

Math Progress Index

SCORE	PERFORMANCE				IMPROVEMENT				
	4th Grade Math (2009)	8th Grade Math (2009)	Math Poverty Gap 8th Grade (2009)	Math Advanced Placement (2008)	4th Grade Math (2003 to 2009)	8th Grade Math (2003 to 2009)	Math Poverty Gap 8th Grade (2003 to 2009)	Math Advanced Placement (2000 to 2008)	
	Percent "proficient" or above on NAEP	Percent "proficient" or above on NAEP	National School Lunch Program noneligible minus eligible (NAEP scale-score difference)	High test scores (3 or above) per 100 students in grades 11 and 12	Scale-score change on NAEP	Scale-score change on NAEP	Change in NAEP scale scores (negative value = narrowing gap)	Percentage increase in high scores per 100 students in grades 11 and 12	
MASSACHUSETTS	78.2	56.8%	51.7%	29.3	4.9	+10.6	+12.3	-4.4	62%
MARYLAND	75.1	43.7	40.1	30.9	7.0	+10.7	+10.6	+0.8	89
NEW HAMPSHIRE	75.1	55.7	43.3	20.2	4.6	+8.0	+6.1	-1.2	172
NEW JERSEY	72.9	48.8	44.4	30.4	4.8	+7.8	+11.3	-4.1	31
MINNESOTA	72.2	53.8	46.9	29.0	3.7	+7.5	+3.8	+3.3	114
VERMONT	71.3	50.7	43.5	23.0	3.8	+5.8	+7.2	0.0	98
COLORADO	70.9	45.2	39.7	30.2	4.1	+7.9	+4.0	+0.2	97
SOUTH DAKOTA	69.7	41.8	41.5	21.0	2.6	+4.8	+5.7	+1.6	112
FLORIDA	69.1	40.4	29.0	20.4	3.0	+8.2	+8.0	-7.9	36
NORTH DAKOTA	68.9	44.5	43.1	18.0	1.2	+7.6	+5.7	+0.6	84
IDAHO	68.6	40.5	38.4	18.0	1.9	+6.1	+7.4	-1.9	94
INDIANA	68.4	41.6	36.2	21.6	2.4	+4.6	+5.6	-0.2	91
WISCONSIN	68.3	45.1	39.3	27.6	3.4	+6.8	+4.2	-5.7	73
PENNSYLVANIA	68.3	45.5	39.8	29.7	2.6	+7.6	+9.8	-1.3	47
MAINE	68.0	45.0	35.3	21.8	3.9	+6.8	+4.5	+2.2	137
RHODE ISLAND	68.0	39.4	27.8	26.5	1.7	+8.5	+5.9	-4.0	80
NEW YORK	67.9	40.2	33.7	23.1	4.3	+4.7	+2.8	-7.9	17
UTAH	67.5	41.2	35.1	22.0	4.1	+5.5	+3.4	+2.1	10
KENTUCKY	67.1	36.5	27.2	21.9	2.2	+10.1	+5.0	-0.6	114
DELAWARE	67.0	36.4	31.7	20.7	4.3	+3.6	+6.7	-3.2	106
VIRGINIA	66.8	42.5	35.6	26.2	4.7	+3.9	+4.4	-1.1	30
MISSOURI	66.8	41.1	35.5	22.1	2.0	+5.8	+7.0	-0.8	187
CALIFORNIA	66.0	30.2	23.4	26.8	4.0	+4.2	+3.4	-3.0	56
MONTANA	65.9	45.5	43.6	22.2	1.4	+8.6	+5.6	+3.5	98
KANSAS	65.7	46.3	39.5	22.7	1.8	+3.6	+4.4	+2.1	132
GEORGIA	65.7	33.8	26.8	25.8	3.2	+5.8	+7.9	-6.1	86
ILLINOIS	65.4	37.6	33.1	30.2	3.8	+5.4	+5.3	-3.9	47
WASHINGTON	65.0	43.2	39.4	28.2	3.2	+4.0	+7.6	+5.6	123
WYOMING	64.7	40.5	34.7	17.3	1.4	+0.9	+2.6	0.0	76
TEXAS	64.6	38.4	36.2	23.7	3.0	+3.2	+9.6	-0.2	78
CONNECTICUT	64.5	46.2	39.8	34.1	4.3	+4.1	+4.9	+2.2	80
ALASKA	64.5	37.8	33.5	22.8	2.8	+4.2	+4.0	-2.4	57
OHIO	64.2	45.3	35.7	25.7	2.5	+5.9	+4.0	+0.4	73
IOWA	63.8	41.4	33.9	23.2	1.5	+4.1	+0.2	-0.6	76
NEVADA	63.2	32.1	24.8	17.2	2.3	+7.6	+6.1	-2.9	104
NORTH CAROLINA	63.2	43.2	35.6	30.2	4.5	+1.7	+3.1	+2.3	79
NEBRASKA	62.7	37.9	34.6	27.3	1.2	+2.5	+2.1	+2.3	154
ARKANSAS	62.3	36.3	27.0	25.7	1.5	+8.5	+10.2	+5.6	124
OKLAHOMA	61.8	32.7	23.8	18.8	1.5	+7.7	+3.8	-3.0	51
MICHIGAN	61.7	35.1	30.5	28.9	2.9	+0.6	+1.8	+1.4	58
HAWAII	60.2	36.7	25.3	20.8	1.4	+8.8	+8.0	-0.1	39
ALABAMA	59.9	24.5	20.4	26.8	1.0	+4.6	+6.6	-2.6	84
OREGON	59.7	37.1	36.6	25.8	1.9	+1.7	+4.1	+6.0	89
SOUTH CAROLINA	58.9	34.0	30.2	26.0	3.6	-0.1	+3.1	0.0	38
TENNESSEE	58.8	28.4	25.2	24.0	1.5	+4.1	+6.6	-4.5	28
WEST VIRGINIA	57.0	28.1	19.4	18.2	1.0	+2.2	-0.4	-0.4	43
DISTRICT OF COLUMBIA	56.5	17.0	11.2	24.4	1.1	+14.3	+10.5	+6.0	45
NEW MEXICO	56.3	26.2	20.2	23.5	1.3	+7.5	+6.4	+0.8	48
ARIZONA	53.5	28.0	29.0	29.3	1.5	+1.1	+6.2	+4.8	57
MISSISSIPPI	51.7	22.2	15.2	26.9	0.4	+4.4	+4.1	+2.7	69
LOUISIANA	51.6	22.8	20.3	24.8	0.4	+3.2	+6.1	+0.8	50
U.S.¹	64.7	38.4%	32.6%	26.9	3.2	+5.1	+5.6	-1.5	62%

Note: States are ordered based on unrounded values for the Math Progress Index.

¹ Values in the U.S. row report results for the nation as a whole, if it had been treated as a state.

SOURCE: EPE Research Center, 2010

OPPORTUNITY				
	Algebra by 8th Grade (2009)	Subject Expertise of Math Teacher (2009)	Experience of Math Teacher (2009)	Targeting Teacher Talent 8th Grade (2009)
	Percent of 8th graders in schools where algebra by 8th grade is the norm	Percent of 8th graders whose teachers have a major or minor in math	Percent of 8th graders whose teachers have taught math for 10 or more years	Percentage-point gap in experienced math teachers for students eligible vs. noneligible for the National School Lunch Program (lower value = smaller gap)
	24%	58%	44%	4%
	26	65	41	8
	5	53	53	4
	18	69	46	11
	18	72	50	4
	2	63	55	3
	27	69	43	3
	10	66	59	4
	24	43	42	0
	1	57	62	-3
	10	51	53	1
	13	63	55	1
	6	59	58	10
	20	61	56	17
	6	53	50	4
	13	81	55	7
	11	77	49	15
	30	50	48	1
	14	55	56	4
	15	52	33	2
	13	63	46	4
	10	46	43	4
	54	50	41	14
	8	45	57	7
	15	51	51	10
	20	51	37	4
	17	64	50	15
	12	49	49	6
	7	59	65	6
	6	60	37	5
	13	62	48	16
	4	64	54	8
	8	61	45	7
	5	67	54	-1
	0	55	39	3
	8	57	50	9
	13	67	56	13
	4	59	44	3
	5	53	51	4
	21	64	51	8
	6	54	36	10
	6	63	52	1
	16	48	47	10
	6	53	46	9
	10	48	42	5
	4	54	58	4
	8	50	34	-8
	4	67	44	23
	2	50	35	2
	8	55	33	5
	7	27	43	6
	18%	57%	45%	9%

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