

Annex 4A. Participating Educational Systems in International Assessment of Student Achievement, 1995-2015

Supplemental material for: Wu, K.B.. 2017. "Measuring Impact: Education." In *Disease Control Priorities* (third edition), Volume 8, *Child and Adolescent Health and Development*, edited by D.A.P Bundy, N. de Silva, S. Horton, D.T. Jamison, and G. Patton. Washington DC: World Bank.

| Education Systems | TIMSS 1995 | TIMSS-R 1999 | PIRLS 2001 | TIMSS 2003 | PIRLS 2006 | TIMSS 2007 | PIRLS 2011 | TIMSS 2011 | TIMSS 2015 | PISA 2000 | PISA 2003 | PISA 2006 | PISA 2009 | PISA 2012 | PISA 2015 |
|-----------------------|---------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Albania | | | | | | | | | | x | | | x | x | x |
| Algeria | | | | | | x | | | | | | | | | x |
| Argentina | | | x | x | | | | | x | x | | x | x | x | x |
| Armenia | | | | x | | x | | x | x | | | | | | |
| Australia | x | x | | x | | x | x | x | x | x | x | x | x | x | x |
| Austria | x | x | | | x | | x | | | x | x | x | x | x | x |
| Azerbaijan | | | | | | | | | | x | | x | x | | x |
| Bahrain | | | | x | | x | | x | x | | | | | | |
| Belgium (Flemish) | x | x | | x | x | | | | x | | | | | | |
| Belgium (French) | x | | | | x | | x | | | | | | | | |
| Belgium (combined) | | | | | | | | | | x | x | x | x | x | x |
| Belize | | | x | | | | | | | | | | | | |
| Bosnia | | | | | | x | | | | | | | | | |
| Botswana | | | | x | | x | x | | x | | | | | | |
| Brazil | | | | | | | | | | x | x | x | x | x | x |
| Britain | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Bulgaria | x | x | x | x | x | x | x | | x | x | | x | x | x | x |
| Canada | x | x | | | | | x | | x | x | x | x | x | x | x |

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|-------------------------------------|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|
| Canada (Quebec & Ontario) | | | x | | | x | | | | | | | | | |
| Canada (Al, BA, NS, Ont, Que) | | | | | | x | | | | | | | | | |
| Chile | x | | | x | | | | | x | x | | x | x | x | x |
| China - Beijing | | | | | | | | | | | | | | | x |
| China - Guangdong | | | | | | | | | | | | | | | x |
| China - Jiangsu | | | | | | | | | | | | | | | x |
| China - Shanghai | | | | | | | | | | | | | | x | x |
| Colombia | x | | x | | | x | x | x | | | | x | x | x | x |
| Costa Rica | | | | | | | | | | | | | x | x | x |
| Croatia | | | | | | | x | | x | | | x | x | x | x |
| Cyprus | x | x | x | x | | x | | x | x | | | | | | x |
| Czech Republic | x | x | x | | | x | x | x | x | x | x | x | x | x | x |
| Denmark | x | | | | | x | | x | x | x | x | x | x | x | x |
| Dominican Republic | | | | | | | | | | | | | | | x |
| Egypt | | | | x | | x | | | | | x | | | | |
| El Salvador | | | | | | x | | | | | | | | | |
| Estonia | | | | x | | | | | | | x | | | x | x |
| Finland | | x | | | | | | x | x | x | x | x | x | x | x |
| France | x | | x | | | x | | x | x | x | x | x | x | x | x |
| Georgia | | | | | | x | x | | x | x | | | | | |
| Germany | x | | x | | | x | | | x | x | x | x | x | x | x |
| Ghana | | | | x | | x | | | x | | | | | | |
| Greece | x | | | | | | | | | x | x | x | x | x | x |

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|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Malaysia | x | | x | | x | | x | | | | | x | x | x |
| Malta | | | | | x | x | | | | | | x | | |
| Mauritius | | | | | | | | | | | | x | | |
| Mexico | | | | | | | | | | x | x | x | x | x |
| Moldova | x | x | x | x | | | | x | | | | x | | x |
| Montenegro | | | | | | x | | | | | | x | x | x |
| Morocco | x | x | | x | x | x | | | | | | | | |
| Netherlands | x | x | x | x | x | x | x | x | | x | x | x | x | x |
| New Zealand | x | x | x | x | x | x | x | x | | x | x | x | x | x |
| Northern Ireland | | | | | | | x | x | | | | | | |
| Norway | x | | x | x | x | x | x | x | | x | x | x | x | x |
| Oman | | | | | | x | x | x | | | | | | |
| Panama | | | | | | | | | | | | x | x | x |
| Peru | | | | | | | | | | x | | x | x | x |
| Philippines | x | | x | | | | | x | | | | | | |
| Poland | | | | | x | | x | | x | x | x | x | x | x |
| Portugal | x | | | | | | | x | | x | x | x | x | x |
| Qatar | | | | | x | x | x | x | | | | x | x | x |
| Romania | x | x | x | x | x | x | x | x | x | x | | x | x | x |
| Russian Federation | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Saudi Arabia | | | | | x | x | x | x | x | | | | | |
| Scotland | x | | | x | x | x | | x | | | | | | |
| Serbia | | | | | | x | | | | x | | x | x | x |
| Singapore | x | x | x | x | x | x | x | x | x | | | | x | x |
| Slovak Republic | x | x | x | x | x | x | x | x | x | | x | x | x | x |
| Slovenia | x | x | x | x | x | x | x | x | x | | | x | x | x |
| South Africa | x | x | | | | | | x | x | x | | | | |
| Spain | x | | | | x | x | x | | | x | x | x | x | x |
| Sweden | x | | x | x | x | x | x | x | x | x | x | x | x | x |

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|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Switzerland | x | | | x | | | | | | x | x | x | x | x | x |
| Syria | | | | | | x | | x | | | | | | | |
| Taiwan, China | | x | | x | x | x | x | | | x | | x | x | x | x |
| Thailand | x | x | | | | x | | x | x | x | x | x | x | x | x |
| Trinidad and Tobago | | x | | x | x | x | x | x | | | | | x | | x |
| Turkey | | x | x | | | x | | x | x | | x | x | x | x | x |
| Tunisia | | x | | x | | | | | | | x | x | x | x | x |
| Ukraine | | | | | | x | | x | | | | | | | |
| United Arab Emirates | | | | | | | | x | x | x | | | x | x | x |
| United States of America | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Uruguay | | | | | | | | | | | x | x | x | x | x |
| Venezuela (Miranda) | | | | | | | | | | | | | x | | x |
| Vietnam | | | | | | | | | | | | | | x | x |
| West Bank and Gaza | | | | x | | x | | x | | | | | | | |
| Yemen | | | | x | | x | | x | | | | | | | |

Sources: NCES, various years a; b; and c..

Note: Due to limited space, the participating countries in Grade 4 and Grade 8 tests are combined in this table.

References

- NCES (National Center for Educational Statistics). Various years a. “Trends in International Mathematics and Science Study (TIMSS).” NCES, US Department of Education. <http://www.nces.ed.gov/TIMSS/countries.asp>.
- NCES (National Center for Educational Statistics). Various years b. “Progress in International Reading Literacy Study (PIRLS).” NCES, US Department of Education. <http://www.nces.ed.gov/surveys/pirls/countries.asp>.
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