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National Assessment of Educational Progress (NAEP)

NAEP: Overview

The National Assessment of Educational Progress (NAEP), also known as "the Nation's Report Card," is the only nationally representative and continuing assessment of what America's students know and can do in various subject areas.

Since 2003, the federal No Child Left Behind Act requires the NAEP assessment be given in reading, mathematics and science at grades 4 and 8 every two years. The Tacoma School District participates in the NAEP testing as directed by the Office of Superintendent of Public Instruction (OSPI). NAEP assesses a representative sample of students each year, rather than the entire population of students. In Tacoma School District only randomly selected schools in grades 4 and 8 participate. NAEP does not provide scores for individual students or schools; instead, it offers results at a state and national level.

The purpose of the NAEP is as follows:

- Provide a national assessment that allows educational achievement to be compared across states;
- Identifies the percentages of students in the nation who meet standards for Advanced, Proficient, or Basic performance in a variety of subjects;
- Act as a yardstick for state educators, legislators, and governors so they can gauge the effectiveness of state educational policies;
- Serve as a measurement tool that members of Congress and the President can use to review student progress over time; and,
- Provide a source of information that allows parents to assess the academic performance of students in their state and the nation as a whole.

NAEP: Test Detail

The NAEP test measures both reading and mathematics skills.

NAEP assesses three contexts for **reading**: reading for literary experience, reading for information, and reading to perform a task (reading to perform a task at grade 8 only). In addition to reading within different contexts, NAEP reading comprehension questions are developed to engage the different approaches that readers may take in the process of trying to understand what is being read.

The **mathematics** framework focuses on two dimensions: mathematical content and cognitive demand. Five mathematics content areas are measured including:

- number properties and operations
- measurement
- geometry
- data analysis and probability
- algebra

More information regarding the NAEP:

<http://nces.ed.gov/nationsreportcard/>

NAEP results from OSPI:

<http://www.k12.wa.us/assessment/NAEP/Reports.aspx>

NAEP Report for Washington Grade 4 Reading (2011)

Overall Results		Achievement-Level Percentages and Average Score Results				
<ul style="list-style-type: none"> In 2011, the average score of fourth-grade students in Washington was 221. This was not significantly different from the average score of 220 for public school students in the nation. The average score for students in Washington in 2011 (221) was not significantly different from their average score in 2009 (221) and was higher than their average score in 1994 (213). In 2011, the score gap between students in Washington at the 75th percentile and students at the 25th percentile was 48 points. This performance gap was not significantly different from that of 1994 (50 points). The percentage of students in Washington who performed at or above the NAEP <i>Proficient</i> level was 34 percent in 2011. This percentage was not significantly different from that in 2009 (33 percent) and was greater than that in 1994 (27 percent). The percentage of students in Washington who performed at or above the NAEP <i>Basic</i> level was 67 percent in 2011. This percentage was not significantly different from that in 2009 (68 percent) and was greater than that in 1994 (59 percent). 	Washington					
	1994 ^a	41*	32	21*	6*	213*
	1998 ^a	37	34	23	6*	217*
	1998	36	34	24	6	218
	2002	30	35*	27	8	224
	2003	33	34	26	7	221
2005	30	34	27	8	223	
2007	30	34	27	10	224	
2009	32	34	25	8	221	
2011	33	32	26	8	221	
Nation (public)						
2011	34	34	25	7	220	
		Percent below <i>Basic</i> or at <i>Basic</i>		Percent at <i>Proficient</i> or <i>Advanced</i>		
<p>* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers. ^a Accommodations not permitted. For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.asp.</p> <p>NOTE: Detail may not sum to totals because of rounding.</p>						

NAEP Report for Washington Grade 8 Reading (2011)

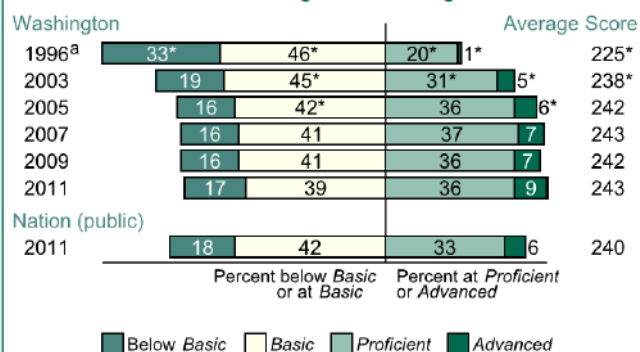
Overall Results		Achievement-Level Percentages and Average Score Results				
<ul style="list-style-type: none"> In 2011, the average score of eighth-grade students in Washington was 268. This was higher than the average score of 264 for public school students in the nation. The average score for students in Washington in 2011 (268) was not significantly different from their average score in 2009 (267) and was higher than their average score in 1998 (264). In 2011, the score gap between students in Washington at the 75th percentile and students at the 25th percentile was 47 points. This performance gap was not significantly different from that of 1998 (43 points). The percentage of students in Washington who performed at or above the NAEP <i>Proficient</i> level was 37 percent in 2011. This percentage was not significantly different from that in 2009 (36 percent) and was greater than that in 1998 (32 percent). The percentage of students in Washington who performed at or above the NAEP <i>Basic</i> level was 77 percent in 2011. This percentage was not significantly different from that in 2009 (78 percent) and in 1998 (76 percent). 	Washington					
	1998 ^a	23	45*	29	2*	265
	1998	24	44	29	2*	264*
	2002	22	41	33	4	268
	2003	24	43	30	3	264*
	2005	25	41	31	3	265
2007	23	43	31	3*	265	
2009	22	42	32	4	267	
2011	23	40	32	5	268	
Nation (public)						
2011	25	43	29	3	264	
		Percent below <i>Basic</i> or at <i>Basic</i>		Percent at <i>Proficient</i> or <i>Advanced</i>		
<p>* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers. ^a Accommodations not permitted. For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.asp.</p> <p>NOTE: Detail may not sum to totals because of rounding.</p>						

NAEP Report for Washington Grade 4 Mathematics (2011)

Overall Results

- In 2011, the average score of fourth-grade students in Washington was 243. This was higher than the average score of 240 for public school students in the nation.
- The average score for students in Washington in 2011 (243) was not significantly different from their average score in 2009 (242) and was higher than their average score in 1996 (225).
- In 2011, the score gap between students in Washington at the 75th percentile and students at the 25th percentile was 41 points. This performance gap was not significantly different from that of 1996 (39 points).
- The percentage of students in Washington who performed at or above the NAEP *Proficient* level was 45 percent in 2011. This percentage was not significantly different from that in 2009 (43 percent) and was greater than that in 1996 (21 percent).
- The percentage of students in Washington who performed at or above the NAEP *Basic* level was 83 percent in 2011. This percentage was not significantly different from that in 2009 (84 percent) and was greater than that in 1996 (67 percent).

Achievement-Level Percentages and Average Score Results



* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers.

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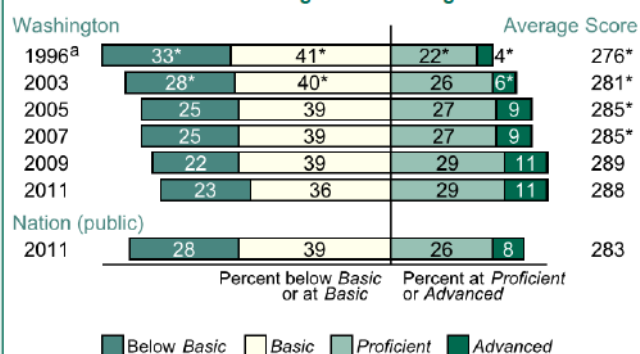
NOTE: Detail may not sum to totals because of rounding.

NAEP Report for Washington Grade 8 Mathematics (2011)

Overall Results

- In 2011, the average score of eighth-grade students in Washington was 288. This was higher than the average score of 283 for public school students in the nation.
- The average score for students in Washington in 2011 (288) was not significantly different from their average score in 2009 (289) and was higher than their average score in 1996 (276).
- In 2011, the score gap between students in Washington at the 75th percentile and students at the 25th percentile was 50 points. This performance gap was not significantly different from that of 1996 (47 points).
- The percentage of students in Washington who performed at or above the NAEP *Proficient* level was 40 percent in 2011. This percentage was not significantly different from that in 2009 (39 percent) and was greater than that in 1996 (26 percent).
- The percentage of students in Washington who performed at or above the NAEP *Basic* level was 77 percent in 2011. This percentage was not significantly different from that in 2009 (78 percent) and was greater than that in 1996 (67 percent).

Achievement-Level Percentages and Average Score Results



* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers.

^a Accommodations not permitted. For information about NAEP accommodations, see <http://nces.ed.gov/nationsreportcard/about/inclusion.asp>.

NOTE: Detail may not sum to totals because of rounding.