

# Wisconsin

Reading	Equivalent NAEP grades tested by state in 2005	Skills assessed	AYP standard	Performance standards development	Year standard adopted	Substantive changes to test since 2002-03
	4 and 8	Determine the meaning of words and phrases in context; understand text; analyze text; evaluate and extend text.	Proficient	Educator committee generated standards	2003	None
State standards	The state administered the Wisconsin Knowledge and Concepts Examination (WKCE) in grades 3–8 and 10 in reading and mathematics. Grades 4, 8, and 10 also participated in social studies, science, language arts, and writing. After 1997-98, Wisconsin used four proficiency categories: minimal performance, basic, proficient, and advanced.					
State performance standard for AYP	<p><b>Grade 4.</b> Demonstrates competency in the academic knowledge and skills tested on WKCE. At the beginning of the year, fourth-grade students performing at the proficient level frequently apply a variety of word-identification strategies to understand words and phrases. They demonstrate a sufficient understanding of a variety of grade-level texts by identifying story elements, stated cause and effect relationships, or similarities and differences among ideas or concepts in a text. Students demonstrate more than just literal comprehension by identifying implied themes and implied meanings of information. They make inferences and predictions using both text and visual information and support a summary of what they read with mostly accurate text-based information. Students demonstrate their ability to comprehend a variety of grade-level texts by making connections among ideas within a text as well as between text information and other texts or common experiences.</p> <p><b>Grade 8.</b> Demonstrates competency in the academic knowledge and skills tested on WKCE. At the beginning of the year, eighth-grade students performing at the proficient level appropriately use a range of word-identification strategies and grade-level reading vocabulary to understand text. When reading a variety of texts, students at this level can identify stated and implied ideas and supporting details. They infer the author’s purpose for writing the text and overall style or tone. Students draw conclusions and summarize important ideas and events and provide some relevant, text-based information to support the summary. Students are able to connect or extend concepts in an informational text to a new situation or common experiences. In general, students at the proficient level sufficiently comprehend a variety of grade-level texts and often recognize important ideas and make connections among ideas to demonstrate comprehension.</p>					

Grade	2005 NAEP scale equivalent				2005 NAEP exclusion rates				
	NAEP equivalent at the state standard for AYP	Standard error	Relative error <sup>1</sup>	Correlation between NAEP and state results		English language learners (ELL)	Students with disabilities	Students who are both ELL and with disabilities	
				Unadjusted	Adjusted <sup>2</sup>				
4	189	1.8	1.4	0.64	0.97	1.5	3.6	0.7	
8	229	2.1	1.1	0.80	0.97	1.5	4.2	0.3	

1 Relative error provides a measure of how well the state's standard for AYP maps to the NAEP scale. Values of 1.5 or higher indicate poor mapping of school-level results and comparisons between NAEP and state assessments should be made with caution.

2 Estimate of what the correlation between NAEP and state assessment school-level percentages meeting primary state standards would have been if it were based on a standard set at the student population median and with no school samples having fewer than 30 students.

**State accommodations not allowed on NAEP**

Audiotape version of test, administration by others, tape recorder, speech/text device, multiple sessions, taking the test at a time beneficial to the student, taking the test over multiple days, carrel, and taking the test in a special education classroom.

# Wisconsin

Mathematics	Equivalent NAEP grades tested by state in 2005	Skills assessed	AYP standard	Performance standards development	Year standard adopted	Substantive changes to test since 2002-03
State standards	4 and 8	Numbers and operations, measurement, geometry, and data analysis and probability	Proficient	Educator committee generates standards	2003	None
State performance standard for AYP	<p>The state administered the Wisconsin Knowledge and Concepts Examination (WKCE) in grades 3–8 and 10 in reading and mathematics. Grades 4, 8, and 10 also participated in social studies, science, language arts, and writing. After 1997-98, Wisconsin used four proficiency categories: minimal performance, basic, proficient, and advanced.</p> <p><b>Grade 4.</b> Demonstrates competency in the academic knowledge and skills tested on WKCE. At the beginning of fourth grade, students performing at the proficient level communicate mathematical ideas used to solve problems using written, numerical, and symbolic reasoning. Students apply place value concepts to order four-digit numbers, use basic multiplication facts to solve one-step problems, and identify a fractional part of a set. Students compare the attributes of two-dimensional shapes, predict the results of single motion transformations (slide, flip, turn) involving two-dimensional shapes, and locate and plot points on a first quadrant coordinate grid. Students measure objects using US customary and metric systems of measurement and estimate measurement with non-standard units. Students identify bar graphs that display identical information from tally charts and compare data from tally charts and bar graphs. They recreate numeric patterns and find a missing variable to balance simple equations.</p> <p><b>Grade 8.</b> Demonstrates competency in the academic knowledge and skills tested on WKCE. At the beginning of eighth grade, students performing at the proficient level explain ideas and reason using mathematical terminology, numbers, symbols, graphs or diagrams. Students add, subtract, and multiply mixed numbers and fractions with unlike denominators. Students determine supplementary and complimentary angles, solve problems involving similar figures, and locate and plot coordinates of a transformation on a four quadrant coordinate plane. They use appropriate tools of measurement to measure to the nearest 1/8 inch or millimeter, solve problems involving area, perimeter, and circumference of two-dimensional objects, and find the volume of rectangular prisms. They interpret and compare data contained in double bar graphs and determine the probability of one or two dependent or independent events. They extend functional relationships, solve equations without a calculator, and evaluate algebraic expressions with exponents.</p>					

Grade	2005 NAEP scale equivalent					2005 NAEP exclusion rates			
	NAEP equivalent at the state standard for AYP	Standard error	Relative error <sup>1</sup>	Correlation between NAEP and state results		English language learners (ELL)	Students with disabilities	Students who are both ELL and with disabilities	
				Unadjusted	Adjusted <sup>2</sup>				
4	225	1.4	1.2	0.77	0.93	0.6	1.5	0.2	
8	263	1.4	1.1	0.86	0.93	0.9	3.0	0.2	

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