

NAEP and International Assessment Comparison Chart

	NAEP	PIRLS/ePIRLS		TIMSS/eTIMSS		PISA		
Assessment Title	National Assessment of Educational Progress	Progress in International Reading Literacy Study		Trends in International mathematics and Science		Program for International Student Assessment		
What subjects are assessed?	Main NAEP: Mathematics, Reading, Science, Writing Specialty Assessments: Arts, Civics, Economics, Geography, and U.S. History	Reading Comprehension: literary and informational texts, assessment content broadly aligned with participating country's curriculum		Mathematics and Science: assessment content broadly aligned with participating country's curriculum		Mathematics, Reading, and Scientific Literacy: assessment measures students' abilities to apply their knowledge and skills to real-life problems, "yield" learning over direct measure of curriculum mastery		
What year did the study begin?	1969: National 1990: Voluntary State Participation 2002: Trial Urban Districts (TUDA) 2003: Mandated State Participation	2001		1995		2000		
What is the target population?	Grade 4, 8, and 12 Students: national, state, and TUDAs	Grade 4 Students		Grade 4, 8, and 12 Students		Age 15 Students		
How often is the assessment conducted?	Main NAEP: Odd Years (Science and Writing every four years) Extended Assessment Calendar (WEB)	Every 5 Years		Every 4 Years		Every 3 Years		
How many jurisdictions usually participate in the assessment?	50 States, District of Columbia (DC), DoDDS, and Puerto Rico	58 Education Systems		Grade 4: 60 Education Systems Grade 8: 59 Education Systems		65 Education Systems		
Last Assessment / Next Assessment	State/TUDA: 2015 National: 2016	State/TUDA: 2017 National: 2018	Spring 2016	Spring 2021	Spring 2015	Spring 2019	Fall 2015	Fall 2018
How many U.S. participants were in the most recent study?	Grade 4: 268,700 (2015)* Grade 8: 264,400 (2015)*	15,361 (2011)		Grade 4: 3,018 (FL, 2015) Grade 8: 3,101 (FL, 2015) Grade 12: 572 (FL, 2015)		5,800 (2015)*		
How are scores reported?	Average scale score, percentiles, and achievement level cut scores set at below <i>Basic</i> , <i>Basic</i> , <i>Proficient</i> , and <i>Advanced</i>	Overall scale scores, subscale scores, and international benchmarks set at Advanced, High, Intermediate, and Low levels.		Overall scale scores, subscale scores, and international benchmarks set at Advanced, High, Intermediate, and Low levels.		Overall scale scores, subscale scores, and international benchmarks on a scale from Level 1 (lowest) to Level 6 (highest)		
Are there sources that provide contextual information for the scale scores?	Yes: Information collected from student, teacher, and school questionnaires.	Yes: Information collected from student, parent, teacher, and school questionnaires in most countries; Research coordinators report characteristics of national curriculum and selected educational policies and practices.		Yes: Information collected from student, teacher, and school questionnaires; Research coordinators report characteristics of national curriculum and selected educational policies and practices.		Yes: Information collected from student, parent, teacher, and school questionnaires in some countries.		
Is international data available?	N/A	Yes		Yes		Yes		
Is state-level data available?	Yes	2011: Florida received state-level data.		1999, 2007, and 2011**: Some participating states; 2015: Florida the only state to participate at the state-level.		2012: Connecticut, Florida, and Massachusetts received state-level data.		
Is district-level data available?	Yes: 21 Trial Urban Districts (TUDAs), Florida TUDAs are Duval, Hillsborough, and Miami-Dade.	No		1995, 1999, and 2011: Some participating districts; 2011 projected TIMSS Mathematics scores received by Hillsborough and Miami-Dade		No		
Is it possible to do trend analysis?	Yes	Yes		Yes		Yes		
Web Address	nces.ed.gov/nationsreportcard/	timssandpirls.bc.edu/		timssandpirls.bc.edu/		nces.ed.gov/surveys/pisa/		

* 2015 U.S. PISA and NAEP participant figures are rounded.

**The TIMSS Benchmarking Study provided an opportunity for states and school districts to assess the comparative international standing of their students' achievement. The participating states and districts administered the assessments following the same guidelines for the main TIMSS assessments, but separately from the U.S. national sample. State-level data for TIMSS 2011 was released for nine states (AL, CA, CT, CO, FL, IN, MA, MN, and NC).