



2009 Nation's Report Card Math Results for 4th and 8th Grade

The 2009 Math results from the National Assessment of Educational Progress (NAEP) were released and showed little to no progress for students in 4th and 8th grade. The math test was administered in early 2009 to 330,500 students in the 4th and 8th grade in public and private schools.

National Results in Math

	2009	2007	Difference
4th Grade	240	240	0
8th Grade	283	281	+2

Highlights from 2009 NAEP Math Results

- The 4th grade math score remained the same from 2007. This is the first time in NAEP history this has happened.
- Only 39% of public school 4th graders scored proficient or above in math, the same as in 2007
- No change in the achievement gap for either blacks or Hispanics vs. whites since 2005
- There has not been a statistically significant change in the achievement gap since 1990 for 4th or 8th graders
- Since 2003, 8th grade math scores have only increased by 5 points
- Public school eighth graders were 32% proficient or advanced in math, only a 1% increase since 2007



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States of Interest

- In 4th grade math, 8 states increased scores and 4 states decreased
- DC was the only state to increase scores overall and in each subgroup. However, DC scores are far below every other state and the national public school average of 239. In 4th grade, DC scores increased from 214 to 219, hardly a monumental jump. In 8th grade math, scores went from 248 to 254, but the national average is 282.
- Massachusetts has the highest scores in both 4th grade and 8th grade math, also higher than the national average, probably due to their rigorous state exam, which is closely aligned to the NAEP test.
- Connecticut had the highest score increase in 8th grade math, increasing 7 points to 289, and in 4th grade math, Kentucky and Maryland both increased by 4 points to 239 and 244 respectively.

See also:

- CER Press Release: [Lack of Math Proficiency Underscores the Need for School Options](#), October 14, 2009
- [Grading Schools](#): Education achievement in America

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National Assessment of Educational Progress

2009 Math Results State by State

With the release of the 2009 National Assessment for Educational Progress (NAEP) math results, The Center for Education Reform offers the following data in an easy to read format. For additional questions or information, please contact CER directly at 800-521-2118.

The 2009 NAEP test was taken by 330,000 students in the 4th and 8th grade across the US earlier this year (the results for reading and science will be released in early 2010). In math students were assessed in five content areas and were scored between 0 and 500.

Achievement levels (advanced, proficient, basic, below basic) are set by the National Assessment Governing Board based on recommendations from policymakers and educators. Basic denotes partial mastery of prerequisite knowledge and skills, proficient represents solid academic performance, and advanced represents superior performance.

National Scores

4th Grade Math

39% Proficient & Above
43% Basic
19% Below Basic

8th Grade Math

32% Proficient & Above
39% Basic
29% Below Basic

State Scores

Alabama

4th Grade Math

24% Proficient & Above
46% Basic
30% Below Basic

8th Grade Math

21% Proficient & Above
38% Basic
42% Below Basic





Alaska

4th Grade Math

38% Proficient & Above
41% Basic
22% Below Basic

8th Grade Math

33% Proficient & Above
41% Basic
25% Below Basic

Arizona

4th Grade Math

28% Proficient & Above
43% Basic
29% Below Basic

8th Grade Math

29% Proficient & Above
38% Basic
33% Below Basic

Arkansas

4th Grade Math

36% Proficient & Above
44% Basic
20% Below Basic

8th Grade Math

27% Proficient & Above
40% Basic
33% Below Basic

California

4th Grade Math

30% Proficient & Above
41% Basic
28% Below Basic

8th Grade Math

23% Proficient & Above
36% Basic
41% Below Basic

Colorado

4th Grade Math

45% Proficient & Above
39% Basic
16% Below Basic

8th Grade Math

40% Proficient & Above
36% Basic
24% Below Basic





Connecticut

4th Grade Math

46% Proficient & Above
39% Basic
14% Below Basic

8th Grade Math

40% Proficient & Above
38% Basic
22% Below Basic

Delaware

4th Grade Math

36% Proficient & Above
47% Basic
16% Below Basic

8th Grade Math

32% Proficient & Above
44% Basic
25% Below Basic

Florida

4th Grade Math

40% Proficient & Above
46% Basic
14% Below Basic

8th Grade Math

29% Proficient & Above
41% Basic
30% Below Basic

Georgia

4th Grade Math

34% Proficient & Above
44% Basic
22% Below Basic

8th Grade Math

26% Proficient & Above
40% Basic
33% Below Basic

Hawaii

4th Grade Math

37% Proficient & Above
41% Basic
23% Below Basic

8th Grade Math

25% Proficient & Above
40% Basic
35% Below Basic





Idaho

4th Grade Math

41% Proficient & Above
44% Basic
15% Below Basic

8th Grade Math

38% Proficient & Above
40% Basic
22% Below Basic

Illinois

4th Grade Math

38% Proficient & Above
42% Basic
20% Below Basic

8th Grade Math

33% Proficient & Above
40% Basic
27% Below Basic

Indiana

4th Grade Math

41% Proficient & Above
46% Basic
13% Below Basic

8th Grade Math

36% Proficient & Above
42% Basic
22% Below Basic

Iowa

4th Grade Math

41% Proficient & Above
45% Basic
13% Below Basic

8th Grade Math

34% Proficient & Above
42% Basic
24% Below Basic

Kansas

4th Grade Math

46% Proficient & Above
43% Basic
11% Below Basic

8th Grade Math

39% Proficient & Above
40% Basic
21% Below Basic





Kentucky

4th Grade Math

37% Proficient & Above
44% Basic
19% Below Basic

8th Grade Math

27% Proficient & Above
43% Basic
30% Below Basic

Louisiana

4th Grade Math

23% Proficient & Above
49% Basic
28% Below Basic

8th Grade Math

20% Proficient & Above
42% Basic
38% Below Basic

Maine

4th Grade Math

45% Proficient & Above
42% Basic
13% Below Basic

8th Grade Math

35% Proficient & Above
42% Basic
22% Below Basic

Maryland

4th Grade Math

44% Proficient & Above
41% Basic
15% Below Basic

8th Grade Math

40% Proficient & Above
35% Basic
25% Below Basic

Massachusetts

4th Grade Math

57% Proficient & Above
36% Basic
8% Below Basic

8th Grade Math

51% Proficient & Above
34% Basic
15% Below Basic





Michigan

4th Grade Math

35% Proficient & Above
43% Basic
22% Below Basic

8th Grade Math

31% Proficient & Above
37% Basic
32% Below Basic

Minnesota

4th Grade Math

53% Proficient & Above
35% Basic
11% Below Basic

8th Grade Math

47% Proficient & Above
36% Basic
17% Below Basic

Mississippi

4th Grade Math

23% Proficient & Above
47% Basic
31% Below Basic

8th Grade Math

16% Proficient & Above
39% Basic
46% Below Basic

Missouri

4th Grade Math

41% Proficient & Above
42% Basic
17% Below Basic

8th Grade Math

36% Proficient & Above
41% Basic
23% Below Basic

Montana

4th Grade Math

46% Proficient & Above
43% Basic
12% Below Basic

8th Grade Reading

44% Proficient & Above
39% Basic
18% Below Basic





Nebraska

4th Grade Math

38% Proficient & Above
44% Basic
18% Below Basic

8th Grade Math

35% Proficient & Above
40% Basic
25% Below Basic

Nevada

4th Grade Math

32% Proficient & Above
46% Basic
21% Below Basic

8th Grade Math

25% Proficient & Above
38% Basic
37% Below Basic

New Hampshire

4th Grade Math

56% Proficient & Above
36% Basic
8% Below Basic

8th Grade Math

43% Proficient & Above
38% Basic
18% Below Basic

New Jersey

4th Grade Math

49% Proficient & Above
39% Basic
12% Below Basic

8th Grade Math

44% Proficient & Above
36% Basic
20% Below Basic

New Mexico

4th Grade Math

26% Proficient & Above
46% Basic
28% Below Basic

8th Grade Math

20% Proficient & Above
39% Basic
41% Below Basic





New York

4th Grade Math

40% Proficient & Above
43% Basic
17% Below Basic

8th Grade Math

34% Proficient & Above
39% Basic
27% Below Basic

North Carolina

4th Grade Math

43% Proficient & Above
43% Basic
13% Below Basic

8th Grade Math

35% Proficient & Above
38% Basic
26% Below Basic

North Dakota

4th Grade Math

45% Proficient & Above
47% Basic
9% Below Basic

8th Grade Math

43% Proficient & Above
43% Basic
14% Below Basic

Ohio

4th Grade Math

46% Proficient & Above
40% Basic
15% Below Basic

8th Grade Math

36% Proficient & Above
40% Basic
24% Below Basic

Oklahoma

4th Grade Math

33% Proficient & Above
49% Basic
18% Below Basic

8th Grade Math

23% Proficient & Above
44% Basic
32% Below Basic





Oregon

4th Grade Math

37% Proficient & Above
43% Basic
20% Below Basic

8th Grade Math

36% Proficient & Above
38% Basic
25% Below Basic

Pennsylvania

4th Grade Math

46% Proficient & Above
39% Basic
16% Below Basic

8th Grade Math

40% Proficient & Above
38% Basic
22% Below Basic

Rhode Island

4th Grade Math

39% Proficient & Above
42% Basic
19% Below Basic

8th Grade Math

28% Proficient & Above
41% Basic
32% Below Basic

South Carolina

4th Grade Math

34% Proficient & Above
44% Basic
22% Below Basic

8th Grade

30% Proficient & Above
39% Basic
31% Below Basic

South Dakota

4th Grade Math

42% Proficient & Above
44% Basic
14% Below Basic

8th Grade Math

41% Proficient & Above
41% Basic
17% Below Basic





Tennessee

4th Grade Math

29% Proficient & Above
46% Basic
26% Below Basic

8th Grade Math

25% Proficient & Above
39% Basic
35% Below Basic

Texas

4th Grade Math

38% Proficient & Above
47% Basic
15% Below Basic

8th Grade Math

36% Proficient & Above
41% Basic
22% Below Basic

Utah

4th Grade Math

41% Proficient & Above
40% Basic
19% Below Basic

8th Grade Math

36% Proficient & Above
40% Basic
25% Below Basic

Vermont

4th Grade Math

50% Proficient & Above
38% Basic
11% Below Basic

8th Grade Math

44% Proficient & Above
38% Basic
19% Below Basic

Virginia

4th Grade Math

42% Proficient & Above
43% Basic
15% Below Basic

8th Grade Math

35% Proficient & Above
41% Basic
24% Below Basic





Washington

4th Grade Math

43% Proficient & Above
41% Basic
16% Below Basic

8th Grade Math

40% Proficient & Above
39% Basic
22% Below Basic

Washington, DC

4th Grade Math

17% Proficient & Above
39% Basic
44% Below Basic

8th Grade Math

11% Proficient & Above
29% Basic
60% Below Basic

West Virginia

4th Grade Math

28% Proficient & Above
49% Basic
23% Below Basic

8th Grade Math

19% Proficient & Above
41% Basic
39% Below Basic

Wisconsin

4th Grade Math

45% Proficient & Above
40% Basic
15% Below Basic

8th Grade Math

39% Proficient & Above
40% Basic
21% Below Basic

Wyoming

4th Grade Math

40% Proficient & Above
47% Basic
13% Below Basic

8th Grade Math

35% Proficient & Above
43% Basic
22% Below Basic

