

ANNEX B2

Results for regions within countries

Table II.B2.1 [1/4] **Students' socio-economic status**

		Coverage Index 3: Coverage of 15-year-old population	Students' socio-economic status measured by the PISA index of economic, social and cultural status (ESCS)														
			All students			Variability in the index			Bottom quarter			Second quarter			Third quarter		
			Mean index	S.E.	s	S.D.	S.E.	s	Mean index	S.E.	s	Mean index	S.E.	s	Mean index	S.E.	s
OECD	Belgium																
	Flemish Community*	0.96	0.16	(0.02)		0.90	(0.01)		-1.06	(0.03)		-0.13	(0.03)		0.60	(0.03)	
	French Community	m	-0.05	(0.03)		0.95	(0.02)		-1.32	(0.03)		-0.33	(0.04)		0.36	(0.03)	
	German-speaking Community	m	0.18	(0.04)		0.85	(0.03)		-0.97	(0.07)		-0.07	(0.07)		0.57	(0.05)	
	Canada																
	Alberta	m	0.46	(0.03)		0.81	(0.02)		-0.63	(0.04)		0.23	(0.04)		0.81	(0.03)	
	British Columbia	m	0.43	(0.04)		0.80	(0.02)		-0.66	(0.05)		0.23	(0.05)		0.80	(0.04)	
	Manitoba	m	0.17	(0.03)		0.87	(0.01)		-0.98	(0.04)		-0.12	(0.04)		0.54	(0.03)	
	New Brunswick	m	0.24	(0.03)		0.85	(0.02)		-0.90	(0.04)		-0.03	(0.04)		0.62	(0.03)	
	Newfoundland and Labrador	m	0.38	(0.04)		0.85	(0.03)		-0.74	(0.06)		0.13	(0.05)		0.73	(0.04)	
	Nova Scotia	m	0.33	(0.03)		0.82	(0.03)		-0.77	(0.04)		0.13	(0.04)		0.68	(0.03)	
	Ontario	m	0.48	(0.03)		0.81	(0.02)		-0.62	(0.04)		0.29	(0.04)		0.85	(0.03)	
	Prince Edward Island	m	0.32	(0.08)		0.80	(0.03)		-0.73	(0.06)		0.08	(0.10)		0.66	(0.10)	
	Québec	m	0.37	(0.02)		0.80	(0.01)		-0.71	(0.04)		0.17	(0.03)		0.73	(0.02)	
	Saskatchewan	m	0.29	(0.02)		0.84	(0.02)		-0.80	(0.04)		0.02	(0.03)		0.62	(0.02)	
	Colombia																
	Bogotá	m	-0.56	(0.07)		1.13	(0.04)		-2.01	(0.07)		-0.98	(0.07)		-0.14	(0.10)	
	Italy																
	Bolzano	m	-0.20	(0.02)		0.80	(0.01)		-1.17	(0.02)		-0.53	(0.03)		0.04	(0.03)	
	Sardegna	m	-0.31	(0.04)		0.93	(0.01)		-1.47	(0.03)		-0.70	(0.04)		-0.02	(0.04)	
	Toscana	m	-0.21	(0.03)		0.89	(0.02)		-1.34	(0.04)		-0.54	(0.04)		0.08	(0.04)	
	Trento	m	-0.16	(0.02)		0.83	(0.02)		-1.19	(0.03)		-0.49	(0.03)		0.11	(0.04)	
	Spain																
	Andalusia	m	-0.35	(0.06)		1.05	(0.02)		-1.77	(0.07)		-0.67	(0.07)		0.09	(0.08)	
	Aragon	m	-0.02	(0.05)		0.99	(0.02)		-1.38	(0.06)		-0.26	(0.05)		0.42	(0.06)	
	Asturias	m	-0.09	(0.04)		1.03	(0.02)		-1.47	(0.06)		-0.41	(0.04)		0.35	(0.05)	
	Balearic Islands	m	-0.13	(0.05)		1.00	(0.03)		-1.48	(0.07)		-0.43	(0.06)		0.32	(0.06)	
	Basque Country	m	0.08	(0.03)		0.90	(0.01)		-1.14	(0.04)		-0.17	(0.04)		0.52	(0.03)	
	Canary Islands	m	-0.39	(0.04)		1.02	(0.02)		-1.74	(0.03)		-0.71	(0.04)		0.00	(0.06)	
	Cantabria	m	-0.02	(0.03)		0.93	(0.01)		-1.23	(0.04)		-0.31	(0.03)		0.33	(0.05)	
	Castile and Leon	m	-0.05	(0.05)		1.01	(0.02)		-1.44	(0.05)		-0.32	(0.05)		0.39	(0.06)	
	Castile-La Mancha	m	-0.25	(0.05)		1.07	(0.02)		-1.67	(0.04)		-0.61	(0.06)		0.18	(0.07)	
	Catalonia	m	0.09	(0.04)		0.97	(0.02)		-1.26	(0.06)		-0.15	(0.06)		0.56	(0.04)	
	Ceuta	m	-0.60	(0.05)		1.11	(0.03)		-2.11	(0.09)		-0.88	(0.09)		-0.15	(0.06)	
	Comunidad Valenciana	m	-0.20	(0.04)		1.04	(0.02)		-1.60	(0.04)		-0.52	(0.05)		0.26	(0.06)	
	Extremadura	m	-0.36	(0.06)		1.04	(0.02)		-1.74	(0.06)		-0.72	(0.07)		0.05	(0.06)	
	Galicia	m	-0.08	(0.03)		1.00	(0.03)		-1.40	(0.05)		-0.37	(0.03)		0.33	(0.04)	
	La Rioja	m	-0.15	(0.02)		1.01	(0.02)		-1.50	(0.04)		-0.43	(0.03)		0.28	(0.03)	
	Madrid	m	0.15	(0.04)		1.03	(0.02)		-1.26	(0.05)		-0.12	(0.05)		0.65	(0.04)	
	Melilla	m	-0.61	(0.07)		1.26	(0.05)		-2.27	(0.10)		-1.10	(0.10)		-0.08	(0.10)	
	Murcia	m	-0.41	(0.06)		1.08	(0.03)		-1.85	(0.07)		-0.74	(0.07)		0.02	(0.08)	
	Navarre	m	0.01	(0.03)		1.01	(0.03)		-1.38	(0.06)		-0.25	(0.04)		0.48	(0.04)	
	United Kingdom																
	England	m	0.28	(0.03)		0.92	(0.01)		-0.95	(0.04)		0.01	(0.04)		0.69	(0.03)	
	Northern Ireland	m	0.20	(0.03)		0.87	(0.01)		-0.94	(0.03)		-0.11	(0.04)		0.57	(0.04)	
	Scotland*	0.85	0.22	(0.03)		0.87	(0.01)		-0.94	(0.02)		-0.05	(0.04)		0.61	(0.04)	
	Wales	m	0.23	(0.03)		0.85	(0.01)		-0.90	(0.03)		-0.04	(0.03)		0.59	(0.03)	

* PISA adjudicated region.

Notes: See Table II.B1.2.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (‡) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

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


StatLink  <https://doi.org/10.1787/888934038780>

Table II.B2.1 [2/4] **Students' socio-economic status**

		Coverage Index 3: Coverage of 15-year-old population	Students' socio-economic status measured by the PISA index of economic, social and cultural status (ESCS)														
			All students			Variability in the index			Bottom quarter			Second quarter			Third quarter		
			Mean index	S.E.	s	S.D.	S.E.	s	Mean index	S.E.	s	Mean index	S.E.	s	Mean index	S.E.	s
Partners	Argentina																
	CABA*	0.94	-0.22	(0.05)		1.08	(0.02)		-1.70	(0.07)		-0.53	(0.08)		0.32	(0.06)	
	Cordoba*	0.83	-0.83	(0.05)		1.12	(0.03)		-2.31	(0.06)		-1.22	(0.06)		-0.36	(0.06)	
	PBA*	0.81	-0.91	(0.06)		1.11	(0.02)		-2.33	(0.05)		-1.32	(0.07)		-0.53	(0.08)	
	Tucuman*	0.75	-1.11	(0.06)		1.25	(0.03)		-2.70	(0.06)		-1.62	(0.07)		-0.66	(0.08)	
Brazil																	
	North	m	-1.20	(0.09)		1.21	(0.03)		-2.79	(0.10)		-1.61	(0.11)		-0.75	(0.13)	
	Northeast	m	-1.50	(0.06)		1.31	(0.03)		-3.19	(0.06)		-1.97	(0.06)		-1.04	(0.06)	
	South	m	-0.95	(0.07)		1.23	(0.03)		-2.56	(0.07)		-1.38	(0.08)		-0.51	(0.10)	
	Southeast	m	-0.93	(0.04)		1.13	(0.02)		-2.41	(0.05)		-1.30	(0.04)		-0.50	(0.04)	
	Middle-West	m	-0.79	(0.08)		1.10	(0.04)		-2.21	(0.08)		-1.18	(0.08)		-0.43	(0.10)	
Indonesia																	
	DI Yogyakarta	m	-1.29	(0.07)		1.09	(0.04)		-2.63	(0.07)		-1.73	(0.07)		-1.00	(0.09)	
	DKI Jakarta	m	-1.04	(0.10)		1.05	(0.05)		-2.32	(0.05)		-1.45	(0.08)		-0.77	(0.13)	
Kazakhstan																	
	Akmola region	m	-0.55	(0.03)		0.80	(0.02)		-1.53	(0.03)		-0.89	(0.04)		-0.29	(0.04)	
	Aktobe region	m	-0.49	(0.06)		0.83	(0.02)		-1.56	(0.05)		-0.81	(0.07)		-0.16	(0.07)	
	Almaty	m	-0.14	(0.06)		0.83	(0.02)		-1.25	(0.04)		-0.42	(0.08)		0.25	(0.06)	
	Almaty region	m	-0.53	(0.05)		0.84	(0.02)		-1.56	(0.06)		-0.88	(0.05)		-0.27	(0.06)	
	Astana	m	-0.09	(0.06)		0.82	(0.02)		-1.19	(0.06)		-0.34	(0.09)		0.29	(0.07)	
	Atyrau region	m	-0.53	(0.05)		0.83	(0.02)		-1.60	(0.05)		-0.84	(0.06)		-0.22	(0.06)	
	East-Kazakhstan region	m	-0.53	(0.07)		0.83	(0.03)		-1.59	(0.07)		-0.86	(0.08)		-0.24	(0.08)	
	Karagandy region	m	-0.37	(0.05)		0.80	(0.02)		-1.40	(0.06)		-0.67	(0.07)		-0.07	(0.06)	
	Kostanay region	m	-0.52	(0.04)		0.79	(0.02)		-1.51	(0.05)		-0.85	(0.06)		-0.22	(0.06)	
	Kyzyl-Orda region	m	-0.49	(0.06)		0.90	(0.02)		-1.65	(0.05)		-0.85	(0.07)		-0.13	(0.08)	
	Mangistau region	m	-0.40	(0.07)		0.83	(0.03)		-1.47	(0.07)		-0.71	(0.07)		-0.07	(0.09)	
	North-Kazakhstan region	m	-0.54	(0.04)		0.80	(0.02)		-1.52	(0.03)		-0.89	(0.05)		-0.25	(0.06)	
	Pavlodar region	m	-0.45	(0.06)		0.79	(0.02)		-1.46	(0.04)		-0.76	(0.06)		-0.17	(0.08)	
	South-Kazakhstan region	m	-0.44	(0.06)		0.86	(0.02)		-1.57	(0.05)		-0.76	(0.07)		-0.06	(0.08)	
	West-Kazakhstan region	m	-0.47	(0.04)		0.83	(0.02)		-1.54	(0.04)		-0.80	(0.05)		-0.17	(0.06)	
	Zhambyl region	m	-0.68	(0.07)		0.85	(0.02)		-1.74	(0.06)		-1.03	(0.07)		-0.40	(0.09)	
Russia																	
	Moscow region*	m	0.34	(0.02)		0.69	(0.02)		-0.58	(0.04)		0.18	(0.03)		0.62	(0.02)	
	Republic of Tatarstan*	m	0.13	(0.02)		0.72	(0.01)		-0.81	(0.02)		-0.10	(0.02)		0.45	(0.02)	

* PISA adjudicated region.

Notes: See Table II.B1.2.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (‡) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

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Table II.B2.1 (3/4) **Students' socio-economic status**

	Students' socio-economic status measured by the PISA index of economic, social and cultural status (ESCS)											
	Fourth quarter			Top - Bottom quarter			5th percentile			95th percentile		
	Mean index	S.E.	s	Dif.	S.E.	s	Value	S.E.	s	Value	S.E.	s
OECD												
Belgium												
<i>Flemish Community*</i>	1.23	(0.02)		2.29	(0.03)		-1.36	(0.04)		1.42	(0.01)	2.77 (0.04) .
<i>French Community</i>	1.09	(0.03)		2.40	(0.04)		-1.63	(0.04)		1.32	(0.02)	2.95 (0.04) .
<i>German-speaking Community</i>	1.18	(0.04)		2.15	(0.08)		-1.24	(0.12)		1.33	(0.10)	2.56 (0.16) .
Canada												
<i>Alberta</i>	1.42	(0.03)		2.05	(0.04)		-0.94	(0.05)		1.62	(0.04)	2.57 (0.06) .
<i>British Columbia</i>	1.35	(0.03)		2.02	(0.04)		-0.99	(0.05)		1.56	(0.03)	2.55 (0.05) .
<i>Manitoba</i>	1.25	(0.03)		2.23	(0.04)		-1.30	(0.06)		1.51	(0.05)	2.81 (0.07) .
<i>New Brunswick</i>	1.26	(0.03)		2.16	(0.05)		-1.21	(0.03)		1.46	(0.04)	2.67 (0.05) .
<i>Newfoundland and Labrador</i>	1.38	(0.04)		2.12	(0.05)		-1.02	(0.07)		1.60	(0.05)	2.62 (0.08) .
<i>Nova Scotia</i>	1.27	(0.03)		2.04	(0.04)		-1.06	(0.03)		1.49	(0.04)	2.54 (0.04) .
<i>Ontario</i>	1.40	(0.02)		2.02	(0.04)		-0.94	(0.03)		1.57	(0.03)	2.51 (0.04) .
<i>Prince Edward Island</i>	1.27	(0.08)		2.00	(0.06)		-0.96	(0.06)		1.47	(0.08)	2.43 (0.12) .
<i>Québec</i>	1.30	(0.02)		2.01	(0.03)		-1.05	(0.06)		1.51	(0.03)	2.56 (0.06) .
<i>Saskatchewan</i>	1.33	(0.03)		2.13	(0.04)		-1.10	(0.05)		1.58	(0.03)	2.68 (0.05) .
Colombia												
<i>Bogotá</i>	0.91	(0.09)		2.92	(0.10)		-2.42	(0.06)		1.20	(0.09)	3.62 (0.10) .
Italy												
<i>Bolzano</i>	0.87	(0.04)		2.04	(0.04)		-1.45	(0.06)		1.14	(0.03)	2.59 (0.06) .
<i>Sardegna</i>	0.95	(0.04)		2.42	(0.04)		-1.72	(0.03)		1.28	(0.04)	3.00 (0.04) .
<i>Toscana</i>	0.96	(0.04)		2.30	(0.05)		-1.59	(0.05)		1.20	(0.03)	2.79 (0.05) .
<i>Trento</i>	0.94	(0.03)		2.13	(0.04)		-1.45	(0.08)		1.18	(0.04)	2.63 (0.08) .
Spain												
<i>Andalusia</i>	0.95	(0.05)		2.72	(0.04)		-2.09	(0.07)		1.25	(0.05)	3.34 (0.06) .
<i>Aragon</i>	1.14	(0.04)		2.52	(0.06)		-1.79	(0.06)		1.33	(0.03)	3.13 (0.07) .
<i>Asturias</i>	1.17	(0.04)		2.64	(0.06)		-1.88	(0.06)		1.41	(0.04)	3.29 (0.07) .
<i>Balearic Islands</i>	1.07	(0.05)		2.55	(0.07)		-1.82	(0.07)		1.35	(0.04)	3.17 (0.07) .
<i>Basque Country</i>	1.12	(0.02)		2.26	(0.04)		-1.52	(0.04)		1.30	(0.03)	2.82 (0.04) .
<i>Canary Islands</i>	0.90	(0.06)		2.65	(0.06)		-2.07	(0.03)		1.17	(0.06)	3.24 (0.07) .
<i>Cantabria</i>	1.15	(0.03)		2.38	(0.04)		-1.64	(0.03)		1.37	(0.03)	3.01 (0.04) .
<i>Castile and Leon</i>	1.15	(0.04)		2.58	(0.04)		-1.87	(0.04)		1.39	(0.04)	3.26 (0.05) .
<i>Castile-La Mancha</i>	1.09	(0.04)		2.76	(0.04)		-2.00	(0.03)		1.35	(0.03)	3.35 (0.04) .
<i>Catalonia</i>	1.20	(0.03)		2.46	(0.06)		-1.67	(0.06)		1.43	(0.04)	3.10 (0.07) .
<i>Ceuta</i>	0.75	(0.06)		2.86	(0.09)		-2.54	(0.12)		1.04	(0.05)	3.59 (0.13) .
<i>Comunidad Valenciana</i>	1.07	(0.05)		2.67	(0.05)		-1.97	(0.04)		1.36	(0.04)	3.33 (0.05) .
<i>Extremadura</i>	0.96	(0.05)		2.70	(0.05)		-2.00	(0.06)		1.22	(0.06)	3.22 (0.07) .
<i>Galicia</i>	1.13	(0.04)		2.53	(0.06)		-1.81	(0.06)		1.38	(0.05)	3.19 (0.08) .
<i>La Rioja</i>	1.06	(0.02)		2.57	(0.05)		-1.89	(0.04)		1.31	(0.03)	3.21 (0.05) .
<i>Madrid</i>	1.33	(0.02)		2.59	(0.05)		-1.70	(0.07)		1.55	(0.02)	3.24 (0.07) .
<i>Melilla</i>	1.00	(0.07)		3.27	(0.12)		-2.74	(0.07)		1.28	(0.09)	4.02 (0.12) .
<i>Murcia</i>	0.95	(0.07)		2.80	(0.07)		-2.22	(0.08)		1.24	(0.03)	3.47 (0.08) .
<i>Navarre</i>	1.16	(0.02)		2.54	(0.06)		-1.85	(0.11)		1.37	(0.03)	3.22 (0.11) .
United Kingdom												
<i>England</i>	1.38	(0.02)		2.33	(0.03)		-1.28	(0.04)		1.61	(0.02)	2.89 (0.04) .
<i>Northern Ireland</i>	1.29	(0.03)		2.23	(0.03)		-1.20	(0.03)		1.54	(0.03)	2.74 (0.04) .
<i>Scotland*</i>	1.27	(0.03)		2.21	(0.03)		-1.25	(0.03)		1.47	(0.03)	2.72 (0.04) .
<i>Wales</i>	1.28	(0.03)		2.18	(0.03)		-1.18	(0.03)		1.50	(0.04)	2.68 (0.05) .

* PISA adjudicated region.

Notes: See Table II.B1.2.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (‡) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

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


StatLink  <https://doi.org/10.1787/888934038780>

Table II.B2.1 [4/4] **Students' socio-economic status**

	Students' socio-economic status measured by the PISA index of economic, social and cultural status (ESCS)											
	Fourth quarter			Top - Bottom quarter			5th percentile			95th percentile		
	Mean index	S.E.	s	Dif.	S.E.	s	Value	S.E.	s	Value	S.E.	s
Partners												
Argentina												
<i>CABA*</i>	1.04	(0.03)		2.73	(0.06)		-2.17	(0.06)		1.26	(0.03)	
<i>Cordoba*</i>	0.57	(0.05)		2.88	(0.07)		-2.69	(0.05)		0.87	(0.04)	
<i>PBA*</i>	0.54	(0.06)		2.87	(0.05)		-2.70	(0.06)		0.90	(0.04)	
<i>Tucuman*</i>	0.55	(0.08)		3.25	(0.08)		-3.03	(0.05)		0.91	(0.07)	
Brazil												
<i>North</i>	0.34	(0.05)		3.13	(0.08)		-3.26	(0.09)		0.73	(0.08)	
<i>Northeast</i>	0.19	(0.08)		3.38	(0.08)		-3.61	(0.05)		0.68	(0.06)	
<i>South</i>	0.65	(0.08)		3.21	(0.08)		-2.99	(0.08)		1.03	(0.12)	
<i>Southeast</i>	0.49	(0.05)		2.90	(0.06)		-2.85	(0.08)		0.84	(0.04)	
<i>Middle-West</i>	0.64	(0.10)		2.85	(0.10)		-2.60	(0.08)		0.93	(0.10)	
Indonesia												
<i>DI Yogyakarta</i>	0.19	(0.10)		2.82	(0.10)		-3.02	(0.05)		0.64	(0.10)	
<i>DKI Jakarta</i>	0.39	(0.16)		2.71	(0.13)		-2.65	(0.06)		0.78	(0.16)	
Kazakhstan												
<i>Akmola region</i>	0.52	(0.04)		2.05	(0.04)		-1.73	(0.05)		0.77	(0.03)	
<i>Aktobe region</i>	0.59	(0.04)		2.15	(0.05)		-1.83	(0.06)		0.82	(0.03)	
<i>Almaty</i>	0.88	(0.05)		2.13	(0.04)		-1.51	(0.05)		1.09	(0.07)	
<i>Almaty region</i>	0.57	(0.04)		2.13	(0.05)		-1.78	(0.11)		0.81	(0.05)	
<i>Astana</i>	0.88	(0.03)		2.07	(0.05)		-1.46	(0.06)		1.06	(0.04)	
<i>Atyrau region</i>	0.54	(0.04)		2.13	(0.05)		-1.85	(0.06)		0.80	(0.04)	
<i>East-Kazakhstan region</i>	0.55	(0.07)		2.14	(0.07)		-1.86	(0.08)		0.82	(0.09)	
<i>Karagandy region</i>	0.67	(0.05)		2.06	(0.05)		-1.62	(0.06)		0.89	(0.05)	
<i>Kostanay region</i>	0.50	(0.04)		2.01	(0.05)		-1.75	(0.08)		0.72	(0.04)	
<i>Kyzyl-Orda region</i>	0.67	(0.05)		2.32	(0.04)		-1.89	(0.07)		0.92	(0.03)	
<i>Mangistau region</i>	0.67	(0.07)		2.14	(0.07)		-1.72	(0.09)		0.89	(0.08)	
<i>North-Kazakhstan region</i>	0.52	(0.05)		2.04	(0.05)		-1.71	(0.06)		0.76	(0.06)	
<i>Pavlodar region</i>	0.57	(0.07)		2.03	(0.05)		-1.68	(0.05)		0.81	(0.06)	
<i>South-Kazakhstan region</i>	0.65	(0.05)		2.23	(0.05)		-1.83	(0.08)		0.84	(0.04)	
<i>West-Kazakhstan region</i>	0.61	(0.05)		2.15	(0.05)		-1.78	(0.03)		0.85	(0.08)	
<i>Zhambyl region</i>	0.44	(0.07)		2.18	(0.06)		-1.96	(0.05)		0.69	(0.05)	
Russia												
<i>Moscow region*</i>	1.13	(0.03)		1.71	(0.04)		-0.81	(0.04)		1.25	(0.04)	
<i>Republic of Tatarstan*</i>	1.00	(0.02)		1.81	(0.02)		-1.01	(0.02)		1.15	(0.02)	

* PISA adjudicated region.

Notes: See Table II.B1.2.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (‡) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

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


StatLink  <https://doi.org/10.1787/888934038780>

Table II.B2.4 [1/6] **Socio-economic status and reading performance**

	Reading performance						Socio-economic gradients					
	Score, unadjusted			Score, adjusted by ESCS ¹			Strength: Percentage of variance in reading performance explained by ESCS (R ²)			Slope: Score-point difference in reading performance associated with a one-unit increase in ESCS		
	Mean score	S.E.	s	Mean score	S.E.	s	%	S.E.	s	Score dif.	S.E.	s
OECD												
Belgium												
<i>Flemish Community*</i>	502	(3.4)		496	(3.0)		17.3	(1.1)		48	(1.9)	
<i>French Community</i>	481	(3.0)		485	(2.7)		16.2	(1.6)		42	(2.3)	
<i>German-speaking Community</i>	483	(4.6)		480	(5.0)		5.1	(3.0)		24	(7.0)	
Canada												
<i>Alberta</i>	532	(4.3)		516	(4.3)		9.2	(1.9)		38	(4.0)	
<i>British Columbia</i>	519	(4.5)		508	(4.0)		5.7	(1.5)		31	(4.3)	
<i>Manitoba</i>	494	(3.4)		492	(3.3)		4.6	(1.2)		24	(3.2)	
<i>New Brunswick</i>	489	(3.5)		483	(3.4)		5.6	(1.7)		29	(4.4)	
<i>Newfoundland and Labrador</i>	512	(4.3)		510	(4.7)		5.1	(1.8)		26	(4.4)	
<i>Nova Scotia</i>	516	(3.9)		508	(4.2)		6.1	(1.4)		31	(4.2)	
<i>Ontario</i>	524	(3.5)		514	(3.5)		4.8	(0.9)		27	(2.9)	
<i>Prince Edward Island</i>	503	(8.3)		492	(7.9)		7.9	(3.1)		36	(9.6)	
<i>Québec</i>	519	(3.5)		507	(3.0)		9.4	(1.4)		36	(2.9)	
<i>Saskatchewan</i>	499	(3.0)		492	(3.2)		8.7	(1.5)		33	(3.1)	
Colombia												
<i>Bogotá</i>	455	(5.4)		475	(4.6)		19.3	(3.8)		35	(3.3)	
Italy												
<i>Bolzano</i>	495	(3.3)		502	(3.5)		7.5	(1.5)		31	(3.2)	
<i>Sardegna</i>	462	(4.1)		469	(4.3)		4.6	(1.3)		21	(3.0)	
<i>Toscana</i>	482	(4.0)		489	(3.7)		7.1	(1.3)		28	(2.9)	
<i>Trento</i>	496	(2.3)		502	(2.6)		9.1	(1.6)		34	(3.1)	
Spain												
<i>Andalusia</i>	m	m		m	m		m	m		m	m	
<i>Aragon</i>	m	m		m	m		m	m		m	m	
<i>Asturias</i>	m	m		m	m		m	m		m	m	
<i>Balearic Islands</i>	m	m		m	m		m	m		m	m	
<i>Basque Country</i>	m	m		m	m		m	m		m	m	
<i>Canary Islands</i>	m	m		m	m		m	m		m	m	
<i>Cantabria</i>	m	m		m	m		m	m		m	m	
<i>Castile and Leon</i>	m	m		m	m		m	m		m	m	
<i>Castile-La Mancha</i>	m	m		m	m		m	m		m	m	
<i>Catalonia</i>	m	m		m	m		m	m		m	m	
<i>Ceuta</i>	m	m		m	m		m	m		m	m	
<i>Comunidad Valenciana</i>	m	m		m	m		m	m		m	m	
<i>Extremadura</i>	m	m		m	m		m	m		m	m	
<i>Galicia</i>	m	m		m	m		m	m		m	m	
<i>La Rioja</i>	m	m		m	m		m	m		m	m	
<i>Madrid</i>	m	m		m	m		m	m		m	m	
<i>Melilla</i>	m	m		m	m		m	m		m	m	
<i>Murcia</i>	m	m		m	m		m	m		m	m	
<i>Navarre</i>	m	m		m	m		m	m		m	m	
United Kingdom												
<i>England</i>	505	(3.0)		499	(2.5)		9.8	(1.2)		34	(2.1)	
<i>Northern Ireland</i>	501	(4.0)		498	(3.7)		6.9	(1.1)		29	(2.6)	
<i>Scotland*</i>	504	(3.0)		498	(2.6)		8.3	(1.4)		32	(2.8)	
<i>Wales</i>	483	(4.0)		483	(3.7)		4.0	(0.8)		22	(2.4)	

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: See Table II.B1.2.3 for national data.

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


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Table II.B2.4 [2/6] Socio-economic status and reading performance

		Reading performance						Socio-economic gradients					
		Score, unadjusted			Score, adjusted by ESCS ¹			Strength: Percentage of variance in reading performance explained by ESCS (R ²)			Slope: Score-point difference in reading performance associated with a one-unit increase in ESCS		
		Mean score	S.E.	s	Mean score	S.E.	s	%	S.E.	s	Score dif.	S.E.	s
Partners	Argentina												
	CABA*	454	(5.4)		462	(4.5)		14.7	(2.7)		33	(3.1)	
	Cordoba*	427	(4.5)		455	(4.7)		16.7	(2.5)		33	(2.8)	
	PBA*	413	(5.8)		445	(5.9)		15.5	(3.0)		34	(3.5)	
	Tucuman*	389	(5.0)		427	(5.0)		19.8	(2.8)		34	(2.5)	
	Brazil												
	North	392	(6.9)		424	(9.1)		11.8	(3.5)		26	(4.0)	
	Northeast	389	(4.2)		430	(6.5)		12.2	(2.6)		26	(3.0)	
	South	432	(6.3)		465	(5.1)		17.8	(3.0)		33	(2.9)	
	Southeast	424	(3.0)		452	(3.8)		11.1	(1.6)		29	(2.1)	
	Middle-West	425	(9.1)		454	(11.0)		13.5	(4.6)		35	(7.1)	
	Indonesia												
	DI Yogyakarta	414	(5.8)		448	(9.0)		11.8	(3.8)		26	(4.3)	
	DKI Jakarta	412	(7.0)		447	(9.9)		17.8	(5.9)		33	(6.1)	
	Kazakhstan												
	Akmola region	395	(4.5)		400	(5.1)		0.8	(0.4)		8	(2.6)	
	Aktobe region	381	(4.3)		389	(4.1)		4.4	(1.5)		17	(2.9)	
	Almaty	424	(7.8)		428	(7.5)		4.2	(2.3)		21	(6.3)	
	Almaty region	360	(4.4)		366	(4.5)		2.1	(1.1)		12	(3.2)	
	Astana	428	(7.4)		430	(6.6)		9.5	(2.1)		30	(4.3)	
	Atyrau region	344	(4.4)		354	(4.5)		5.3	(1.9)		19	(3.5)	
	East-Kazakhstan region	405	(6.4)		417	(6.6)		6.3	(3.2)		23	(6.4)	
	Karagandy region	422	(6.8)		430	(7.8)		4.0	(2.3)		21	(6.2)	
	Kostanay region	417	(5.1)		428	(5.7)		4.4	(1.7)		20	(4.1)	
	Kyzyl-Orda region	366	(2.8)		373	(3.1)		4.2	(1.3)		13	(2.2)	
	Mangistau region	361	(5.8)		368	(6.2)		4.9	(2.3)		19	(4.6)	
	North-Kazakhstan region	413	(5.0)		421	(6.2)		2.3	(1.3)		15	(4.3)	
	Pavlodar region	391	(6.5)		398	(7.2)		2.6	(1.6)		17	(5.1)	
	South-Kazakhstan region	368	(3.5)		373	(3.6)		2.1	(0.9)		11	(2.1)	
	West-Kazakhstan region	378	(4.9)		387	(4.9)		4.7	(1.3)		19	(3.0)	
	Zhambyl region	369	(3.6)		375	(4.1)		1.3	(0.8)		8	(2.8)	
	Russia												
	Moscow region*	486	(4.7)		479	(5.4)		2.8	(1.2)		22	(5.1)	
	Republic of Tatarstan*	463	(3.1)		460	(2.8)		4.6	(1.1)		27	(3.3)	

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: See Table II.B1.2.3 for national data.

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


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Table II.B2.4 (3/6) **Socio-economic status and reading performance**

		Reading performance, by socio-economic status (ESCS)														
		National quarter of ESCS														
		Bottom quarter of ESCS			Second quarter of ESCS			Third quarter of ESCS			Top quarter of ESCS			Top - Bottom quarter		
		Mean score	S.E.	s	Mean score	S.E.	s	Mean score	S.E.	s	Mean score	S.E.	s	Score dif.	S.E.	s
OECD	Belgium															
	Flemish Community*	448	(4.6)		483	(5.3)		524	(4.8)		558	(3.1)		110	(5.1)	
	French Community	430	(4.2)		468	(5.0)		497	(5.1)		538	(5.1)		107	(6.7)	
	German-speaking Community	460	(11.2)		480	(10.5)		487	(9.5)		512	(10.1)		52	(16.0)	
	Canada															
	Alberta	492	(6.9)		521	(7.2)		553	(5.2)		568	(6.0)		76	(9.2)	
	British Columbia	483	(6.4)		515	(5.8)		541	(6.1)		545	(8.0)		61	(9.8)	
	Manitoba	468	(5.7)		487	(5.2)		504	(5.4)		526	(5.8)		58	(8.2)	
	New Brunswick	460	(6.3)		477	(6.4)		500	(6.3)		524	(7.6)		63	(10.6)	
	Newfoundland and Labrador	491	(7.9)		514	(8.5)		528	(7.5)		546	(8.0)		55	(9.9)	
	Nova Scotia	480	(6.0)		510	(5.9)		537	(6.9)		543	(8.1)		63	(8.3)	
	Ontario	492	(5.3)		518	(4.9)		542	(5.9)		555	(4.8)		63	(6.7)	
	Prince Edward Island	472	(13.7)		484	(17.1)		510	(12.4)		549	(13.3)		76	(18.0)	
	Québec	482	(4.7)		510	(4.9)		538	(5.0)		554	(4.9)		71	(6.2)	
	Saskatchewan	465	(5.2)		491	(5.7)		510	(5.0)		539	(4.8)		74	(6.8)	
	Colombia															
	Bogotá	409	(7.1)		438	(7.3)		462	(6.9)		515	(12.3)		106	(14.1)	
	Italy															
	Bolzano	466	(5.4)		493	(5.4)		500	(7.0)		525	(5.8)		60	(7.2)	
	Sardegna	436	(5.8)		458	(5.6)		468	(7.4)		485	(6.3)		49	(7.6)	
	Toscana	447	(6.0)		480	(6.7)		495	(6.6)		512	(5.6)		65	(6.8)	
	Trento	461	(5.1)		489	(6.6)		505	(6.3)		533	(6.6)		72	(8.4)	
	Spain															
	Andalusia	m	m		m	m		m	m		m	m		m	m	
	Aragon	m	m		m	m		m	m		m	m		m	m	
	Asturias	m	m		m	m		m	m		m	m		m	m	
	Balearic Islands	m	m		m	m		m	m		m	m		m	m	
	Basque Country	m	m		m	m		m	m		m	m		m	m	
	Canary Islands	m	m		m	m		m	m		m	m		m	m	
	Cantabria	m	m		m	m		m	m		m	m		m	m	
	Castile and Leon	m	m		m	m		m	m		m	m		m	m	
	Castile-La Mancha	m	m		m	m		m	m		m	m		m	m	
	Catalonia	m	m		m	m		m	m		m	m		m	m	
	Ceuta	m	m		m	m		m	m		m	m		m	m	
	Comunidad Valenciana	m	m		m	m		m	m		m	m		m	m	
	Extremadura	m	m		m	m		m	m		m	m		m	m	
	Galicia	m	m		m	m		m	m		m	m		m	m	
	La Rioja	m	m		m	m		m	m		m	m		m	m	
	Madrid	m	m		m	m		m	m		m	m		m	m	
	Melilla	m	m		m	m		m	m		m	m		m	m	
	Murcia	m	m		m	m		m	m		m	m		m	m	
	Navarre	m	m		m	m		m	m		m	m		m	m	
	United Kingdom															
	England	471	(3.8)		495	(4.3)		517	(4.4)		553	(4.6)		82	(5.7)	
	Northern Ireland	476	(4.8)		483	(6.3)		516	(7.1)		539	(6.6)		62	(6.8)	
	Scotland*	472	(4.8)		492	(4.6)		515	(5.8)		544	(5.3)		72	(6.9)	
	Wales	466	(4.7)		478	(5.6)		491	(5.9)		515	(5.8)		49	(6.6)	

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: See Table II.B1.2.3 for national data.

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


StatLink  <https://doi.org/10.1787/888934038780>

Table II.B2.4 [4/6] **Socio-economic status and reading performance**

	Reading performance, by socio-economic status (ESCS)														
	National quarter of ESCS														
	Bottom quarter of ESCS			Second quarter of ESCS			Third quarter of ESCS			Top quarter of ESCS			Top - Bottom quarter		
	Mean score	S.E.	s	Mean score	S.E.	s	Mean score	S.E.	s	Mean score	S.E.	s	Score dif.	S.E.	s
Partners															
Argentina															
<i>CABA*</i>	409	(6.5)		443	(8.3)		463	(7.4)		505	(7.8)		96	(9.5)	
<i>Cordoba*</i>	376	(6.6)		416	(5.7)		446	(6.4)		472	(7.2)		96	(9.5)	
<i>PBA*</i>	369	(5.9)		397	(8.1)		423	(8.2)		466	(9.9)		97	(11.4)	
<i>Tucuman*</i>	341	(5.5)		363	(7.0)		404	(9.6)		451	(7.7)		110	(9.6)	
Brazil															
<i>North</i>	350	(7.8)		390	(8.7)		399	(11.9)		432	(11.4)		82	(12.6)	
<i>Northeast</i>	355	(5.1)		376	(4.8)		389	(6.5)		443	(10.7)		88	(12.4)	
<i>South</i>	390	(8.4)		414	(7.4)		435	(9.7)		496	(9.1)		106	(11.2)	
<i>Southeast</i>	389	(3.5)		407	(4.2)		432	(4.4)		473	(6.7)		84	(7.2)	
<i>Middle-West</i>	391	(8.7)		401	(13.2)		425	(12.0)		488	(21.4)		97	(23.0)	
Indonesia															
<i>DI Yogyakarta</i>	388	(6.3)		395	(5.8)		413	(8.6)		460	(13.6)		73	(14.3)	
<i>DKI Jakarta</i>	378	(4.7)		391	(5.6)		415	(8.9)		465	(21.2)		86	(22.3)	
Kazakhstan															
<i>Akmola region</i>	388	(4.8)		391	(6.3)		398	(7.0)		404	(6.6)		16	(6.0)	
<i>Aktobe region</i>	361	(5.7)		376	(6.7)		387	(6.9)		399	(5.2)		38	(6.4)	
<i>Almaty</i>	401	(8.1)		422	(9.5)		428	(11.4)		448	(12.2)		47	(13.8)	
<i>Almaty region</i>	348	(5.6)		356	(5.8)		362	(6.6)		374	(6.1)		26	(6.7)	
<i>Astana</i>	396	(7.4)		418	(9.9)		441	(9.3)		455	(9.1)		59	(10.4)	
<i>Atyrau region</i>	325	(5.8)		344	(7.1)		342	(7.1)		364	(5.7)		39	(8.0)	
<i>East-Kazakhstan region</i>	380	(10.3)		401	(6.6)		410	(9.4)		429	(10.6)		49	(14.5)	
<i>Karagandy region</i>	398	(6.3)		422	(8.1)		427	(10.9)		443	(11.9)		45	(13.2)	
<i>Kostanay region</i>	396	(7.8)		417	(6.2)		422	(8.2)		434	(7.9)		39	(8.9)	
<i>Kyzyl-Orda region</i>	351	(4.8)		362	(4.5)		373	(5.2)		380	(4.6)		29	(6.1)	
<i>Mangistau region</i>	345	(6.1)		353	(5.3)		362	(8.0)		383	(11.6)		39	(11.9)	
<i>North-Kazakhstan region</i>	397	(6.4)		410	(6.1)		413	(8.7)		431	(8.5)		34	(9.1)	
<i>Pavlodar region</i>	379	(8.1)		383	(6.6)		391	(5.6)		411	(12.8)		33	(12.9)	
<i>South-Kazakhstan region</i>	359	(4.8)		361	(3.5)		370	(6.9)		383	(4.7)		24	(5.3)	
<i>West-Kazakhstan region</i>	360	(5.5)		370	(6.7)		391	(8.2)		393	(6.0)		33	(6.9)	
<i>Zhambyl region</i>	359	(5.9)		369	(5.0)		369	(5.1)		380	(5.8)		21	(7.2)	
Russia															
<i>Moscow region*</i>	462	(7.9)		480	(6.8)		495	(6.3)		509	(5.5)		47	(9.0)	
<i>Republic of Tatarstan*</i>	437	(3.6)		450	(3.2)		478	(4.1)		487	(6.0)		50	(6.5)	

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: See Table II.B1.2.3 for national data.

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


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Table II.B2.4 (5/6) **Socio-economic status and reading performance**

	Reading performance, by socio-economic status (ESCS)								
	National decile of ESCS								
	Below the bottom decile of ESCS			Above the top decile of ESCS			Above top - Below bottom deciles of ESCS		
	Mean score	S.E.	s	Mean score	S.E.	s	Score dif.	S.E.	s
OECD									
Belgium									
<i>Flemish Community*</i>	428	(6.0)		569	(5.4)		141	(7.8)	
<i>French Community</i>	414	(5.5)		548	(5.8)		134	(8.0)	
<i>German-speaking Community</i>	438	(21.8)		518	(16.9)		80	(27.1)	
Canada									
<i>Alberta</i>	478	(10.8)		574	(9.5)		96	(15.8)	
<i>British Columbia</i>	467	(7.8)		543	(11.1)		76	(13.7)	
<i>Manitoba</i>	459	(11.0)		519	(9.6)		60	(14.1)	
<i>New Brunswick</i>	441	(10.4)		515	(14.0)		74	(18.2)	
<i>Newfoundland and Labrador</i>	474	(14.1)		542	(12.6)		68	(18.0)	
<i>Nova Scotia</i>	473	(10.0)		550	(12.5)		76	(15.2)	
<i>Ontario</i>	485	(7.3)		543	(5.6)		58	(8.4)	
<i>Prince Edward Island</i>	465	(19.7)		532	(18.7)		66	(25.1)	
<i>Québec</i>	469	(7.3)		564	(6.3)		96	(9.6)	
<i>Saskatchewan</i>	450	(8.0)		543	(8.8)		93	(12.6)	
Colombia									
<i>Bogotá</i>	401	(7.0)		539	(13.8)		138	(15.1)	
Italy									
<i>Bolzano</i>	439	(7.7)		554	(7.3)		115	(10.4)	
<i>Sardegna</i>	422	(9.7)		505	(9.1)		83	(12.9)	
<i>Toscana</i>	428	(11.9)		518	(7.6)		90	(14.5)	
<i>Trento</i>	441	(8.7)		543	(9.5)		102	(12.0)	
Spain									
<i>Andalusia</i>	m	m		m	m		m	m	
<i>Aragon</i>	m	m		m	m		m	m	
<i>Asturias</i>	m	m		m	m		m	m	
<i>Balearic Islands</i>	m	m		m	m		m	m	
<i>Basque Country</i>	m	m		m	m		m	m	
<i>Canary Islands</i>	m	m		m	m		m	m	
<i>Cantabria</i>	m	m		m	m		m	m	
<i>Castile and Leon</i>	m	m		m	m		m	m	
<i>Castile-La Mancha</i>	m	m		m	m		m	m	
<i>Catalonia</i>	m	m		m	m		m	m	
<i>Ceuta</i>	m	m		m	m		m	m	
<i>Comunidad Valenciana</i>	m	m		m	m		m	m	
<i>Extremadura</i>	m	m		m	m		m	m	
<i>Galicia</i>	m	m		m	m		m	m	
<i>La Rioja</i>	m	m		m	m		m	m	
<i>Madrid</i>	m	m		m	m		m	m	
<i>Melilla</i>	m	m		m	m		m	m	
<i>Murcia</i>	m	m		m	m		m	m	
<i>Navarre</i>	m	m		m	m		m	m	
United Kingdom									
<i>England</i>	452	(6.4)		553	(6.3)		100	(8.4)	
<i>Northern Ireland</i>	461	(7.0)		549	(7.0)		88	(9.3)	
<i>Scotland*</i>	461	(6.4)		549	(7.2)		88	(9.6)	
<i>Wales</i>	457	(6.9)		528	(7.1)		71	(9.0)	

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: See Table II.B1.2.3 for national data.

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


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Table II.B2.4 [6/6] **Socio-economic status and reading performance**

	Reading performance, by socio-economic status (ESCS)								
	National decile of ESCS								
	Below the bottom decile of ESCS			Above the top decile of ESCS			Above top - Below bottom deciles of ESCS		
	Mean score	S.E.	s	Mean score	S.E.	s	Score dif.	S.E.	s
Partners									
Argentina									
<i>CABA*</i>	395	(7.4)		508	(8.9)		113	(12.0)	
<i>Cordoba*</i>	356	(9.4)		488	(8.6)		132	(13.4)	
<i>PBA*</i>	361	(10.1)		495	(9.0)		134	(13.4)	
<i>Tucuman*</i>	331	(7.9)		469	(12.2)		137	(14.4)	
Brazil									
<i>North</i>	336	(9.2)		465	(16.2)		129	(17.3)	
<i>Northeast</i>	346	(6.3)		481	(18.2)		135	(19.7)	
<i>South</i>	375	(11.4)		529	(11.8)		154	(15.5)	
<i>Southeast</i>	387	(5.6)		502	(10.1)		115	(11.5)	
<i>Middle-West</i>	392	(13.6)		522	(34.0)		130	(35.8)	
Indonesia									
<i>DI Yogyakarta</i>	381	(7.1)		482	(16.3)		101	(18.2)	
<i>DKI Jakarta</i>	371	(5.2)		497	(22.0)		126	(23.9)	
Kazakhstan									
<i>Akmola region</i>	374	(7.6)		402	(10.4)		28	(10.1)	
<i>Aktobe region</i>	354	(6.8)		396	(6.4)		42	(9.2)	
<i>Almaty</i>	383	(10.4)		444	(13.6)		62	(18.2)	
<i>Almaty region</i>	346	(8.7)		379	(7.6)		32	(11.2)	
<i>Astana</i>	388	(7.6)		467	(11.1)		79	(13.4)	
<i>Atyrau region</i>	310	(7.5)		370	(7.4)		60	(9.5)	
<i>East-Kazakhstan region</i>	362	(22.8)		433	(16.6)		70	(28.4)	
<i>Karagandy region</i>	391	(8.1)		453	(12.6)		62	(17.5)	
<i>Kostanay region</i>	377	(10.8)		438	(9.5)		61	(13.7)	
<i>Kyzyl-Orda region</i>	341	(7.2)		387	(6.3)		45	(9.7)	
<i>Mangistau region</i>	338	(8.9)		388	(13.3)		50	(15.1)	
<i>North-Kazakhstan region</i>	394	(9.2)		434	(11.4)		41	(13.8)	
<i>Pavlodar region</i>	368	(13.3)		421	(15.8)		53	(18.1)	
<i>South-Kazakhstan region</i>	354	(7.8)		381	(8.0)		27	(10.0)	
<i>West-Kazakhstan region</i>	352	(10.0)		402	(8.9)		50	(12.8)	
<i>Zhambyl region</i>	351	(6.5)		382	(7.2)		31	(9.6)	
Russia									
<i>Moscow region*</i>	461	(10.7)		503	(8.6)		42	(13.7)	
<i>Republic of Tatarstan*</i>	425	(5.2)		483	(8.2)		57	(9.5)	

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: See Table II.B1.2.3 for national data.

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


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Table II.B2.9 [1/4] **Total variation in reading performance, and variation between and within schools**

	Sample size	Coverage ¹	Mean reading performance			Total variation in reading performance ²			Variation in reading performance between schools ³			Variation in reading performance within schools		
	Number of schools	%	Mean score	S.E.	s	Variance	S.E.	s	Variance	S.E.	s	Variance	S.E.	s
OECD														
Belgium														
<i>Flemish Community*</i>	159	97.3	506	(3.5)		10309	(409)		4424	(439)		5865	(180)	
<i>French Community</i>	97	94.2	489	(2.8)		9095	(314)		3175	(330)		5891	(218)	
<i>German-speaking Community</i>	9	98.9	484	(4.6)		8232	(628)		1853	(1033)		6345	(440)	
Canada														
<i>Alberta</i>	79	96.6	532	(4.3)		10298	(468)		1284	(262)		8968	(389)	
<i>British Columbia</i>	83	99.7	520	(4.5)		10750	(444)		949	(274)		9912	(370)	
<i>Manitoba</i>	93	99.3	495	(3.4)		9773	(325)		936	(245)		8876	(343)	
<i>New Brunswick</i>	53	100.0	489	(3.5)		10653	(504)		772	(239)		9978	(550)	
<i>Newfoundland and Labrador</i>	46	99.8	512	(4.3)		9902	(555)		332	(158)		9612	(445)	
<i>Nova Scotia</i>	52	91.7	514	(3.9)		10391	(502)		709	(269)		9651	(446)	
<i>Ontario</i>	146	100.0	524	(3.5)		10233	(317)		1052	(177)		9235	(282)	
<i>Prince Edward Island</i>	9	76.3	505	(13.0)		11470	(1012)		1711	(861)		9577	(893)	
<i>Québec</i>	139	97.8	521	(3.5)		8785	(338)		1723	(281)		7034	(271)	
<i>Saskatchewan</i>	87	99.6	499	(3.0)		8963	(414)		456	(182)		8493	(403)	
Colombia														
<i>Bogotá</i>	58	100.0	455	(5.4)		8013	(514)		2916	(497)		5115	(201)	
Italy														
<i>Bolzano</i>	81	99.7	496	(3.3)		7870	(353)		2535	(389)		5370	(322)	
<i>Sardegna</i>	71	98.9	463	(4.1)		8317	(377)		2855	(418)		5414	(238)	
<i>Toscana</i>	70	99.7	482	(4.0)		8804	(460)		3006	(542)		5669	(261)	
<i>Trento</i>	57	99.6	497	(2.3)		8576	(369)		3669	(601)		4926	(250)	
Spain														
<i>Andalusia</i>	53	98.8	m	m		m	m		m	m		m	m	
<i>Aragon</i>	52	98.7	m	m		m	m		m	m		m	m	
<i>Asturias</i>	55	98.5	m	m		m	m		m	m		m	m	
<i>Balearic Islands</i>	53	97.0	m	m		m	m		m	m		m	m	
<i>Basque Country</i>	128	97.6	m	m		m	m		m	m		m	m	
<i>Canary Islands</i>	54	96.8	m	m		m	m		m	m		m	m	
<i>Cantabria</i>	56	99.1	m	m		m	m		m	m		m	m	
<i>Castile and Leon</i>	59	98.3	m	m		m	m		m	m		m	m	
<i>Castile-La Mancha</i>	53	99.0	m	m		m	m		m	m		m	m	
<i>Catalonia</i>	50	98.3	m	m		m	m		m	m		m	m	
<i>Ceuta</i>	12	97.6	m	m		m	m		m	m		m	m	
<i>Comunidad Valenciana</i>	53	97.9	m	m		m	m		m	m		m	m	
<i>Extremadura</i>	54	97.9	m	m		m	m		m	m		m	m	
<i>Galicia</i>	60	98.5	m	m		m	m		m	m		m	m	
<i>La Rioja</i>	45	98.2	m	m		m	m		m	m		m	m	
<i>Madrid</i>	143	98.2	m	m		m	m		m	m		m	m	
<i>Melilla</i>	8	99.5	m	m		m	m		m	m		m	m	
<i>Murcia</i>	52	96.2	m	m		m	m		m	m		m	m	
<i>Navarre</i>	49	97.9	m	m		m	m		m	m		m	m	
United Kingdom														
<i>England</i>	175	100.0	505	(3.0)		10165	(302)		1812	(255)		8315	(205)	
<i>Northern Ireland</i>	79	100.0	501	(4.0)		9515	(432)		3353	(436)		6123	(296)	
<i>Scotland*</i>	110	100.0	504	(3.0)		8995	(352)		789	(221)		8249	(294)	
<i>Wales</i>	107	100.0	483	(4.0)		9389	(304)		1372	(215)		7989	(280)	

* PISA adjudicated region.

1. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

2. The total variation in student performance is calculated from the square of the standard deviation for all students. Due to the unbalanced, clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

3. In some countries/economies, subunits within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

4. The index of academic inclusion is calculated as $100 \times (1 - \rho)$, where ρ stands for the intra-class correlation of performance. The intra-class correlation, in turn, is the variation in student performance between schools, divided by the sum of the variation in student performance between schools and the variation in student performance within schools, and multiplied by 100.**Notes:** See Table II.B1.4.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (‡) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.


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Table II.B2.9 [2/4] **Total variation in reading performance, and variation between and within schools**

	Sample size	Coverage ¹	Mean reading performance			Total variation in reading performance ²			Variation in reading performance between schools ³			Variation in reading performance within schools		
	Number of schools	%	Mean score	S.E.	s	Variance	S.E.	s	Variance	S.E.	s	Variance	S.E.	s
Partners														
Argentina														
<i>CABA*</i>	81	100.0	454	(5.4)		8711	(433)		2848	(419)		5841	(250)	
<i>Cordoba*</i>	83	100.0	427	(4.5)		8289	(452)		2972	(421)		5291	(196)	
<i>PBA*</i>	87	100.0	413	(5.8)		9359	(443)		3343	(503)		5982	(260)	
<i>Tucuman*</i>	85	100.0	389	(5.0)		9145	(472)		3697	(496)		5397	(184)	
Brazil														
<i>North</i>	37	74.5	413	(8.0)		8071	(507)		2648	(807)		5383	(353)	
<i>Northeast</i>	118	68.8	421	(4.6)		8843	(630)		3294	(652)		5535	(242)	
<i>South</i>	71	88.3	442	(6.0)		9070	(593)		3218	(589)		5813	(351)	
<i>Southeast</i>	187	90.5	431	(2.9)		9472	(305)		3119	(411)		6360	(200)	
<i>Middle-West</i>	37	87.5	439	(8.9)		9954	(1220)		3857	(1360)		6158	(449)	
Indonesia														
<i>DI Yogyakarta</i>	58	100.0	414	(5.8)		6932	(531)		3656	(655)		3252	(174)	
<i>DKI Jakarta</i>	60	100.0	412	(7.0)		6961	(814)		3764	(793)		3207	(290)	
Kazakhstan														
<i>Akmola region</i>	44	87.1	395	(4.9)		6224	(363)		1126	(338)		5120	(343)	
<i>Aktobe region</i>	32	78.6	390	(5.3)		4749	(346)		1205	(459)		3864	(346)	
<i>Almaty</i>	21	71.2	446	(9.5)		7020	(746)		2015	(752)		4889	(474)	
<i>Almaty region</i>	31	86.5	361	(4.8)		4753	(323)		799	(276)		4155	(269)	
<i>Astana</i>	24	81.5	439	(8.0)		6557	(469)		1661	(430)		5013	(280)	
<i>Atyrau region</i>	26	75.3	349	(4.5)		4643	(408)		980	(403)		3897	(328)	
<i>East-Kazakhstan region</i>	37	82.8	415	(6.4)		5795	(445)		1598	(420)		4389	(387)	
<i>Karagandy region</i>	28	72.1	426	(8.2)		7389	(690)		2346	(684)		5202	(447)	
<i>Kostanay region</i>	40	85.8	424	(5.3)		5541	(341)		1360	(381)		4526	(314)	
<i>Kyzyl-Orda region</i>	27	70.9	378	(3.6)		3560	(315)		667	(293)		3140	(335)	
<i>Mangistau region</i>	22	78.7	369	(6.3)		4985	(451)		1479	(514)		3656	(353)	
<i>North-Kazakhstan region</i>	54	86.2	415	(5.5)		6002	(362)		1210	(376)		4965	(255)	
<i>Pavlodar region</i>	35	86.8	393	(7.3)		6899	(432)		2391	(461)		4761	(338)	
<i>South-Kazakhstan region</i>	32	83.7	368	(3.6)		4045	(346)		681	(220)		3529	(326)	
<i>West-Kazakhstan region</i>	35	78.9	384	(5.3)		5131	(377)		1588	(318)		3624	(343)	
<i>Zhambyl region</i>	28	80.0	375	(4.1)		3907	(311)		1080	(346)		2996	(257)	
Russia														
<i>Moscow region*</i>	59	98.3	487	(4.8)		8404	(402)		1170	(248)		7254	(260)	
<i>Republic of Tatarstan*</i>	232	98.7	463	(3.1)		8298	(293)		2072	(273)		6455	(162)	

* PISA adjudicated region.

1. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

2. The total variation in student performance is calculated from the square of the standard deviation for all students. Due to the unbalanced, clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

3. In some countries/economies, subunits within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

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

Notes: See Table II.B1.4.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (§) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.


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Table II.B2.9 [3/4] **Total variation in reading performance, and variation between and within schools**

	As a percentage of the average total variation in reading performance across OECD countries			Index of academic inclusion ⁴		
	Total variation	Between-school variation	Within-school variation			
	%	%	%	%	S.E.	s
OECD						
Belgium						
<i>Flemish Community*</i>	106.0	45.5	60.3	57.0	(2.7)	
<i>French Community</i>	93.5	32.6	60.6	65.0	(2.7)	
<i>German-speaking Community</i>	84.7	19.1	65.2	77.4	(10.1)	
Canada						
<i>Alberta</i>	105.9	13.2	92.2	87.5	(2.3)	
<i>British Columbia</i>	110.5	9.8	101.9	91.3	(2.4)	
<i>Manitoba</i>	100.5	9.6	91.3	90.5	(2.3)	
<i>New Brunswick</i>	109.5	7.9	102.6	92.8	(2.1)	
<i>Newfoundland and Labrador</i>	101.8	3.4	98.8	96.7	(1.6)	
<i>Nova Scotia</i>	106.9	7.3	99.2	93.2	(2.4)	
<i>Ontario</i>	105.2	10.8	95.0	89.8	(1.6)	
<i>Prince Edward Island</i>	117.9	17.6	98.5	84.8	(6.5)	
<i>Québec</i>	90.3	17.7	72.3	80.3	(2.7)	
<i>Saskatchewan</i>	92.2	4.7	87.3	94.9	(2.0)	
Colombia						
<i>Bogotá</i>	82.4	30.0	52.6	63.7	(4.2)	
Italy						
<i>Bolzano</i>	80.9	26.1	55.2	67.9	(3.7)	
<i>Sardegna</i>	85.5	29.4	55.7	65.5	(3.5)	
<i>Toscana</i>	90.5	30.9	58.3	65.3	(4.4)	
<i>Trento</i>	88.2	37.7	50.7	57.3	(4.5)	
Spain						
<i>Andalusia</i>	m	m	m	m	m	
<i>Aragon</i>	m	m	m	m	m	
<i>Asturias</i>	m	m	m	m	m	
<i>Balearic Islands</i>	m	m	m	m	m	
<i>Basque Country</i>	m	m	m	m	m	
<i>Canary Islands</i>	m	m	m	m	m	
<i>Cantabria</i>	m	m	m	m	m	
<i>Castile and Leon</i>	m	m	m	m	m	
<i>Castile-La Mancha</i>	m	m	m	m	m	
<i>Catalonia</i>	m	m	m	m	m	
<i>Ceuta</i>	m	m	m	m	m	
<i>Comunidad Valenciana</i>	m	m	m	m	m	
<i>Extremadura</i>	m	m	m	m	m	
<i>Galicia</i>	m	m	m	m	m	
<i>La Rioja</i>	m	m	m	m	m	
<i>Madrid</i>	m	m	m	m	m	
<i>Melilla</i>	m	m	m	m	m	
<i>Murcia</i>	m	m	m	m	m	
<i>Navarre</i>	m	m	m	m	m	
United Kingdom						
<i>England</i>	104.5	18.6	85.5	82.1	(2.2)	
<i>Northern Ireland</i>	97.8	34.5	63.0	64.6	(3.3)	
<i>Scotland*</i>	92.5	8.1	84.8	91.3	(2.3)	
<i>Wales</i>	96.5	14.1	82.1	85.3	(2.1)	

* PISA adjudicated region.

1. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

2. The total variation in student performance is calculated from the square of the standard deviation for all students. Due to the unbalanced, clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

3. In some countries/economies, subunits within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

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

Notes: See Table II.B1.4.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (‡) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.


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Table II.B2.9 [4/4] **Total variation in reading performance, and variation between and within schools**

	As a percentage of the average total variation in reading performance across OECD countries			Index of academic inclusion ⁴		
	Total variation	Between-school variation	Within-school variation			
	%	%	%	%	S.E.	s
Partners						
Argentina						
<i>CABA*</i>	89.6	29.3	60.1	67.2	(3.6)	
<i>Cordoba*</i>	85.2	30.6	54.4	64.0	(3.6)	
<i>PBA*</i>	96.2	34.4	61.5	64.1	(3.8)	
<i>Tucuman*</i>	94.0	38.0	55.5	59.4	(3.5)	
Brazil						
<i>North</i>	83.0	27.2	55.4	67.0	(6.9)	
<i>Northeast</i>	90.9	33.9	56.9	62.7	(5.0)	
<i>South</i>	93.3	33.1	59.8	64.4	(4.7)	
<i>Southeast</i>	97.4	32.1	65.4	67.1	(3.1)	
<i>Middle-West</i>	102.4	39.7	63.3	61.5	(8.9)	
Indonesia						
<i>DI Yogyakarta</i>	71.3	37.6	33.4	47.1	(5.0)	
<i>DKI Jakarta</i>	71.6	38.7	33.0	46.0	(5.8)	
Kazakhstan						
<i>Akmola region</i>	64.0	11.6	52.6	82.0	(4.7)	
<i>Aktobe region</i>	48.8	12.4	39.7	76.2	(6.6)	
<i>Almaty</i>	72.2	20.7	50.3	70.8	(8.3)	
<i>Almaty region</i>	48.9	8.2	42.7	83.9	(4.7)	
<i>Astana</i>	67.4	17.1	51.5	75.1	(4.9)	
<i>Atyrau region</i>	47.7	10.1	40.1	79.9	(6.5)	
<i>East-Kazakhstan region</i>	59.6	16.4	45.1	73.3	(5.5)	
<i>Karagandy region</i>	76.0	24.1	53.5	68.9	(6.8)	
<i>Kostanay region</i>	57.0	14.0	46.5	76.9	(5.2)	
<i>Kyzyl-Orda region</i>	36.6	6.9	32.3	82.5	(6.2)	
<i>Mangistau region</i>	51.3	15.2	37.6	71.2	(6.5)	
<i>North-Kazakhstan region</i>	61.7	12.4	51.1	80.4	(5.1)	
<i>Pavlodar region</i>	70.9	24.6	49.0	66.6	(5.0)	
<i>South-Kazakhstan region</i>	41.6	7.0	36.3	83.8	(4.7)	
<i>West-Kazakhstan region</i>	52.8	16.3	37.3	69.5	(4.7)	
<i>Zhambyl region</i>	40.2	11.1	30.8	73.5	(5.9)	
Russia						
<i>Moscow region*</i>	86.4	12.0	74.6	86.1	(2.6)	
<i>Republic of Tatarstan*</i>	85.3	21.3	66.4	75.7	(2.6)	

* PISA adjudicated region.

1. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

2. The total variation in student performance is calculated from the square of the standard deviation for all students. Due to the unbalanced, clustered nature of the data, the sum of the between- and within-school variation components, as an estimate from a sample, does not necessarily add up to the total.

3. In some countries/economies, subunits within schools were sampled instead of schools; this may affect the estimation of between-school variation components (see Annex A3).

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

Notes: See Table II.B1.4.1 for national data.

Information regarding the proportion of the sample covered is shown next to the standard error. No symbol means at least 75% of the population was covered; one dagger (†) means at least 50% but less than 75%; and one double-dagger (§) means less than 50% was covered. For comparisons across cycles, the coverage information corresponds to the cycle with the lowest sample coverage.

In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.


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Table II.B2.18 ^[1/6] **Variation in Principals' views on staff shortage, by school characteristics**
Results based on school principals' reports

	All schools ¹											
	Sample size	Coverage ²	Average index of principals' views on staff shortage		Percentiles of index of principals' views on staff shortage						Variability in index of principals' views on staff shortage across schools	
	Number of schools	%	Mean Index	S.E.	10th	S.E.	Median (50th)	S.E.	90th	S.E.	I.D.R.	S.E.
OECD												
Belgium												
<i>Flemish Community*</i>	151	92.3	0.194	(0.061)	-1.455	(0.499)	0.430	(0.024)	1.074	(0.120)	2.530	(0.518)
<i>French Community</i>	89	86.5	0.581	(0.078)	-0.316	(0.162)	0.611	(0.110)	1.440	(0.134)	1.756	(0.224)
<i>German-speaking Community</i>	9	98.9	0.791	(0.010)	-0.002	c	0.592	c	2.098	c	2.100	c
Canada												
<i>Alberta</i>	79	96.6	-0.263	(0.115)	-1.455	c	-0.178	(0.218)	0.837	(0.175)	2.292	(0.175)
<i>British Columbia</i>	81	96.7	0.074	(0.092)	-1.455	c	0.189	(0.092)	1.074	(0.524)	2.530	(0.524)
<i>Manitoba</i>	92	98.6	-0.209	(0.053)	-1.455	c	-0.010	(0.185)	1.074	(0.080)	2.530	(0.080)
<i>New Brunswick</i>	53	100.0	0.268	(0.019)	-1.455	c	0.443	(0.009)	1.074	c	2.530	c
<i>Newfoundland and Labrador</i>	46	99.8	-0.220	(0.051)	-1.455	c	-0.297	(0.000)	1.544	(0.481)	2.999	(0.481)
<i>Nova Scotia</i>	50	88.8	0.270	(0.068)	-1.455	(0.000)	0.430	(0.012)	1.082	(0.187)	2.537	(0.187)
<i>Ontario</i>	143	98.9	-0.525	(0.096)	-1.455	c	-0.587	(0.584)	0.674	(0.248)	2.129	(0.248)
<i>Prince Edward Island</i>	8	63.9	1.145	(0.145)	0.430	c	0.837	(0.289)	2.088	c	1.658	c
<i>Québec</i>	129	89.0	0.158	(0.071)	-1.455	c	0.333	(0.136)	1.258	(0.184)	2.713	(0.184)
<i>Saskatchewan</i>	86	97.5	0.020	(0.071)	-1.455	c	0.028	(0.145)	1.000	(0.012)	2.455	(0.012)
Colombia												
<i>Bogotá</i>	58	100.0	-0.018	(0.116)	-1.455	c	0.013	(0.210)	1.095	(0.169)	2.550	(0.169)
Italy												
<i>Bolzano</i>	81	99.7	0.299	(0.011)	-0.587	(0.028)	0.430	c	0.973	c	1.560	(0.028)
<i>Sardegna</i>	70	97.5	0.672	(0.097)	-0.316	(0.383)	0.674	(0.146)	1.970	(0.145)	2.287	(0.340)
<i>Toscana</i>	68	96.2	0.668	(0.106)	0.006	(0.394)	0.743	(0.100)	1.544	(0.293)	1.538	(0.515)
<i>Trento</i>	55	98.3	0.150	(0.034)	-1.455	c	0.430	c	1.828	c	3.283	c
Spain												
<i>Andalusia</i>	49	93.2	0.447	(0.108)	-0.297	(0.162)	0.449	(0.024)	1.544	(0.489)	1.840	(0.440)
<i>Aragon</i>	50	97.3	0.375	(0.127)	-0.587	(0.379)	0.283	(0.202)	1.341	(0.409)	1.927	(0.574)
<i>Asturias</i>	54	97.9	0.485	(0.086)	-0.297	(0.258)	0.512	(0.140)	1.341	(0.177)	1.637	(0.307)
<i>Balearic Islands</i>	51	97.6	0.459	(0.124)	-0.587	(0.471)	0.512	(0.108)	1.544	(0.071)	2.130	(0.470)
<i>Basque Country</i>	123	96.3	0.104	(0.076)	-0.614	(0.891)	0.108	(0.182)	0.922	(0.210)	1.536	(0.982)
<i>Canary Islands</i>	51	93.8	0.537	(0.146)	-0.587	(1.286)	0.449	(0.025)	1.881	(0.257)	2.468	(1.319)
<i>Cantabria</i>	52	94.7	0.251	(0.095)	-1.455	(0.868)	0.379	(0.143)	1.341	(0.213)	2.796	(0.917)
<i>Castile and Leon</i>	59	100.0	0.355	(0.101)	-0.587	(1.317)	0.360	(0.183)	1.341	(0.168)	1.927	(1.331)
<i>Castile-La Mancha</i>	53	100.0	0.573	(0.127)	-0.297	(0.301)	0.674	(0.128)	1.544	(0.229)	1.840	(0.382)
<i>Catalonia</i>	47	93.3	0.095	(0.145)	-1.455	c	0.183	(0.168)	1.341	(0.428)	2.796	(0.428)
<i>Ceuta</i>	10	71.5	0.780	(0.017)	-0.178	c	0.430	c	2.490	c	2.667	c
<i>Comunidad Valenciana</i>	52	99.6	0.295	(0.101)	-0.614	(0.704)	0.430	(0.193)	1.544	(0.478)	2.158	(0.744)
<i>Extremadura</i>	51	94.3	0.163	(0.174)	-1.455	(0.301)	0.210	(0.178)	1.776	(0.733)	3.231	(0.828)
<i>Galicia</i>	57	95.3	0.047	(0.113)	-1.455	c	0.210	(0.055)	0.922	(0.571)	2.377	(0.571)
<i>La Rioja</i>	44	98.4	0.164	(0.007)	-1.455	c	0.263	c	1.341	c	2.796	c
<i>Madrid</i>	132	93.6	0.455	(0.090)	-0.783	(0.977)	0.449	(0.035)	1.872	(0.139)	2.655	(0.985)
<i>Melilla</i>	8	100.0	0.684	(0.015)	0.189	c	0.655	c	1.544	c	1.354	c
<i>Murcia</i>	52	100.0	0.390	(0.113)	-1.455	(1.342)	0.449	(0.063)	1.544	(0.359)	2.999	(1.533)
<i>Navarre</i>	49	100.0	0.251	(0.092)	-1.455	(1.228)	0.210	(0.052)	1.166	(0.378)	2.621	(1.161)
United Kingdom												
<i>England</i>	132	76.1	-0.217	(0.065)	-1.455	c	0.013	(0.071)	0.837	(0.132)	2.292	(0.132)
<i>Northern Ireland</i>	67	84.1	-0.501	(0.090)	-1.455	c	-0.587	(0.130)	0.605	(0.420)	2.060	(0.420)
<i>Scotland*</i>	83	75.0	0.173	(0.097)	-1.455	(0.368)	0.210	(0.278)	1.258	(0.106)	2.713	(0.381)
<i>Wales</i>	99	92.1	-0.065	(0.086)	-1.455	c	0.006	(0.073)	1.000	(0.093)	2.455	(0.093)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.13 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution.

Privately managed schools are classified as independent when at least 50% of the funding comes from private sources; they are classified as government-dependent when at least 50% of the funding comes from the government (including departments, local, regional, state and national). The classification is based on the school principal's report.


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Table II.B2.18 [2/6] **Variation in Principals' views on staff shortage, by school characteristics**
Results based on school principals' reports

		All schools ¹												
		Sample size	Coverage ²	Average index of principals' views on staff shortage		Percentiles of index of principals' views on staff shortage						Variability in index of principals' views on staff shortage across schools		
												Inter-decile range		
		Number of schools	%	Mean Index	S.E.	10th	S.E.	Median (50th)	S.E.	90th	S.E.	I.D.R.	S.E.	
Partners	Argentina													
	CABA*	75	93.2	-0.178	(0.105)	-1.455	c	-0.178	(0.216)	1.341	(0.326)	2.796	(0.326)	
	Cordoba*	80	96.2	-0.176	(0.122)	-1.455	c	-0.178	(0.136)	1.527	(0.434)	2.982	(0.434)	
	PBA*	82	93.4	-0.242	(0.098)	-1.455	c	-0.088	(0.122)	0.902	(0.190)	2.357	(0.190)	
	Tucuman*	81	94.5	-0.025	(0.110)	-1.455	c	0.028	(0.086)	1.300	(0.451)	2.755	(0.451)	
	Brazil													
	North	34	70.5	-0.550	(0.180)	-1.455	c	-0.587	(0.828)	0.922	(0.193)	2.377	(0.193)	
	Northeast	113	65.8	-0.260	(0.096)	-1.455	c	-0.195	(0.222)	1.095	(0.267)	2.550	(0.267)	
	South	61	80.0	-0.413	(0.155)	-1.455	c	-0.587	(0.487)	0.922	(0.296)	2.377	(0.296)	
	Southeast	170	82.4	-0.021	(0.084)	-1.455	c	0.028	(0.172)	1.356	(0.127)	2.811	(0.127)	
	Middle-West	36	87.2	-0.129	(0.229)	-1.455	c	-0.178	(0.382)	1.651	(0.575)	3.106	(0.575)	
	Indonesia													
	DI Yogyakarta	50	83.3	0.186	(0.163)	-1.455	c	0.263	(0.275)	1.544	(0.175)	2.999	(0.175)	
	DKI Jakarta	49	84.0	0.057	(0.155)	-1.455	c	0.263	(0.105)	1.151	(0.304)	2.607	(0.304)	
	Kazakhstan													
	Akmola region	44	87.1	-0.559	(0.173)	-1.577	c	-0.519	(0.486)	0.586	(0.826)	2.162	(0.826)	
	Aktobe region	32	78.6	-0.287	(0.202)	-1.455	c	-0.213	(0.307)	1.243	(0.439)	2.698	(0.439)	
	Almaty	21	71.2	-0.756	(0.184)	-1.577	c	-0.614	(0.530)	0.006	(0.665)	1.582	(0.665)	
	Almaty region	31	86.5	-0.642	(0.113)	-1.455	c	-0.783	(0.256)	0.430	(0.434)	1.885	(0.434)	
	Astana	24	81.5	-0.092	(0.236)	-1.577	(0.121)	0.150	(0.325)	1.126	(0.363)	2.703	(0.326)	
	Atyrau region	26	75.3	-0.376	(0.182)	-1.455	c	-0.431	(0.110)	0.973	(0.444)	2.428	(0.444)	
	East-Kazakhstan region	37	82.8	-0.607	(0.160)	-1.577	(0.163)	-0.783	(0.211)	0.694	(0.190)	2.270	(0.158)	
	Karagandy region	28	72.1	-0.079	(0.287)	-1.577	(0.121)	-0.222	(0.524)	1.544	(0.141)	3.120	(0.191)	
	Kostanay region	40	85.8	-0.376	(0.236)	-1.577	c	-0.656	(0.405)	1.402	(0.325)	2.978	(0.325)	
	Kyzyl-Orda region	27	70.9	-0.721	(0.163)	-1.455	(0.121)	-1.455	(0.959)	0.512	(0.319)	1.967	(0.335)	
	Mangistau region	22	78.7	-0.231	(0.231)	-1.455	c	-0.459	(0.572)	1.243	(0.233)	2.698	(0.233)	
North-Kazakhstan region	54	86.2	-0.485	(0.133)	-1.577	(0.000)	-0.519	(0.101)	1.004	(0.320)	2.581	(0.320)		
Pavlodar region	35	86.8	-0.721	(0.172)	-1.577	c	-0.914	(0.379)	0.546	(0.215)	2.123	(0.215)		
South-Kazakhstan region	32	83.7	-0.260	(0.229)	-1.455	c	-0.775	(0.519)	1.544	(1.109)	2.999	(1.109)		
West-Kazakhstan region	35	78.9	-0.869	(0.110)	-1.577	(0.000)	-0.783	(0.216)	0.044	(0.266)	1.621	(0.266)		
Zhambyl region	28	80.0	-0.194	(0.287)	-1.455	(0.121)	-0.587	(0.375)	2.088	(1.160)	3.544	(1.157)		
Russia														
Moscow region*	59	98.3	-0.419	(0.107)	-1.455	c	-0.316	(0.146)	0.592	(0.139)	2.047	(0.139)		
Republic of Tatarstan*	232	98.7	-0.060	(0.082)	-1.455	c	-0.002	(0.054)	1.151	(0.125)	2.607	(0.125)		

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.13 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution.

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Table II.B2.18 [3/6] **Variation in Principals' views on staff shortage, by school characteristics**
Results based on school principals' reports

		Average index of principals' views on staff shortage, by schools' socio-economic profile ³									
		Bottom quarter		Second quarter		Third quarter		Top quarter		Top - bottom quarter	
		Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
OECD	Belgium										
	<i>Flemish Community*</i>	0.500	(0.115)	0.153	(0.158)	0.102	(0.125)	0.024	(0.131)	-0.476	(0.169)
	<i>French Community</i>	1.032	(0.145)	0.272	(0.191)	0.565	(0.198)	0.457	(0.182)	-0.576	(0.224)
	<i>German-speaking Community</i>	m	m	m	m	m	m	m	m	m	m
	Canada										
	<i>Alberta</i>	-0.191	(0.249)	-0.520	(0.304)	-0.227	(0.321)	-0.105	(0.247)	0.085	(0.348)
	<i>British Columbia</i>	0.392	(0.220)	-0.020	(0.217)	0.137	(0.285)	-0.241	(0.224)	-0.632	(0.332)
	<i>Manitoba</i>	0.127	(0.126)	-0.249	(0.199)	-0.317	(0.192)	-0.382	(0.093)	-0.509	(0.143)
	<i>New Brunswick</i>	0.294	(0.038)	0.602	(0.033)	-0.387	(0.065)	0.516	(0.027)	0.223	(0.047)
	<i>Newfoundland and Labrador</i>	-0.267	(0.161)	-0.621	(0.156)	0.096	(0.330)	-0.447	(0.315)	-0.179	(0.345)
	<i>Nova Scotia</i>	0.724	(0.219)	-0.041	(0.282)	0.073	(0.184)	0.345	(0.153)	-0.379	(0.209)
	<i>Ontario</i>	-0.105	(0.255)	-0.636	(0.217)	-0.829	(0.201)	-0.506	(0.196)	-0.401	(0.350)
	<i>Prince Edward Island</i>	m	m	m	m	m	m	m	m	m	m
	<i>Québec</i>	0.310	(0.189)	0.422	(0.151)	0.408	(0.144)	-0.536	(0.160)	-0.846	(0.252)
	<i>Saskatchewan</i>	0.029	(0.164)	0.255	(0.250)	-0.143	(0.130)	-0.077	(0.102)	-0.105	(0.189)
	Colombia										
	<i>Bogotá</i>	0.420	(0.257)	0.516	(0.318)	-0.143	(0.282)	-0.938	(0.276)	-1.358	(0.389)
	Italy										
	<i>Bolzano</i>	0.253	(0.017)	0.362	(0.025)	0.531	(0.018)	0.008	(0.034)	-0.246	(0.038)
	<i>Sardegna</i>	0.630	(0.282)	0.576	(0.307)	1.012	(0.285)	0.459	(0.253)	-0.171	(0.414)
	<i>Toscana</i>	0.700	(0.212)	0.844	(0.193)	0.679	(0.407)	0.472	(0.298)	-0.227	(0.363)
	<i>Trento</i>	0.075	(0.112)	0.151	(0.070)	-0.196	(0.078)	0.572	(0.065)	0.497	(0.142)
	Spain										
	<i>Andalusia</i>	0.621	(0.249)	0.761	(0.337)	0.313	(0.356)	0.072	(0.194)	-0.549	(0.332)
	<i>Aragon</i>	-0.018	(0.313)	0.444	(0.399)	0.938	(0.274)	0.126	(0.177)	0.144	(0.342)
	<i>Asturias</i>	0.586	(0.221)	0.308	(0.178)	0.580	(0.251)	0.491	(0.169)	-0.095	(0.264)
	<i>Balearic Islands</i>	0.558	(0.263)	0.543	(0.271)	0.603	(0.325)	0.120	(0.391)	-0.439	(0.447)
	<i>Basque Country</i>	0.077	(0.204)	0.373	(0.166)	0.138	(0.198)	-0.179	(0.158)	-0.256	(0.256)
	<i>Canary Islands</i>	0.779	(0.313)	0.338	(0.498)	1.192	(0.517)	-0.208	(0.290)	-0.987	(0.444)
	<i>Cantabria</i>	0.684	(0.186)	0.117	(0.222)	0.393	(0.295)	-0.154	(0.159)	-0.838	(0.233)
	<i>Castile and Leon</i>	0.447	(0.279)	0.247	(0.297)	0.492	(0.280)	0.212	(0.135)	-0.235	(0.329)
	<i>Castile-La Mancha</i>	0.557	(0.184)	0.635	(0.286)	0.670	(0.434)	0.433	(0.175)	-0.124	(0.250)
	<i>Catalonia</i>	0.344	(0.262)	0.478	(0.363)	-0.079	(0.399)	-0.417	(0.369)	-0.760	(0.452)
	<i>Ceuta</i>	-0.178	c	-0.111	(0.005)	0.692	(0.000)	0.430	(0.000)	0.608	(0.000)
	<i>Comunidad Valenciana</i>	0.172	(0.189)	0.493	(0.281)	0.437	(0.334)	0.067	(0.325)	-0.104	(0.427)
	<i>Extremadura</i>	-0.086	(0.295)	0.692	(0.469)	0.175	(0.257)	-0.131	(0.295)	-0.045	(0.445)
	<i>Galicia</i>	0.006	(0.284)	0.266	(0.271)	0.097	(0.226)	-0.207	(0.215)	-0.214	(0.354)
	<i>La Rioja</i>	0.110	(0.016)	0.198	(0.016)	0.345	(0.008)	0.021	(0.015)	-0.089	(0.021)
	<i>Madrid</i>	1.051	(0.203)	0.557	(0.206)	0.411	(0.209)	-0.229	(0.156)	-1.281	(0.259)
	<i>Melilla</i>	m	m	m	m	m	m	m	m	m	m
	<i>Murcia</i>	0.556	(0.172)	0.601	(0.250)	0.298	(0.340)	0.092	(0.268)	-0.464	(0.309)
	<i>Navarre</i>	0.280	(0.108)	0.430	(0.237)	0.370	(0.280)	-0.078	(0.103)	-0.358	(0.157)
	United Kingdom										
	<i>England</i>	-0.025	(0.159)	0.100	(0.168)	-0.206	(0.163)	-0.761	(0.128)	-0.737	(0.220)
	<i>Northern Ireland</i>	-0.609	(0.215)	-0.754	(0.238)	-0.502	(0.311)	-0.160	(0.219)	0.450	(0.310)
	<i>Scotland*</i>	0.092	(0.222)	0.380	(0.213)	0.278	(0.165)	-0.049	(0.255)	-0.141	(0.339)
	<i>Wales</i>	0.179	(0.276)	-0.141	(0.248)	-0.011	(0.182)	-0.151	(0.189)	-0.331	(0.341)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.13 for national data.

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

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Table II.B2.18 [4/6] **Variation in Principals' views on staff shortage, by school characteristics**
Results based on school principals' reports

		Average index of principals' views on staff shortage, by schools' socio-economic profile ³									
		Bottom quarter		Second quarter		Third quarter		Top quarter		Top - bottom quarter	
		Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
Partners	Argentina										
	CABA*	0.405	(0.204)	0.223	(0.226)	-0.526	(0.294)	-0.864	(0.175)	-1.269	(0.261)
	Cordoba*	-0.003	(0.211)	0.367	(0.288)	-0.487	(0.320)	-0.609	(0.216)	-0.605	(0.301)
	PBA*	-0.049	(0.241)	-0.015	(0.251)	-0.121	(0.298)	-0.816	(0.279)	-0.767	(0.366)
	Tucuman*	0.143	(0.301)	0.407	(0.325)	0.057	(0.204)	-0.720	(0.206)	-0.863	(0.350)
	Brazil										
	North	-0.040	(0.382)	-0.684	(0.433)	-0.650	(0.540)	-1.455	(0.177)	-1.415	(0.409)
	Northeast	0.239	(0.250)	-0.317	(0.246)	0.074	(0.247)	-1.085	(0.210)	-1.324	(0.296)
	South	-0.303	(0.403)	0.006	(0.280)	-0.165	(0.403)	-1.207	(0.182)	-0.904	(0.447)
	Southeast	0.193	(0.136)	0.421	(0.189)	-0.069	(0.282)	-0.646	(0.266)	-0.839	(0.295)
	Middle-West	-0.565	(0.469)	0.128	(0.631)	0.587	(0.686)	-0.745	(0.481)	-0.180	(0.651)
	Indonesia										
	DI Yogyakarta	0.374	(0.281)	-0.081	(0.418)	0.470	(0.348)	-0.053	(0.376)	-0.427	(0.415)
	DKI Jakarta	0.604	(0.171)	0.190	(0.261)	0.031	(0.338)	-0.647	(0.400)	-1.250	(0.435)
	Kazakhstan										
	Akmola region	-0.546	(0.347)	-0.423	(0.508)	-0.399	(0.566)	-0.950	(0.443)	-0.404	(0.570)
	Aktobe region	-0.187	(0.359)	0.320	(0.896)	-0.635	(0.822)	-0.599	(0.733)	-0.412	(0.880)
	Almaty	-1.061	(0.489)	-0.915	(0.433)	-0.884	(0.460)	-0.718	(0.767)	0.344	(0.834)
	Almaty region	-0.637	(0.272)	-1.131	(0.453)	-0.132	(0.393)	-0.670	(0.188)	-0.032	(0.338)
	Astana	0.273	(0.366)	0.317	(0.928)	-0.405	(0.833)	-0.746	(0.331)	-1.018	(0.508)
	Atyrau region	-0.569	(0.227)	-0.485	(0.580)	-0.046	(0.525)	-0.423	(0.767)	0.147	(0.733)
	East-Kazakhstan region	-0.653	(0.312)	-0.659	(0.517)	-0.387	(0.333)	-0.763	(0.403)	-0.110	(0.544)
	Karagandy region	-0.522	(0.397)	-0.945	(1.084)	1.428	(0.826)	0.454	(0.247)	0.976	(0.461)
	Kostanay region	-0.004	(0.407)	-0.769	(0.830)	-0.214	(0.756)	-0.562	(0.653)	-0.559	(0.805)
	Kyzyl-Orda region	-0.797	(0.324)	-0.767	(0.420)	-0.754	(0.586)	-0.594	(0.503)	0.203	(0.671)
	Mangistau region	-0.096	(0.586)	0.923	(1.019)	-0.698	(0.670)	-0.674	(0.368)	-0.578	(0.693)
	North-Kazakhstan region	-0.192	(0.283)	-0.648	(0.553)	-0.472	(0.341)	-0.640	(0.165)	-0.448	(0.307)
	Pavlodar region	-0.687	(0.351)	-0.645	(0.515)	-1.095	(0.590)	-0.394	(0.429)	0.294	(0.517)
	South-Kazakhstan region	0.604	(0.706)	-0.789	(0.603)	-0.340	(0.554)	-0.673	(0.472)	-1.278	(0.735)
	West-Kazakhstan region	-0.708	(0.233)	-0.896	(0.374)	-0.899	(0.436)	-0.983	(0.181)	-0.275	(0.285)
	Zhambyl region	-0.648	(0.321)	0.380	(0.976)	-0.455	(0.578)	-0.056	(0.861)	0.592	(0.894)
	Russia										
	Moscow region*	-0.391	(0.284)	-0.364	(0.246)	-0.731	(0.272)	-0.172	(0.236)	0.218	(0.368)
	Republic of Tatarstan*	-0.130	(0.136)	-0.028	(0.175)	-0.139	(0.173)	0.060	(0.197)	0.190	(0.248)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.13 for national data.

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

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Table II.B2.18 [5/6] **Variation in Principals' views on staff shortage, by school characteristics**
Results based on school principals' reports

	Average index of principals' views on staff shortage, by type of school							
	Public		Private government-dependent		Private independent		Private-Public ⁴	
	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
OECD								
Belgium								
<i>Flemish Community*</i>	m	m	m	m	m	m	m	m
<i>French Community</i>	m	m	m	m	m	m	m	m
<i>German-speaking Community</i>	m	m	m	m	m	m	m	m
Canada								
<i>Alberta</i>	-0.255	(0.115)	m	m	m	m	m	m
<i>British Columbia</i>	0.099	(0.096)	-0.043	(0.427)	m	m	-0.142	(0.441)
<i>Manitoba</i>	-0.170	(0.056)	-0.578	(0.219)	m	m	-0.408	(0.227)
<i>New Brunswick</i>	0.268	(0.019)	m	m	m	m	m	m
<i>Newfoundland and Labrador</i>	-0.202	(0.041)	m	m	m	m	m	m
<i>Nova Scotia</i>	0.270	(0.068)	m	m	m	m	m	m
<i>Ontario</i>	-0.509	(0.099)	m	m	-0.979	(0.137)	-0.469	(0.174)
<i>Prince Edward Island</i>	1.145	(0.145)	m	m	m	m	m	m
<i>Québec</i>	0.396	(0.082)	-0.726	(0.234)	-0.554	(0.221)	-1.014	(0.159)
<i>Saskatchewan</i>	0.050	(0.068)	m	m	m	m	m	m
Colombia								
<i>Bogotá</i>	0.551	(0.160)	m	m	-0.880	(0.170)	-1.431	(0.233)
Italy								
<i>Bolzano</i>	0.310	(0.012)	-0.110	(0.044)	m	m	-0.420	(0.046)
<i>Sardegna</i>	0.690	(0.095)	m	m	m	m	m	m
<i>Toscana</i>	0.675	(0.107)	m	m	m	m	m	m
<i>Trento</i>	0.301	(0.030)	-0.319	(0.122)	m	m	-0.620	(0.130)
Spain								
<i>Andalusia</i>	0.527	(0.133)	0.211	(0.145)	m	m	-0.316	(0.198)
<i>Aragon</i>	0.352	(0.184)	0.490	(0.172)	m	m	0.138	(0.252)
<i>Asturias</i>	0.502	(0.117)	0.468	(0.127)	m	m	-0.033	(0.179)
<i>Balearic Islands</i>	0.641	(0.132)	-0.104	(0.279)	0.633	(0.110)	-0.545	(0.241)
<i>Basque Country</i>	0.125	(0.127)	0.070	(0.088)	m	m	-0.055	(0.155)
<i>Canary Islands</i>	0.780	(0.177)	0.048	(0.436)	-0.446	(0.342)	-0.989	(0.322)
<i>Cantabria</i>	0.482	(0.108)	-0.359	(0.195)	m	m	-0.841	(0.219)
<i>Castile and Leon</i>	0.482	(0.136)	0.012	(0.130)	m	m	-0.470	(0.189)
<i>Castile-La Mancha</i>	0.658	(0.155)	0.312	(0.171)	m	m	-0.346	(0.230)
<i>Catalonia</i>	0.357	(0.198)	-0.376	(0.285)	m	m	-0.733	(0.347)
<i>Ceuta</i>	m	m	0.127	(0.012)	m	m	m	m
<i>Comunidad Valenciana</i>	0.417	(0.112)	0.165	(0.259)	-0.186	(0.376)	-0.344	(0.246)
<i>Extremadura</i>	0.011	(0.212)	0.902	(0.102)	m	m	0.891	(0.234)
<i>Galicia</i>	0.178	(0.142)	-0.282	(0.137)	m	m	-0.460	(0.198)
<i>La Rioja</i>	0.270	(0.007)	0.043	(0.011)	m	m	-0.227	(0.013)
<i>Madrid</i>	0.869	(0.120)	0.230	(0.171)	-0.496	(0.176)	-0.934	(0.183)
<i>Melilla</i>	0.726	(0.016)	m	m	m	m	m	m
<i>Murcia</i>	0.469	(0.145)	0.170	(0.142)	m	m	-0.299	(0.204)
<i>Navarre</i>	0.324	(0.105)	0.033	(0.138)	m	m	-0.291	(0.177)
United Kingdom								
<i>England</i>	-0.087	(0.115)	-0.112	(0.088)	-1.342	(0.114)	-0.204	(0.136)
<i>Northern Ireland</i>	-0.501	(0.101)	-0.477	(0.509)	m	m	0.024	(0.548)
<i>Scotland*</i>	0.215	(0.095)	m	m	m	m	m	m
<i>Wales</i>	-0.040	(0.088)	m	m	-0.775	(0.409)	-0.736	(0.418)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.13 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution.

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Table II.B2.18 [6/6] **Variation in Principals' views on staff shortage, by school characteristics**
Results based on school principals' reports

		Average index of principals' views on staff shortage, by type of school							
		Public		Private government-dependent		Private independent		Private-Public ⁴	
		Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
Partners	Argentina								
	<i>CABA*</i>	0.386	(0.170)	-0.578	(0.171)	-1.276	(0.119)	-1.255	(0.222)
	<i>Cordoba*</i>	0.235	(0.173)	-0.435	(0.269)	-1.051	(0.233)	-0.893	(0.247)
	<i>PBA*</i>	0.102	(0.100)	-0.802	(0.224)	-0.864	(0.496)	-0.920	(0.259)
	<i>Tucuman*</i>	0.222	(0.136)	-0.657	(0.199)	m	m	-0.879	(0.232)
Brazil									
	<i>North</i>	-0.331	(0.204)	m	m	-1.455	c	-1.124	(0.204)
	<i>Northeast</i>	-0.065	(0.108)	m	m	-1.203	(0.141)	-1.138	(0.189)
	<i>South</i>	-0.238	(0.182)	m	m	-1.298	(0.138)	-1.059	(0.226)
	<i>Southeast</i>	0.205	(0.081)	m	m	-0.917	(0.263)	-1.121	(0.276)
	<i>Middle-West</i>	0.048	(0.253)	m	m	-1.061	(0.358)	-1.109	(0.444)
Indonesia									
	<i>DI Yogyakarta</i>	0.274	(0.189)	0.319	(0.430)	-0.018	(0.358)	-0.077	(0.335)
	<i>DKI Jakarta</i>	-0.086	(0.174)	m	m	0.478	(0.227)	0.564	(0.287)
Kazakhstan									
	<i>Akmola region</i>	-0.559	(0.173)	m	m	m	m	m	m
	<i>Aktobe region</i>	-0.287	(0.202)	m	m	m	m	m	m
	<i>Almaty</i>	-0.769	(0.188)	m	m	m	m	m	m
	<i>Almaty region</i>	-0.642	(0.113)	m	m	m	m	m	m
	<i>Astana</i>	-0.075	(0.254)	m	m	m	m	m	m
	<i>Atyrau region</i>	-0.322	(0.204)	m	m	m	m	m	m
	<i>East-Kazakhstan region</i>	-0.597	(0.162)	m	m	m	m	m	m
	<i>Karagandy region</i>	-0.079	(0.287)	m	m	m	m	m	m
	<i>Kostanay region</i>	-0.376	(0.236)	m	m	m	m	m	m
	<i>Kyzyl-Orda region</i>	-0.721	(0.163)	m	m	m	m	m	m
	<i>Mangistau region</i>	-0.231	(0.231)	m	m	m	m	m	m
	<i>North-Kazakhstan region</i>	-0.485	(0.133)	m	m	m	m	m	m
	<i>Pavlodar region</i>	-0.721	(0.172)	m	m	m	m	m	m
	<i>South-Kazakhstan region</i>	-0.240	(0.238)	m	m	m	m	m	m
	<i>West-Kazakhstan region</i>	-0.869	(0.110)	m	m	m	m	m	m
	<i>Zhambyl region</i>	-0.192	(0.290)	m	m	m	m	m	m
Russia									
	<i>Moscow region*</i>	-0.419	(0.107)	m	m	m	m	m	m
	<i>Republic of Tatarstan*</i>	-0.060	(0.082)	m	m	m	m	m	m

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.13 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution. Privately managed schools are classified as independent when at least 50% of the funding comes from private sources; they are classified as government-dependent when at least 50% of the funding comes from the government (including departments, local, regional, state and national). The classification is based on the school principal's report.


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Table II.B2.19 [1/6] **Variation in Principals' views on material shortage, by school characteristics**
Results based on school principals' reports

	All schools ¹											
	Sample size	Coverage ²	Average index of principals' views on material shortage		Percentiles of index of principals' views on material shortage						Variability in index of principals' views on material shortage across schools	
	Number of schools	%	Mean Index	S.E.	10th	S.E.	Median (50th)	S.E.	90th	S.E.	I.D.R.	S.E.
OECD												
Belgium												
<i>Flemish Community*</i>	150	91.7	-0.240	(0.066)	-1.421	c	-0.281	(0.034)	0.757	(0.150)	2.178	(0.150)
<i>French Community</i>	89	86.5	0.356	(0.101)	-1.421	(0.938)	0.268	(0.223)	1.525	(0.338)	2.946	(1.011)
<i>German-speaking Community</i>	9	98.9	-0.362	(0.012)	-1.421	c	0.100	(0.121)	0.757	c	2.178	c
Canada												
<i>Alberta</i>	79	96.6	-0.705	(0.098)	-1.421	c	-1.421	(0.249)	0.470	(0.032)	1.891	(0.032)
<i>British Columbia</i>	80	96.7	-0.321	(0.089)	-1.421	c	-0.238	(0.081)	0.500	(0.354)	1.921	(0.354)
<i>Manitoba</i>	92	98.6	-0.789	(0.044)	-1.421	c	-0.943	(0.002)	0.108	(0.208)	1.529	(0.208)
<i>New Brunswick</i>	53	100.0	0.038	(0.054)	-1.421	c	0.100	(0.033)	1.028	(0.001)	2.450	(0.001)
<i>Newfoundland and Labrador</i>	46	99.8	-0.787	(0.056)	-1.421	c	-1.421	(0.000)	0.142	(0.134)	1.564	(0.134)
<i>Nova Scotia</i>	51	91.5	-0.246	(0.062)	-1.421	c	-0.238	c	0.834	(0.241)	2.255	(0.241)
<i>Ontario</i>	143	98.9	-0.670	(0.089)	-1.421	c	-0.688	(0.232)	0.265	(0.225)	1.686	(0.225)
<i>Prince Edward Island</i>	8	63.9	0.407	(0.119)	0.069	(0.247)	0.100	c	1.248	(0.340)	1.179	(0.420)
<i>Québec</i>	132	91.8	-0.405	(0.075)	-1.421	c	-0.487	(0.130)	0.630	(0.178)	2.051	(0.178)
<i>Saskatchewan</i>	86	97.5	-0.502	(0.052)	-1.421	c	-0.648	(0.052)	0.500	(0.025)	1.921	(0.025)
Colombia												
<i>Bogotá</i>	58	100.0	0.124	(0.121)	-1.421	(0.000)	0.111	(0.091)	1.533	(0.213)	2.954	(0.213)
Italy												
<i>Bolzano</i>	81	99.7	-0.073	(0.016)	-1.421	c	0.100	c	0.834	(0.002)	2.255	(0.002)
<i>Sardegna</i>	69	96.1	0.738	(0.095)	-0.312	(0.348)	0.633	(0.160)	1.774	(0.338)	2.086	(0.496)
<i>Toscana</i>	68	96.2	0.508	(0.090)	-0.684	(0.556)	0.429	(0.009)	1.474	(0.289)	2.159	(0.509)
<i>Trento</i>	55	98.3	-0.435	(0.030)	-1.421	c	-0.445	(0.239)	0.265	(0.200)	1.686	(0.200)
Spain												
<i>Andalusia</i>	51	96.5	0.509	(0.167)	-1.421	(0.755)	0.459	(0.224)	1.932	(0.252)	3.353	(0.803)
<i>Aragon</i>	51	99.3	0.058	(0.163)	-1.421	c	0.057	(0.161)	1.686	(0.295)	3.108	(0.295)
<i>Asturias</i>	54	97.9	0.099	(0.106)	-1.421	(0.513)	-0.238	(0.400)	1.686	(0.157)	3.108	(0.545)
<i>Balearic Islands</i>	51	97.6	0.293	(0.117)	-1.421	(0.348)	0.399	(0.209)	1.686	(0.353)	3.108	(0.534)
<i>Basque Country</i>	123	96.3	-0.082	(0.092)	-1.421	(0.000)	0.069	(0.175)	1.244	(0.319)	2.665	(0.319)
<i>Canary Islands</i>	51	93.8	0.464	(0.152)	-1.421	(0.653)	0.429	(0.109)	1.918	(0.281)	3.340	(0.822)
<i>Cantabria</i>	52	94.7	-0.157	(0.090)	-1.421	(0.000)	-0.102	(0.293)	0.757	(0.078)	2.178	(0.078)
<i>Castile and Leon</i>	58	98.3	0.047	(0.126)	-1.421	(0.000)	-0.113	(0.243)	1.248	(0.080)	2.669	(0.080)
<i>Castile-La Mancha</i>	53	100.0	1.023	(0.148)	-0.634	(0.340)	1.205	(0.153)	2.461	(0.710)	3.096	(0.793)
<i>Catalonia</i>	47	93.3	0.018	(0.163)	-1.421	c	0.100	(0.095)	1.737	(0.409)	3.158	(0.409)
<i>Ceuta</i>	10	71.5	0.364	(0.035)	-1.421	c	0.265	c	2.960	c	4.381	c
<i>Comunidad Valenciana</i>	52	99.6	0.153	(0.120)	-1.421	(0.366)	0.026	(0.168)	1.529	(0.324)	2.950	(0.462)
<i>Extremadura</i>	52	96.1	0.103	(0.173)	-1.421	(0.690)	0.057	(0.337)	1.686	(0.578)	3.108	(1.071)
<i>Galicia</i>	57	95.3	-0.015	(0.117)	-1.421	(0.000)	0.057	(0.158)	1.248	(0.113)	2.669	(0.113)
<i>La Rioja</i>	44	98.4	-0.104	(0.009)	-1.421	(0.000)	-0.067	c	1.248	c	2.669	(0.000)
<i>Madrid</i>	134	95.9	0.013	(0.089)	-1.421	(0.000)	0.100	(0.156)	1.252	(0.106)	2.673	(0.106)
<i>Melilla</i>	8	100.0	0.726	(0.026)	-0.688	c	0.757	(0.038)	2.128	c	2.817	c
<i>Murcia</i>	52	100.0	0.339	(0.116)	-1.421	(0.502)	0.307	(0.213)	1.970	(0.374)	3.391	(0.684)
<i>Navarre</i>	49	100.0	-0.114	(0.105)	-1.421	(0.000)	0.100	(0.338)	1.307	(0.143)	2.728	(0.143)
United Kingdom												
<i>England</i>	132	76.1	-0.088	(0.082)	-1.421	c	-0.067	(0.201)	1.248	(0.201)	2.669	(0.201)
<i>Northern Ireland</i>	68	86.0	0.209	(0.129)	-1.421	(0.433)	0.100	(0.017)	1.686	(0.665)	3.108	(0.808)
<i>Scotland*</i>	83	75.0	-0.267	(0.101)	-1.421	c	-0.238	(0.058)	0.987	(0.371)	2.408	(0.371)
<i>Wales</i>	100	93.0	0.381	(0.082)	-1.421	(0.593)	0.299	(0.151)	1.770	(0.229)	3.191	(0.659)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.14 for national data.

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Table II.B2.19 [2/6] **Variation in Principals' views on material shortage, by school characteristics**
Results based on school principals' reports

		All schools ¹											
		Sample size	Coverage ²	Average index of principals' views on material shortage		Percentiles of index of principals' views on material shortage						Variability in index of principals' views on material shortage across schools	
												Inter-decile range	
												Number of schools	%
Partners	Argentina												
	CABA*	75	93.2	-0.083	(0.130)	-1.421	c	-0.226	(0.236)	1.686	(0.489)	3.108	(0.489)
	Cordoba*	80	96.2	0.134	(0.115)	-1.421	c	0.131	(0.138)	1.474	(0.321)	2.896	(0.321)
	PBA*	83	94.3	0.472	(0.146)	-1.421	c	0.757	(0.286)	2.143	(0.095)	3.564	(0.095)
	Tucuman*	83	96.6	0.160	(0.109)	-1.421	c	0.276	(0.149)	1.291	(0.296)	2.712	(0.296)
	Brazil												
	North	35	72.4	0.242	(0.202)	-1.421	c	0.142	(0.466)	1.686	(0.133)	3.108	(0.133)
	Northeast	113	65.8	0.217	(0.114)	-1.421	c	0.265	(0.257)	1.686	(0.019)	3.108	(0.019)
	South	62	80.4	0.061	(0.149)	-1.421	c	0.100	(0.086)	1.529	(0.237)	2.950	(0.237)
	Southeast	171	82.8	-0.288	(0.079)	-1.421	c	-0.484	(0.227)	1.248	(0.035)	2.669	(0.035)
	Middle-West	36	87.2	0.014	(0.240)	-1.421	c	0.057	(0.174)	1.529	(0.461)	2.950	(0.461)
	Indonesia												
	DI Yogyakarta	49	81.7	0.585	(0.171)	-0.943	(0.427)	0.429	(0.179)	2.186	(0.855)	3.129	(0.947)
	DKI Jakarta	49	84.0	-0.014	(0.174)	-1.421	(0.000)	-0.067	(0.185)	1.686	(0.410)	3.108	(0.410)
	Kazakhstan												
	Akmola region	44	87.1	0.278	(0.203)	-1.421	(0.212)	0.268	(0.328)	1.737	(0.665)	3.158	(0.670)
	Aktobe region	32	78.6	0.690	(0.147)	-0.281	(0.056)	0.789	(0.150)	2.143	(0.590)	2.424	(0.578)
	Almaty	21	71.2	-0.727	(0.185)	-1.421	(0.000)	-1.421	(0.575)	0.630	(1.072)	2.051	(1.072)
	Almaty region	31	86.5	0.194	(0.167)	-1.421	(0.000)	0.429	(0.236)	1.478	(0.462)	2.900	(0.462)
	Astana	24	81.5	0.415	(0.232)	-1.421	(0.855)	0.459	(0.142)	1.248	(0.934)	2.669	(0.815)
	Atyrau region	26	75.3	-0.028	(0.163)	-1.421	(0.230)	0.072	(0.143)	1.248	(0.529)	2.669	(0.577)
	East-Kazakhstan region	37	82.8	0.395	(0.212)	-0.688	(0.733)	0.500	(0.438)	1.727	(0.483)	2.416	(0.774)
	Karagandy region	28	72.1	0.179	(0.206)	-1.421	(0.000)	0.500	(0.215)	1.248	(0.455)	2.669	(0.455)
	Kostanay region	40	85.8	0.496	(0.206)	-1.421	c	0.789	(0.295)	1.686	(0.430)	3.108	(0.430)
	Kyzyl-Orda region	27	70.9	0.254	(0.211)	-1.421	c	0.500	(0.136)	1.478	(0.000)	2.900	(0.000)
	Mangistau region	22	78.7	-0.118	(0.265)	-1.421	c	0.057	(0.681)	1.248	(0.219)	2.669	(0.219)
	North-Kazakhstan region	54	86.2	0.581	(0.159)	-0.688	(0.524)	0.467	(0.267)	1.936	(0.720)	2.624	(0.837)
	Pavlodar region	35	86.8	-0.292	(0.134)	-1.421	(0.000)	-0.269	(0.148)	0.834	(0.492)	2.255	(0.492)
	South-Kazakhstan region	32	83.7	0.388	(0.231)	-0.943	(0.632)	0.103	(0.774)	1.932	(0.380)	2.875	(0.720)
	West-Kazakhstan region	35	78.9	-0.047	(0.149)	-1.421	(0.928)	-0.226	(0.430)	0.831	(0.542)	2.252	(0.986)
	Zhambyl region	28	80.0	0.433	(0.188)	-1.421	(0.423)	0.440	(0.185)	1.574	(0.890)	2.995	(0.917)
	Russia												
	Moscow region*	59	98.3	-0.175	(0.113)	-1.421	(0.000)	-0.141	(0.222)	1.205	(0.388)	2.626	(0.388)
	Republic of Tatarstan*	232	98.7	0.442	(0.081)	-1.421	(0.629)	0.470	(0.040)	1.970	(0.261)	3.391	(0.650)

* PISA adjudicated region.

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2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.14 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution.

Privately managed schools are classified as independent when at least 50% of the funding comes from private sources; they are classified as government-dependent when at least 50% of the funding comes from the government (including departments, local, regional, state and national). The classification is based on the school principal's report.


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Table II.B2.19 [3/6] **Variation in Principals' views on material shortage, by school characteristics**
Results based on school principals' reports

	Average index of principals' views on material shortage, by schools' socio-economic profile ³									
	Bottom quarter		Second quarter		Third quarter		Top quarter		Top - bottom quarter	
	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
OECD										
Belgium										
<i>Flemish Community*</i>	-0.110	(0.140)	-0.220	(0.161)	-0.343	(0.149)	-0.292	(0.153)	-0.183	(0.199)
<i>French Community</i>	0.690	(0.193)	0.300	(0.172)	0.433	(0.275)	-0.002	(0.260)	-0.692	(0.347)
<i>German-speaking Community</i>	m	m	m	m	m	m	m	m	m	m
Canada										
<i>Alberta</i>	-0.824	(0.212)	-0.972	(0.160)	-0.643	(0.295)	-0.355	(0.322)	0.469	(0.411)
<i>British Columbia</i>	-0.071	(0.267)	-0.323	(0.292)	-0.438	(0.273)	-0.465	(0.153)	-0.394	(0.302)
<i>Manitoba</i>	-0.952	(0.115)	-0.823	(0.135)	-0.737	(0.145)	-0.634	(0.109)	0.317	(0.171)
<i>New Brunswick</i>	0.300	(0.153)	0.289	(0.131)	-0.409	(0.049)	-0.057	(0.037)	-0.357	(0.157)
<i>Newfoundland and Labrador</i>	-0.675	(0.132)	-1.173	(0.161)	-0.703	(0.201)	-0.867	(0.103)	-0.192	(0.138)
<i>Nova Scotia</i>	-0.148	(0.165)	-0.217	(0.160)	-0.061	(0.121)	-0.580	(0.015)	-0.433	(0.166)
<i>Ontario</i>	-0.233	(0.285)	-0.879	(0.192)	-0.809	(0.189)	-0.751	(0.141)	-0.518	(0.314)
<i>Prince Edward Island</i>	m	m	m	m	m	m	m	m	m	m
<i>Québec</i>	-0.446	(0.178)	-0.246	(0.194)	-0.109	(0.194)	-0.817	(0.120)	-0.371	(0.220)
<i>Saskatchewan</i>	-0.369	(0.193)	-0.322	(0.200)	-0.873	(0.092)	-0.459	(0.081)	-0.090	(0.205)
Colombia										
<i>Bogotá</i>	0.829	(0.194)	0.508	(0.346)	-0.008	(0.394)	-0.905	(0.309)	-1.734	(0.377)
Italy										
<i>Bolzano</i>	-0.317	(0.026)	0.059	(0.027)	-0.129	(0.033)	0.130	(0.042)	0.447	(0.049)
<i>Sardegna</i>	0.723	(0.272)	0.682	(0.197)	0.864	(0.414)	0.627	(0.291)	-0.096	(0.391)
<i>Toscana</i>	0.219	(0.186)	0.773	(0.230)	0.846	(0.285)	0.229	(0.095)	0.010	(0.206)
<i>Trento</i>	-0.381	(0.103)	-0.544	(0.077)	-0.472	(0.060)	-0.378	(0.022)	0.003	(0.104)
Spain										
<i>Andalusia</i>	0.700	(0.279)	1.155	(0.432)	0.008	(0.409)	0.105	(0.277)	-0.595	(0.326)
<i>Aragon</i>	-0.264	(0.414)	0.374	(0.298)	0.450	(0.540)	-0.404	(0.304)	-0.139	(0.517)
<i>Asturias</i>	0.411	(0.246)	-0.127	(0.266)	0.441	(0.375)	-0.238	(0.228)	-0.649	(0.327)
<i>Balearic Islands</i>	0.135	(0.332)	0.238	(0.291)	0.641	(0.429)	0.128	(0.394)	-0.007	(0.532)
<i>Basque Country</i>	0.208	(0.285)	0.366	(0.304)	-0.319	(0.263)	-0.599	(0.164)	-0.807	(0.325)
<i>Canary Islands</i>	0.616	(0.361)	0.413	(0.421)	0.956	(0.370)	-0.169	(0.381)	-0.785	(0.516)
<i>Cantabria</i>	0.048	(0.289)	-0.005	(0.334)	-0.343	(0.235)	-0.354	(0.266)	-0.402	(0.388)
<i>Castile and Leon</i>	0.325	(0.296)	-0.244	(0.501)	0.471	(0.440)	-0.372	(0.295)	-0.697	(0.417)
<i>Castile-La Mancha</i>	1.181	(0.238)	1.250	(0.418)	0.875	(0.400)	0.764	(0.367)	-0.416	(0.449)
<i>Catalonia</i>	0.338	(0.344)	0.270	(0.518)	-0.053	(0.380)	-0.548	(0.323)	-0.886	(0.482)
<i>Ceuta</i>	-1.421	(0.000)	-0.614	(0.057)	1.973	c	1.248	c	2.669	c
<i>Comunidad Valenciana</i>	0.477	(0.253)	0.152	(0.556)	0.327	(0.455)	-0.372	(0.279)	-0.848	(0.363)
<i>Extremadura</i>	-0.056	(0.286)	0.374	(0.406)	0.427	(0.428)	-0.370	(0.246)	-0.314	(0.338)
<i>Galicia</i>	-0.059	(0.312)	0.272	(0.366)	0.053	(0.287)	-0.361	(0.265)	-0.302	(0.410)
<i>La Rioja</i>	0.294	(0.016)	-0.463	(0.037)	0.163	(0.015)	-0.422	(0.018)	-0.716	(0.024)
<i>Madrid</i>	0.524	(0.218)	0.268	(0.183)	-0.124	(0.207)	-0.657	(0.139)	-1.181	(0.256)
<i>Melilla</i>	m	m	m	m	m	m	m	m	m	m
<i>Murcia</i>	0.577	(0.329)	0.319	(0.343)	0.229	(0.315)	0.217	(0.337)	-0.360	(0.466)
<i>Navarre</i>	0.146	(0.198)	0.031	(0.254)	-0.127	(0.313)	-0.504	(0.161)	-0.650	(0.251)
United Kingdom										
<i>England</i>	0.082	(0.152)	0.107	(0.227)	0.082	(0.195)	-0.598	(0.166)	-0.680	(0.215)
<i>Northern Ireland</i>	0.297	(0.258)	-0.107	(0.344)	0.138	(0.408)	0.510	(0.350)	0.213	(0.471)
<i>Scotland*</i>	-0.610	(0.230)	-0.139	(0.278)	-0.087	(0.216)	-0.218	(0.217)	0.393	(0.330)
<i>Wales</i>	0.634	(0.259)	-0.010	(0.229)	0.526	(0.207)	0.381	(0.176)	-0.252	(0.357)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.14 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution.

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Table II.B2.19 [4/6] **Variation in Principals' views on material shortage, by school characteristics**
Results based on school principals' reports

		Average index of principals' views on material shortage, by schools' socio-economic profile ³									
		Bottom quarter		Second quarter		Third quarter		Top quarter		Top - bottom quarter	
		Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
Partners	Argentina										
	<i>CABA*</i>	0.557	(0.370)	0.407	(0.370)	-0.422	(0.249)	-0.930	(0.192)	-1.487	(0.428)
	<i>Cordoba*</i>	0.673	(0.231)	0.126	(0.245)	-0.068	(0.301)	-0.192	(0.328)	-0.864	(0.407)
	<i>PBA*</i>	1.464	(0.257)	0.779	(0.305)	0.550	(0.518)	-0.929	(0.290)	-2.393	(0.387)
	<i>Tucuman*</i>	0.587	(0.270)	0.192	(0.343)	0.445	(0.205)	-0.615	(0.313)	-1.202	(0.448)
Brazil											
	<i>North</i>	1.121	(0.297)	0.418	(0.558)	0.583	(0.559)	-1.341	(0.440)	-2.462	(0.543)
	<i>Northeast</i>	0.627	(0.282)	0.430	(0.246)	0.501	(0.233)	-0.737	(0.285)	-1.364	(0.380)
	<i>South</i>	0.456	(0.218)	0.552	(0.371)	0.397	(0.482)	-1.222	(0.299)	-1.678	(0.382)
	<i>Southeast</i>	0.191	(0.182)	-0.152	(0.222)	-0.449	(0.226)	-0.739	(0.212)	-0.930	(0.246)
	<i>Middle-West</i>	0.236	(0.527)	0.971	(0.972)	-0.353	(0.378)	-0.863	(0.290)	-1.098	(0.671)
Indonesia											
	<i>DI Yogyakarta</i>	1.194	(0.455)	0.886	(0.554)	0.371	(0.439)	-0.133	(0.238)	-1.327	(0.468)
	<i>DKI Jakarta</i>	0.625	(0.331)	-0.070	(0.403)	0.046	(0.315)	-0.727	(0.374)	-1.352	(0.495)
Kazakhstan											
	<i>Akmola region</i>	0.184	(0.351)	0.102	(0.480)	0.898	(0.644)	-0.163	(0.572)	-0.347	(0.632)
	<i>Aktobe region</i>	0.776	(0.384)	1.255	(0.813)	0.435	(0.685)	0.344	(0.457)	-0.432	(0.622)
	<i>Almaty</i>	-0.686	(0.647)	-0.487	(0.693)	-0.851	(0.616)	-1.421	(0.000)	-0.735	(0.647)
	<i>Almaty region</i>	0.322	(0.430)	-0.307	(0.645)	0.351	(0.337)	0.406	(0.158)	0.084	(0.479)
	<i>Astana</i>	0.207	(0.375)	1.003	(0.592)	-0.114	(0.679)	0.467	(0.352)	0.260	(0.508)
	<i>Atyrau region</i>	-0.142	(0.330)	0.593	(0.450)	-0.377	(0.384)	-0.205	(0.475)	-0.063	(0.610)
	<i>East-Kazakhstan region</i>	0.206	(0.386)	0.189	(0.450)	0.844	(0.525)	0.294	(0.515)	0.088	(0.710)
	<i>Karagandy region</i>	0.285	(0.478)	-0.504	(0.630)	0.724	(0.584)	0.014	(0.390)	-0.272	(0.643)
	<i>Kostanay region</i>	0.794	(0.385)	0.383	(0.480)	0.928	(0.766)	-0.150	(0.345)	-0.944	(0.526)
	<i>Kyzyl-Orda region</i>	0.246	(0.267)	0.032	(1.127)	0.432	(1.272)	0.328	(0.451)	0.083	(0.548)
	<i>Mangistau region</i>	0.138	(0.673)	0.267	(0.894)	-0.144	(1.225)	-0.750	(0.918)	-0.888	(1.171)
	<i>North-Kazakhstan region</i>	0.562	(0.382)	0.897	(0.563)	0.223	(0.416)	0.601	(0.473)	0.039	(0.591)
	<i>Pavlodar region</i>	-0.107	(0.293)	-0.015	(0.486)	-0.788	(0.644)	-0.249	(0.375)	-0.142	(0.449)
	<i>South-Kazakhstan region</i>	1.199	(0.407)	0.396	(0.518)	-0.628	(0.832)	0.515	(0.729)	-0.684	(0.842)
	<i>West-Kazakhstan region</i>	-0.142	(0.225)	0.178	(0.319)	0.402	(0.327)	-0.700	(0.435)	-0.557	(0.407)
	<i>Zhambyl region</i>	-0.053	(0.421)	1.009	(0.681)	0.075	(0.590)	0.660	(0.741)	0.713	(0.822)
Russia											
	<i>Moscow region*</i>	-0.148	(0.301)	-0.237	(0.385)	-0.268	(0.295)	-0.034	(0.214)	0.114	(0.343)
	<i>Republic of Tatarstan*</i>	0.645	(0.117)	0.432	(0.173)	0.334	(0.181)	0.356	(0.200)	-0.290	(0.224)

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.

3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.14 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution. Privately managed schools are classified as independent when at least 50% of the funding comes from private sources; they are classified as government-dependent when at least 50% of the funding comes from the government (including departments, local, regional, state and national). The classification is based on the school principal's report.


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Table II.B2.19 [5/6] **Variation in Principals' views on material shortage, by school characteristics**
Results based on school principals' reports

	Average index of principals' views on material shortage, by type of school							
	Public		Private government-dependent		Private independent		Private-Public ⁴	
	Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
OECD								
Belgium								
<i>Flemish Community*</i>	m	m	m	m	m	m	m	m
<i>French Community</i>	m	m	m	m	m	m	m	m
<i>German-speaking Community</i>	m	m	m	m	m	m	m	m
Canada								
<i>Alberta</i>	-0.743	(0.085)	m	m	m	m	m	m
<i>British Columbia</i>	-0.286	(0.098)	-0.351	(0.168)	m	m	-0.065	(0.185)
<i>Manitoba</i>	-0.778	(0.042)	-0.867	(0.403)	m	m	-0.089	(0.405)
<i>New Brunswick</i>	0.038	(0.054)	m	m	m	m	m	m
<i>Newfoundland and Labrador</i>	-0.779	(0.056)	m	m	m	m	m	m
<i>Nova Scotia</i>	-0.246	(0.062)	m	m	m	m	m	m
<i>Ontario</i>	-0.656	(0.092)	m	m	-1.077	(0.234)	-0.420	(0.250)
<i>Prince Edward Island</i>	0.407	(0.119)	m	m	m	m	m	m
<i>Québec</i>	-0.273	(0.092)	-1.009	(0.183)	-0.725	(0.167)	-0.552	(0.152)
<i>Saskatchewan</i>	-0.519	(0.055)	m	m	m	m	m	m
Colombia								
<i>Bogotá</i>	0.654	(0.155)	m	m	-0.676	(0.206)	-1.331	(0.257)
Italy								
<i>Bolzano</i>	-0.065	(0.016)	-0.515	(0.044)	m	m	-0.450	(0.047)
<i>Sardegna</i>	0.755	(0.096)	m	m	m	m	m	m
<i>Toscana</i>	0.515	(0.091)	m	m	m	m	m	m
<i>Trento</i>	-0.412	(0.015)	-0.507	(0.121)	m	m	-0.096	(0.123)
Spain								
<i>Andalusia</i>	0.768	(0.201)	-0.440	(0.242)	m	m	-1.208	(0.314)
<i>Aragon</i>	0.229	(0.214)	-0.170	(0.316)	m	m	-0.400	(0.382)
<i>Asturias</i>	0.231	(0.138)	-0.222	(0.166)	m	m	-0.454	(0.219)
<i>Balearic Islands</i>	0.560	(0.131)	-0.301	(0.307)	-0.391	(0.433)	-0.885	(0.278)
<i>Basque Country</i>	0.024	(0.157)	-0.234	(0.101)	m	m	-0.258	(0.186)
<i>Canary Islands</i>	0.743	(0.187)	-0.378	(0.302)	-0.512	(0.234)	-1.191	(0.253)
<i>Cantabria</i>	-0.123	(0.112)	-0.273	(0.156)	m	m	-0.150	(0.193)
<i>Castile and Leon</i>	0.423	(0.172)	-0.695	(0.158)	m	m	-1.118	(0.232)
<i>Castile-La Mancha</i>	1.246	(0.170)	0.045	(0.334)	m	m	-1.201	(0.375)
<i>Catalonia</i>	0.166	(0.181)	-0.174	(0.415)	m	m	-0.340	(0.453)
<i>Ceuta</i>	m	m	0.084	(0.048)	m	m	m	m
<i>Comunidad Valenciana</i>	0.335	(0.150)	-0.006	(0.287)	-0.652	(0.291)	-0.511	(0.269)
<i>Extremadura</i>	0.123	(0.201)	0.200	(0.260)	m	m	0.077	(0.330)
<i>Galicia</i>	0.179	(0.122)	-0.470	(0.307)	m	m	-0.649	(0.330)
<i>La Rioja</i>	-0.080	(0.013)	-0.108	(0.015)	m	m	-0.029	(0.021)
<i>Madrid</i>	0.359	(0.088)	-0.123	(0.210)	-0.679	(0.181)	-0.718	(0.172)
<i>Melilla</i>	0.797	(0.027)	m	m	m	m	m	m
<i>Murcia</i>	0.618	(0.141)	-0.436	(0.196)	m	m	-1.053	(0.243)
<i>Navarre</i>	0.057	(0.136)	-0.378	(0.183)	m	m	-0.435	(0.233)
United Kingdom								
<i>England</i>	0.126	(0.140)	0.041	(0.111)	-1.352	(0.061)	-0.288	(0.169)
<i>Northern Ireland</i>	0.218	(0.133)	0.170	(0.419)	m	m	-0.048	(0.430)
<i>Scotland*</i>	-0.249	(0.102)	m	m	m	m	m	m
<i>Wales</i>	0.417	(0.084)	m	m	-0.640	(0.500)	-1.057	(0.507)

* PISA adjudicated region.

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3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.14 for national data.

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Privately managed schools are classified as independent when at least 50% of the funding comes from private sources; they are classified as government-dependent when at least 50% of the funding comes from the government (including departments, local, regional, state and national). The classification is based on the school principal's report.


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Table II.B2.19 [6/6] **Variation in Principals' views on material shortage, by school characteristics**
Results based on school principals' reports

		Average index of principals' views on material shortage, by type of school							
		Public		Private government-dependent		Private independent		Private-Public ⁴	
		Mean Index	S.E.	Mean Index	S.E.	Mean Index	S.E.	Dif.	S.E.
Partners	Argentina								
	<i>CABA*</i>	0.499	(0.209)	-0.525	(0.203)	-1.069	(0.172)	-1.250	(0.253)
	<i>Cordoba*</i>	0.387	(0.131)	0.050	(0.323)	-0.628	(0.266)	-0.583	(0.254)
	<i>PBA*</i>	1.010	(0.164)	-0.406	(0.289)	-0.690	(0.562)	-1.491	(0.334)
	<i>Tucuman*</i>	0.359	(0.107)	-0.110	(0.408)	m	m	-0.470	(0.426)
Brazil									
	<i>North</i>	0.608	(0.187)	m	m	-1.324	(0.124)	-1.932	(0.217)
	<i>Northeast</i>	0.454	(0.116)	m	m	-0.933	(0.212)	-1.387	(0.247)
	<i>South</i>	0.342	(0.174)	m	m	-1.376	(0.041)	-1.718	(0.178)
	<i>Southeast</i>	-0.118	(0.087)	m	m	-0.965	(0.198)	-0.847	(0.221)
	<i>Middle-West</i>	0.259	(0.270)	m	m	-1.274	(0.171)	-1.533	(0.317)
Indonesia									
	<i>DI Yogyakarta</i>	0.492	(0.239)	0.971	(0.369)	-0.117	(0.241)	0.085	(0.359)
	<i>DKI Jakarta</i>	0.039	(0.236)	m	m	0.027	(0.303)	-0.012	(0.383)
Kazakhstan									
	<i>Akmola region</i>	0.278	(0.203)	m	m	m	m	m	m
	<i>Aktobe region</i>	0.690	(0.147)	m	m	m	m	m	m
	<i>Almaty</i>	-0.730	(0.191)	m	m	m	m	m	m
	<i>Almaty region</i>	0.194	(0.167)	m	m	m	m	m	m
	<i>Astana</i>	0.445	(0.236)	m	m	m	m	m	m
	<i>Atyrau region</i>	0.042	(0.170)	m	m	m	m	m	m
	<i>East-Kazakhstan region</i>	0.412	(0.214)	m	m	m	m	m	m
	<i>Karagandy region</i>	0.179	(0.206)	m	m	m	m	m	m
	<i>Kostanay region</i>	0.496	(0.206)	m	m	m	m	m	m
	<i>Kyzyl-Orda region</i>	0.254	(0.211)	m	m	m	m	m	m
	<i>Mangistau region</i>	-0.118	(0.265)	m	m	m	m	m	m
	<i>North-Kazakhstan region</i>	0.581	(0.159)	m	m	m	m	m	m
	<i>Pavlodar region</i>	-0.292	(0.134)	m	m	m	m	m	m
	<i>South-Kazakhstan region</i>	0.412	(0.243)	m	m	m	m	m	m
	<i>West-Kazakhstan region</i>	-0.047	(0.149)	m	m	m	m	m	m
	<i>Zhambyl region</i>	0.444	(0.190)	m	m	m	m	m	m
Russia									
	<i>Moscow region*</i>	-0.175	(0.113)	m	m	m	m	m	m
	<i>Republic of Tatarstan*</i>	0.442	(0.081)	m	m	m	m	m	m

* PISA adjudicated region.

1. In this chapter, all analyses are restricted to schools with the modal ISCED level for 15-year-old students. Results may thus differ from those estimated on the entire sample of 15-year-old students.

2. Coverage refers to the weighted share of students in the PISA sample who attend schools included in this analysis. It is equal to 100% if all schools in the PISA sample are included in the analysis.


3. The socio-economic profile is measured by the school's average PISA index of economic, social and cultural status (ESCS).

4. The calculation "Private-Public" is the difference between private government-dependent and independent schools combined, and public schools.

Notes: See Table II.B1.5.14 for national data.

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

Private schools refer to schools managed directly or indirectly by a non-governmental organisation, such as a church, trade union, business or other private institution. Privately managed schools are classified as independent when at least 50% of the funding comes from private sources; they are classified as government-dependent when at least 50% of the funding comes from the government (including departments, local, regional, state and national). The classification is based on the school principal's report.

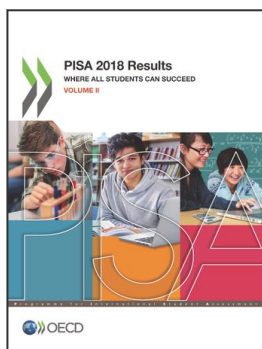
StatLink  <https://doi.org/10.1787/888934038780>

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