

Background of PISA 2009

PISA 2009 was conducted under the auspices of the Organisation for Economic Cooperation and Development (OECD), with 65 countries / regions participating in the study. The international study aimed to assess the scientific, reading and mathematical literacy of young adults aged 15, collect data on factors that could help to explain differences in performance, and evaluate the effectiveness of the education system in each participating country / region.

Being conducted in a three-year cycle since 2000, PISA 2009 was the fourth cycle. The main study of Hong Kong PISA 2009 was conducted in April to May 2009. A total of 4,837 students aged 15 from 151 secondary schools participated in the study.

Ranking of Students' Reading Literacy

Reading Literacy			
PISA 2009		PISA 2006	
Country/Region	Mean Score	Country/Region	Mean Score
Shanghai-China	556	Korea	556
Korea	539	Finland	547
Finland	536	Hong Kong-China	536
Hong Kong-China	533	Canada	527
Singapore	526	New Zealand	521
Canada	524	Ireland	517
New Zealand	521	Australia	513
Japan	520	Liechtenstein	510
Australia	515	Poland	508
Netherlands	508	Sweden	507
Belgium	506	Netherlands	507
Norway	503	Belgium	501
Estonia	501	Estonia	501
Switzerland	501	Switzerland	499
Poland	500	Japan	498
Iceland	500	Chinese Taipei	496
United States	500	United Kingdom	495
Liechtenstein	499	Germany	495
Sweden	497	Denmark	494
Germany	497	Slovenia	494
Ireland	496	Macao-China	492
France	496	OECD average	492
Chinese Taipei	495	Austria	490
Denmark	495	France	488
United Kingdom	494	Iceland	484
Hungary	494	Norway	484
OECD average	493	Czech Republic	483
Portugal	489	Hungary	482
Macao-China	487	Latvia	479
Italy	486	Luxembourg	479
Latvia	484	Croatia	477
Slovenia	483	Portugal	472
Greece	483	Lithuania	470
Spain	481	Italy	469
Czech Republic	478	Slovak Republic	466
Slovak Republic	477	Spain	461
Croatia	476	Greece	460
Israel	474	Turkey	447
Luxembourg	472	Chile	442
Austria	470	Russian Federation	440
Lithuania	468	Israel	439
Turkey	464	Thailand	417
Dubai (UAE)	459	Uruguay	413
Russian Federation	459	Mexico	410
Chile	449	Bulgaria	402
Serbia	442	Serbia	401
Bulgaria	429	Jordan	401
Uruguay	426	Romania	396
Mexico	425	Indonesia	393
Romania	424	Brazil	393
Thailand	421	Montenegro	392
Trinidad and Tobago	416	Colombia	385
Colombia	413	Tunisia	380
Brazil	412	Argentina	374
Montenegro	408	Azerbaijan	353
Jordan	405	Qatar	312
Tunisia	404	Kyrgyzstan	285
Indonesia	402	United States	missing data
Argentina	398		
Kazakhstan	390		
Albania	385		
Qatar	372		
Panama	371		
Peru	370		
Azerbaijan	362		
Kyrgyzstan	314		

Ranking of Students' Mathematical Literacy

Mathematical Literacy			
PISA 2009		PISA 2006	
Country/Region	Mean Score	Country/Region	Mean Score
Shanghai-China	600	Chinese Taipei	549
Singapore	562	Finland	548
Hong Kong-China	555	Hong Kong-China	547
Korea	546	Korea	547
Chinese Taipei	543	Netherlands	531
Finland	541	Switzerland	530
Liechtenstein	536	Canada	527
Switzerland	534	Macao-China	525
Japan	529	Liechtenstein	525
Canada	527	Japan	523
Netherlands	526	New Zealand	522
Macao-China	525	Belgium	520
New Zealand	519	Australia	520
Belgium	515	Estonia	515
Australia	514	Denmark	513
Germany	513	Czech Republic	510
Estonia	512	Iceland	506
Iceland	507	Austria	505
Denmark	503	Slovenia	504
Slovenia	501	Germany	504
Norway	498	Sweden	502
France	497	Ireland	501
Slovak Republic	497	OECD average	498
Austria	496	France	496
OECD average	496	United Kingdom	495
Poland	495	Poland	495
Sweden	494	Slovak Republic	492
Czech Republic	493	Hungary	491
United Kingdom	492	Luxembourg	490
Hungary	490	Norway	490
Luxembourg	489	Lithuania	486
United States	487	Latvia	486
Ireland	487	Spain	480
Portugal	487	Azerbaijan	476
Spain	483	Russian Federation	476
Italy	483	United States	474
Latvia	482	Croatia	467
Lithuania	477	Portugal	466
Russian Federation	468	Italy	462
Greece	466	Greece	459
Croatia	460	Israel	442
Dubai (UAE)	453	Serbia	435
Israel	447	Uruguay	427
Turkey	445	Turkey	424
Serbia	442	Thailand	417
Azerbaijan	431	Romania	415
Bulgaria	428	Bulgaria	413
Romania	427	Chile	411
Uruguay	427	Mexico	406
Chile	421	Montenegro	399
Thailand	419	Indonesia	391
Mexico	419	Jordan	384
Trinidad and Tobago	414	Argentina	381
Kazakhstan	405	Colombia	370
Montenegro	403	Brazil	370
Argentina	388	Tunisia	365
Jordan	387	Qatar	318
Brazil	386	Kyrgyzstan	311
Colombia	381		
Albania	377		
Tunisia	371		
Indonesia	371		
Qatar	368		
Peru	365		
Panama	360		
Kyrgyzstan	331		

Ranking of Students' Scientific Literacy

Scientific Literacy			
PISA 2009		PISA 2006	
Country/Region	Mean Score	Country/Region	Mean Score
Shanghai-China	575	Finland	563
Finland	554	Hong Kong-China	542
Hong Kong-China	549	Canada	534
Singapore	542	Chinese Taipei	532
Japan	539	Estonia	531
Korea	538	Japan	531
New Zealand	532	New Zealand	530
Canada	529	Australia	527
Estonia	528	Netherlands	525
Australia	527	Liechtenstein	522
Netherlands	522	Korea	522
Chinese Taipei	520	Slovenia	519
Germany	520	Germany	516
Liechtenstein	520	United Kingdom	515
Switzerland	517	Czech Republic	513
United Kingdom	514	Switzerland	512
Slovenia	512	Macao-China	511
Macao-China	511	Austria	511
Poland	508	Belgium	510
Ireland	508	Ireland	508
Belgium	507	Hungary	504
Hungary	503	Sweden	503
United States	502	OECD average	500
OECD average	501	Poland	498
Czech Republic	500	Denmark	496
Norway	500	France	495
Denmark	499	Croatia	493
France	498	Iceland	491
Iceland	496	Latvia	490
Sweden	495	United States	489
Austria	494	Slovak Republic	488
Latvia	494	Spain	488
Portugal	493	Lithuania	488
Lithuania	491	Norway	487
Slovak Republic	490	Luxembourg	486
Italy	489	Russian Federation	479
Spain	488	Italy	475
Croatia	486	Portugal	474
Luxembourg	484	Greece	473
Russian Federation	478	Israel	454
Greece	470	Chile	438
Dubai (UAE)	466	Serbia	436
Israel	455	Bulgaria	434
Turkey	454	Uruguay	428
Chile	447	Turkey	424
Serbia	443	Jordan	422
Bulgaria	439	Thailand	421
Romania	428	Romania	418
Uruguay	427	Montenegro	412
Thailand	425	Mexico	410
Mexico	416	Indonesia	393
Jordan	415	Argentina	391
Trinidad and Tobago	410	Brazil	390
Brazil	405	Colombia	388
Colombia	402	Tunisia	386
Montenegro	401	Azerbaijan	382
Argentina	401	Qatar	349
Tunisia	401	Kyrgyzstan	322
Kazakhstan	400		
Albania	391		
Indonesia	383		
Qatar	379		
Panama	376		
Azerbaijan	373		
Peru	369		
Kyrgyzstan	330		