

**Table 125.—Mathematics attainment for 8th-graders in public schools, by region and state: 1996**

Region and state	Average proficiency	Percent attaining mathematics achievement levels <sup>1</sup>				Percent of students by highest level of education attained by parents <sup>2</sup>			
		Below basic	Basic or above <sup>3</sup>	Proficient or above <sup>4</sup>	Advanced or above <sup>5</sup>	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10
<b>United States</b> .....	<b>271 (1.1)</b>	<b>38 (1.1)</b>	<b>62 (1.1)</b>	<b>24 (1.1)</b>	<b>4 (0.5)</b>	<b>8 (0.5)</b>	<b>23 (0.8)</b>	<b>19 (0.8)</b>	<b>39 (1.4)</b>
<b>Region</b>									
Northeast .....	277 (3.1)	33 (3.1)	67 (3.1)	27 (3.7)	5 (1.9)	—	—	—	—
Southeast .....	266 (2.6)	44 (3.2)	56 (3.2)	18 (1.8)	3 (0.6)	—	—	—	—
Central .....	277 (3.1)	31 (3.4)	69 (3.4)	29 (2.5)	5 (1.0)	—	—	—	—
West .....	269 (2.2)	41 (2.2)	59 (2.2)	22 (1.9)	3 (0.6)	—	—	—	—
<b>State</b>									
Alabama .....	257 (2.1)	55 (2.6)	45 (2.6)	12 (1.8)	1 (0.4)	10 (0.8)	30 (1.5)	15 (0.8)	37 (2.1)
Alaska .....	278 (1.8)	32 (2.3)	68 (2.3)	30 (1.6)	7 (1.1)	4 (0.7)	19 (1.1)	20 (1.1)	43 (1.5)
Arizona .....	268 (1.6)	43 (1.9)	57 (1.9)	18 (1.2)	2 (0.3)	9 (0.9)	18 (1.1)	21 (1.0)	38 (1.8)
Arkansas .....	262 (1.5)	48 (1.8)	52 (1.8)	13 (1.0)	2 (0.4)	10 (0.8)	30 (1.6)	19 (1.0)	30 (1.4)
California .....	263 (1.9)	49 (2.1)	51 (2.1)	17 (1.5)	3 (0.5)	10 (0.8)	17 (0.8)	16 (1.0)	38 (1.7)
Colorado .....	276 (1.1)	33 (1.3)	67 (1.3)	25 (1.3)	3 (0.5)	6 (0.6)	19 (0.9)	20 (0.8)	45 (1.5)
Connecticut .....	280 (1.1)	30 (1.4)	70 (1.4)	31 (1.5)	5 (0.6)	5 (0.6)	19 (0.9)	17 (0.8)	51 (1.3)
Delaware .....	267 (0.9)	45 (1.3)	55 (1.3)	19 (1.0)	3 (0.6)	5 (0.5)	27 (1.2)	19 (0.9)	38 (1.2)
District of Columbia .....	233 (1.3)	80 (1.2)	20 (1.2)	5 (0.8)	1 (0.3)	7 (0.6)	28 (1.1)	18 (0.9)	33 (1.3)
Florida .....	264 (1.8)	46 (2.1)	54 (2.1)	17 (1.3)	2 (0.4)	8 (0.7)	23 (1.1)	18 (0.9)	40 (1.6)
Georgia .....	262 (1.6)	49 (2.0)	51 (2.0)	16 (1.8)	2 (0.5)	8 (0.7)	27 (1.4)	18 (1.0)	39 (2.0)
Hawaii .....	262 (1.0)	49 (1.5)	51 (1.5)	16 (0.9)	2 (0.4)	4 (0.5)	26 (1.1)	16 (0.8)	38 (1.0)
Indiana .....	276 (1.4)	32 (2.0)	68 (2.0)	24 (1.7)	3 (0.5)	7 (0.7)	30 (1.2)	21 (1.1)	36 (1.4)
Iowa .....	284 (1.3)	22 (1.4)	78 (1.4)	31 (1.8)	4 (0.6)	5 (0.5)	24 (1.6)	19 (0.9)	46 (1.7)
Kentucky .....	267 (1.1)	44 (1.6)	56 (1.6)	16 (1.2)	1 (0.3)	13 (0.8)	31 (0.9)	17 (0.8)	30 (1.3)
Louisiana .....	252 (1.6)	62 (2.0)	38 (2.0)	7 (1.1)	0 (0.2)	9 (0.7)	33 (1.0)	19 (0.8)	30 (1.3)
Maine .....	284 (1.3)	23 (1.5)	77 (1.5)	31 (1.7)	6 (0.7)	5 (0.5)	23 (0.9)	21 (1.1)	44 (1.6)
Maryland .....	270 (2.1)	43 (2.2)	57 (2.2)	24 (2.3)	5 (1.0)	5 (0.6)	24 (1.3)	17 (1.0)	45 (1.6)
Massachusetts .....	278 (1.7)	32 (2.3)	68 (2.3)	28 (1.8)	5 (0.8)	6 (0.6)	18 (1.0)	15 (0.8)	51 (1.7)
Michigan .....	277 (1.8)	33 (2.1)	67 (2.1)	28 (1.8)	4 (0.8)	5 (0.5)	22 (1.5)	21 (0.9)	42 (1.6)
Minnesota .....	284 (1.3)	25 (1.5)	75 (1.5)	34 (1.8)	6 (0.8)	3 (0.3)	21 (1.1)	19 (1.1)	50 (1.6)
Mississippi .....	250 (1.2)	64 (1.3)	36 (1.3)	7 (0.8)	0 (0.2)	11 (0.6)	29 (1.1)	15 (0.7)	36 (1.2)
Missouri .....	273 (1.4)	36 (2.0)	64 (2.0)	22 (1.4)	2 (0.5)	8 (0.6)	27 (1.0)	19 (0.9)	37 (1.6)
Montana .....	283 (1.3)	25 (1.7)	75 (1.7)	32 (1.5)	5 (0.5)	6 (0.8)	21 (1.1)	20 (1.2)	48 (1.5)
Nebraska .....	283 (1.0)	24 (1.1)	76 (1.1)	31 (1.5)	5 (0.7)	6 (0.7)	19 (1.5)	18 (1.2)	49 (2.4)
New Mexico .....	262 (1.2)	49 (1.6)	51 (1.6)	14 (1.1)	2 (0.3)	11 (0.9)	25 (1.1)	19 (1.0)	34 (1.3)
New York .....	270 (1.7)	39 (2.0)	61 (2.0)	22 (1.5)	3 (0.5)	6 (0.6)	20 (1.1)	17 (1.0)	45 (1.5)
North Carolina .....	268 (1.4)	44 (1.8)	56 (1.8)	20 (1.3)	3 (0.6)	7 (0.5)	24 (1.1)	20 (0.9)	40 (1.5)
North Dakota .....	284 (0.9)	23 (1.2)	77 (1.2)	33 (1.5)	4 (0.7)	3 (0.4)	19 (1.0)	16 (0.7)	55 (1.2)
Oregon .....	276 (1.5)	33 (1.7)	67 (1.7)	26 (1.6)	4 (0.7)	7 (0.6)	18 (0.9)	20 (1.0)	44 (1.7)
Rhode Island .....	269 (0.9)	40 (1.6)	60 (1.6)	20 (1.3)	3 (0.4)	8 (0.5)	22 (0.9)	17 (0.7)	40 (0.9)
South Carolina .....	261 (1.5)	52 (1.7)	48 (1.7)	14 (1.2)	2 (0.4)	9 (0.7)	28 (1.1)	17 (0.9)	37 (1.4)
Tennessee .....	263 (1.4)	47 (1.8)	53 (1.8)	15 (1.3)	2 (0.3)	10 (0.7)	32 (1.4)	19 (0.8)	31 (1.6)
Texas .....	270 (1.4)	41 (1.8)	59 (1.8)	21 (1.5)	3 (0.4)	13 (1.1)	21 (1.0)	15 (1.0)	38 (2.0)
Utah .....	277 (1.0)	30 (1.5)	70 (1.5)	24 (1.3)	3 (0.4)	3 (0.4)	17 (0.8)	18 (0.8)	53 (1.3)
Vermont .....	279 (1.0)	28 (1.7)	72 (1.7)	27 (1.4)	4 (0.6)	5 (0.5)	25 (1.1)	16 (0.9)	49 (1.4)
Virginia .....	270 (1.6)	42 (2.0)	58 (2.0)	21 (1.2)	3 (0.4)	8 (0.8)	26 (1.1)	16 (0.9)	42 (1.7)
Washington .....	276 (1.3)	33 (1.6)	67 (1.6)	26 (1.2)	4 (0.7)	6 (0.6)	16 (0.9)	21 (0.8)	46 (1.4)
West Virginia .....	265 (1.0)	46 (1.6)	54 (1.6)	14 (0.9)	1 (0.4)	11 (0.8)	33 (0.9)	19 (0.8)	30 (1.1)
Wisconsin .....	283 (1.5)	25 (2.0)	75 (2.0)	32 (2.0)	5 (0.8)	5 (0.7)	26 (1.1)	21 (0.9)	40 (1.6)
Wyoming .....	275 (0.9)	32 (1.2)	68 (1.2)	22 (1.0)	2 (0.6)	5 (0.5)	21 (0.9)	20 (0.8)	44 (1.2)
<b>Outlying area</b>									
Guam .....	239 (1.7)	71 (1.6)	29 (1.6)	6 (0.8)	0 —	2 (0.6)	21 (1.5)	22 (1.7)	43 (2.1)

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

<sup>2</sup> Excludes students who responded "I don't know" to the question about educational level of parents.

<sup>3</sup> This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 8th grade.

<sup>4</sup> This level represents solid academic performance for 8th 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>5</sup> This level signifies superior performance.

—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). Forty-four states, the District of Columbia, and one outlying area participated in the 1996 Trial State Assessment of 8th graders. Results are not shown for states with a school participation rate of less than 70 percent. 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 1996 Mathematics Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared August 1997.)