

# the condition of education 2008



## INDICATOR 12

# Reading Performance of Students in Grades 4, 8, and 12

The indicator and corresponding tables are taken directly from *The Condition of Education 2008*. Therefore, the page numbers may not be sequential.

Additional information about the survey data and supplementary notes can be found in the full report. For a copy of *The Condition of Education 2008*, visit the NCES website (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2008031>) or contact ED PUBs at 1-877-4ED-PUBS.

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# Academic Outcomes

## Reading Performance of Students in Grades 4, 8, and 12

National average reading scores of 4th- and 8th-graders were higher in 2007 than in 1992, by 4 and 3 points, respectively. However, the reading score of 12th-graders was 6 points lower in 2005 than in 1992.

The percentage of 4th-graders performing at or above the *Basic* achievement level on the National Assessment of Educational Progress (NAEP) reading assessment was higher in 2007 than in 1992 (67 vs. 62 percent), as was the percentage performing at or above the *Proficient* achievement level (33 vs. 29 percent).<sup>1</sup> Percentages at both of these achievement levels were higher in 2007 than in 2005 (see supplemental table 12-1). The percentage of 8th-graders performing at or above *Basic* was higher in 2007 than in 1992 (74 vs. 69 percent), while there was no measurable difference in the percentage performing at or above *Proficient*. In 2007, the percentage of 8th-graders at or above *Basic* was higher than that in 2005, but the percentages at or above *Proficient* for these two years were not measurably different. The percentage of 12th-graders performing at or above *Basic* was lower in 2005<sup>2</sup> than in 1992 (73 vs. 80 percent), as was the percentage of 12th-graders performing at or above *Proficient* (35 vs. 40 percent).

Reported on a scale of 0 to 500, national average reading scores of 4th- and 8th-graders were higher in 2007 than in 1992, by 4 and 3 points, respectively (see supplemental table

12-2). These 2007 scores were higher than 2005 scores. The reading score of 12th-graders was 6 points lower in 2005 than in 1992. In the most recent assessment, females at each grade level outscored their male counterparts. For example, 12th-grade females scored 13 points higher than males in 2005. Average scores were higher in 2007 than in 1992 for White, Black, Hispanic, and Asian/Pacific Islander 4th-graders (ranging from 6 to 16 points) and for White, Black, and Hispanic 8th-graders (ranging from 5 to 7 points), while scores were lower in 2005 than in 1992 for White, Black, and Hispanic 12th-graders (ranging from 5 to 7 points).

NAEP results also permit state-level comparisons of the abilities of 4th- and 8th-graders in public schools.<sup>3</sup> The percentage of 4th-grade students performing at or above *Basic* was higher in 2007 than in 1992 in 24 of the 42 states that participated in both assessment years (see supplemental table 12-3). Of the 38 states that participated in the grade 8 assessment in both years, the percentage of students performing at or above *Basic* was higher in 2007 than in 1998 in 5 states and lower in 2007 than in 1998 in 7 states.

<sup>1</sup> Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted in 1992 and 1994, and students were tested with and without accommodations in 1998.

<sup>2</sup> The 2003 and 2007 National Assessment of Educational Progress (NAEP) Reading Assessments were not administered to 12th-grade students.

<sup>3</sup> State samples were not collected for grade 12; therefore, state results for grade 12 are not available.

NOTE: The National Assessment of Educational Progress (NAEP) has assessed the reading abilities of students in grades 4, 8, and 12 in public and private schools since 1992. NAEP reading scores range from 0 to 500. The achievement levels define what students should know and be able to do: *Basic* indicates partial mastery of fundamental skills; *Proficient* indicates demonstrated competency over challenging subject matter; and *Advanced* indicates superior performance. The percentage of students at or above *Proficient* includes students at the *Advanced* achievement level. Similarly, the percentage of students at or above *Basic* includes students at the *Basic*, those at the *Proficient*, and those at the *Advanced* achievement levels. Beginning in 2002, the NAEP national sample for grades 4 and 8 was obtained by aggregating the samples from each state and the District of Columbia, rather than by obtaining an independently selected national sample. As a consequence, the size of the national samples for grades 4 and 8 increased, and smaller differences between years or between types of students were found to be statistically significant than would have been detected in previous assessments. Calculations are based on unrounded numbers. See *supplemental note 4* for more information on NAEP. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), selected years, 1992–2007 Reading Assessments, NAEP Data Explorer.

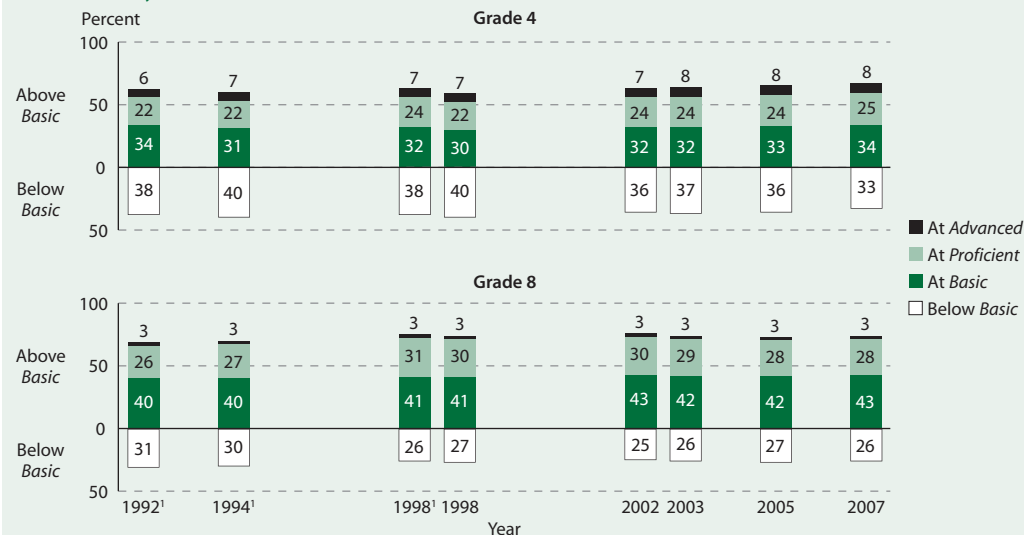
FOR MORE INFORMATION:

Supplemental Notes 1,4  
Supplemental Tables 12-1,  
12-2, 12-3



Indicator 16

**READING PERFORMANCE: Percentage distribution of 4th- and 8th-grade students across NAEP reading achievement levels: Selected years, 1992–2007**



## Reading Performance of Students in Grades 4, 8, and 12

**Table 12-1. Average reading scale scores and percentage of students at each achievement level, by grade: Selected years, 1992–2007**

Grade, scale score, and achievement level	1992 <sup>1</sup>	1994 <sup>1</sup>	1998 <sup>1</sup>	1998	2002	2003	2005	2007
<b>Grade 4</b>								
Average scale score	217	214	217	215	219	218	219	221
Percentage at each achievement level								
Below <i>Basic</i>	38	40	38	40	36	37	36	33
At or above <i>Basic</i>	62	60	62	60	64	63	64	67
At or above <i>Proficient</i>	29	30	31	29	31	31	31	33
At <i>Advanced</i>	6	7	7	7	7	8	8	8
<b>Grade 8</b>								
Average scale score	260	260	264	263	264	263	262	263
Percentage at each achievement level								
Below <i>Basic</i>	31	30	26	27	25	26	27	26
At or above <i>Basic</i>	69	70	74	73	75	74	73	74
At or above <i>Proficient</i>	29	30	33	32	33	32	31	31
At <i>Advanced</i>	3	3	3	3	3	3	3	3
<b>Grade 12<sup>2</sup></b>								
Average scale score	292	287	291	290	287	—	286	—
Percentage at each achievement level								
Below <i>Basic</i>	20	25	23	24	26	—	27	—
At or above <i>Basic</i>	80	75	77	76	74	—	73	—
At or above <i>Proficient</i>	40	36	40	40	36	—	35	—
At <i>Advanced</i>	4	40	6	6	5	—	5	—

— Not available.

<sup>1</sup> Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted.

<sup>2</sup> The 2003 and 2007 National Assessment of Educational Progress (NAEP) Reading Assessments were not administered to 12th-grade students.

NOTE: The NAEP reading scale ranges from 0 to 500. Beginning in 2002, the NAEP national sample for grades 4 and 8 was obtained by aggregating the samples from each state and the District of Columbia, rather than by obtaining an independently selected national sample. As a consequence, the size of the national sample for grades 4 and 8 increased, and smaller differences between years or between types of students were found to be statistically significant than would have been detected in previous assessments. See *supplemental note 4* for more information on NAEP.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), selected years, 1992–2007 Reading Assessments, NAEP Data Explorer.

## Reading Performance of Students in Grades 4, 8, and 12

**Table 12-2. Average reading scale scores, by grade and selected student and school characteristics: 1992, 2005, and 2007**

Student or school characteristic	Grade 4			Grade 8			Grade 12 <sup>1</sup>	
	1992 <sup>2</sup>	2005	2007	1992 <sup>2</sup>	2005	2007	1992 <sup>2</sup>	2005
<b>Total</b>	<b>217</b>	<b>219</b>	<b>221</b>	<b>260</b>	<b>262</b>	<b>263</b>	<b>292</b>	<b>286</b>
Sex								
Male	213	216	218	254	257	258	287	279
Female	221	222	224	267	267	268	297	292
Race/ethnicity <sup>3</sup>								
White	224	229	231	267	271	272	297	293
Black	192	200	203	237	243	245	273	267
Hispanic	197	203	205	241	246	247	279	272
Asian/Pacific Islander	216	229	232	268	271	271	290	287
American Indian/Alaska Native	‡	204	203	‡	249	247	‡	279
Parents' education								
Did not finish high school	—	—	—	243	244	245	275	268
Graduated from high school	—	—	—	251	252	253	283	274
Some education after high school	—	—	—	265	265	266	294	287
Graduated from college	—	—	—	271	272	273	301	297
Locale								
Metro-centric codes								
Central city	—	213	—	—	257	—	—	284
Urban fringe/large town	—	223	—	—	266	—	—	288
Rural/small town	—	219	—	—	263	—	—	285
Urban-centric codes								
City	—	—	215	—	—	257	—	—
Suburban	—	—	226	—	—	267	—	—
Town	—	—	219	—	—	262	—	—
Rural	—	—	222	—	—	264	—	—
Students in school eligible for free or reduced-price lunch								
10 percent or less	—	238	240	—	279	280	—	297
11–25 percent	—	230	231	—	270	272	—	290
26–50 percent	—	221	223	—	262	263	—	282
51–75 percent	—	211	212	—	252	253	—	273
More than 75 percent	—	197	200	—	240	241	—	266

— Not available.

‡ Reporting standards not met (too few cases).

<sup>1</sup>The 2003 and 2007 National Assessment of Educational Progress (NAEP) Reading Assessments were not administered to 12th-grade students.

<sup>2</sup>Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted.

<sup>3</sup>Race categories exclude persons of Hispanic ethnicity.

NOTE: The NAEP reading scale ranges from 0 to 500. Beginning in 2002, the NAEP national sample for grades 4 and 8 was obtained by aggregating the samples from each state and the District of Columbia, rather than by obtaining an independently selected national sample. As a consequence, the size of the national sample for grades 4 and 8 increased, and smaller differences between years or between types of students were found to be statistically significant than would have been detected in previous assessments. See *supplemental note 4* for more information on NAEP.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 2005, and 2007 Reading Assessments, NAEP Data Explorer.

## Reading Performance of Students in Grades 4, 8, and 12

**Table 12-3. Average reading scale scores and achievement-level results for public school 4th- and 8th-graders, by state: 1992, 1998, and 2007**

State	Grade 4						Grade 8					
	Average score		Percentage of students				Average score		Percentage of students			
			At or above Basic		At or above Proficient				At or above Basic		At or above Proficient	
	1992 <sup>1</sup>	2007	1992 <sup>1</sup>	2007	1992 <sup>1</sup>	2007	1998 <sup>2</sup>	2007	1998 <sup>2</sup>	2007	1998 <sup>2</sup>	2007
<b>United States</b>	215	220*	60	66*	27	32*	261	261	71	73	30	29
Alabama	207	216*	51	62*	20	29*	255	252	67	62*	22	21
Alaska	—	214	—	62	—	29	—	259	—	71	—	27
Arizona	209	210	54	56	21	24	260	255*	72	65*	27	24
Arkansas	211	217*	56	64*	23	29*	256	258	68	70	23	25
California	202	209*	48	53*	19	23	252	251	63	62	21	21
Colorado	217	224*	64	70*	25	36*	264	266	77	79	30	35*
Connecticut	222	227*	69	73	34	41*	270	267	81	77	40	37
Delaware	213	225*	57	73*	24	34*	254	265*	64	77*	23	31*
District of Columbia	188	197*	30	39*	10	14*	236	241*	44	48	11	12
Florida	208	224*	53	70*	21	34*	255	260*	67	71*	23	28*
Georgia	212	219*	57	66*	25	28	257	259	68	70	25	26
Hawaii	203	213*	48	59*	17	26*	249	251	59	62*	19	20
Idaho	219	223*	67	70*	28	35*	—	265	—	78	—	32
Illinois	—	219	—	65	—	32	—	263	—	75	—	30
Indiana	221	222	68	68	30	33	—	264	—	76	—	31
Iowa	225	225	73	74	36	36	—	267	—	80	—	36
Kansas	—	225	—	72	—	36	268	267	81	81	36	35
Kentucky	213	222*	58	68*	23	33*	262	262	74	73	30	28
Louisiana	204	207	46	52*	15	20*	252	253	63	64	17	19
Maine	227	226	75	73	36	36	271	270	83	83	41	37
Maryland	211	225*	57	69*	24	36*	261	265	70	76*	31	33
Massachusetts	226	236*	74	81*	36	49*	269	273*	79	84*	38	43*
Michigan	216	220*	62	66	26	32*	—	260	—	72	—	28
Minnesota	221	225*	68	73*	31	37*	265	268	78	80	36	37
Mississippi	199	208*	41	51*	14	19*	251	250	62	60	19	17
Missouri	220	221	67	67	30	32	262	263	75	75	28	31
Montana	—	227	—	75	—	39	271	271	83	85	40	39
Nebraska	221	223	68	71	31	35	—	267	—	79	—	35
Nevada	—	211	—	57	—	24	258	252*	70	63*	23	22
New Hampshire	228	229	76	76	38	41	—	270	—	82	—	37
New Jersey	223	231*	69	77*	35	43*	—	270	—	81	—	39
New Mexico	211	212	55	58	23	24	258	251*	71	62*	23	17*
New York	215	224*	61	69*	27	36*	265	264	76	75	32	32
North Carolina	212	218*	56	64*	25	29*	262	259*	74	71	30	28
North Dakota	226	226	74	75	35	35	—	268	—	84	—	32
Ohio	217	226*	63	73*	27	36*	—	268	—	79	—	36
Oklahoma	220	217*	67	65	29	27	265	260*	80	72*	30	26
Oregon	—	215	—	62	—	28	266	266	78	77	35	34
Pennsylvania	221	226*	68	73*	32	40*	—	268	—	79	—	36

See notes at end of table.

## Reading Performance of Students in Grades 4, 8, and 12

**Table 12-3. Average reading scale scores and achievement-level results for public school 4th- and 8th-graders, by state: 1992, 1998, and 2007**  
—Continued

State	Grade 4						Grade 8					
	Average score		Percentage of students				Average score		Percentage of students			
			At or above Basic		At or above Proficient				At or above Basic		At or above Proficient	
	1992 <sup>1</sup>	2007	1992 <sup>1</sup>	2007	1992 <sup>1</sup>	2007	1998 <sup>2</sup>	2007	1998 <sup>2</sup>	2007	1998 <sup>2</sup>	2007
Rhode Island	217	219	63	65	28	31	264	258*	76	69*	32	27*
South Carolina	210	214*	53	59*	22	26*	255	257	66	69	22	25
South Dakota	—	223	—	71	—	34	—	270	—	83	—	37
Tennessee	212	216	57	61	23	27	258	259	71	71	27	26
Texas	213	220*	57	66*	24	30*	261	261	74	73	27	28
Utah	220	221	67	69	30	34	263	262	77	75	31	30
Vermont	—	228	—	74	—	41	—	273	—	84	—	42
Virginia	221	227*	67	74*	31	38*	266	267	78	79	33	34
Washington	—	224	—	70	—	36	264	265	76	77	32	34
West Virginia	216	215	61	63	25	28	262	255*	75	68*	28	23*
Wisconsin	224	223	71	70	33	36	265	264	78	76	34	33
Wyoming	223	225	71	73	33	36*	263	266*	76	80	31	33

— Not available (state did not participate in assessment).

\* Change in score is statistically significant from 1992 or 1998 ( $p < .05$ ).

<sup>1</sup> 1992 was the first year for state-level data in grade 4. Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted.

<sup>2</sup> 1998 was the first year for state-level data in grade 8. Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were permitted.

NOTE: The National Assessment of Educational Progress (NAEP) reading scale ranges from 0 to 500. State samples were not collected for grade 12; therefore, state results for grade 12 are not available. At the state level, NAEP includes only students in public schools, while other reported national results in this indicator include both public and private school students. Variations or changes in exclusion rates for students with disabilities and limited-English-proficient students in the NAEP samples may affect comparative performance results. The 2007 NAEP national sample for grades 4 and 8 was obtained by aggregating the samples from each state and the District of Columbia, rather than by obtaining an independently selected national sample. As a consequence, the size of the national samples for grades 4 and 8 increased, and smaller differences between years or between types of students were found to be statistically significant than would have been detected in previous assessments. See *supplemental note 4* for more information on NAEP.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1998, and 2007 Reading Assessments, NAEP Data Explorer.

## Reading Performance of Students in Grades 4, 8, and 12

**Table S12-1. Standard errors for the average reading scale scores and percentage of students at each achievement level, by grade: Selected years, 1992–2007**

Grade, scale score, and achievement level	1992 <sup>1</sup>	1994 <sup>1</sup>	1998 <sup>1</sup>	1998	2002	2003	2005	2007
<b>Grade 4</b>								
Average scale score	0.9	1.0	0.8	1.1	0.4	0.3	0.2	0.3
Percentage at each achievement level								
Below <i>Basic</i>	1.1	1.0	0.9	1.2	0.5	0.3	0.3	0.3
At or above <i>Basic</i>	1.1	1.0	0.9	1.2	0.5	0.3	0.3	0.3
At or above <i>Proficient</i>	1.2	1.1	0.9	0.9	0.4	0.3	0.2	0.3
At <i>Advanced</i>	0.6	0.7	0.5	0.5	0.2	0.1	0.1	0.2
<b>Grade 8</b>								
Average scale score	0.9	0.8	0.8	0.8	0.4	0.3	0.2	0.2
Percentage at each achievement level								
Below <i>Basic</i>	1.0	0.9	0.9	0.8	0.5	0.3	0.2	0.2
At or above <i>Basic</i>	1.0	0.9	0.9	0.8	0.5	0.3	0.2	0.2
At or above <i>Proficient</i>	1.1	0.9	0.9	1.1	0.5	0.3	0.2	0.2
At <i>Advanced</i>	0.3	0.3	0.4	0.3	0.2	0.1	0.1	0.1
<b>Grade 12</b>								
Average scale score	0.6	0.7	0.7	0.6	0.7	†	0.6	†
Percentage at each achievement level								
Below <i>Basic</i>	0.6	0.7	0.9	0.7	0.8	†	0.8	†
At or above <i>Basic</i>	0.6	0.7	0.9	0.7	0.8	†	0.8	†
At or above <i>Proficient</i>	0.8	1.0	0.9	0.7	0.8	†	0.7	†
At <i>Advanced</i>	0.3	0.5	0.4	0.4	0.3	†	0.3	†

† Not applicable.

<sup>1</sup> Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), selected years, 1992–2007 Reading Assessments, NAEP Data Explorer.

## Reading Performance of Students in Grades 4, 8, and 12

**Table S12-2. Standard errors for the average reading scale scores, by grade and selected student and school characteristics: 1992, 2005, and 2007**

Student or school characteristic	Grade 4			Grade 8			Grade 12	
	1992	2005	2007	1992	2005	2007	1992	2005
<b>Total</b>	<b>0.9</b>	<b>0.2</b>	<b>0.3</b>	<b>0.9</b>	<b>0.2</b>	<b>0.2</b>	<b>0.6</b>	<b>0.6</b>
<b>Sex</b>								
Male	1.2	0.2	0.3	1.1	0.2	0.3	0.7	0.8
Female	1.0	0.3	0.3	1.0	0.2	0.3	0.7	0.7
<b>Race/ethnicity</b>								
White	1.2	0.2	0.2	1.1	0.2	0.2	0.6	0.7
Black	1.7	0.3	0.4	1.7	0.4	0.4	1.4	1.2
Hispanic	2.6	0.5	0.5	1.6	0.4	0.4	2.7	1.2
Asian/Pacific Islander	2.9	0.7	1.0	3.9	0.8	1.1	3.2	1.9
American Indian/Alaska Native	†	1.3	1.2	†	1.4	1.2	†	6.3
<b>Parents' education</b>								
Did not finish high school	†	†	†	1.4	0.5	0.5	1.4	1.7
Graduated from high school	†	†	†	1.4	0.4	0.4	0.8	0.9
Some education after high school	†	†	†	1.1	0.3	0.3	0.8	0.8
Graduated from college	†	†	†	1.0	0.2	0.2	0.8	0.7
<b>Locale</b>								
<b>Metro-centric codes</b>								
Central city	†	0.4	†	†	0.4	†	†	1.1
Urban fringe/large town	†	0.3	†	†	0.3	†	†	1.0
Rural/small town	†	0.3	†	†	0.4	†	†	1.1
<b>Urban-centric codes</b>								
City	†	†	0.6	†	†	0.5	†	†
Suburban	†	†	0.4	†	†	0.4	†	†
Town	†	†	0.6	†	†	0.5	†	†
Rural	†	†	0.4	†	†	0.4	†	†
<b>Students in school eligible for free or reduced-price lunch</b>								
10 percent or less	†	0.5	0.6	†	0.4	0.6	†	2.0
11–25 percent	†	0.3	0.5	†	0.4	0.5	†	1.3
26–50 percent	†	0.3	0.4	†	0.3	0.4	†	1.1
51–75 percent	†	0.4	0.4	†	0.4	0.5	†	1.8
More than 75 percent	†	0.4	0.5	†	0.6	0.7	†	2.0

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 2005, and 2007 Reading Assessments, NAEP Data Explorer.



## Reading Performance of Students in Grades 4, 8, and 12

**Table S12-3. Standard errors for the average reading scale scores and achievement-level results for public school 4th- and 8th-graders, by state: 1992, 1998, and 2007**

State	Grade 4						Grade 8					
	Average score		Percentage of students				Average score		Percentage of students			
			At or above Basic		At or above Proficient				At or above Basic		At or above Proficient	
	1992	2007	1992	2007	1992	2007	1998	2007	1998	2007	1998	2007
<b>United States</b>	<b>1.0</b>	<b>0.3</b>	<b>1.1</b>	<b>0.3</b>	<b>1.3</b>	<b>0.3</b>	<b>0.8</b>	<b>0.2</b>	<b>0.8</b>	<b>0.3</b>	<b>1.1</b>	<b>0.2</b>
Alabama	1.7	1.3	2.1	1.4	1.5	1.4	1.4	1.0	2.1	1.2	1.9	1.3
Alaska	†	1.0	†	1.2	†	1.0	†	1.0	†	1.2	†	1.2
Arizona	1.2	1.6	1.8	1.7	1.2	1.5	1.1	1.2	1.5	1.6	1.4	1.4
Arkansas	1.2	1.2	1.5	1.3	1.2	1.3	1.3	1.0	1.4	1.3	1.4	1.1
California	2.0	1.0	2.2	1.0	1.7	0.9	1.6	0.8	2.0	0.8	1.9	0.8
Colorado	1.1	1.1	1.6	1.3	1.4	1.4	1.0	1.0	1.2	1.2	1.4	1.5
Connecticut	1.3	1.3	1.7	1.4	1.4	1.6	1.0	1.6	1.4	1.7	1.6	1.7
Delaware	0.6	0.7	1.2	1.2	1.1	1.4	1.3	0.6	2.0	0.8	1.4	1.2
District of Columbia	0.8	0.9	1.0	1.1	0.6	0.8	2.1	0.7	2.4	1.1	1.0	1.0
Florida	1.2	0.8	1.6	1.0	1.1	1.0	1.4	1.2	1.8	1.3	1.7	1.3
Georgia	1.5	0.9	1.7	1.3	1.5	1.5	1.4	1.0	1.7	1.4	1.4	1.4
Hawaii	1.7	1.1	1.9	1.4	1.5	1.4	1.0	0.8	1.3	1.0	1.2	0.9
Idaho	0.9	0.8	1.3	1.0	1.2	1.2	†	0.9	†	0.8	†	1.3
Illinois	†	1.2	†	1.6	†	1.3	†	1.0	†	1.1	†	1.5
Indiana	1.3	0.9	1.6	1.2	1.5	1.3	†	1.1	†	1.1	†	1.5
Iowa	1.1	1.1	1.4	1.6	1.6	1.4	†	0.9	†	1.0	†	1.4
Kansas	†	1.1	†	1.2	†	1.5	1.4	0.8	1.6	1.0	1.8	1.2
Kentucky	1.3	1.1	1.7	1.4	1.6	1.4	1.4	1.0	1.7	1.2	1.8	1.2
Louisiana	1.2	1.6	1.6	2.0	1.1	1.4	1.4	1.1	1.9	1.6	1.5	1.2
Maine	1.1	0.9	1.4	1.1	1.7	1.4	1.2	0.8	1.4	1.0	1.9	1.3
Maryland	1.6	1.1	1.8	1.3	1.2	1.5	1.8	1.2	1.9	1.3	2.1	1.5
Massachusetts	0.9	1.1	1.3	1.1	1.5	1.7	1.4	1.0	1.3	0.9	1.7	1.5
Michigan	1.5	1.4	1.9	1.7	2.0	1.6	†	1.2	†	1.5	†	1.3
Minnesota	1.2	1.1	1.7	1.3	1.5	1.5	1.4	0.9	1.4	1.2	1.7	1.2
Mississippi	1.3	1.0	1.7	1.4	0.9	1.0	1.2	1.1	1.7	1.4	1.2	1.4
Missouri	1.2	1.1	1.5	1.3	1.5	1.3	1.3	1.0	1.8	1.1	1.6	1.2
Montana	†	1.0	†	1.0	†	1.8	1.3	0.8	1.6	1.0	1.5	1.4
Nebraska	1.1	1.3	1.5	1.4	1.5	1.5	†	0.9	†	1.2	†	1.3
Nevada	†	1.2	†	1.3	†	1.3	1.0	0.8	1.3	0.9	1.2	1.0
New Hampshire	1.2	0.9	1.8	0.9	1.6	1.5	†	0.9	†	1.2	†	1.3
New Jersey	1.4	1.2	1.8	1.3	1.8	1.5	†	1.1	†	1.0	†	1.5
New Mexico	1.5	1.3	1.7	1.5	1.7	1.6	1.2	0.8	1.7	1.3	1.3	0.9
New York	1.4	1.0	1.4	1.2	1.3	1.3	1.5	1.1	1.7	1.3	1.9	1.4
North Carolina	1.1	0.9	1.4	1.2	1.3	1.1	1.1	1.1	1.2	1.3	1.4	1.1
North Dakota	1.1	0.9	1.8	1.2	1.5	1.4	†	0.7	†	1.0	†	1.3
Ohio	1.3	1.1	1.7	1.5	1.6	1.6	†	1.2	†	1.2	†	1.6
Oklahoma	0.9	1.1	1.2	1.5	1.3	1.2	1.2	0.8	1.2	1.0	1.9	1.2
Oregon	†	1.4	†	1.5	†	1.5	1.5	0.9	1.4	1.2	2.1	1.7
Pennsylvania	1.3	1.0	1.7	1.3	1.7	1.1	†	1.2	†	1.4	†	1.5

See notes at end of table.

## Reading Performance of Students in Grades 4, 8, and 12

**Table S12-3. Standard errors for the average reading scale scores and achievement-level results for public school 4th- and 8th-graders, by state: 1992, 1998, and 2007—Continued**

State	Grade 4						Grade 8					
	Average score		Percentage of students				Average score		Percentage of students			
			At or above <i>Basic</i>		At or above <i>Proficient</i>				At or above <i>Basic</i>		At or above <i>Proficient</i>	
	1992	2007	1992	2007	1992	2007	1998	2007	1998	2007	1998	2007
Rhode Island	1.8	1.0	2.2	1.2	1.7	1.2	0.9	0.9	1.4	1.2	1.2	1.1
South Carolina	1.3	1.2	1.9	1.5	1.4	1.3	1.1	0.9	1.6	1.2	1.0	1.4
South Dakota	†	1.0	†	1.2	†	1.6	†	0.7	†	0.9	†	1.9
Tennessee	1.4	1.2	1.7	1.6	1.5	1.2	1.2	1.0	1.5	1.3	1.6	1.1
Texas	1.6	0.9	2.0	1.1	1.8	1.1	1.4	0.9	1.7	1.0	1.6	1.2
Utah	1.1	1.2	1.6	1.4	1.6	1.4	1.0	1.0	1.2	1.1	1.6	1.2
Vermont	†	0.8	†	1.2	†	1.2	†	0.8	†	1.1	†	1.3
Virginia	1.4	1.1	1.8	1.5	1.6	1.4	1.1	1.1	1.2	1.2	1.3	1.6
Washington	†	1.4	†	1.5	†	1.7	1.2	0.9	1.5	1.1	1.7	1.3
West Virginia	1.3	1.1	1.4	1.2	1.4	1.1	1.0	1.0	1.2	1.2	1.1	1.1
Wisconsin	1.0	1.2	1.3	1.4	1.3	1.4	1.8	1.0	2.2	1.3	1.8	1.7
Wyoming	1.1	0.5	1.6	1.0	1.5	1.0	1.3	0.7	1.8	1.1	1.5	1.0

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1998, and 2007 Reading Assessments, NAEP Data Explorer.