NCES International Studies

PIRLS
Progress in International Reading Literacy Study
In partnership with IEA

Who's surveyed
4th-graders

How often
Every 5 years

Next data collection
2021

Trends back to
2001

Number of participating education systems from last data collection (2016)
58

Subject: Reading

A study of fourth-grade reading skills. ePIRLS, its optional digital counterpart, is an innovative assessment which makes it possible to understand how well students are prepared to read, comprehend, and interpret online information.

https://nces.ed.gov/surveys/PIRLS

TIMSS
Trends in International Mathematics and Science Study
In partnership with IEA

Who's surveyed
TIMSS: 4th- and 8th-graders
TIMSS Advanced: Final year of secondary school (12th-graders in the U.S.)

How often
TIMSS: Every 4 years
TIMSS Advanced: Periodically

Next data collection
2019

Trends back to
1995

Number of participating education systems from last data collection (2015)
Grade 4: 55
Grade 8: 44
TIMSS Advanced: 9

Subjects: Mathematics and science

A study of fourth- and eighth-grade mathematics and science achievement. Also, TIMSS Advanced measures advanced mathematics and physics at the end of secondary school.

https://nces.ed.gov/TIMSS

ICILS
International Computer and Information Literacy Study
In partnership with IEA

Who's surveyed
8th-graders

Next data collection
2018

Number of participating education systems from last data collection (2013)
21

Subjects: Computer and information literacy

A study that measures eighth-grade students’ computer-based skills and their access to and use of different information technologies. The U.S. is participating for the first time in 2018.

https://nces.ed.gov/surveys/ICILS

IEA - International Association for the Evaluation of Educational Achievement
OECD - Organization for Economic Cooperation and Development
<table>
<thead>
<tr>
<th>Program for International Student Assessment</th>
<th>Program for the International Assessment of Adult Competencies</th>
<th>Teaching and Learning International Survey</th>
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<tr>
<td>In partnership with OECD</td>
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<tr>
<td><strong>Who's surveyed</strong></td>
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<tr>
<td>15-year-olds</td>
<td>Adults ages 16-65 (16-74 in U.S.)</td>
<td>Teachers of grades 7, 8, and 9</td>
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<tr>
<td><strong>How often</strong></td>
<td><strong>How often</strong></td>
<td><strong>How often</strong></td>
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<tr>
<td>Every 3 years</td>
<td>Every 10 years, with additional data collections in the U.S.</td>
<td>Every 5 years</td>
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<tr>
<td><strong>Next data collection</strong></td>
<td><strong>Next data collection</strong></td>
<td><strong>Next data collection</strong></td>
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<td>2018</td>
<td>International: 2021/2022</td>
<td>2018</td>
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<td><strong>Trends back to</strong></td>
<td><strong>Trends back to</strong></td>
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<td>2000</td>
<td>2011/2012</td>
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<td><strong>Number of participating education systems from last data collection (2015)</strong></td>
<td><strong>Number of participating countries from last data collection (2011/2012-2017)</strong></td>
<td>38</td>
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<td>73</td>
<td>38</td>
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<td><strong>Subjects:</strong> Reading literacy, mathematics literacy, science literacy, and problem solving and financial literacy</td>
<td><strong>Subjects:</strong> Literacy, numeracy, and digital problem solving</td>
<td>A survey of teachers and principals that provides data on teaching and learning environments.</td>
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</tbody>
</table>

An assessment that aims to measure 15-year-old students’ literacy in reading, mathematics, and science. PISA also sometimes offers optional assessments, such as problem solving and financial literacy in 2012 and 2015.

https://nces.ed.gov/surveys/PISA

An assessment of adult basic and workplace skills, including literacy, numeracy, and digital problem solving. The study aims to capture the skills of a nation’s working-age population. The U.S. conducted a supplemental data collection in 2014, expanding and enhancing the 2012 household sample, and also collected data in state and federal prisons.

https://nces.ed.gov/surveys/PIAAC

https://nces.ed.gov/surveys/PIAAC

International Early Learning Study

In partnership with OECD

Who’s surveyed
5-year-olds

First data collection
2018

Subjects: Emergent literacy, emergent numeracy, self-regulation, and empathy/trust

https://nces.ed.gov/surveys/IELS
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https://nces.ed.gov/surveys/international/

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• Released assessment items
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• FAQs (available at https://nces.ed.gov/surveys/international/faqs.asp)

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• Export your analyses in Microsoft Excel, Microsoft Word, or HTML or PDF formats