

**Table 127.—Mathematics proficiency and selected statistics on mathematics education for 4th-graders in public schools, by region and state: 1996 and 2000**

Region and state	Average proficiency		Percent attaining mathematics achievement levels, <sup>1</sup> 2000				Percent of students with 3 or more hours of math instruction each week, 2000	Percent of students, 2000		
	1996	2000	Below basic	Basic or above <sup>2</sup>	Proficient or above <sup>3</sup>	Advanced or above <sup>4</sup>		Spending 30 minutes or more on math homework each day <sup>5</sup>	Agree mathematics is useful for solving everyday problems	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>222 (1.0)</b>	<b>226 (1.0)</b>	<b>33 (1.2)</b>	<b>67 (1.2)</b>	<b>25 (1.2)</b>	<b>2 (0.3)</b>	<b>71 (2.4)</b>	<b>50</b>	<b>70 (0.8)</b>	<b>19 (0.9)</b>
Region										
Northeast .....	226 (2.6)	229 (1.8)	29 (2.0)	71 (2.0)	27 (2.6)	3 (0.9)	79 (4.5)	46	73 (1.6)	18 (2.3)
Southeast .....	216 (2.5)	220 (2.3)	41 (3.4)	59 (3.4)	19 (2.1)	1 (0.4)	67 (3.8)	52	68 (1.3)	25 (1.6)
Central .....	230 (2.0)	231 (1.5)	27 (1.8)	73 (1.8)	29 (2.2)	3 (0.6)	67 (6.3)	49	70 (1.5)	17 (2.0)
West .....	219 (2.1)	225 (2.1)	35 (2.5)	65 (2.5)	24 (2.3)	3 (0.5)	70 (4.9)	51	70 (1.7)	17 (1.2)
State										
Alabama .....	212 (1.2)	218 (1.4)	43 (2.1)	57 (2.1)	14 (1.3)	1 (0.2)	65 (5.7)	60	68 (1.2)	23 (1.5)
Alaska .....	224 (1.3)	—	—	—	—	—	—	—	—	—
Arizona .....	218 (1.7)	219 (1.4)	42 (1.9)	58 (1.9)	17 (1.6)	2 (0.5)	76 (4.4)	49	67 (1.2)	13 (1.0)
Arkansas .....	216 (1.5)	217 (1.1)	44 (1.9)	56 (1.9)	13 (1.1)	1 (0.2)	60 (5.6)	54	68 (1.3)	24 (1.3)
California <sup>6</sup> .....	209 (1.8)	214 (1.8)	48 (2.3)	52 (2.3)	15 (1.4)	1 (0.3)	73 (6.7)	56	65 (1.8)	17 (1.3)
Colorado .....	226 (1.0)	—	—	—	—	—	—	—	—	—
Connecticut .....	232 (1.1)	234 (1.2)	23 (1.5)	77 (1.5)	32 (1.6)	3 (0.5)	83 (3.4)	49	72 (1.2)	16 (1.2)
Delaware .....	215 (0.6)	—	—	—	—	—	—	—	—	—
District of Columbia .....	187 (1.1)	193 (1.2)	76 (1.1)	24 (1.1)	6 (0.8)	1 (0.2)	66 (1.5)	54	64 (0.9)	36 (0.9)
Florida .....	216 (1.2)	—	—	—	—	—	—	—	—	—
Georgia .....	215 (1.5)	220 (1.1)	42 (1.5)	58 (1.5)	18 (1.1)	1 (0.3)	74 (5.0)	54	68 (1.0)	19 (1.0)
Hawaii .....	215 (1.5)	216 (1.1)	45 (1.5)	55 (1.5)	14 (1.0)	1 (0.3)	88 (3.0)	64	64 (1.0)	18 (1.0)
Idaho <sup>6</sup> .....	—	227 (1.2)	29 (1.7)	71 (1.7)	21 (1.6)	1 (0.4)	76 (5.1)	48	68 (1.6)	12 (1.1)
Illinois <sup>6</sup> .....	—	225 (1.9)	34 (2.4)	66 (2.4)	21 (2.5)	2 (0.6)	84 (4.1)	57	66 (1.5)	19 (1.6)
Indiana <sup>6</sup> .....	229 (1.0)	234 (1.1)	22 (1.5)	78 (1.5)	31 (1.6)	3 (0.7)	78 (5.5)	57	71 (1.3)	17 (1.5)
Iowa <sup>6</sup> .....	229 (1.1)	233 (1.3)	22 (1.9)	78 (1.9)	28 (1.9)	2 (0.4)	65 (5.1)	47	70 (1.4)	9 (0.7)
Kansas <sup>6</sup> .....	—	232 (1.5)	25 (2.3)	75 (2.3)	30 (2.1)	3 (0.7)	76 (5.4)	47	73 (1.5)	14 (1.6)
Kentucky .....	220 (1.1)	221 (1.2)	40 (1.8)	60 (1.8)	17 (1.2)	1 (0.3)	80 (3.8)	57	71 (1.2)	17 (0.9)
Louisiana .....	209 (1.1)	218 (1.4)	43 (2.0)	57 (2.0)	14 (1.4)	1 (0.2)	56 (5.7)	52	67 (1.6)	24 (1.1)
Maine <sup>6</sup> .....	232 (1.0)	231 (0.9)	26 (1.8)	74 (1.8)	25 (1.3)	2 (0.4)	89 (3.1)	50	74 (1.1)	10 (0.7)
Maryland .....	221 (1.6)	222 (1.3)	39 (1.8)	61 (1.8)	22 (1.4)	2 (0.4)	70 (4.7)	48	71 (1.2)	23 (1.1)
Massachusetts .....	229 (1.4)	235 (1.1)	21 (1.4)	79 (1.4)	33 (1.6)	3 (0.5)	91 (3.0)	50	74 (1.2)	10 (0.9)
Michigan <sup>6</sup> .....	226 (1.3)	231 (1.4)	28 (1.9)	72 (1.9)	29 (1.8)	3 (0.6)	86 (3.7)	50	71 (1.2)	16 (1.2)
Minnesota <sup>6</sup> .....	232 (1.1)	235 (1.3)	22 (1.7)	78 (1.7)	34 (1.8)	3 (0.7)	71 (6.0)	48	74 (1.4)	7 (0.9)
Mississippi .....	208 (1.2)	211 (1.1)	55 (1.7)	45 (1.7)	9 (0.9)	(7) (0.2)	43 (5.8)	57	67 (1.2)	23 (1.0)
Missouri .....	225 (1.1)	229 (1.2)	28 (1.6)	72 (1.6)	23 (1.6)	2 (0.4)	79 (4.3)	49	69 (1.1)	19 (1.2)
Montana <sup>6</sup> .....	228 (1.2)	230 (1.8)	27 (2.6)	73 (2.6)	25 (2.5)	2 (0.7)	79 (5.2)	45	67 (1.6)	11 (1.2)
Nebraska .....	228 (1.2)	226 (1.7)	33 (2.3)	67 (2.3)	24 (1.9)	2 (0.5)	87 (4.2)	51	71 (1.6)	13 (1.7)
Nevada .....	218 (1.3)	220 (1.2)	39 (1.7)	61 (1.7)	16 (1.1)	1 (0.2)	82 (4.1)	49	67 (1.2)	17 (1.2)
New Jersey .....	227 (1.5)	—	—	—	—	—	—	—	—	—
New Mexico .....	214 (1.8)	214 (1.5)	49 (2.0)	51 (2.0)	12 (1.0)	1 (0.2)	69 (5.0)	56	68 (1.4)	15 (1.3)
New York <sup>6</sup> .....	223 (1.2)	227 (1.3)	33 (2.1)	67 (2.1)	22 (1.6)	2 (0.4)	78 (5.6)	49	66 (1.5)	21 (1.3)
North Carolina .....	224 (1.2)	232 (1.0)	24 (1.5)	76 (1.5)	28 (1.5)	3 (0.4)	68 (5.2)	58	70 (1.0)	18 (1.0)
North Dakota .....	231 (1.2)	231 (0.9)	25 (1.5)	75 (1.5)	25 (1.3)	2 (0.4)	79 (3.3)	45	73 (1.2)	10 (0.7)
Ohio <sup>6</sup> .....	—	231 (1.3)	27 (2.0)	73 (2.0)	26 (2.1)	2 (0.4)	79 (4.6)	55	72 (1.2)	20 (1.5)
Oklahoma .....	—	225 (1.3)	31 (1.9)	69 (1.9)	16 (1.2)	1 (0.2)	69 (4.8)	51	63 (1.0)	19 (1.1)
Oregon <sup>6</sup> .....	223 (1.4)	227 (1.6)	33 (2.3)	67 (2.3)	23 (1.8)	3 (0.6)	69 (5.5)	50	68 (1.5)	13 (1.3)
Pennsylvania .....	226 (1.2)	—	—	—	—	—	—	—	—	—
Rhode Island .....	220 (1.4)	225 (1.2)	33 (1.5)	67 (1.5)	23 (1.3)	2 (0.4)	75 (4.3)	46	73 (1.2)	11 (0.8)
South Carolina .....	213 (1.3)	220 (1.4)	40 (1.8)	60 (1.8)	18 (1.2)	2 (0.3)	74 (4.8)	51	67 (1.2)	23 (1.2)
Tennessee .....	219 (1.4)	220 (1.5)	40 (1.8)	60 (1.8)	18 (1.5)	1 (0.4)	80 (4.2)	55	70 (1.2)	20 (1.3)
Texas .....	229 (1.4)	233 (1.2)	23 (1.6)	77 (1.6)	27 (1.8)	2 (0.5)	65 (5.8)	57	69 (1.4)	18 (1.3)
Utah .....	227 (1.2)	227 (1.2)	30 (1.7)	70 (1.7)	24 (1.3)	2 (0.3)	85 (3.7)	46	72 (1.1)	10 (0.7)
Vermont <sup>6</sup> .....	225 (1.2)	232 (1.6)	27 (2.0)	73 (2.0)	29 (2.2)	4 (0.7)	82 (5.5)	55	79 (1.4)	10 (1.1)
Virginia .....	223 (1.4)	230 (1.3)	27 (1.8)	73 (1.8)	25 (1.6)	2 (0.6)	68 (4.6)	52	73 (1.2)	20 (1.2)
Washington .....	225 (1.2)	—	—	—	—	—	—	—	—	—
West Virginia .....	223 (1.0)	225 (1.2)	32 (1.6)	68 (1.6)	18 (1.6)	1 (0.3)	80 (3.4)	57	68 (1.0)	18 (1.1)
Wisconsin .....	231 (1.0)	—	—	—	—	—	—	—	—	—
Wyoming .....	223 (1.4)	229 (1.3)	27 (2.0)	73 (2.0)	25 (1.5)	2 (0.5)	67 (7.5)	52	71 (1.2)	10 (0.8)
Department of Defense dependents schools:										
Domestic schools .....	224 (1.0)	228 (1.2)	30 (2.0)	70 (2.0)	24 (1.8)	3 (0.6)	84 (0.6)	52	71 (1.3)	21 (1.1)
Overseas schools .....	223 (0.7)	228 (0.7)	30 (1.2)	70 (1.2)	22 (1.1)	2 (0.3)	82 (0.7)	51	70 (1.0)	14 (0.6)
Outlying areas										
American Samoa .....	—	157 (3.9)	95 (1.4)	5 (1.4)	(7) —	0 —	26 (2.6)	61	50 (2.8)	17 (1.9)
Guam .....	188 (1.3)	184 (2.3)	79 (1.8)	21 (1.8)	2 (0.6)	(7) —	81 (1.0)	60	61 (2.0)	16 (1.4)
Virgin Islands .....	—	183 (2.8)	85 (3.2)	15 (3.2)	1 (0.6)	(7) —	80 (0.6)	56	58 (2.0)	29 (2.0)

—Not available.

<sup>1</sup> Achievement levels are in developmental 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 participation.<sup>7</sup> Percentage between 0.0 and 0.5.

NOTE: These test scores are from the National Assessment of Educational Progress (NAEP). Forty states, the District of Columbia, and three outlying areas participated in the 2000 State Assessment of 4th-graders and met student and school participation criteria for reporting results. 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 unpublished data, NAEP Data Tool ([http://nces.ed.gov/naep3/NAEP\\_data](http://nces.ed.gov/naep3/NAEP_data)) prepared by Educational Testing Service. (This table was prepared October 2001.)