

**Table 124. Mathematics average scale score and performance and selected statistics on mathematics education for 4th-graders in public schools, by state or jurisdiction: 1992, 2000, and 2003**

State or jurisdiction	Average scale score			Percent attaining mathematics achievement levels, <sup>1</sup> 2003				Percent of students with 3 or more hours of math instruction each week, 2003	Percent of students, 2003	
	1992	2000	2003	Below basic	Basic or above <sup>2</sup>	Proficient or above <sup>3</sup>	Advanced <sup>4</sup>		Spending 30 minutes or more on math homework each day <sup>5</sup>	Watching 6 hours or more of television each day
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>219 (0.8)</b>	<b>224 (1.0)</b>	<b>234 (0.2)</b>	<b>24 (0.3)</b>	<b>76 (0.3)</b>	<b>31 (0.3)</b>	<b>4 (0.1)</b>	<b>56 (1.0)</b>	<b>49</b>	<b>21 (0.2)</b>
Alabama .....	208 (1.6)	217 (1.2)	223 (1.2)	35 (1.7)	65 (1.7)	19 (1.5)	1 (0.2)	41 (4.7)	47	22 (1.1)
Alaska .....	— (—)	— (—)	233 (0.8)	25 (1.2)	75 (1.2)	30 (1.1)	4 (0.5)	68 (4.2)	—	— (—)
Arizona .....	215 (1.1)	219 (1.3)	229 (1.1)	30 (1.5)	70 (1.5)	25 (1.4)	2 (0.3)	70 (4.5)	52	19 (1.0)
Arkansas .....	210 (0.9)	216 (1.1)	229 (0.9)	29 (1.3)	71 (1.3)	26 (1.1)	2 (0.4)	57 (5.3)	51	24 (1.0)
California <sup>6</sup> .....	208 (1.6)	213 (1.6)	227 (0.9)	33 (1.1)	67 (1.1)	25 (1.3)	3 (0.5)	43 (5.1)	56	20 (0.7)
Colorado .....	221 (1.0)	— (—)	235 (1.0)	23 (1.3)	77 (1.3)	34 (1.5)	4 (0.5)	55 (4.5)	50	15 (0.8)
Connecticut .....	227 (1.1)	234 (1.1)	241 (0.8)	18 (0.9)	82 (0.9)	41 (1.5)	5 (0.5)	73 (3.8)	42	21 (0.8)
Delaware .....	218 (0.8)	— (—)	236 (0.5)	19 (1.1)	81 (1.1)	31 (0.9)	3 (0.4)	51 (0.6)	49	25 (0.7)
District of Columbia .....	193 (0.5)	192 (1.1)	205 (0.7)	64 (1.1)	36 (1.1)	7 (0.6)	1 (0.2)	54 (0.6)	52	32 (1.0)
Florida .....	214 (1.5)	— (—)	234 (1.1)	24 (1.4)	76 (1.4)	31 (1.3)	4 (0.5)	41 (5.3)	50	26 (1.0)
Georgia .....	216 (1.2)	219 (1.1)	230 (1.0)	28 (1.2)	72 (1.2)	27 (1.3)	3 (0.5)	42 (5.3)	48	23 (1.1)
Hawaii .....	214 (1.3)	216 (1.0)	227 (1.0)	32 (1.4)	68 (1.4)	23 (1.2)	2 (0.3)	63 (4.7)	58	23 (1.1)
Idaho <sup>6</sup> .....	222 (1.0)	224 (1.4)	235 (0.7)	20 (1.0)	80 (1.0)	31 (1.1)	2 (0.4)	66 (4.6)	49	14 (0.6)
Illinois <sup>6</sup> .....	— (—)	223 (1.9)	233 (1.1)	27 (1.2)	73 (1.2)	32 (1.6)	5 (0.7)	68 (4.2)	50	21 (0.9)
Indiana <sup>6</sup> .....	221 (1.0)	233 (1.1)	238 (0.9)	18 (1.0)	82 (1.0)	35 (1.4)	4 (0.5)	69 (4.8)	50	23 (0.9)
Iowa <sup>6</sup> .....	230 (1.0)	231 (1.2)	238 (0.7)	17 (1.0)	83 (1.0)	36 (1.2)	3 (0.5)	64 (4.5)	46	17 (1.0)
Kansas <sup>6</sup> .....	— (—)	232 (1.6)	242 (1.0)	15 (1.2)	85 (1.2)	41 (1.6)	6 (0.8)	48 (4.8)	48	19 (1.1)
Kentucky .....	215 (1.0)	219 (1.4)	229 (1.1)	28 (1.6)	72 (1.6)	22 (1.4)	2 (0.3)	49 (5.3)	49	24 (0.8)
Louisiana .....	204 (1.5)	218 (1.4)	226 (1.0)	33 (1.8)	67 (1.8)	21 (1.2)	2 (0.4)	49 (5.6)	43	24 (1.2)
Maine <sup>6</sup> .....	232 (1.0)	230 (1.0)	238 (0.7)	17 (1.3)	83 (1.3)	34 (1.3)	3 (0.5)	72 (4.1)	46	15 (0.9)
Maryland .....	217 (1.3)	222 (1.2)	233 (1.3)	27 (1.4)	73 (1.4)	31 (1.7)	5 (0.8)	61 (4.1)	42	25 (1.1)
Massachusetts .....	227 (1.2)	233 (1.2)	242 (0.8)	16 (1.0)	84 (1.0)	41 (1.4)	6 (0.6)	67 (4.1)	47	19 (0.7)
Michigan <sup>6</sup> .....	220 (1.7)	229 (1.6)	236 (0.9)	23 (1.0)	77 (1.0)	34 (1.4)	5 (0.5)	75 (4.4)	46	22 (0.9)
Minnesota <sup>6</sup> .....	228 (0.9)	234 (1.3)	242 (0.9)	16 (0.9)	84 (0.9)	42 (1.6)	7 (0.8)	56 (5.1)	48	15 (0.8)
Mississippi .....	202 (1.1)	211 (1.1)	223 (1.0)	38 (2.0)	62 (2.0)	17 (1.1)	1 (0.2)	53 (5.1)	51	24 (1.0)
Missouri .....	222 (1.2)	228 (1.2)	235 (0.9)	21 (1.2)	79 (1.2)	30 (1.4)	3 (0.5)	68 (4.5)	49	21 (1.0)
Montana <sup>6</sup> .....	— (—)	228 (1.7)	236 (0.8)	19 (1.2)	81 (1.2)	31 (1.6)	2 (0.4)	70 (3.8)	49	13 (0.7)
Nebraska .....	225 (1.2)	225 (1.8)	236 (0.8)	20 (1.0)	80 (1.0)	34 (1.2)	3 (0.5)	71 (4.7)	51	19 (1.1)
Nevada .....	— (—)	220 (1.0)	228 (0.8)	31 (1.4)	69 (1.4)	23 (1.0)	1 (0.2)	65 (4.5)	47	19 (0.8)
New Hampshire .....	230 (1.2)	— (—)	243 (0.9)	13 (1.0)	87 (1.0)	43 (1.4)	6 (0.5)	74 (3.7)	45	15 (0.8)
New Jersey .....	227 (1.5)	— (—)	239 (1.1)	20 (1.4)	80 (1.4)	39 (1.4)	5 (0.8)	74 (4.0)	45	20 (1.1)
New Mexico .....	213 (1.4)	213 (1.5)	223 (1.1)	37 (1.8)	63 (1.8)	17 (1.1)	1 (0.3)	54 (5.1)	55	18 (0.8)
New York <sup>6</sup> .....	218 (1.2)	225 (1.4)	236 (0.9)	21 (1.0)	79 (1.0)	33 (1.4)	4 (0.5)	63 (4.2)	47	23 (1.0)
North Carolina .....	213 (1.1)	230 (1.1)	242 (0.8)	15 (0.8)	85 (0.8)	41 (1.4)	6 (0.6)	58 (4.8)	50	20 (0.8)
North Dakota .....	229 (0.8)	230 (1.2)	238 (0.7)	17 (1.1)	83 (1.1)	34 (1.1)	2 (0.4)	77 (3.4)	48	14 (0.7)
Ohio <sup>6</sup> .....	219 (1.2)	230 (1.5)	238 (1.0)	19 (1.4)	81 (1.4)	36 (1.7)	4 (0.5)	60 (4.7)	45	21 (1.0)
Oklahoma .....	220 (1.0)	224 (1.0)	229 (1.0)	26 (1.5)	74 (1.5)	23 (1.4)	1 (0.3)	64 (4.7)	48	21 (1.0)
Oregon <sup>6</sup> .....	— (—)	224 (1.8)	236 (0.9)	21 (1.2)	79 (1.2)	33 (1.4)	4 (0.5)	58 (4.6)	49	16 (0.8)
Pennsylvania .....	224 (1.3)	— (—)	236 (1.1)	22 (1.4)	78 (1.4)	36 (1.6)	4 (0.5)	68 (4.9)	41	23 (1.0)
Rhode Island .....	215 (1.5)	224 (1.1)	230 (1.0)	28 (1.4)	72 (1.4)	28 (1.4)	3 (0.5)	68 (4.7)	44	19 (1.0)
South Carolina .....	212 (1.1)	220 (1.4)	236 (0.9)	21 (1.2)	79 (1.2)	32 (1.5)	4 (0.5)	60 (5.0)	47	25 (0.9)
South Dakota .....	— (—)	— (—)	237 (0.7)	18 (1.0)	82 (1.0)	34 (1.3)	3 (0.4)	69 (3.2)	55	14 (0.8)
Tennessee .....	211 (1.4)	220 (1.4)	228 (1.0)	30 (1.6)	70 (1.6)	24 (1.1)	2 (0.4)	61 (4.4)	50	23 (0.9)
Texas .....	218 (1.2)	231 (1.1)	237 (0.9)	18 (1.2)	82 (1.2)	33 (1.4)	4 (0.5)	41 (4.6)	53	19 (0.9)
Utah .....	224 (1.0)	227 (1.3)	235 (0.8)	21 (1.1)	79 (1.1)	31 (1.3)	2 (0.4)	51 (5.4)	46	15 (0.8)
Vermont <sup>6</sup> .....	— (—)	232 (1.6)	242 (0.8)	15 (1.1)	85 (1.1)	42 (1.2)	5 (0.5)	71 (2.4)	47	14 (0.9)
Virginia .....	221 (1.3)	230 (1.0)	239 (1.1)	17 (1.2)	83 (1.2)	36 (1.8)	5 (0.8)	57 (5.0)	46	23 (1.0)
Washington .....	— (—)	— (—)	238 (1.0)	19 (1.1)	81 (1.1)	36 (1.5)	5 (0.6)	47 (4.6)	51	17 (0.9)
West Virginia .....	215 (1.1)	223 (1.3)	231 (0.8)	25 (1.4)	75 (1.4)	24 (1.2)	2 (0.4)	63 (4.9)	47	22 (0.9)
Wisconsin <sup>6</sup> .....	229 (1.1)	— (—)	237 (0.9)	21 (1.3)	79 (1.3)	35 (1.3)	4 (0.5)	71 (4.8)	49	17 (0.7)
Wyoming .....	225 (0.9)	229 (1.1)	241 (0.6)	13 (0.8)	87 (0.8)	39 (1.1)	4 (0.4)	64 (0.7)	56	15 (0.7)
Department of Defense dependents schools:										
Domestic schools .....	— (—)	228 (1.4)	237 (0.7)	16 (1.1)	84 (1.1)	30 (1.5)	2 (0.6)	75 (0.9)	51	21 (1.2)
Overseas schools .....	— (—)	226 (0.9)	237 (0.5)	16 (0.7)	84 (0.7)	31 (1.1)	2 (0.4)	75 (0.6)	52	18 (0.6)
<b>Outlying areas</b>										
American Samoa .....	— (—)	152 (2.5)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	—	— (—)
Guam .....	193 (0.8)	184 (1.7)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	—	— (—)
Virgin Islands .....	— (—)	181 (1.8)	— (—)	— (—)	— (—)	— (—)	— (—)	— (—)	—	— (—)

—Jurisdiction did not participate.

<sup>1</sup> Achievement levels are in trial status.

<sup>2</sup> This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 4th grade.

<sup>3</sup> This level represents solid academic mastery for 4th-graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.

<sup>4</sup> This level signifies superior performance.

<sup>5</sup> Percent of students who report spending 30 minutes, 45 minutes, 1 hour, and over 1 hour on mathematics homework each day.

<sup>6</sup> Did not meet one or more of the guidelines for school sample participation rates in 2000. Data are subject to appreciable nonresponse bias.

NOTE: Excludes students unable to be tested due to limited proficiency in English or due to a disability. These test scores are from the National Assessment of Educational Progress (NAEP). Forty-three jurisdictions (states, the District of Columbia, and Department of Defense Schools) participated in the 2000 State Assessment of 4th-graders and met student and school participation criteria for reporting results. Fifty-three jurisdictions participated in the 2003 state assessment and met student and school participation criteria for reporting results. Data for 2000 and 2003 are for situations where student accommodations for the testing were permitted. Detail may not sum to totals due to rounding. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Assessment of Educational Progress (NAEP), The Nation's Report Card: Mathematics, 2000 and 2003*, and unpublished data, prepared by Educational Testing Service; NAEP Data Tool (<http://nces.ed.gov/nationsreportcard/>). (This table was prepared August 2004.)