




Comparing countries' and economies' performance in mathematics




	Statistically above the OECD average
	Not statistically different from the OECD average
	Statistically below the OECD average

	Math score 2022	Math score change from 2018		Math score 2022	Math score change from 2018		
Above the OECD average	Singapore	575	6	<i>Ukrainian regions (18 of 27)</i>	441	N.A	
	<i>Macao (China)</i>	552	-6	Serbia	440	-8	
	<i>Chinese Taipei</i>	547	16	United Arab Emirates	431	-4	
	<i>Hong Kong (China)*</i>	540	-11	Greece	430	-21	
	Japan	536	9	Romania	428	-2	
	Korea	527	1	Kazakhstan	425	2	
	Estonia	510	-13	Mongolia	425	N.A	
	Switzerland	508	-7	Bulgaria	417	-19	
	Canada*	497	-15	Moldova	414	-6	
	Netherlands*	493	-27	Qatar	414	0	
	Ireland*	492	-8	Chile	412	-6	
	Belgium	489	-19	Uruguay	409	-9	
	Denmark*	489	-20	Malaysia	409	-32	
	United Kingdom*	489	-13	Montenegro	406	-24	
	Poland	489	-27	<i>Baku (Azerbaijan)</i>	397	-23	
	Austria	487	-12	Mexico	395	-14	
	Australia*	487	-4	Thailand	394	-25	
	Czech Republic	487	-12	Peru	391	-9	
	No difference	Slovenia	485	-24	Georgia	390	-8
		Finland	484	-23	Saudi Arabia	389	16
Latvia*		483	-13	North Macedonia	389	-6	
Sweden		482	-21	Costa Rica	385	-18	
New Zealand*		479	-15	Colombia	383	-8	
Lithuania		475	-6	Brazil	379	-5	
Germany		475	-25	Argentina	378	-2	
France		474	-21	Jamaica*	377	N.A	
Spain		473	N.A	Albania	368	-69	
Hungary		473	-8	<i>Palestinian Authority</i>	366	N.A	
Portugal		472	-21	Indonesia	366	-13	
Italy		471	-15	Morocco	365	-3	
Viet Nam		469	N.A	Uzbekistan	364	N.A	
Norway		468	-33	Jordan	361	-39	
Malta		466	-6	Panama*	357	4	
United States*		465	-13	<i>Kosovo</i>	355	-11	
Below		Slovak Republic	464	-22	Philippines	355	2
	Croatia	463	-1	Guatemala	344	10	
	Iceland	459	-36	El Salvador	343	N.A	
	Israel	458	-5	Dominican Republic	339	14	
	Türkiye	453	0	Paraguay	338	11	
	Brunei Darussalam	442	12	Cambodia	336	12	

Countries and economies are ranked in descending order of the mean performance in mathematics.

Source: OECD, PISA 2022 Database, Volume I Table I.B1.2.1 and Table I.B1.5.4.

Comparing countries' and economies' performance in reading

	Statistically above the OECD average
	Not statistically different from the OECD average
	Statistically below the OECD average




		Reading score 2022	Reading score change from 2018		Reading score 2022	Reading score change from 2018	
Above the OECD average	Singapore	543	-7	Below the OECD average	Greece	438	-19
	Ireland*	516	-2		Iceland	436	-38
	Japan	516	12		Uruguay	430	3
	Korea	515	1		Brunei Darussalam	429	21
	<i>Chinese Taipei</i>	515	13		Romania	428	1
	Estonia	511	-12		<i>Ukrainian regions (18 of 27)</i>	428	N.A
	<i>Macao (China)</i>	510	-15		Qatar	419	12
	Canada*	507	-13		United Arab Emirates	417	-14
	United States*	504	-1		Mexico	415	-5
	New Zealand*	501	-5		Costa Rica	415	-11
	<i>Hong Kong (China)*</i>	500	-25		Moldova	411	-13
	Australia*	498	-5		Brazil	410	-3
	United Kingdom*	494	-10		Jamaica*	410	N.A
	Finland	490	-30		Colombia	409	-4
	Denmark*	489	-12		Peru	408	8
	Poland	489	-23		Montenegro	405	-16
	Czech Republic	489	-2		Bulgaria	404	-16
	Sweden	487	-19		Argentina	401	-1
	Switzerland	483	-1		Panama*	392	15
Italy	482	5	Malaysia	388	-27		
No difference	Austria	480	-4	Kazakhstan	386	-1	
	Germany	480	-18	Saudi Arabia	383	-17	
	Belgium	479	-14	Thailand	379	-14	
	Portugal	477	-15	Mongolia	378	N.A	
	Norway	477	-23	Guatemala	374	5	
	Croatia	475	-3	Georgia	374	-6	
	Latvia*	475	-4	Paraguay	373	3	
	Spain	474	N.A	<i>Baku (Azerbaijan)</i>	365	-24	
	France	474	-19	El Salvador	365	N.A	
	Israel	474	3	Indonesia	359	-12	
	Hungary	473	-3	North Macedonia	359	-34	
	Lithuania	472	-4	Albania	358	-47	
	Below	Slovenia	469	-27	Dominican Republic	351	10
Viet Nam**		462	N.A	<i>Palestinian Authority</i>	349	N.A	
Netherlands*		459	-26	Philippines	347	7	
Türkiye		456	-10	<i>Kosovo</i>	342	-11	
Chile		448	-4	Jordan	342	N.A	
Slovak Republic		447	-11	Morocco	339	-20	
Malta		445	-3	Uzbekistan	336	N.A	
Serbia		440	1	Cambodia	329	8	

** Caution is required when comparing estimates based on PISA 2022 with other countries/economies as a strong linkage to the international PISA reading scale could not be established (see Reader's Guide and Annex A4).

Countries and economies are ranked in descending order of the mean performance in reading.

Source: OECD, PISA 2022 Database, Volume I Table I.B1.2.2 and Table I.B1.5.5.

Comparing countries' and economies' performance in science

	Statistically above the OECD average
	Not statistically different from the OECD average
	Statistically below the OECD average

	Science score 2022	Science score change from 2018		Science score 2022	Science score change from 2018	
Above the OECD average	Singapore	561	10	Iceland	447	-28
	Japan	547	17	Brunei Darussalam	446	15
	<i>Macao (China)</i>	543	0	Chile	444	0
	<i>Chinese Taipei</i>	537	22	Greece	441	-11
	Korea	528	9	Uruguay	435	10
	Estonia	526	-4	Qatar	432	13
	<i>Hong Kong (China)*</i>	520	4	United Arab Emirates	432	-2
	Canada*	515	-3	Romania	428	2
	Finland	511	-11	Kazakhstan	423	26
	Australia*	507	4	Bulgaria	421	-3
	New Zealand*	504	-4	Moldova	417	-12
	Ireland*	504	8	Malaysia	416	-21
	Switzerland	503	7	Mongolia	412	N.A
	Slovenia	500	-7	Colombia	411	-2
	United Kingdom*	500	-5	Costa Rica	411	-5
	United States*	499	-3	Mexico	410	-9
	Poland	499	-12	Thailand	409	-17
	Czech Republic	498	1	Peru	408	4
	Latvia*	494	7	Argentina	406	2
	Denmark*	494	1	Montenegro	403	-12
Sweden	494	-6	Brazil	403	-1	
Germany	492	-11	Jamaica*	403	N.A	
Austria	491	1	Saudi Arabia	390	4	
Belgium	491	-8	Panama*	388	23	
No difference	Netherlands*	488	-15	Georgia	384	1
	France	487	-6	Indonesia	383	-13
	Hungary	486	5	<i>Baku (Azerbaijan)</i>	380	-18
	Spain	485	N.A	North Macedonia	380	-33
	Lithuania	484	2	Albania	376	-41
	Portugal	484	-7	Jordan	375	N.A
	Croatia	483	10	El Salvador	373	N.A
	Norway	478	-12	Guatemala	373	8
Below	Italy	477	9	<i>Palestinian Authority</i>	369	N.A
	Türkiye	476	8	Paraguay	368	10
	Viet Nam	472	N.A	Morocco	365	-11
	Malta	466	9	Dominican Republic	360	25
	Israel	465	3	<i>Kosovo</i>	357	-8
	Slovak Republic	462	-2	Philippines	356	-1
	<i>Ukrainian regions (18 of 27)</i>	450	N.A	Uzbekistan	355	N.A
	Serbia	447	8	Cambodia	347	17

Countries and economies are ranked in descending order of the mean performance in science.

Source: OECD, PISA 2022 Database, Volume I Table I.B1.2.3 and Table I.B1.5.6.