

Table 1: Mean scores of participating education systems in TIMSS 2019 for Grade 4 Mathematics and Science

G4 Mathematics		G4 Science	
Education System	Mean Score (2019)	Education System	Mean Score (2019)
Singapore	625	Singapore	595
Hong Kong SAR	602	Korea, Rep. of #	588
Korea, Rep. of	600	Russian Federation	567
Chinese Taipei	599	Japan	562
Japan	593	Chinese Taipei	558
Russian Federation	567	Finland	555
Northern Ireland	566	Latvia	542
England	556	Norway	539
Ireland	548	United States	539
Latvia	546	Lithuania	538
Norway	543	Sweden	537
Lithuania	542	England	537
Austria	539	Czech Republic	534
Netherlands	538	Australia	533
United States	535	Hong Kong SAR	531
Czech Republic	533	Poland	531
Belgium (Flemish)	532	Hungary	529
Cyprus	532	Ireland	528
Finland	532	Turkey	526
Portugal	525	Croatia	524
Denmark	525	Canada	523
Hungary	523	Denmark	522
Turkey	523	Austria	522
Sweden	521	Bulgaria	521
Germany	521	Slovak Republic	521
Poland	520	Northern Ireland	518
Australia	516	Netherlands	518
Azerbaijan	515	Germany	518
Bulgaria	515	Serbia	517
Italy	515	Cyprus	511
Kazakhstan	512	Spain	511
Canada	512	Italy	510
Slovak Republic	510	Portugal	504
Croatia	509	New Zealand	503
Malta	509	Belgium (Flemish)	501
Serbia	508	<i>Scale Centrepoint</i>	<i>500</i>
Spain	502	Malta	496
<i>Scale Centrepoint</i>	<i>500</i>	Kazakhstan	494
Armenia	498	Bahrain	493
Albania	494	Albania	489
New Zealand	487	France	488
France	485	United Arab Emirates	473
Georgia	482	Chile	469
United Arab Emirates	481	Armenia	466
Bahrain	480	Bosnia and Herzegovina	459
North Macedonia	472	Georgia	454
Montenegro	453	Montenegro	453
Bosnia and Herzegovina	452	Qatar	449
Qatar	449	Iran, Islamic Rep. of	441
Kosovo	444	Oman	435
Iran, Islamic Rep. of	443	Azerbaijan	427
Chile	441	North Macedonia	426
Oman	431	Kosovo	413
Saudi Arabia	398	Saudi Arabia	402
Morocco	383	Kuwait	392
Kuwait	383	Morocco	374
South Africa	374	South Africa	324
Pakistan	328	Pakistan	290
Philippines	297	Philippines	249

Notes:

- i. # denotes education system whose mean score is not statistically significantly different from Singapore's in 2019.
- ii. The scores are standardised to allow for valid comparison across cycles. The scale centrepoint is a fixed point that does not change from one cycle of TIMSS to the next.

Table 2: Mean scores of participating education systems in TIMSS 2019 for Grade 8 Mathematics and Science

G8 Mathematics		G8 Science	
Education System	Mean Score (2019)	Education System	Mean Score (2019)
Singapore	616	Singapore	608
Chinese Taipei #	612	Chinese Taipei	574
Korea, Rep. of #	607	Japan	570
Japan	594	Korea, Rep. of	561
Hong Kong SAR	578	Russian Federation	543
Russian Federation	543	Finland	543
Ireland	524	Lithuania	534
Lithuania	520	Hungary	530
Israel	519	Australia	528
Australia	517	Ireland	523
Hungary	517	United States	522
United States	515	Sweden	521
England	515	Portugal	519
Finland	509	England	517
Norway	503	Turkey	515
Sweden	503	Israel	513
Cyprus	501	Hong Kong SAR	504
Portugal	500	Italy	500
<i>Scale Centrepoint</i>	<i>500</i>	<i>Scale Centrepoint</i>	<i>500</i>
Italy	497	New Zealand	499
Turkey	496	Norway	495
Kazakhstan	488	France	489
France	483	Bahrain	486
New Zealand	482	Cyprus	484
Bahrain	481	Kazakhstan	478
Romania	479	Qatar	475
United Arab Emirates	473	United Arab Emirates	473
Georgia	461	Romania	470
Malaysia	461	Chile	462
Iran, Islamic Rep. of	446	Malaysia	460
Qatar	443	Oman	457
Chile	441	Jordan	452
Lebanon	429	Iran, Islamic Rep. of	449
Jordan	420	Georgia	447
Egypt	413	Kuwait	444
Oman	411	Saudi Arabia	431
Kuwait	403	Morocco	394
Saudi Arabia	394	Egypt	389
South Africa	389	Lebanon	377
Morocco	388	South Africa	370

Notes:

- i. # denotes education system whose mean score is not statistically significantly different from Singapore's in 2019.
- ii. The scores are standardised to allow for valid comparison across cycles. The scale centrepoint is a fixed point that does not change from one cycle of TIMSS to the next.