

**Table 128.—Mathematics proficiency of 8th-graders in public schools, by state: 1990 to 2000**

State or other area	Average proficiency				Percent attaining mathematics achievement levels, <sup>1</sup> 2000				Average proficiency, by highest level of education attained by parents, <sup>2</sup> 2000			
	1990	1992	1996	2000	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	11	12	13
<b>United States</b> .....	<b>262 (1.4)</b>	<b>267 (1.0)</b>	<b>271 (1.2)</b>	<b>274 (0.8)</b>	<b>35 (0.9)</b>	<b>65 (0.9)</b>	<b>26 (1.0)</b>	<b>5 (0.5)</b>	<b>255 (1.4)</b>	<b>263 (1.2)</b>	<b>279 (1.0)</b>	<b>286 (1.1)</b>
Alabama .....	253 (1.1)	252 (1.7)	257 (2.1)	262 (1.8)	48 (2.1)	52 (2.1)	16 (1.6)	2 (0.5)	250 (2.8)	252 (2.0)	270 (2.5)	273 (3.1)
Alaska .....	—	—	278 (1.8)	—	—	—	—	—	—	—	—	—
Arizona <sup>6</sup> .....	260 (1.3)	265 (1.3)	268 (1.6)	271 (1.5)	38 (1.9)	62 (1.9)	21 (1.6)	3 (0.5)	247 (4.2)	260 (2.7)	278 (1.7)	285 (2.1)
Arkansas .....	256 (0.9)	256 (1.2)	262 (1.5)	261 (1.4)	48 (1.9)	52 (1.9)	14 (1.2)	1 (0.4)	249 (3.2)	252 (2.4)	271 (1.8)	272 (1.6)
California <sup>6</sup> .....	256 (1.3)	261 (1.7)	263 (1.9)	262 (2.0)	48 (2.3)	52 (2.3)	18 (1.6)	3 (0.6)	244 (3.1)	251 (3.1)	270 (2.4)	281 (2.2)
Colorado .....	267 (0.9)	272 (1.0)	276 (1.1)	—	—	—	—	—	—	—	—	—
Connecticut .....	270 (1.0)	274 (1.1)	280 (1.1)	282 (1.4)	28 (1.3)	72 (1.3)	34 (1.5)	6 (0.7)	242 (7.5)	267 (2.4)	279 (1.9)	295 (1.2)
Delaware .....	261 (0.9)	263 (1.0)	267 (0.9)	—	—	—	—	—	—	—	—	—
District of Columbia .....	231 (0.9)	235 (0.9)	233 (1.3)	234 (2.2)	77 (2.0)	23 (2.0)	6 (0.8)	1 (0.4)	223 (6.7)	225 (2.6)	243 (3.5)	249 (3.5)
Florida .....	255 (1.2)	260 (1.5)	264 (1.8)	—	—	—	—	—	—	—	—	—
Georgia .....	259 (1.3)	259 (1.2)	262 (1.6)	266 (1.3)	45 (1.7)	55 (1.7)	19 (1.1)	3 (0.4)	252 (2.4)	255 (1.6)	271 (1.8)	277 (1.6)
Hawaii .....	251 (0.8)	257 (0.9)	262 (1.0)	263 (1.3)	49 (1.3)	51 (1.3)	16 (1.3)	2 (0.4)	248 (4.4)	247 (2.1)	268 (1.9)	276 (1.6)
Idaho <sup>6</sup> .....	271 (0.8)	275 (0.7)	—	278 (1.3)	29 (1.5)	71 (1.5)	27 (1.7)	3 (0.5)	250 (6.4)	266 (2.4)	284 (1.7)	288 (1.2)
Illinois <sup>6</sup> .....	261 (1.7)	—	—	277 (1.6)	32 (2.1)	68 (2.1)	27 (1.4)	4 (0.7)	256 (4.4)	268 (2.5)	280 (2.0)	287 (2.1)
Indiana <sup>6</sup> .....	267 (1.2)	270 (1.1)	276 (1.4)	283 (1.4)	24 (1.7)	76 (1.7)	31 (1.9)	5 (0.7)	264 (3.2)	272 (1.7)	288 (2.1)	293 (1.8)
Iowa .....	278 (1.1)	283 (1.0)	284 (1.3)	—	—	—	—	—	—	—	—	—
Kansas <sup>6</sup> .....	—	—	—	284 (1.4)	23 (1.7)	77 (1.7)	34 (1.9)	4 (0.8)	269 (4.2)	276 (2.2)	286 (2.3)	292 (1.7)
Kentucky .....	257 (1.2)	262 (1.1)	267 (1.1)	272 (1.4)	37 (1.7)	63 (1.7)	21 (1.5)	3 (0.5)	255 (3.5)	264 (1.5)	275 (1.8)	284 (2.2)
Louisiana .....	246 (1.2)	250 (1.7)	252 (1.6)	259 (1.5)	52 (1.8)	48 (1.8)	12 (1.2)	1 (0.4)	251 (2.2)	250 (2.2)	271 (1.7)	267 (2.1)
Maine <sup>6</sup> .....	—	279 (1.0)	284 (1.3)	284 (1.2)	24 (1.5)	76 (1.5)	32 (1.4)	6 (0.7)	267 (3.6)	272 (1.9)	283 (2.2)	293 (1.2)
Maryland .....	261 (1.4)	265 (1.3)	270 (2.1)	276 (1.4)	35 (1.6)	65 (1.6)	29 (1.4)	6 (0.6)	256 (3.4)	263 (1.8)	279 (2.0)	286 (1.6)
Massachusetts .....	—	273 (1.0)	278 (1.7)	283 (1.3)	24 (1.5)	76 (1.5)	32 (1.3)	6 (0.7)	261 (5.4)	271 (2.3)	284 (1.8)	294 (1.4)
Michigan <sup>6</sup> .....	264 (1.2)	267 (1.4)	277 (1.8)	278 (1.6)	30 (1.9)	70 (1.9)	28 (1.9)	5 (0.7)	254 (5.1)	269 (1.8)	280 (2.6)	288 (1.8)
Minnesota .....	275 (0.9)	282 (1.0)	284 (1.3)	288 (1.4)	20 (1.8)	80 (1.8)	40 (1.6)	7 (0.8)	—	275 (3.1)	293 (2.0)	296 (1.3)
Mississippi .....	—	246 (1.2)	250 (1.2)	254 (1.3)	59 (1.6)	41 (1.6)	8 (0.7)	1 (0.3)	243 (3.1)	246 (1.6)	261 (2.0)	262 (1.8)
Missouri .....	—	271 (1.2)	273 (1.4)	274 (1.5)	33 (2.0)	67 (2.0)	22 (1.4)	2 (0.3)	259 (2.3)	265 (2.3)	275 (1.8)	284 (1.8)
Montana <sup>6</sup> .....	280 (0.9)	—	283 (1.3)	287 (1.2)	20 (1.5)	80 (1.5)	37 (1.6)	6 (0.6)	—	277 (2.2)	289 (1.8)	295 (1.6)
Nebraska .....	276 (1.0)	278 (1.1)	283 (1.0)	281 (1.1)	26 (1.6)	74 (1.6)	31 (1.6)	5 (0.7)	252 (3.1)	273 (2.0)	285 (2.0)	289 (1.2)
Nevada .....	—	—	—	268 (0.9)	42 (1.1)	58 (1.1)	20 (0.9)	2 (0.4)	248 (2.5)	261 (1.4)	276 (1.5)	280 (1.2)
New Hampshire .....	273 (0.9)	278 (1.0)	—	—	—	—	—	—	—	—	—	—
New Jersey .....	270 (1.1)	272 (1.6)	—	—	—	—	—	—	—	—	—	—
New Mexico .....	256 (0.7)	260 (0.9)	262 (1.2)	260 (1.7)	50 (1.8)	50 (1.8)	13 (1.0)	1 (0.4)	241 (3.2)	248 (2.9)	266 (1.9)	275 (1.7)
New York <sup>6</sup> .....	261 (1.4)	266 (2.1)	270 (1.7)	276 (2.1)	32 (2.5)	68 (2.5)	26 (1.9)	4 (0.7)	253 (4.1)	270 (2.8)	276 (2.5)	285 (2.1)
North Carolina .....	250 (1.1)	258 (1.2)	268 (1.4)	280 (1.1)	30 (1.3)	70 (1.3)	30 (1.3)	6 (0.7)	261 (2.7)	262 (1.6)	282 (1.6)	291 (1.6)
North Dakota .....	281 (1.2)	283 (1.1)	284 (0.9)	283 (1.1)	23 (1.4)	77 (1.4)	31 (1.6)	4 (0.6)	—	278 (3.7)	282 (2.3)	289 (1.3)
Ohio .....	264 (1.0)	268 (1.5)	—	283 (1.5)	25 (1.9)	75 (1.9)	31 (1.7)	5 (0.7)	268 (3.1)	272 (1.8)	286 (1.6)	293 (1.8)
Oklahoma .....	263 (1.3)	268 (1.1)	—	272 (1.5)	36 (1.9)	64 (1.9)	19 (1.2)	2 (0.3)	255 (3.5)	264 (2.0)	274 (1.5)	281 (1.6)
Oregon <sup>6</sup> .....	271 (1.0)	—	276 (1.5)	281 (1.6)	29 (1.7)	71 (1.7)	32 (1.9)	6 (0.8)	255 (4.2)	270 (3.6)	285 (2.1)	292 (1.9)
Pennsylvania .....	266 (1.6)	271 (1.5)	—	—	—	—	—	—	—	—	—	—
Rhode Island .....	260 (0.6)	266 (0.7)	269 (0.9)	273 (1.1)	36 (1.1)	64 (1.1)	24 (1.0)	4 (0.6)	251 (3.6)	264 (1.6)	275 (1.5)	284 (1.4)
South Carolina .....	—	261 (1.0)	261 (1.5)	266 (1.4)	45 (1.9)	55 (1.9)	18 (1.2)	2 (0.4)	250 (3.3)	255 (1.7)	275 (1.5)	278 (2.2)
Tennessee .....	—	259 (1.4)	263 (1.4)	263 (1.7)	47 (1.9)	53 (1.9)	17 (1.4)	2 (0.4)	246 (3.0)	254 (2.2)	273 (1.8)	275 (2.2)
Texas .....	258 (1.4)	265 (1.3)	270 (1.4)	275 (1.5)	32 (1.8)	68 (1.8)	24 (1.4)	3 (0.5)	259 (2.3)	267 (1.9)	285 (1.9)	287 (1.8)
Utah .....	—	274 (0.7)	277 (1.0)	275 (1.2)	32 (1.4)	68 (1.4)	26 (1.2)	3 (0.4)	248 (4.2)	263 (2.8)	280 (1.8)	285 (1.3)
Vermont <sup>6</sup> .....	—	—	279 (1.0)	283 (1.1)	25 (1.7)	75 (1.7)	32 (1.5)	6 (0.6)	261 (5.6)	272 (2.3)	279 (2.4)	293 (1.5)
Virginia .....	264 (1.5)	268 (1.2)	270 (1.6)	277 (1.5)	33 (2.0)	67 (2.0)	26 (1.5)	5 (0.7)	257 (2.6)	261 (2.1)	276 (2.0)	289 (1.5)
Washington .....	—	—	276 (1.3)	—	—	—	—	—	—	—	—	—
West Virginia .....	256 (1.0)	259 (1.0)	265 (1.0)	271 (1.0)	38 (1.2)	62 (1.2)	18 (0.9)	2 (0.4)	256 (2.3)	264 (1.2)	275 (1.5)	282 (1.5)
Wisconsin .....	274 (1.3)	278 (1.5)	283 (1.5)	—	—	—	—	—	—	—	—	—
Wyoming .....	272 (0.7)	275 (0.9)	275 (0.9)	277 (1.2)	30 (1.4)	70 (1.4)	25 (1.1)	4 (0.5)	258 (4.0)	268 (2.5)	280 (1.7)	285 (1.2)
Department of Defense dependents schools:												
Domestic schools .....	—	—	269 (2.3)	277 (2.3)	33 (2.9)	67 (2.9)	27 (2.8)	6 (1.4)	—	272 (4.1)	278 (2.8)	284 (3.7)
Overseas schools .....	—	—	275 (0.9)	278 (1.0)	29 (1.4)	71 (1.4)	27 (1.2)	4 (0.7)	—	270 (3.9)	278 (1.7)	284 (1.6)
Outlying areas												
American Samoa .....	—	—	—	195 (4.5)	93 (2.1)	7 (2.1)	1 —	(?) —	—	196 (6.7)	—	198 (4.6)
Guam .....	232 (0.7)	235 (1.0)	239 (1.7)	233 (2.2)	76 (1.5)	24 (1.5)	4 (0.8)	1 (0.3)	—	225 (2.7)	243 (7.4)	244 (2.8)
Virgin Islands .....	219 (0.9)	223 (1.1)	—	—	—	—	—	—	—	—	—	—

—Not available.

<sup>1</sup> Achievement levels are in developmental 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.

<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). Thirty-nine states, the District of Columbia, and two outlying areas participated in the 2000 State Assessment of 8th-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 Nations Report Card: Mathematics, 2000*; and unpublished data, NAEP Data Tool (<http://nces.ed.gov/naep3/NAEP>) prepared by Educational Testing Service and . (This table was prepared October 2001.)