.06)	0.02	(0.14)	-0.04	(0.14)	-0.01	(0.13)	0.06	(0.19)	-0.07	(0.12)
Spain (La Rioja)	13.0	(5.0)	6.5	(3.6)	0.07	(0.03)	-0.62	(0.08)	0.68	(0.09)	0.03	(0.02)	0.23	(0.09)	-0.19	(0.10)
Spain (Madrid)	25.5	(6.1)	3.9	(2.7)	0.16	(0.11)	-0.64	(0.07)	0.80	(0.09)	0.03	(0.13)	-0.16	(0.15)	0.19	(0.12)
Spain (Murcia)	13.7	(4.8)	0.0	c	0.06	(0.08)	-0.58	(0.10)	0.64	(0.11)	0.04	(0.16)	-0.09	(0.19)	0.13	(0.11)
Spain (Navarre)	14.3	(5.0)	2.0	(2.0)	0.13	(0.04)	-0.67	(0.08)	0.80	(0.08)	0.00	(0.10)	-0.11	(0.11)	0.11	(0.10)
United Kingdom (Scotland)	1.0	(1.0)	0.0	c	0.02	(0.03)	-0.21	(0.12)	0.22	(0.12)	-0.01	(0.10)	-0.20	(0.18)	0.20	(0.15)
Non-adjudicated																
Belgium (French Community)	32.7	(4.5)	12.7	(3.2)	0.13	(0.03)	-0.46	(0.09)	0.59	(0.09)	-0.01	(0.10)	-0.04	(0.15)	0.04	(0.11)
Belgium (German-Speaking Community)	20.0	(12.6)	0.0	c	-0.03	(0.04)	0.08	(0.07)	-0.10	(0.08)	0.05	(0.02)	-0.15	(0.06)	0.20	(0.08)
Finland (Finnish Speaking)	0.0	(0.0)	0.0	c	0.00	(0.03)	-0.40	(0.16)	0.41	(0.16)	0.01	(0.09)	0.32	(0.21)	-0.31	(0.17)
Finland (Swedish Speaking)	0.0	c	0.0	c	0.00	(0.03)	c	c	c	c	-0.09	(0.01)	c	c	c	c
Italy (Provincia Abruzzo)	3.8	(2.7)	3.8	(2.7)	0.03	(0.04)	-0.90	(0.28)	0.93	(0.28)	0.09	(0.15)	-0.37	(0.17)	0.45	(0.21)
Italy (Provincia Autonoma di Bolzano)	9.3	(3.1)	2.3	(1.6)	-0.01	(0.02)	-0.52	(0.09)	0.51	(0.10)	-0.10	(0.01)	0.16	(0.14)	-0.27	(0.14)
Italy (Provincia Basilicata)	0.0	c	0.0	c	-0.01	(0.04)	c	c	c	c	0.04	(0.07)	c	c	c	c
Italy (Provincia Calabria)	1.9	(1.9)	0.0	c	-0.01	(0.05)	c	c	c	c	-0.02	(0.12)	c	c	c	c
Italy (Provincia Campania)	1.9	(1.9)	1.9	(1.9)	0.00	(0.06)	c	c	c	c	-0.01	(0.13)	c	c	c	c
Italy (Provincia Emilia Romagna)	13.7	(4.8)	2.0	(1.9)	0.09	(0.05)	-0.70	(0.08)	0.79	(0.09)	0.00	(0.13)	-0.06	(0.20)	0.06	(0.16)
Italy (Provincia Friuli Venezia Giulia)	10.3	(4.0)	0.0	c	0.03	(0.04)	-0.54	(0.08)	0.57	(0.08)	0.07	(0.14)	0.20	(0.26)	-0.13	(0.16)
Italy (Provincia Lazio)	1.9	(1.9)	1.9	(1.9)	0.05	(0.06)	-0.50	(0.09)	0.55	(0.11)	-0.04	(0.11)	-0.21	(0.15)	0.17	(0.14)
Italy (Provincia Liguria)	7.8	(3.8)	0.0	c	0.01	(0.05)	-0.76	(0.12)	0.77	(0.11)	-0.03	(0.15)	0.04	(0.17)	-0.07	(0.09)
Italy (Provincia Lombardia)	15.1	(4.9)	1.9	(1.9)	0.04	(0.03)	-0.99	(0.14)	1.03	(0.15)	0.05	(0.14)	-0.13	(0.18)	0.18	(0.13)
Italy (Provincia Marche)	3.9	(2.7)	2.0	(1.9)	0.05	(0.04)	-0.81	(0.05)	0.86	(0.06)	-0.08	(0.16)	0.20	(0.20)	-0.28	(0.20)
Italy (Provincia Molise)	0.0	c	0.0	c	0.06	(0.03)	c	c	c	c	0.19	(0.03)	c	c	c	c
Italy (Provincia Piemonte)	7.7	(3.7)	5.8	(3.2)	-0.04	(0.04)	-0.69	(0.12)	0.65	(0.12)	-0.10	(0.13)	-0.59	(0.16)	0.49	(0.13)
Italy (Provincia Puglia)	0.0	c	0.0	c	0.00	(0.05)	c	c	c	c	0.01	(0.15)	c	c	c	c
Italy (Provincia Sardegna)	0.0	c	0.0	c	-0.01	(0.05)	c	c	c	c	-0.02	(0.15)	c	c	c	c
Italy (Provincia Sicilia)	0.0	c	0.0	c	-0.04	(0.06)	c	c	c	c	0.00	(0.13)	c	c	c	c
Italy (Provincia Toscana)	1.9	(1.9)	1.9	(1.9)	0.05	(0.04)	-0.77	(0.07)	0.82	(0.07)	0.01	(0.14)	-0.16	(0.16)	0.17	(0.13)
Italy (Provincia Trento)	5.9	(3.3)	0.0	c	0.06	(0.03)	-0.54	(0.11)	0.60	(0.11)	0.08	(0.08)	-0.32	(0.16)	0.40	(0.12)
Italy (Provincia Umbria)	14.5	(4.8)	1.8	(1.8)	0.12	(0.03)	-0.66	(0.12)	0.79	(0.13)	-0.06	(0.14)	0.09	(0.18)	-0.15	(0.14)
Italy (Provincia Valle d'Aosta)	4.2	(4.1)	0.0	c	0.03	(0.03)	-0.49	(0.09)	0.52	(0.11)	0.00	(0.01)	-0.28	(0.14)	0.29	(0.15)
Italy (Provincia Veneto)	5.7	(3.2)	3.8	(2.6)	0.00	(0.05)	-0.60	(0.07)	0.60	(0.08)	0.02	(0.13)	-0.02	(0.13)	0.04	(0.12)
United Kingdom (England)	14.5	(2.7)	6.1	(1.9)	0.01	(0.03)	-0.23	(0.13)	0.24	(0.13)	0.03	(0.09)	-0.18	(0.11)	0.21	(0.12)
United Kingdom (Northern Ireland)	0.0	c	0.0	c	0.00	(0.03)	-0.18	(0.14)	0.18	(0.14)	-0.02	(0.12)	0.21	(0.20)	-0.23	(0.18)
United Kingdom (Wales)	1.5	(1.1)	0.8	(0.8)	0.02	(0.04)	-0.22	(0.17)	0.24	(0.17)	-0.02	(0.07)	-0.23	(0.16)	0.21	(0.15)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.4.6 for national data.


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[Part 2/2]

**Characteristics of schools attended by students with and without an immigrant background
(Scores standardised within each country sample)**
Table S.II.h Results based on students' self-reports and school principals' reports

	Negative mean index indicates more favourable characteristics											
	Student/teacher ratio						Index of teacher shortage					
	Native students		Immigrant students		Difference (N-I)		Native students		Immigrant students		Difference (N-I)	
	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.
Adjudicated												
Belgium (Flemish Community)	0.02	(0.06)	-0.38	(0.10)	0.39	(0.09)	-0.01	(0.07)	0.07	(0.16)	-0.08	(0.15)
Spain (Andalusia)	-0.05	(0.08)	-0.13	(0.12)	0.07	(0.12)	-0.02	(0.14)	-0.10	(0.13)	0.08	(0.11)
Spain (Aragon)	-0.03	(0.07)	-0.24	(0.10)	0.21	(0.08)	-0.02	(0.14)	-0.04	(0.15)	0.02	(0.11)
Spain (Asturias)	0.02	(0.07)	-0.24	(0.11)	0.25	(0.13)	-0.01	(0.13)	0.08	(0.23)	-0.08	(0.17)
Spain (Balearic Islands)	0.12	(0.14)	-0.43	(0.15)	0.55	(0.12)	0.03	(0.13)	0.03	(0.20)	0.00	(0.13)
Spain (Basque Country)	0.04	(0.05)	-0.38	(0.11)	0.42	(0.12)	0.04	(0.08)	-0.20	(0.09)	0.24	(0.10)
Spain (Canary Islands)	0.01	(0.14)	-0.24	(0.11)	0.25	(0.16)	0.02	(0.11)	0.02	(0.17)	0.00	(0.12)
Spain (Cantabria)	-0.05	(0.07)	-0.10	(0.13)	0.05	(0.12)	0.00	(0.15)	0.02	(0.25)	-0.02	(0.16)
Spain (Castile and Leon)	0.01	(0.10)	0.01	(0.20)	0.00	(0.16)	0.02	(0.18)	0.13	(0.22)	-0.11	(0.17)
Spain (Catalonia)	0.01	(0.14)	-0.36	(0.10)	0.37	(0.13)	0.03	(0.11)	-0.07	(0.15)	0.10	(0.12)
Spain (Ceuta and Melilla)	0.02	(0.01)	-0.26	(0.06)	0.29	(0.07)	0.01	(0.01)	-0.03	(0.07)	0.04	(0.08)
Spain (Galicia)	-0.01	(0.06)	-0.07	(0.11)	0.05	(0.08)	-0.01	(0.14)	-0.03	(0.18)	0.02	(0.12)
Spain (La Rioja)	-0.06	(0.01)	-0.23	(0.07)	0.17	(0.08)	-0.06	(0.01)	0.04	(0.07)	-0.11	(0.08)
Spain (Madrid)	0.13	(0.11)	-0.12	(0.14)	0.25	(0.14)	0.03	(0.13)	0.10	(0.18)	-0.07	(0.14)
Spain (Murcia)	0.03	(0.12)	-0.24	(0.16)	0.27	(0.14)	0.00	(0.17)	0.04	(0.24)	-0.04	(0.17)
Spain (Navarre)	0.13	(0.06)	-0.33	(0.08)	0.47	(0.09)	-0.07	(0.13)	-0.34	(0.10)	0.27	(0.12)
United Kingdom (Scotland)	0.05	(0.09)	-0.06	(0.24)	0.11	(0.22)	-0.02	(0.09)	-0.06	(0.16)	0.04	(0.13)
Non-adjudicated												
Belgium (French Community)	0.10	(0.07)	-0.18	(0.16)	0.29	(0.14)	-0.01	(0.10)	0.08	(0.10)	-0.09	(0.10)
Belgium (German-Speaking Community)	0.00	(0.02)	-0.06	(0.06)	0.05	(0.08)	-0.08	(0.02)	0.34	(0.07)	-0.42	(0.08)
Finland (Finnish Speaking)	0.01	(0.08)	0.10	(0.14)	-0.09	(0.11)	0.01	(0.08)	-0.02	(0.16)	0.03	(0.15)
Finland (Swedish Speaking)	0.20	(0.01)	c	c	c	c	0.01	(0.01)	c	c	c	c
Italy (Provincia Abruzzo)	0.03	(0.11)	-0.57	(0.11)	0.60	(0.12)	-0.02	(0.11)	0.26	(0.44)	-0.28	(0.43)
Italy (Provincia Autonoma di Bolzano)	0.34	(0.01)	0.03	(0.10)	0.31	(0.10)	0.19	(0.02)	-0.20	(0.14)	0.39	(0.13)
Italy (Provincia Basilicata)	-0.05	(0.06)	c	c	c	c	-0.01	(0.11)	c	c	c	c
Italy (Provincia Calabria)	-0.02	(0.08)	c	c	c	c	0.01	(0.13)	c	c	c	c
Italy (Provincia Campania)	0.02	(0.12)	c	c	c	c	-0.01	(0.14)	c	c	c	c
Italy (Provincia Emilia Romagna)	0.04	(0.11)	-0.43	(0.09)	0.47	(0.11)	-0.05	(0.16)	0.07	(0.17)	-0.12	(0.13)
Italy (Provincia Friuli Venezia Giulia)	-0.02	(0.08)	-0.13	(0.10)	0.11	(0.11)	0.11	(0.13)	0.04	(0.20)	0.07	(0.12)
Italy (Provincia Lazio)	-0.03	(0.11)	-0.29	(0.14)	0.26	(0.15)	0.04	(0.16)	-0.30	(0.18)	0.34	(0.17)
Italy (Provincia Liguria)	-0.09	(0.08)	-0.35	(0.13)	0.26	(0.14)	-0.01	(0.15)	0.04	(0.17)	-0.05	(0.12)
Italy (Provincia Lombardia)	-0.09	(0.10)	0.00	(0.29)	-0.09	(0.25)	-0.08	(0.12)	-0.12	(0.24)	0.04	(0.19)
Italy (Provincia Marche)	0.02	(0.09)	-0.41	(0.09)	0.43	(0.11)	0.01	(0.15)	0.00	(0.20)	0.01	(0.15)
Italy (Provincia Molise)	0.22	(0.02)	c	c	c	c	-0.07	(0.02)	c	c	c	c
Italy (Provincia Piemonte)	-0.07	(0.13)	-0.12	(0.16)	0.05	(0.11)	-0.05	(0.15)	-0.12	(0.30)	0.07	(0.26)
Italy (Provincia Puglia)	0.02	(0.10)	c	c	c	c	-0.02	(0.15)	c	c	c	c
Italy (Provincia Sardegna)	-0.07	(0.12)	c	c	c	c	-0.01	(0.14)	c	c	c	c
Italy (Provincia Sicilia)	-0.06	(0.12)	c	c	c	c	-0.04	(0.15)	c	c	c	c
Italy (Provincia Toscana)	-0.02	(0.14)	-0.23	(0.12)	0.20	(0.13)	-0.02	(0.14)	-0.08	(0.34)	0.06	(0.32)
Italy (Provincia Trento)	0.03	(0.04)	-0.18	(0.09)	0.21	(0.09)	-0.05	(0.08)	-0.10	(0.20)	0.05	(0.15)
Italy (Provincia Umbria)	0.11	(0.08)	-0.20	(0.14)	0.31	(0.12)	-0.07	(0.14)	-0.20	(0.22)	0.12	(0.19)
Italy (Provincia Valle d'Aosta)	-0.01	(0.01)	0.12	(0.14)	-0.13	(0.14)	-0.01	(0.01)	0.31	(0.12)	-0.31	(0.13)
Italy (Provincia Veneto)	-0.09	(0.10)	-0.06	(0.18)	-0.03	(0.14)	0.01	(0.14)	-0.16	(0.21)	0.17	(0.18)
United Kingdom (England)	0.04	(0.08)	-0.43	(0.16)	0.47	(0.14)	-0.02	(0.08)	0.22	(0.14)	-0.24	(0.15)
United Kingdom (Northern Ireland)	0.00	(0.13)	-0.06	(0.31)	0.06	(0.24)	0.01	(0.11)	-0.15	(0.14)	0.16	(0.14)
United Kingdom (Wales)	0.02	(0.08)	-0.04	(0.19)	0.06	(0.18)	0.04	(0.10)	-0.12	(0.22)	0.16	(0.20)

Notes: Values that are statistically significant are indicated in bold (see Annex A3). See Table II.4.6 for national data.

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[Part 1/1]

Between- and within-school variance in reading performance

Table S.II.i Results based on students' self-reports

	Total variance in student performance ²	Variance in student performance between schools	Variance in student performance within schools	Variance expressed as a percentage of the average variance in student performance across OECD countries ¹										Index of academic inclusion ⁵	
				Total variance in student performance expressed as a percentage of the average variance in student performance across OECD countries ¹			Variance explained by the PISA index of economic, social and cultural status of students		Variance explained by the PISA index of economic, social and cultural status of students and schools		Variance explained by students' study programmes		Variance explained by students' study programmes and the PISA index of economic, social and cultural status of students and schools		
				Between-school	Within-school	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school	Within-school	Between-school		Within-school
Adjudicated															
Belgium (Flemish Community)	8 801	5 499	4 282	101.6	63.5	49.4	7.0	1.2	43.9	1.2	52.1	12.2	54.5	12.4	48.7
Spain (Andalusia)	7 932	1 439	6 552	91.6	16.6	75.6	5.8	8.4	6.8	8.4	0.0	0.0	6.8	8.4	82.6
Spain (Aragon)	7 221	759	6 413	83.4	8.8	74.0	4.8	4.2	5.8	4.3	0.0	0.0	5.8	4.3	88.8
Spain (Asturias)	8 756	1 327	7 463	101.1	15.3	86.1	5.0	8.4	6.0	8.3	0.0	0.0	6.0	8.3	85.2
Spain (Balearic Islands)	8 426	1 250	7 125	97.3	14.4	82.2	5.0	5.5	7.7	5.6	0.0	0.0	7.7	5.6	84.6
Spain (Basque Country)	7 000	2 134	5 327	80.8	24.6	61.5	6.6	1.7	11.6	1.7	0.0	0.0	11.6	1.7	76.1
Spain (Canary Islands)	8 417	2 109	6 620	97.2	24.3	76.4	7.5	3.9	10.2	4.0	0.0	0.0	10.2	4.0	78.6
Spain (Cantabria)	7 782	954	6 686	89.8	11.0	77.2	3.4	6.2	3.4	6.2	0.0	0.0	3.4	6.2	85.9
Spain (Castile and Leon)	7 169	1 359	6 073	82.8	15.7	70.1	6.1	5.3	8.4	5.4	0.0	0.0	8.4	5.4	84.7
Spain (Catalonia)	6 771	1 207	5 589	78.2	13.9	64.5	4.9	4.5	6.1	4.5	0.0	0.0	6.1	4.5	82.5
Spain (Ceuta and Melilla)	10 871	5 373	7 065	125.5	62.0	81.6	31.8	5.4	51.8	5.4	0.0	0.0	51.8	5.4	65.0
Spain (Galicia)	7 643	988	6 682	88.2	11.4	77.1	3.3	1.9	6.2	2.0	0.0	0.0	6.2	2.0	87.4
Spain (La Rioja)	8 331	1 650	7 182	96.2	19.0	82.9	8.0	8.7	11.5	8.7	0.0	0.0	11.5	8.7	86.2
Spain (Madrid)	7 142	1 828	5 615	82.4	21.1	64.8	9.4	4.8	14.0	5.0	0.0	0.0	14.0	5.0	78.6
Spain (Murcia)	6 450	1 125	5 201	74.5	13.0	60.0	4.5	5.5	4.8	5.4	0.0	0.0	4.8	5.4	80.6
Spain (Navarre)	7 019	1 158	5 850	81.0	13.4	67.5	5.1	5.6	6.7	5.6	0.0	0.0	6.7	5.6	83.3
United Kingdom (Scotland)	8 872	1 611	7 668	102.4	18.6	88.5	11.1	6.9	15.6	6.8	0.5	3.7	15.8	10.0	86.4
Non-adjudicated															
Belgium (French Community)	11 905	6 123	5 672	137.4	70.7	65.5	1.1	2.9	53.2	2.9	54.7	15.4	64.6	17.0	47.6
Belgium (German-Speaking Community)	8 062	3 746	5 008	93.1	43.2	57.8	0.4	0.4	35.2	0.3	38.5	13.7	39.2	13.8	62.1
Finland (Finnish Speaking)	7 420	621	6 983	85.7	7.2	80.6	1.9	5.3	2.2	5.4	0.0	0.0	2.2	5.4	94.1
Finland (Swedish Speaking)	7 526	497	7 133	86.9	5.7	82.3	3.1	7.1	3.1	7.1	0.0	0.0	3.1	7.1	94.8
Italy (Provincia Abruzzo)	8 267	3 565	4 000	95.4	41.2	46.2	4.5	0.0	21.6	0.0	33.7	0.1	33.9	0.3	48.4
Italy (Provincia Autonoma of Bolzano)	8 558	5 608	4 534	98.8	64.7	52.3	0.2	0.2	15.5	0.2	52.7	2.1	52.7	2.3	53.0
Italy (Provincia Basilicata)	7 396	3 683	3 849	85.4	42.5	44.4	1.1	0.3	32.8	0.1	33.7	0.0	36.9	0.2	52.1
Italy (Provincia Calabria)	8 015	4 641	3 926	92.5	53.6	45.3	2.2	0.3	26.8	0.2	39.4	0.0	43.5	0.0	49.0
Italy (Provincia Campania)	8 625	3 330	4 370	99.6	38.4	50.4	4.6	0.0	12.4	0.0	27.1	3.0	27.3	3.1	50.7
Italy (Provincia Emilia Romagna)	9 821	5 609	4 862	113.4	64.7	56.1	6.9	2.0	48.9	1.9	55.9	0.0	57.8	1.9	49.5
Italy (Provincia Friuli Venezia Giulia)	8 508	5 292	3 956	98.2	61.1	45.7	4.4	0.3	41.3	0.4	60.9	40.9	61.1	40.6	46.5
Italy (Provincia Lazio)	8 334	4 727	3 952	96.2	54.6	45.6	3.6	0.2	16.7	0.4	29.6	0.0	29.7	0.0	47.4
Italy (Provincia Liguria)	8 896	4 438	4 512	102.7	51.2	52.1	1.8	0.4	18.6	0.3	29.4	2.8	29.6	2.8	50.7
Italy (Provincia Lombardia)	8 034	5 757	3 835	92.7	66.5	44.3	7.8	0.2	42.2	0.3	50.1	0.9	51.0	0.9	47.7
Italy (Provincia Marche)	8 538	4 273	3 821	98.6	49.3	44.1	0.9	0.2	20.5	0.2	26.3	0.0	26.3	0.0	44.8
Italy (Provincia Molise)	7 120	3 656	4 049	82.2	42.2	46.7	3.7	0.3	25.8	0.4	22.2	0.2	27.5	0.4	56.9
Italy (Provincia Piemonte)	8 965	4 520	4 373	103.5	52.2	50.5	0.0	0.6	15.0	0.7	30.4	0.0	30.9	0.0	48.8
Italy (Provincia Puglia)	7 433	3 787	3 580	85.8	43.7	41.3	0.0	0.1	15.8	0.1	24.2	0.0	25.1	0.1	48.2
Italy (Provincia Sardegna)	8 728	4 148	4 481	100.7	47.9	51.7	0.9	0.0	27.9	0.0	42.7	0.0	43.2	0.0	51.3
Italy (Provincia Sicilia)	10 092	4 332	3 623	116.5	50.0	41.8	0.0	0.4	7.2	0.3	19.0	0.3	20.9	0.3	35.9
Italy (Provincia Toscana)	9 137	4 579	4 307	105.5	52.9	49.7	1.0	0.7	9.3	0.8	42.3	0.0	42.4	0.0	47.1
Italy (Provincia Trento)	8 671	6 817	4 086	100.1	78.7	47.2	5.0	0.2	64.7	0.5	68.2	0.0	72.9	0.2	47.1
Italy (Provincia Umbria)	9 735	4 896	4 568	112.4	56.5	52.7	1.3	2.4	25.3	2.4	26.5	1.9	30.0	4.4	46.9
Italy (Provincia Valle d'Aosta)	7 425	4 547	3 924	85.7	52.5	45.3	0.0	0.2	28.8	0.1	39.9	0.0	42.3	0.1	52.9
Italy (Provincia Veneto)	8 076	3 801	3 922	93.2	43.9	45.3	0.0	0.1	18.6	0.0	21.3	0.0	24.3	0.0	48.6
United Kingdom (England)	9 106	2 785	6 633	105.1	32.2	76.6	15.2	4.6	25.4	4.7	0.0	0.0	25.4	4.7	72.8
United Kingdom (Northern Ireland)	9 378	4 701	4 970	108.3	54.3	57.4	5.2	2.0	36.4	1.8	0.0	0.0	36.4	1.8	53.0
United Kingdom (Wales)	8 686	1 262	7 600	100.3	14.6	87.7	6.0	8.2	8.0	8.3	0.0	0.0	8.0	8.3	87.5

Note: See Table II.5.1 for national data.


1. The variance components were estimated for all students in participating countries with data on socio-economic background and study programmes.

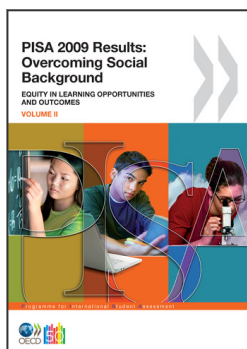
2. The total variance in student performance is calculated from the square of the standard deviation for the students used in the analysis. The statistical variance in student performance and not the standard deviation is used for this comparison to allow for the decomposition.

3. The sum of the between- and within-school variance components, as an estimate from a sample, does not necessarily add up to the total.

4. In some countries, sub-units within schools were sampled instead of schools and this may affect the estimation of the between-school variance components (see Annex A2).

5. The index of academic inclusion is calculated as $100^{\rho}(1-\rho)$, where ρ stands for the intra-class correlation of performance, i.e. the variance in student performance between schools, divided by the sum of the variance in student performance between schools and the variance in student performance within schools.

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