

ANNEX B2

Results for regions within countries

Table I.B2.9 [1/2] Mean score and variation in reading performance, by region

	Mean score		Standard deviation		Percentiles													
					5th		10th		25th		Median (50th)		75th		90th		95th	
	Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD																		
Belgium																		
<i>Flemish Community*</i>	502	(3.4)	104	(1.9)	323	(6.3)	359	(6.4)	429	(5.1)	506	(4.1)	579	(3.1)	633	(3.2)	664	(4.1)
<i>French Community</i>	481	(3.0)	100	(1.8)	310	(6.9)	345	(4.7)	412	(4.2)	487	(3.8)	553	(3.6)	608	(3.9)	636	(3.9)
<i>German-speaking Community</i>	483	(4.6)	91	(3.5)	324	(12.0)	360	(12.1)	423	(9.0)	485	(7.3)	548	(7.2)	602	(9.3)	628	(9.8)
Canada																		
<i>Alberta</i>	532	(4.3)	101	(2.3)	357	(8.9)	396	(7.6)	464	(5.7)	537	(4.6)	604	(4.8)	659	(5.2)	689	(6.6)
<i>British Columbia</i>	519	(4.5)	104	(2.1)	342	(8.2)	380	(6.7)	448	(6.1)	524	(5.7)	595	(4.8)	649	(4.3)	680	(5.9)
<i>Manitoba</i>	494	(3.4)	99	(1.6)	329	(6.4)	366	(5.1)	427	(4.5)	497	(4.0)	562	(4.9)	621	(5.7)	655	(6.1)
<i>New Brunswick</i>	489	(3.5)	103	(2.4)	316	(7.1)	352	(5.9)	419	(5.3)	490	(4.4)	564	(5.9)	621	(7.8)	656	(9.4)
<i>Newfoundland and Labrador</i>	512	(4.3)	99	(2.8)	344	(9.5)	383	(7.7)	442	(6.6)	514	(5.2)	581	(6.2)	638	(7.4)	671	(9.5)
<i>Nova Scotia</i>	516	(3.9)	102	(2.3)	343	(8.3)	383	(6.1)	447	(5.4)	519	(4.2)	586	(4.4)	645	(7.8)	679	(7.5)
<i>Ontario</i>	524	(3.5)	101	(1.6)	352	(5.6)	390	(5.0)	455	(4.7)	528	(4.2)	596	(4.0)	650	(4.3)	681	(5.4)
<i>Prince Edward Island</i>	503	(8.3)	103	(5.6)	325	(26.6)	364	(18.4)	435	(13.2)	509	(8.1)	574	(11.0)	635	(10.9)	662	(12.9)
<i>Québec</i>	519	(3.5)	94	(1.8)	358	(5.8)	396	(4.8)	457	(4.2)	523	(4.0)	586	(4.3)	637	(4.4)	666	(4.5)
<i>Saskatchewan</i>	499	(3.0)	95	(2.2)	338	(6.9)	376	(6.2)	436	(4.3)	501	(3.8)	565	(4.0)	621	(4.7)	651	(7.0)
Colombia																		
<i>Bogotá</i>	455	(5.4)	90	(2.9)	310	(7.5)	339	(7.2)	392	(6.0)	451	(6.0)	518	(7.1)	575	(7.9)	606	(8.3)
Italy																		
<i>Bolzano</i>	495	(3.3)	89	(2.0)	344	(7.6)	377	(6.2)	435	(4.2)	500	(4.2)	560	(4.7)	607	(5.9)	633	(7.6)
<i>Sardegna</i>	462	(4.1)	92	(2.1)	310	(6.4)	340	(6.0)	397	(6.0)	464	(4.8)	527	(4.6)	580	(5.1)	612	(6.6)
<i>Toscana</i>	482	(4.0)	94	(2.4)	315	(9.9)	355	(8.3)	420	(5.6)	490	(5.3)	550	(4.3)	597	(4.2)	625	(5.9)
<i>Trento</i>	496	(2.3)	93	(2.0)	340	(6.1)	371	(5.0)	430	(3.9)	499	(3.7)	564	(5.3)	615	(4.9)	643	(6.7)
Spain																		
<i>Andalusia</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Aragon</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Asturias</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Balearic Islands</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Basque Country</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Canary Islands</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Cantabria</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Castile and León</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Castile-La Mancha</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Catalonia</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Ceuta</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Comunidad Valenciana</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Extremadura</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Galicia</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>La Rioja</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Madrid</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Melilla</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Murcia</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
<i>Navarre</i>	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
United Kingdom																		
<i>England</i>	505	(3.0)	101	(1.5)	334	(5.1)	372	(5.2)	436	(3.9)	508	(3.2)	577	(3.5)	634	(4.1)	666	(4.5)
<i>Northern Ireland</i>	501	(4.0)	98	(2.2)	332	(7.0)	368	(5.8)	434	(5.3)	506	(5.0)	571	(5.2)	623	(5.6)	655	(6.0)
<i>Scotland*</i>	504	(3.0)	95	(1.9)	349	(5.5)	383	(3.6)	439	(3.5)	503	(3.7)	571	(4.2)	627	(4.7)	657	(5.9)
<i>Wales</i>	483	(4.0)	97	(1.6)	322	(5.7)	359	(5.8)	417	(4.8)	484	(4.3)	552	(4.2)	608	(4.5)	640	(6.1)

* PISA adjudicated region.

Note: See Table I.B1.4 for national data.


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Table I.B2.9 [2/2] Mean score and variation in reading performance, by region

	Mean score		Standard deviation		Percentiles													
					5th		10th		25th		Median (50th)		75th		90th		95th	
	Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.		
Partners																		
Argentina																		
<i>CABA*</i>	454	(5.4)	93	(2.3)	294	(8.1)	328	(8.0)	390	(7.3)	459	(6.4)	522	(5.6)	572	(5.2)	598	(6.3)
<i>Córdoba*</i>	427	(4.5)	91	(2.5)	274	(5.8)	305	(5.5)	362	(5.6)	431	(5.3)	493	(5.5)	543	(6.4)	571	(6.9)
<i>PBA*</i>	413	(5.8)	97	(2.3)	251	(7.3)	286	(7.0)	346	(6.1)	414	(7.1)	482	(7.0)	539	(6.9)	571	(7.2)
<i>Tucumán*</i>	389	(5.0)	96	(2.5)	237	(6.8)	267	(5.5)	319	(5.1)	387	(6.6)	457	(7.3)	516	(6.5)	548	(7.0)
Brazil																		
<i>North</i>	392	(6.9)	91	(2.6)	254	(7.6)	280	(8.6)	328	(7.1)	383	(8.7)	451	(9.6)	514	(11.8)	558	(10.9)
<i>Northeast</i>	389	(4.2)	99	(3.1)	243	(4.9)	269	(4.8)	316	(4.3)	378	(5.2)	456	(5.8)	525	(7.4)	566	(8.7)
<i>South</i>	432	(6.3)	97	(3.0)	278	(8.3)	308	(7.5)	362	(6.9)	430	(7.5)	500	(9.3)	562	(8.6)	596	(8.9)
<i>Southeast</i>	424	(3.0)	98	(1.6)	264	(3.8)	296	(3.3)	353	(3.3)	421	(3.6)	494	(4.2)	555	(4.9)	588	(5.9)
<i>Middle-West</i>	425	(9.1)	103	(6.1)	269	(10.8)	294	(10.0)	348	(10.1)	418	(11.0)	493	(12.1)	565	(14.9)	608	(22.2)
Indonesia																		
<i>DI Yogyakarta</i>	414	(5.8)	83	(3.2)	283	(6.0)	309	(5.8)	352	(5.3)	411	(7.1)	472	(8.6)	527	(10.4)	557	(11.2)
<i>DKI Jakarta</i>	412	(7.0)	83	(4.9)	288	(6.3)	310	(4.6)	352	(5.6)	404	(6.5)	468	(11.0)	528	(15.6)	562	(18.6)
Kazakhstan																		
<i>Akmola region</i>	395	(4.5)	78	(2.0)	271	(6.0)	294	(6.1)	339	(6.0)	394	(5.6)	449	(6.6)	498	(6.2)	528	(7.7)
<i>Aktobe region</i>	381	(4.3)	69	(2.2)	278	(6.9)	298	(5.4)	332	(4.7)	376	(5.1)	422	(5.4)	470	(6.0)	503	(9.7)
<i>Almaty</i>	424	(7.8)	86	(4.5)	296	(6.8)	320	(7.0)	363	(7.8)	416	(8.1)	479	(10.3)	542	(16.1)	579	(16.1)
<i>Almaty region</i>	360	(4.4)	67	(2.2)	254	(5.6)	273	(5.6)	312	(5.4)	359	(5.4)	402	(5.7)	449	(7.7)	479	(9.3)
<i>Astana</i>	428	(7.4)	81	(3.3)	302	(8.2)	327	(8.7)	371	(7.4)	422	(8.6)	480	(10.1)	538	(10.3)	570	(12.4)
<i>Atyrau region</i>	344	(4.4)	68	(2.8)	241	(5.3)	261	(5.2)	295	(5.6)	340	(5.4)	385	(5.1)	430	(6.2)	461	(8.5)
<i>East-Kazakhstan region</i>	405	(6.4)	78	(3.7)	285	(11.2)	306	(10.3)	351	(8.4)	401	(6.0)	456	(8.3)	509	(9.3)	539	(11.4)
<i>Karagandy region</i>	422	(6.8)	84	(3.2)	298	(8.7)	321	(6.2)	363	(6.2)	415	(7.8)	477	(10.2)	538	(12.1)	573	(11.1)
<i>Kostanay region</i>	417	(5.1)	77	(2.2)	296	(8.8)	317	(7.8)	363	(6.6)	415	(6.3)	469	(6.1)	521	(5.6)	549	(5.5)
<i>Kyzyl-Orda region</i>	366	(2.8)	59	(2.1)	277	(4.7)	295	(4.7)	326	(4.1)	363	(3.9)	402	(3.6)	442	(5.0)	468	(5.8)
<i>Mangistau region</i>	361	(5.8)	70	(3.2)	259	(9.1)	280	(6.8)	313	(5.7)	353	(6.2)	399	(7.2)	455	(11.9)	492	(12.6)
<i>North-Kazakhstan region</i>	413	(5.0)	78	(2.2)	289	(7.0)	313	(5.5)	359	(5.7)	411	(5.7)	464	(7.1)	512	(6.5)	545	(9.6)
<i>Pavlodar region</i>	391	(6.5)	82	(2.4)	265	(9.0)	288	(7.8)	331	(7.5)	386	(7.8)	446	(7.6)	501	(8.3)	533	(9.3)
<i>South-Kazakhstan region</i>	368	(3.5)	64	(2.3)	266	(6.2)	288	(5.9)	326	(5.2)	367	(4.2)	408	(4.1)	447	(5.8)	472	(6.8)
<i>West-Kazakhstan region</i>	378	(4.9)	71	(2.3)	269	(6.6)	291	(5.3)	328	(5.4)	373	(5.8)	423	(6.2)	474	(8.0)	506	(9.5)
<i>Zhambyl region</i>	369	(3.6)	63	(2.2)	277	(5.5)	295	(4.3)	325	(3.3)	363	(4.0)	406	(4.8)	451	(7.0)	483	(8.8)
Russia																		
<i>Moscow region*</i>	486	(4.7)	92	(2.1)	327	(8.4)	364	(7.9)	424	(6.2)	488	(5.3)	552	(4.4)	604	(4.6)	632	(4.8)
<i>Republic of Tatarstan*</i>	463	(3.1)	91	(1.6)	313	(4.8)	345	(3.8)	399	(3.6)	462	(3.5)	526	(3.5)	581	(4.4)	613	(5.2)

* PISA adjudicated region.

Note: See Table I.B1.4 for national data.


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Table I.B2.10 [1/2] Mean score and variation in mathematics performance, by region

OECD		Mean score		Standard deviation		Percentiles													
						5th		10th		25th		Median (50th)		75th		90th		95th	
		Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
	Belgium																		
	<i>Flemish Community*</i>	518	(3.3)	96	(2.3)	350	(6.3)	384	(6.0)	450	(5.5)	525	(3.6)	589	(3.0)	638	(3.6)	665	(3.9)
	<i>French Community</i>	495	(2.8)	93	(2.0)	338	(5.4)	368	(4.5)	427	(4.0)	500	(3.6)	564	(3.6)	614	(4.6)	639	(5.2)
	<i>German-speaking Community</i>	505	(5.2)	79	(3.9)	363	(12.7)	396	(11.8)	452	(7.5)	510	(7.0)	564	(7.3)	604	(9.3)	626	(13.0)
	Canada																		
	<i>Alberta</i>	511	(5.1)	91	(2.9)	356	(9.1)	392	(8.3)	450	(7.0)	513	(5.6)	575	(5.7)	626	(5.9)	655	(7.4)
	<i>British Columbia</i>	504	(5.2)	94	(2.6)	350	(7.9)	382	(6.8)	441	(6.0)	505	(5.6)	569	(5.7)	624	(6.9)	657	(7.8)
	<i>Manitoba</i>	482	(3.7)	88	(1.9)	337	(7.1)	368	(5.3)	421	(4.5)	483	(4.5)	542	(4.2)	594	(5.9)	624	(6.1)
	<i>New Brunswick</i>	491	(5.7)	92	(2.6)	338	(8.3)	373	(7.2)	428	(6.4)	492	(6.4)	555	(7.2)	609	(9.2)	638	(10.8)
	<i>Newfoundland and Labrador</i>	488	(6.5)	85	(2.4)	351	(10.4)	382	(8.7)	431	(5.9)	487	(6.5)	546	(8.4)	599	(10.6)	629	(11.4)
	<i>Nova Scotia</i>	494	(6.3)	88	(2.2)	349	(8.3)	380	(8.3)	433	(6.7)	494	(6.3)	555	(6.7)	608	(8.9)	640	(11.2)
	<i>Ontario</i>	513	(4.4)	91	(2.0)	361	(5.9)	394	(5.2)	450	(4.7)	513	(5.2)	577	(5.5)	629	(5.2)	660	(6.7)
	<i>Prince Edward Island</i>	487	(11.1)	91	(4.4)	332	(23.0)	369	(16.4)	423	(11.6)	491	(11.7)	551	(14.2)	601	(15.2)	630	(18.1)
	<i>Québec</i>	532	(3.6)	93	(2.2)	374	(6.8)	411	(6.2)	472	(4.8)	536	(4.0)	596	(4.1)	648	(4.2)	679	(5.2)
	<i>Saskatchewan</i>	485	(5.0)	82	(2.2)	348	(6.5)	378	(5.4)	430	(5.8)	487	(5.8)	543	(5.4)	589	(5.7)	618	(6.9)
	Colombia																		
	<i>Bogotá</i>	430	(5.0)	81	(2.8)	301	(5.7)	326	(5.2)	372	(5.2)	428	(5.2)	484	(7.3)	536	(8.0)	567	(9.8)
	Italy																		
	<i>Bolzano</i>	521	(3.4)	84	(2.1)	378	(7.5)	410	(5.7)	465	(5.0)	525	(4.5)	582	(4.8)	626	(5.6)	652	(6.2)
	<i>Sardegna</i>	467	(4.0)	84	(2.3)	331	(7.5)	358	(6.2)	409	(5.1)	468	(4.7)	526	(5.1)	576	(4.9)	602	(5.4)
	<i>Toscana</i>	496	(4.3)	85	(2.1)	350	(6.4)	382	(6.1)	437	(5.3)	501	(5.7)	556	(5.5)	602	(5.7)	629	(5.6)
	<i>Trento</i>	518	(2.8)	85	(2.1)	374	(9.2)	406	(5.6)	461	(4.6)	520	(4.2)	578	(3.9)	627	(5.3)	653	(5.8)
	Spain																		
	<i>Andalusia</i>	467	(4.2)	88	(2.1)	318	(6.4)	353	(6.4)	408	(4.7)	470	(5.0)	529	(5.9)	580	(7.3)	609	(6.0)
	<i>Aragon</i>	497	(5.9)	89	(2.1)	343	(9.9)	377	(7.0)	437	(6.7)	501	(6.4)	560	(5.8)	607	(7.3)	634	(8.4)
	<i>Asturias</i>	491	(5.0)	88	(2.1)	340	(9.2)	375	(7.2)	431	(5.3)	494	(4.8)	554	(6.0)	602	(6.0)	629	(6.5)
	<i>Balearic Islands</i>	483	(5.2)	84	(1.9)	340	(8.7)	371	(7.2)	426	(6.2)	487	(5.6)	541	(5.3)	587	(5.6)	614	(6.1)
	<i>Basque Country</i>	499	(3.5)	85	(1.6)	350	(5.5)	385	(5.1)	443	(4.7)	505	(3.9)	560	(3.8)	604	(3.9)	630	(4.7)
	<i>Canary Islands</i>	460	(4.5)	85	(2.1)	321	(6.5)	349	(7.1)	400	(5.7)	461	(4.9)	520	(5.6)	571	(7.3)	600	(5.8)
	<i>Cantabria</i>	499	(7.6)	85	(2.5)	354	(10.1)	387	(8.6)	444	(8.7)	503	(7.5)	558	(7.9)	605	(8.4)	631	(9.4)
	<i>Castile and León</i>	502	(4.7)	88	(2.1)	349	(10.4)	385	(8.3)	445	(6.4)	508	(5.2)	566	(4.7)	612	(5.3)	637	(6.7)
	<i>Castile-La Mancha</i>	479	(5.1)	88	(1.6)	332	(7.3)	362	(6.8)	416	(6.0)	482	(5.9)	544	(5.9)	591	(5.3)	617	(6.1)
	<i>Catalonia</i>	490	(3.9)	88	(2.4)	340	(8.4)	374	(5.9)	430	(5.0)	492	(4.6)	552	(5.4)	601	(6.3)	630	(7.9)
	<i>Ceuta</i>	411	(12.2)	84	(3.7)	282	(16.5)	308	(14.7)	352	(16.5)	407	(12.9)	467	(13.4)	525	(12.4)	557	(17.9)
	<i>Comunidad Valenciana</i>	473	(4.6)	84	(1.8)	333	(6.1)	365	(6.3)	417	(4.5)	475	(5.4)	532	(5.4)	581	(5.7)	608	(7.5)
	<i>Extremadura</i>	470	(6.6)	86	(2.1)	323	(10.0)	357	(7.4)	412	(7.1)	472	(7.5)	530	(6.6)	578	(8.3)	605	(8.3)
	<i>Galicia</i>	498	(4.3)	87	(2.3)	344	(10.3)	381	(7.1)	442	(5.3)	504	(4.5)	560	(4.3)	606	(6.2)	631	(6.7)
	<i>La Rioja</i>	497	(9.8)	92	(3.5)	338	(10.1)	374	(10.7)	437	(8.6)	502	(11.0)	562	(11.7)	613	(11.9)	643	(14.0)
	<i>Madrid</i>	486	(3.2)	89	(1.5)	334	(6.2)	367	(5.0)	425	(4.1)	490	(3.5)	549	(3.6)	598	(3.8)	626	(3.9)
	<i>Melilla</i>	432	(10.4)	85	(4.4)	299	(17.4)	323	(13.3)	371	(11.7)	428	(12.1)	492	(15.2)	548	(12.9)	572	(17.5)
	<i>Murcia</i>	474	(5.7)	92	(2.2)	319	(8.8)	353	(7.7)	410	(7.2)	477	(6.0)	539	(7.0)	592	(7.2)	618	(7.7)
	<i>Navarre</i>	503	(8.4)	87	(2.5)	355	(9.0)	387	(8.4)	444	(9.5)	506	(9.0)	564	(9.0)	612	(9.6)	640	(10.6)
	United Kingdom																		
	<i>England</i>	504	(3.0)	93	(1.7)	347	(5.1)	383	(4.9)	441	(3.4)	506	(3.2)	569	(3.6)	623	(3.7)	654	(4.5)
	<i>Northern Ireland</i>	492	(4.2)	85	(2.5)	343	(7.8)	377	(6.4)	434	(5.5)	496	(4.4)	553	(5.6)	600	(5.3)	626	(6.8)
	<i>Scotland*</i>	489	(3.9)	95	(2.9)	331	(9.0)	367	(6.0)	425	(4.9)	490	(4.3)	556	(4.7)	610	(5.7)	642	(6.7)
	<i>Wales</i>	487	(3.9)	82	(1.5)	350	(5.5)	381	(5.4)	431	(4.2)	488	(4.4)	545	(4.3)	592	(4.4)	619	(5.5)

* PISA adjudicated region.

Note: See Table I.B1.5 for national data.


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Table I.B2.10 ^[2/2] Mean score and variation in mathematics performance, by region

	Mean score		Standard deviation		Percentiles													
					5th		10th		25th		Median (50th)		75th		90th		95th	
	Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Partners																		
Argentina																		
<i>CABA*</i>	434	(4.7)	80	(2.4)	300	(7.7)	331	(6.7)	380	(6.1)	435	(5.7)	490	(4.9)	537	(5.4)	565	(6.4)
<i>Córdoba*</i>	400	(4.5)	80	(2.8)	269	(6.7)	296	(5.7)	345	(5.3)	400	(4.8)	456	(5.6)	504	(6.8)	532	(8.7)
<i>PBA*</i>	387	(5.1)	84	(2.3)	254	(6.7)	282	(5.7)	330	(6.0)	384	(5.7)	443	(7.2)	498	(6.8)	529	(6.9)
<i>Tucumán*</i>	364	(5.1)	81	(2.7)	237	(5.6)	262	(5.7)	308	(5.0)	362	(5.9)	418	(6.8)	472	(7.8)	502	(10.3)
Brazil																		
<i>North</i>	366	(7.1)	83	(4.5)	240	(10.1)	266	(9.1)	309	(7.0)	359	(7.3)	415	(10.0)	478	(12.3)	519	(21.4)
<i>Northeast</i>	363	(3.7)	86	(3.5)	236	(4.7)	261	(4.2)	303	(4.2)	356	(4.1)	417	(5.1)	478	(7.1)	515	(11.3)
<i>South</i>	401	(5.3)	87	(3.0)	266	(8.4)	293	(7.0)	338	(6.4)	396	(7.1)	460	(7.8)	520	(8.1)	554	(8.4)
<i>Southeast</i>	392	(3.1)	86	(2.2)	260	(3.6)	286	(3.4)	332	(3.9)	387	(3.3)	448	(4.2)	506	(5.7)	542	(7.0)
<i>Middle-West</i>	396	(8.4)	92	(7.0)	258	(10.8)	284	(9.3)	332	(8.2)	389	(8.9)	451	(10.9)	517	(16.4)	562	(26.5)
Indonesia																		
<i>DI Yogyakarta</i>	430	(6.5)	86	(3.6)	293	(6.7)	322	(6.0)	370	(6.6)	426	(7.4)	488	(9.0)	545	(10.6)	575	(12.7)
<i>DKI Jakarta</i>	421	(7.7)	87	(5.2)	290	(5.7)	315	(4.5)	359	(4.7)	415	(8.9)	478	(11.5)	536	(15.7)	574	(20.0)
Kazakhstan																		
<i>Akmola region</i>	411	(6.5)	87	(3.1)	271	(9.7)	301	(8.3)	352	(8.3)	411	(7.1)	470	(7.8)	522	(8.8)	556	(10.8)
<i>Aktobe region</i>	420	(6.2)	80	(3.2)	286	(12.4)	319	(8.4)	366	(8.0)	421	(6.6)	474	(7.1)	522	(7.3)	550	(6.8)
<i>Almaty</i>	448	(7.3)	90	(3.4)	302	(10.8)	334	(9.0)	386	(8.0)	447	(8.6)	508	(9.0)	567	(11.0)	603	(12.4)
<i>Almaty region</i>	399	(5.2)	80	(2.4)	268	(8.3)	297	(6.9)	345	(5.9)	399	(5.7)	453	(6.7)	502	(7.2)	530	(9.5)
<i>Astana</i>	450	(7.7)	89	(3.5)	309	(10.7)	339	(9.5)	390	(9.0)	447	(8.5)	509	(9.4)	568	(10.1)	602	(10.8)
<i>Atyrau region</i>	382	(7.1)	80	(3.0)	251	(11.5)	281	(9.3)	330	(7.7)	382	(7.8)	434	(7.9)	481	(9.4)	513	(9.2)
<i>East-Kazakhstan region</i>	437	(7.3)	88	(4.2)	293	(14.1)	327	(11.0)	379	(8.9)	438	(7.4)	495	(8.5)	549	(10.8)	580	(11.4)
<i>Karagandy region</i>	446	(7.4)	90	(4.3)	307	(8.2)	335	(7.3)	384	(7.1)	442	(7.9)	503	(8.6)	562	(13.3)	602	(16.5)
<i>Kostanay region</i>	448	(6.6)	86	(4.1)	303	(14.2)	338	(11.3)	391	(9.3)	450	(7.7)	506	(6.5)	557	(7.0)	585	(7.6)
<i>Kyzyl-Orda region</i>	419	(8.3)	81	(3.8)	284	(13.5)	316	(11.6)	366	(9.8)	421	(9.3)	474	(8.4)	520	(10.8)	550	(11.7)
<i>Mangistau region</i>	391	(9.1)	84	(3.6)	255	(12.1)	285	(9.5)	335	(10.0)	388	(9.3)	445	(10.7)	501	(14.6)	535	(13.1)
<i>North-Kazakhstan region</i>	433	(5.4)	83	(2.6)	298	(9.6)	328	(7.3)	378	(5.6)	431	(5.9)	488	(7.5)	540	(8.2)	571	(10.5)
<i>Pavlodar region</i>	438	(5.9)	82	(3.3)	304	(8.9)	332	(9.3)	381	(7.1)	438	(7.1)	493	(7.9)	543	(7.3)	573	(8.8)
<i>South-Kazakhstan region</i>	401	(5.6)	83	(2.8)	267	(10.6)	297	(7.5)	348	(6.6)	401	(5.9)	454	(6.1)	506	(8.4)	539	(10.6)
<i>West-Kazakhstan region</i>	418	(6.5)	82	(2.4)	283	(11.1)	313	(8.3)	362	(8.6)	418	(7.3)	474	(7.4)	524	(8.5)	554	(8.9)
<i>Zhambyl region</i>	456	(6.0)	74	(2.8)	331	(9.9)	360	(8.7)	406	(6.2)	456	(6.5)	507	(6.5)	550	(7.7)	576	(8.1)
Russia																		
<i>Moscow region*</i>	495	(4.2)	81	(2.0)	360	(7.1)	388	(7.2)	439	(5.4)	496	(4.9)	552	(4.1)	598	(4.6)	625	(6.1)
<i>Republic of Tatarstan*</i>	475	(3.1)	84	(1.8)	337	(4.3)	367	(3.8)	417	(3.4)	475	(3.4)	533	(3.5)	584	(4.5)	614	(5.6)

* PISA adjudicated region.

Note: See Table I.B1.5 for national data.


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Table I.B2.11 [1/2] Mean score and variation in science performance, by region

	Mean score		Standard deviation		Percentiles													
					5th		10th		25th		Median (50th)		75th		90th		95th	
	Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
OECD																		
Belgium																		
<i>Flemish Community*</i>	510	(3.3)	100	(2.1)	334	(6.6)	370	(5.9)	439	(5.3)	518	(4.3)	584	(3.4)	635	(3.4)	663	(3.9)
<i>French Community</i>	485	(2.8)	95	(1.7)	322	(5.5)	354	(5.7)	418	(4.2)	491	(3.6)	554	(3.1)	605	(3.9)	633	(4.0)
<i>German-speaking Community</i>	483	(7.4)	86	(3.2)	335	(11.4)	363	(12.2)	425	(10.1)	487	(8.8)	544	(9.2)	596	(11.9)	621	(9.9)
Canada																		
<i>Alberta</i>	534	(4.4)	96	(2.4)	369	(7.6)	404	(6.3)	468	(5.8)	538	(4.8)	602	(5.0)	654	(6.3)	684	(7.6)
<i>British Columbia</i>	517	(5.4)	101	(2.6)	346	(9.1)	383	(7.5)	446	(5.7)	519	(6.2)	589	(6.6)	647	(6.9)	679	(7.4)
<i>Manitoba</i>	489	(3.7)	95	(1.7)	337	(7.2)	366	(5.6)	423	(5.1)	489	(4.4)	556	(4.8)	612	(4.0)	645	(6.4)
<i>New Brunswick</i>	492	(5.7)	96	(2.8)	336	(9.8)	369	(8.5)	427	(7.0)	493	(6.8)	559	(6.4)	617	(7.6)	650	(10.3)
<i>Newfoundland and Labrador</i>	506	(6.4)	94	(2.7)	354	(11.2)	387	(9.4)	442	(7.2)	505	(7.4)	569	(6.5)	628	(9.6)	663	(10.5)
<i>Nova Scotia</i>	508	(4.7)	94	(2.1)	349	(7.9)	383	(7.2)	444	(6.3)	510	(4.8)	574	(5.1)	629	(6.6)	662	(8.3)
<i>Ontario</i>	519	(4.0)	95	(1.7)	361	(5.8)	395	(4.9)	453	(5.2)	519	(5.1)	587	(4.9)	641	(5.0)	672	(5.5)
<i>Prince Edward Island</i>	502	(8.9)	97	(4.4)	335	(16.5)	369	(16.6)	436	(12.2)	508	(10.7)	571	(10.5)	625	(16.5)	654	(15.7)
<i>Québec</i>	522	(3.7)	91	(1.9)	365	(7.2)	401	(6.0)	461	(4.5)	526	(4.1)	585	(4.3)	635	(4.0)	663	(5.4)
<i>Saskatchewan</i>	501	(3.9)	91	(2.2)	346	(7.7)	382	(6.4)	440	(5.3)	502	(4.3)	564	(4.2)	617	(6.0)	647	(6.9)
Colombia																		
<i>Bogotá</i>	451	(4.9)	84	(2.6)	316	(6.4)	343	(5.9)	391	(5.9)	449	(6.0)	509	(6.4)	560	(7.0)	590	(7.4)
Italy																		
<i>Bolzano</i>	498	(4.2)	84	(1.9)	354	(7.0)	385	(5.8)	440	(5.5)	502	(5.0)	559	(5.0)	605	(6.1)	630	(6.0)
<i>Sardegna</i>	452	(3.9)	83	(1.9)	318	(6.9)	345	(5.4)	393	(4.9)	451	(4.9)	509	(4.8)	560	(5.3)	589	(6.2)
<i>Toscana</i>	475	(4.2)	85	(2.4)	327	(8.3)	359	(7.2)	418	(5.9)	479	(5.5)	536	(4.9)	582	(5.0)	608	(5.5)
<i>Trento</i>	495	(2.1)	84	(1.7)	353	(6.1)	383	(5.0)	437	(2.9)	497	(3.8)	554	(3.7)	605	(4.6)	633	(6.0)
Spain																		
<i>Andalusia</i>	471	(4.4)	90	(2.3)	324	(6.8)	353	(5.1)	406	(5.8)	471	(5.6)	535	(5.8)	589	(5.6)	619	(7.2)
<i>Aragon</i>	493	(5.3)	89	(1.8)	340	(8.7)	373	(6.8)	433	(5.8)	498	(5.8)	557	(5.3)	606	(5.8)	635	(7.4)
<i>Asturias</i>	496	(4.8)	89	(2.2)	348	(7.3)	379	(6.9)	433	(5.4)	500	(5.1)	561	(5.6)	609	(6.2)	636	(8.3)
<i>Balearic Islands</i>	482	(5.2)	84	(1.7)	339	(8.0)	371	(7.5)	425	(5.8)	483	(5.7)	542	(5.7)	591	(6.7)	618	(7.0)
<i>Basque Country</i>	487	(4.2)	85	(1.5)	344	(5.4)	374	(5.2)	429	(5.0)	490	(4.4)	547	(4.6)	595	(5.1)	624	(6.1)
<i>Canary Islands</i>	470	(4.5)	87	(1.7)	326	(8.3)	357	(5.7)	410	(5.3)	470	(4.9)	530	(5.0)	582	(5.8)	612	(6.0)
<i>Cantabria</i>	495	(9.2)	86	(2.3)	351	(10.3)	381	(9.4)	436	(9.4)	498	(9.9)	556	(10.4)	606	(10.2)	633	(11.1)
<i>Castile and León</i>	501	(5.0)	88	(1.9)	348	(8.0)	383	(7.5)	443	(6.9)	506	(5.5)	563	(5.0)	611	(5.8)	639	(5.6)
<i>Castile-La Mancha</i>	484	(6.1)	88	(1.7)	339	(8.0)	369	(7.4)	422	(7.0)	485	(6.5)	549	(6.1)	598	(6.9)	625	(8.1)
<i>Catalonia</i>	489	(4.7)	91	(2.3)	337	(7.8)	368	(8.0)	427	(5.7)	492	(5.5)	554	(5.2)	604	(5.6)	632	(6.0)
<i>Ceuta</i>	415	(6.6)	83	(3.7)	290	(11.0)	314	(10.4)	354	(10.0)	410	(8.7)	470	(10.2)	528	(12.5)	563	(12.2)
<i>Comunidad Valenciana</i>	478	(4.4)	86	(1.9)	336	(7.6)	367	(6.5)	418	(4.5)	479	(5.2)	538	(5.4)	588	(6.0)	615	(6.5)
<i>Extremadura</i>	473	(5.9)	87	(1.7)	331	(9.1)	362	(7.5)	414	(7.1)	473	(6.0)	534	(6.3)	587	(5.8)	617	(6.6)
<i>Galicia</i>	510	(4.0)	89	(2.3)	357	(9.3)	392	(6.5)	452	(4.9)	515	(4.2)	574	(5.0)	622	(6.2)	650	(7.5)
<i>La Rioja</i>	487	(7.9)	90	(2.0)	335	(8.0)	367	(8.1)	425	(7.7)	489	(8.2)	550	(8.7)	600	(8.6)	629	(9.0)
<i>Madrid</i>	487	(3.0)	89	(1.6)	338	(4.5)	369	(4.7)	425	(4.4)	489	(3.4)	550	(3.3)	600	(3.4)	628	(3.6)
<i>Melilla</i>	439	(7.6)	86	(4.5)	301	(18.5)	332	(14.0)	378	(9.2)	435	(9.1)	499	(12.9)	555	(12.4)	584	(20.5)
<i>Murcia</i>	479	(5.7)	93	(2.3)	324	(8.1)	355	(8.0)	413	(6.9)	482	(6.2)	547	(5.9)	598	(7.1)	627	(7.3)
<i>Navarre</i>	492	(6.0)	87	(2.4)	347	(8.0)	377	(7.3)	432	(6.5)	494	(6.7)	554	(6.3)	603	(7.2)	632	(8.9)
United Kingdom																		
<i>England</i>	507	(3.0)	100	(1.6)	340	(5.6)	375	(4.6)	439	(3.8)	509	(3.2)	578	(3.6)	635	(3.8)	667	(4.3)
<i>Northern Ireland</i>	491	(4.6)	92	(2.1)	337	(6.8)	370	(5.7)	428	(5.5)	494	(5.4)	558	(5.9)	609	(6.2)	637	(7.4)
<i>Scotland*</i>	490	(4.0)	98	(2.9)	332	(7.5)	366	(5.7)	422	(4.8)	490	(5.0)	558	(4.7)	617	(5.9)	650	(5.8)
<i>Wales</i>	488	(3.8)	89	(1.5)	340	(5.5)	371	(5.3)	426	(4.4)	490	(4.5)	552	(4.3)	603	(4.6)	632	(5.3)

* PISA adjudicated region.

Note: See Table I.B1.6 for national data.



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Table I.B2.11 [2/2] Mean score and variation in science performance, by region

	Mean score		Standard deviation		Percentiles													
					5th		10th		25th		Median (50th)		75th		90th		95th	
	Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.
Partners																		
Argentina																		
<i>CABA*</i>	455	(5.4)	88	(2.1)	308	(6.7)	339	(6.7)	393	(6.8)	456	(6.3)	517	(6.3)	569	(5.4)	598	(6.7)
<i>Córdoba*</i>	427	(4.6)	86	(2.5)	286	(6.6)	316	(5.8)	366	(5.0)	426	(5.1)	488	(6.3)	542	(6.5)	569	(8.4)
<i>PBA*</i>	413	(5.5)	89	(2.4)	273	(7.3)	302	(6.5)	350	(6.5)	410	(6.7)	476	(7.1)	531	(6.9)	562	(7.1)
<i>Tucumán*</i>	391	(5.1)	87	(2.5)	256	(6.2)	283	(6.0)	329	(4.8)	385	(5.8)	449	(7.4)	507	(7.6)	541	(8.4)
Brazil																		
<i>North</i>	384	(6.0)	81	(2.8)	263	(8.0)	285	(7.8)	327	(6.6)	378	(7.4)	435	(7.5)	494	(10.2)	530	(9.9)
<i>Northeast</i>	383	(3.7)	88	(3.1)	254	(5.3)	278	(4.9)	319	(3.5)	372	(4.0)	440	(5.6)	504	(6.5)	542	(9.9)
<i>South</i>	419	(5.9)	90	(3.2)	282	(9.0)	308	(5.8)	354	(6.9)	414	(6.9)	480	(8.6)	542	(8.4)	574	(8.3)
<i>Southeast</i>	414	(3.0)	89	(1.8)	276	(3.7)	301	(3.4)	348	(2.9)	408	(3.6)	475	(4.7)	534	(5.4)	569	(6.8)
<i>Middle-West</i>	415	(8.1)	95	(6.5)	278	(10.6)	302	(9.3)	346	(9.3)	406	(9.0)	473	(9.7)	547	(17.3)	593	(27.3)
Indonesia																		
<i>DI Yogyakarta</i>	439	(5.2)	74	(2.9)	322	(4.7)	346	(3.9)	386	(5.5)	437	(6.1)	491	(6.9)	537	(9.2)	564	(9.6)
<i>DKI Jakarta</i>	428	(6.4)	76	(4.5)	314	(5.7)	335	(4.9)	373	(5.1)	422	(6.6)	477	(9.0)	530	(14.3)	563	(17.3)
Kazakhstan																		
<i>Akmola region</i>	401	(5.0)	77	(2.8)	278	(9.0)	304	(7.1)	348	(6.1)	399	(5.8)	453	(6.8)	501	(6.3)	529	(8.0)
<i>Aktobe region</i>	389	(5.1)	68	(2.5)	286	(8.6)	308	(6.3)	344	(4.9)	384	(4.9)	428	(5.5)	474	(8.8)	509	(10.2)
<i>Almaty</i>	431	(8.4)	84	(4.5)	303	(8.6)	327	(9.1)	370	(7.8)	423	(9.9)	485	(12.1)	547	(15.7)	583	(14.8)
<i>Almaty region</i>	380	(4.6)	66	(2.7)	276	(8.6)	298	(6.5)	336	(5.3)	378	(5.0)	423	(5.1)	465	(8.2)	494	(9.1)
<i>Astana</i>	428	(7.6)	83	(4.4)	301	(11.3)	326	(8.7)	369	(8.3)	423	(8.6)	482	(10.1)	537	(10.9)	570	(12.0)
<i>Atyrau region</i>	361	(5.4)	64	(3.0)	263	(9.4)	282	(8.4)	319	(6.9)	358	(5.6)	399	(5.9)	440	(7.1)	469	(9.8)
<i>East-Kazakhstan region</i>	413	(5.6)	75	(3.4)	297	(9.2)	320	(7.8)	361	(6.3)	408	(6.6)	463	(8.3)	516	(8.4)	543	(7.7)
<i>Karagandy region</i>	428	(7.3)	83	(4.2)	304	(6.8)	328	(6.1)	370	(6.2)	419	(7.2)	481	(10.8)	543	(14.6)	576	(13.3)
<i>Kostanay region</i>	426	(5.9)	75	(2.4)	305	(10.3)	330	(7.7)	373	(7.0)	425	(7.4)	476	(7.1)	526	(6.9)	553	(6.8)
<i>Kyzyl-Orda region</i>	374	(4.8)	60	(2.9)	280	(9.6)	302	(7.8)	335	(6.5)	372	(5.6)	411	(5.1)	450	(6.3)	477	(6.3)
<i>Mangistau region</i>	365	(4.9)	66	(2.6)	267	(6.0)	288	(5.5)	320	(4.4)	359	(5.9)	403	(6.5)	450	(10.1)	484	(11.2)
<i>North-Kazakhstan region</i>	419	(5.2)	76	(2.7)	298	(8.8)	325	(6.4)	368	(5.4)	417	(5.8)	469	(6.6)	517	(8.2)	549	(10.6)
<i>Pavlodar region</i>	413	(6.0)	77	(3.1)	295	(8.6)	317	(6.9)	358	(7.4)	408	(6.6)	465	(8.0)	518	(8.4)	547	(8.9)
<i>South-Kazakhstan region</i>	373	(3.7)	65	(2.3)	271	(7.4)	293	(5.7)	331	(4.7)	372	(4.2)	412	(4.8)	453	(4.8)	482	(7.0)
<i>West-Kazakhstan region</i>	391	(5.1)	71	(2.8)	283	(7.2)	306	(5.5)	342	(5.6)	385	(5.7)	436	(6.6)	484	(7.8)	514	(10.0)
<i>Zhambyl region</i>	397	(4.5)	63	(2.1)	304	(6.2)	322	(6.0)	355	(5.4)	392	(5.4)	434	(5.5)	480	(6.3)	511	(8.0)
Russia																		
<i>Moscow region*</i>	485	(4.1)	81	(2.3)	353	(6.9)	380	(5.9)	428	(5.8)	485	(4.6)	543	(4.4)	590	(4.2)	616	(5.8)
<i>Republic of Tatarstan*</i>	464	(2.8)	80	(1.5)	337	(3.4)	362	(3.4)	407	(3.3)	461	(3.3)	517	(3.2)	568	(4.2)	600	(5.3)

* PISA adjudicated region.

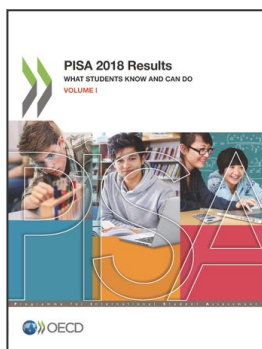
Note: See Table I.B1.6 for national data.

StatLink  <http://dx.doi.org/10.1787/888934029109>

Annex B2 List of tables available on line

<https://doi.org/10.1787/888934029109>

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WEB	Table I.B2.2	Percentage of students at each proficiency level in mathematics, by region
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