

Appendix I – PISA 2022 Global Performance

Rank	Mathematics		Science		Reading	
	Countries/ economies	Score	Countries/ economies	Score	Countries/ economies	Score
1	Singapore	575	Singapore	561	Singapore	543
2	Macao (China)	552	Japan	547	Ireland	516
3	Chinese Taipei	547	Macao (China)	543	Japan	516
4	Hong Kong (China)	540	Chinese Taipei	537	Korea	515
5	Japan	536	Korea	528	Chinese Taipei	515
6	Korea	527	Estonia	526	Estonia	511
7	Estonia	510	Hong Kong (China)	520	Macao (China)	510
8	Switzerland	508	Canada	515	Canada	507
9	Canada	497	Finland	511	United States	504
10	Netherlands	493	Australia	507	New Zealand	501
11	Ireland	492	New Zealand	504	Hong Kong (China)	500
12	Belgium	489	Ireland	504	Australia	498
13	Denmark	489	Switzerland	503	United Kingdom	494
14	United Kingdom	489	Slovenia	500	Finland	490
15	Poland	489	United Kingdom	500	Denmark	489
16	Austria	487	United States	499	Poland	489
17	Australia	487	Poland	499	Czech Republic	489
18	Czech Republic	487	Czech Republic	498	Sweden	487

	Mathematics		Science		Reading	
Rank	Countries/ economies	Score	Countries/ economies	Score	Countries/ economies	Score
19	Slovenia	485	Latvia	494	Switzerland	483
20	Finland	484	Denmark	494	Italy	482
21	Latvia	483	Sweden	494	Austria	480
22	Sweden	482	Germany	492	Germany	480
23	New Zealand	479	Austria	491	Belgium	479
24	Lithuania	475	Belgium	491	Portugal	477
25	Germany	475	Netherlands	488	Norway	477
26	France	474	France	487	Croatia	475
27	Spain	473	Hungary	486	Latvia	475
28	Hungary	473	Spain	485	Spain	474
29	Portugal	472	Lithuania	484	France	474
30	Italy	471	Portugal	484	Israel	474
31	Viet Nam	469	Croatia	483	Hungary	473
32	Norway	468	Norway	478	Lithuania	472
33	Malta	466	Italy	477	Slovenia	469
34	United States	465	Türkiye	476	Viet Nam	462
35	Slovak Republic	464	Viet Nam	472	Netherlands	459
36	Croatia	463	Malta	466	Türkiye	456
37	Iceland	459	Israel	465	Chile	448

	Mathematics		Science		Reading	
Rank	Countries/ economies	Score	Countries/ economies	Score	Countries/ economies	Score
38	Israel	458	Slovak Republic	462	Slovak Republic	447
39	Türkiye	453	Ukrainian regions (18 of 27)	450	Malta	445
40	Brunei Darussalam	442	Serbia	447	Serbia	440
41	Ukrainian regions (18 of 27)	441	Iceland	447	Greece	438
42	Serbia	440	Brunei Darussalam	446	Iceland	436
43	United Arab Emirates	431	Chile	444	Uruguay	430
44	Greece	430	Greece	441	Brunei Darussalam	429
45	Romania	428	Uruguay	435	Romania	428
46	Kazakhstan	425	Qatar	432	Ukrainian regions (18 of 27)	428
47	Mongolia	425	United Arab Emirates	432	Qatar	419
48	Cyprus	418	Romania	428	United Arab Emirates	417
49	Bulgaria	417	Kazakhstan	423	Mexico	415
50	Moldova	414	Bulgaria	421	Costa Rica	415
51	Qatar	414	Moldova	417	Moldova	411
52	Chile	412	Malaysia	416	Brazil	410
53	Uruguay	409	Mongolia	412	Jamaica	410
54	Malaysia	409	Colombia	411	Colombia	409
55	Montenegro	406	Costa Rica	411	Peru	408
56	Baku (Azerbaijan)	397	Cyprus	411	Montenegro	405

	Mathematics		Science		Reading	
Rank	Countries/ economies	Score	Countries/ economies	Score	Countries/ economies	Score
57	Mexico	395	Mexico	410	Bulgaria	404
58	Thailand	394	Thailand	409	Argentina	401
59	Peru	391	Peru	408	Panama	392
60	Georgia	390	Argentina	406	Malaysia	388
61	Saudi Arabia	389	Montenegro	403	Kazakhstan	386
62	North Macedonia	389	Brazil	403	Saudi Arabia	383
63	Costa Rica	385	Jamaica	403	Cyprus	381
64	Colombia	383	Saudi Arabia	390	Thailand	379
65	Brazil	379	Panama	388	Mongolia	378
66	Argentina	378	Georgia	384	Guatemala	374
67	Jamaica	377	Indonesia	383	Georgia	374
68	Albania	368	Baku (Azerbaijan)	380	Paraguay	373
69	Palestinian Authority	366	North Macedonia	380	Baku (Azerbaijan)	365
70	Indonesia	366	Albania	376	El Salvador	365
71	Morocco	365	Jordan	375	Indonesia	359
72	Uzbekistan	364	El Salvador	373	North Macedonia	359
73	Jordan	361	Guatemala	373	Albania	358
74	Panama	357	Palestinian Authority	369	Dominican Republic	351
75	Kosovo	355	Paraguay	368	Palestinian Authority	349

	Mathematics		Science		Reading	
Rank	Countries/ economies	Score	Countries/ economies	Score	Countries/ economies	Score
76	Philippines	355	Morocco	365	Philippines	347
77	Guatemala	344	Dominican Republic	360	Kosovo	342
78	El Salvador	343	Kosovo	357	Jordan	342
79	Dominican Republic	339	Philippines	356	Morocco	339
80	Paraguay	338	Uzbekistan	355	Uzbekistan	336
81	Cambodia	336	Cambodia	347	Cambodia	329
	OECD Average	472	OECD Average	485	OECD Average	476

Appendix II – Comparison of Hong Kong Past Performance from PISA 2000+ to PISA 2022

	Mathematics	Science	Reading
2000+	560 (1st / 43)	541 (3rd / 43)	525 (6th / 43)
2003	550 (1st / 41)	539 (3rd / 41)	510 (10th / 41)
2006	547 (3rd / 57)	542 (2nd / 57)	536 (3rd / 57)
2009	555 (3rd / 65)	549 (3rd / 65)	533 (4th / 65)
2012	561 (3rd / 65)	555 (2nd / 65)	545 (2nd / 65)
2015	548 (2nd / 72)	523 (9th / 72)	527 (2nd / 72)
2018	551 (4th / 79)	517 (9th / 79)	524 (4th / 79)
2022	540 (4th / 81)	520 (7th / 81)	500 (11th / 81)

Note: Score of Hong Kong (Ranking of Hong Kong/number of participating countries/economies)

Appendix III – Strength of the Socio-Economic Gradient and Mathematic Performance ( $R^2$ ).

