

Appendix table 1-7

Average TIMSS science scores of students in grades 4 and 8, by country/jurisdiction: 2011

| Country/jurisdiction | Grade 4 | Country/jurisdiction | Grade 8 |
|--------------------------------|------------|--------------------------------|------------|
| TIMSS scale average | 500 * | TIMSS scale average | 500 * |
| Republic of Korea | 587 * | Singapore | 590 * |
| Singapore | 583 * | Taipei (Taiwan) ^a | 564 * |
| Finland | 570 * | Republic of Korea | 560 * |
| Japan | 559 * | Japan | 558 * |
| Russian Federation | 552 * | Finland | 552 * |
| Taipei (Taiwan) ^a | 552 * | Slovenia | 543 * |
| United States | 544 | Russian Federation | 542 * |
| Czech Republic | 536 * | Hong Kong (China) ^b | 535 * |
| Hong Kong (China) ^b | 535 * | England | 533 |
| Hungary | 534 * | United States | 525 |
| Sweden | 533 * | Hungary | 522 |
| Austria | 532 * | Australia | 519 |
| Slovak Republic | 532 * | Israel | 516 |
| Netherlands | 531 * | Lithuania | 514 * |
| England | 529 * | New Zealand | 512 * |
| Denmark | 528 * | Sweden | 509 * |
| Germany | 528 * | Italy | 501 * |
| Italy | 524 * | Ukraine | 501 * |
| Portugal | 522 * | Norway | 494 * |
| Slovenia | 520 * | Kazakhstan | 490 * |
| Northern Ireland | 517 * | Turkey | 483 * |
| Australia | 516 * | Islamic Republic of Iran | 474 * |
| Croatia | 516 * | Romania | 465 * |
| Ireland | 516 * | United Arab Emirates | 465 * |
| Serbia | 516 * | Chile | 461 * |
| Lithuania | 515 * | Bahrain | 452 * |
| Belgium (Flemish) | 509 * | Thailand | 451 * |
| Poland | 505 * | Jordan | 449 * |
| Romania | 505 * | Tunisia | 439 * |
| Spain | 505 * | Armenia | 437 * |
| New Zealand | 497 * | Saudi Arabia | 436 * |
| Kazakhstan | 495 * | Malaysia | 426 * |
| Norway | 494 * | Syrian Arab Republic | 426 * |
| Chile | 480 * | Georgia | 420 * |
| Thailand | 472 * | Oman | 420 * |
| Turkey | 463 * | Palestinian National Authority | 420 * |
| Georgia | 455 * | Qatar | 419 * |
| Islamic Republic of Iran | 453 * | Republic of Macedonia | 407 * |
| Bahrain | 449 * | Indonesia | 406 * |
| Malta | 446 * | Lebanon | 406 * |
| Azerbaijan | 438 * | Morocco | 376 * |
| Saudi Arabia | 429 * | Ghana ^c | 306 * |
| United Arab Emirates | 428 * | | |
| Armenia | 416 * | | |
| Qatar | 394 * | | |
| Oman | 377 * | | |
| Kuwait ^c | 347 * | | |

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| Country/jurisdiction | Grade 4 | Country/jurisdiction | Grade 8 |
|----------------------|---------|----------------------|---------|
| Tunisia ^c | 346 * | | |
| Morocco ^c | 264 * | | |
| Yemen ^c | 209 * | | |

* = significantly different from the U.S. score at the 0.05 level.

TIMSS = Trends in International Mathematics and Science Study.

^a Taipei is the capital city of Taiwan.

^b Hong Kong is a Special Administrative Region of the People's Republic of China.

^c Estimate may be unreliable due to low participation rates of certain groups in the population.

NOTES: TIMSS science assessment scores range from 0 to 1,000 for grades in 4 and 8.

Countries/jurisdictions with identical rounded estimates are listed alphabetically. Tied countries/jurisdictions are listed alphabetically.

SOURCE: Provasnik S, Kastberg D, Ferraro D, Lemanski N, Roey S, Jenkins F, *Highlights From TIMSS 2011: Mathematics and Science Achievement of U.S. Fourth- and Eighth-Grade Students in an International Context*, NCES 2013-009 (2012).

Science and Engineering Indicators 2014