

Mathematics Achievement

Grade 8		Grade 4	
Singapore	605	Singapore	594
Korea, Rep. of	589	Hong Kong, SAR	575
Hong Kong, SAR	586	Japan	565
Chinese Taipei	585	Chinese Taipei	564
Japan	570	Belgium (Flemish)	551
Belgium (Flemish)	537	Netherlands	540
Netherlands	536	Latvia	536
Estonia	531	Lithuania	534
Hungary	529	Russian Federation	532
Malaysia	508	England	531
Latvia	508	Hungary	529
Russian Federation	508	United States	518
Slovak Republic	508	Cyprus	510
Australia	505	Moldova, Rep. of	504
United States	504	Italy	503
Lithuania	502	Australia	499
Sweden	499	International Avg.	495
Scotland	498	New Zealand	493
Israel	496	Scotland	490
New Zealand	494	Slovenia	479
Slovenia	493	Armenia	456
Italy	484	Norway	451
Armenia	478	Iran, Islamic Rep. of	389
Serbia	477	Philippines	358
Bulgaria	476	Morocco	347
Romania	475	Tunisia	339
International Avg.	467	Benchmarking Participants	
Norway	461	Indiana State, US	533
Moldova, Rep. of	460	Ontario Province, Can.	511
Cyprus	459	Quebec Province, Can.	506
Macedonia, Rep. of	435		
Lebanon	433		
Jordan	424		
Iran, Islamic Rep. of	411		
Indonesia	411		
Tunisia	410		
Egypt	406		
Bahrain	401		
Palestinian Nat'l Auth.	390		
Chile	387		
Morocco	387		
Philippines	378		
Botswana	366		
Saudi Arabia	332		
Ghana	276		
South Africa	264		
* England	498		
Benchmarking Participants			
Basque Country, Spain	487		
Indiana State, US	508		
Ontario Province, Can.	521		
Quebec Province, Can.	543		

* Did not satisfy guidelines for sampling participation rates.



TIMSS & PIRLS
International Study Center

Trends in Mathematics Achievement between 1995 and 2003

IMPROVED

Grade 8	Grade 4
Republic of Korea	Hong Kong, SAR
Hong Kong, SAR	Latvia
Latvia	England
United States	Cyprus
Lithuania	New Zealand
	Slovenia

DECLINED

Grade 8	Grade 4
Japan	Netherlands
Belgium (Flemish)	Norway
Russian Federation	
Slovak Republic	
Sweden	
Bulgaria	
Norway	
Cyprus	



Science Achievement

Grade 8		Grade 4	
Singapore	578	Singapore	565
Chinese Taipei	571	Chinese Taipei	551
Korea, Rep. of	558	Japan	543
Hong Kong, SAR	556	Hong Kong, SAR	542
Estonia	552	England	540
Japan	552	United States	536
Hungary	543	Latvia	532
Netherlands	536	Hungary	530
United States	527	Russian Federation	526
Australia	527	Netherlands	525
Sweden	524	Australia	521
Slovenia	520	New Zealand	520
New Zealand	520	Belgium (Flemish)	518
Lithuania	519	Italy	516
Slovak Republic	517	Lithuania	512
Belgium (Flemish)	516	Scotland	502
Russian Federation	514	Moldova, Rep. of	496
Latvia	512	Slovenia	490
Scotland	512	International Avg.	489
Malaysia	510	Cyprus	480
Norway	494	Norway	466
Italy	491	Armenia	437
Israel	488	Iran, Islamic Rep. of	414
Bulgaria	479	Philippines	332
Jordan	475	Tunisia	314
International Avg.	474	Morocco	304
Moldova, Rep. of	472	Benchmarking Participants	
Romania	470	Indiana State, US	553
Serbia	468	Ontario Province, Can.	540
Armenia	461	Quebec Province, Can.	500
Iran, Islamic Rep. of	453		
Macedonia, Rep. of	449		
Cyprus	441		
Bahrain	438		
Palestinian Nat'l Auth.	435		
Egypt	421		
Indonesia	420		
Chile	413		
Tunisia	404		
Saudi Arabia	398		
Morocco	396		
Lebanon	393		
Philippines	377		
Botswana	365		
Ghana	255		
South Africa	244		
* England	544		
Benchmarking Participants			
Basque Country, Spain	489		
Indiana State, US	531		
Ontario Province, Can.	533		
Quebec Province, Can.	531		

* Did not satisfy guidelines for sampling participation rates.



Trends in Science Achievement between 1995 and 2003

IMPROVED

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Latvia	Slovenia
	Cyprus
	Iran

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Grade 8	Grade 4
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Norway	
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