

## NAEP Grade 4 & 8: A break down by number of states.

Only statistically significant differences between states are shown. Jurisdictions included are the 50 states, the District of Columbia, and the Department of Defense Schools

### Grade 4: How many states are higher, the same as, or lower than Rhode Island?

Reading Percent at or above Basic: Rhode Island 62% (no change from 2003)

Higher than RI	26 (includes CT, ME, MA, NH, VT)
The same as RI	17 (includes the Nation)
Lower than RI	9

Math Percent at or above Basic: Rhode Island: 76% (increase of 4% from 2003)

Higher than RI	32 (includes Nation, CT, NT, ME, NH, MA)
The same as RI	13
Lower than RI	7

### Grade 8: How many states are higher, not different from, or lower than Rhode Island?

Reading Percent at or above Basic: Rhode Island 71% (no change from 2003)

Higher than RI	25 (includes ME, MA, NH, VT)
The same as RI	14 (includes Nation, CT)
Lower than RI	13

Math Percent at or above Basic: Rhode Island: 63% (no change from 2003)

Higher than RI	35 (includes Nation, CT, ME, MA, NH, VT)
The same as RI	11
Lower than RI	6

2005 NAEP percent of students at/above Basic by School Location; Grade 4 8 Reading and Mathematics

<b>Grade 4 Reading</b>		<b>Central City</b>	<b>Urban Fringe</b>	<b>Rural</b>
	Rhode Island	46%	69%	74%
	Northeast	54%	76%	73%
	Nation	54%	67%	64%

<b>Grade 8 Reading</b>				
	Rhode Island	56%	78%	85%
	Northeast	54%	79%	79%
	Nation	63%	75%	74%

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<b>Grade 4 Mathematics</b>				
	Rhode Island	62%	82%	89%
	Northeast	71%	88%	89%
	Nation	72%	83%	82%

<b>Grade 8 Mathematics</b>				
	Rhode Island	43%	73%	82%
	Northeast	54%	73%	79%
	Nation	59%	72%	71%

<b>Distribution of student population across locations</b>				
<b>Grade 4 Reading</b>		<b>Central City</b>	<b>Urban Fringe</b>	<b>Rural</b>
	Rhode Island	35%	54%	11%
	Northeast	26%	56%	18%
	Nation	31%	44%	25%
<b>Grade 8 Reading</b>				
	Rhode Island	32%	57%	11%
	Northeast	26%	55%	19%
	Nation	30%	43%	27%
<b>Grade 4 Mathematics</b>				
	Rhode Island	35%	54%	11%
	Northeast	26%	56%	18%
	Nation	31%	44%	25%
<b>Grade 8 Mathematics</b>				
	Rhode Island	34%	55%	11%
	Northeast	26%	43%	27%
	Nation	30%	43%	27%

**Rhode Island Districts in each location as defined by the U.S. Census and used for the NAEP 2005  
Assessments**

**Mid-size Central City**

Pawtucket  
Providence  
Warwick  
Woonsocket

**Urban Fringe**

Barrington  
Bristol Warren  
Burrillville  
Central Falls  
Cranston  
Cumberland  
East Greenwich  
East Providence  
Jamestown  
Johnston  
Lincoln  
Middletown  
Narragansett  
Newport  
North Kingstown  
North Providence  
Portsmouth  
Smithfield  
South Kingstown  
Westerly  
West Warwick

**Rural**

Charlton  
Coventry  
Exeter-West Greenwich  
Foster  
Foster-Glocester  
Glocester  
Little Compton  
New Shoreham  
North Smithfield  
Scituate  
Tiverton

**NAEP Grade 4 Mathematics Summary of Average Scale Score and percent at/above Basic for Rhode Island (1992 - 2005)**

		<b>1992</b>	<b>2003</b>	<b>2005</b>	<b>Change from '03 to '05</b>
All Students	Average Scale Score (AvSS)*	215 (B)	230 (B)	233 (B)	+ 3
	% at/above Basic	54%	72%	76%	+4%
Male (51%)	AvSS*	216 (B)	231 (B)	234 (B)	+ 3
	% at/above Basic	55%	73%	76%	+ 3%
Female (49%)	AvSS*	215 (B)	229 (B)	233 (B)	+ 4
	% at/above Basic	53%	70%	77%	+ 7%
White (73%)	AvSS*	221 (B)	239 (B)	241 (B)	+ 2
	% at/above Basic	62%	83%	86%	+3%
Black (8%)	AvSS*	191 (BB)	210 (BB)	211 (B)	+ 1
	% at/above Basic	22%	45%	46%	+ 1%
Hispanic (16%)	AvSS*	186 (BB)	207 (BB)	211 (B)	+ 4
	% at/above Basic	15%	42%	48%	+ 6%
Asian (2%)	AvSS*	185 (BB)	225 (B)	240 (B)	+15
	% at/above Basic	16%	63%	83%	+20%
Free/Red. Lunch (38%)	AvSS*	<b>1996</b> 204 (BB)	<b>2003</b> 217 (B)	<b>2005</b> 218 (B)	+ 1
	% at/above Basic	41%	55%	57%	+8%
Students with Disabilities (18%)	AvSS*	<b>2000</b> 210 (BB)	<b>2003</b> 210 (BB)	<b>2005</b> 215 (B)	+ 5
	% at/above Basic	46%	44%	52%	+8%
ELL (6%)	AvSS*	<b>2000</b> 182 (BB)	<b>2003</b> 196 (BB)	<b>2005</b> 199 (BB)	+ 3
	% at/above Basic	13%	23%	29%	+6%

\* The Average Scale Score reflects the subgroup as a whole and is not necessarily the Average Scale Score achieved by those students at or above Basic.

**NAEP Mathematics Cut Scores - 4th Grade**

Advanced (A)	282 - 500
Proficient (P)	249 - 281
Basic (B)	214 - 248
Below Basic (BB)	0 - 213

The shaded area denotes a statistically significant difference between the 2003 and 2005 values.

**NAEP Grade 4 Reading summary of Average Scale Scores and percent at and above Proficient for Rhode Island (1992 - 2005)**

		<b>1992</b>	<b>2003</b>	<b>2005</b>	<b>Change from '03 to '05</b>
All Students	Average Scale Score (AvSS)*	216 (B)	216 (B)	216 (B)	0
	% at/above Basic	63%	62%	62%	0
Male (50%)	AvSS*	215 (B)	213 (B)	212 (B)	-1
	% at/above Basic	56%	59%	58%	-1
Female (50%)	AvSS*	218 (B)	220 (B)	221 (B)	+1
	% at/above Basic	65%	66%	66%	0
White (72%)	AvSS*	223 (B)	224 (B)	224 (P)	0
	% at/above Basic	69%	71%	70	-1
Black (8%)	AvSS*	192 (BB)	196 (B)	197 (B)	+1
	% at/above Basic	32%	40%	40%	0
Hispanic (16%)	AvSS*	193 (BB)	196 (BB)	192 (BB)	-4
	% at/above Basic	<i>no data</i>	39%	35%	-1%
Asian (3%)	AvSS*	187 (BB)	221 (B)	219 (B)	-2
	% at/above Basic	27%	67%	64%	-3%
Free/Reduced Lunch (37%)	AvSS*	<b>1998</b> 196 (BB)	<b>2003</b> 200 (BB)	<b>2005</b> 197 (BB)	-3
	% at/above Basic	41%	44%	41%	-3%
Students w/ Disabilities (18%)	AvSS*	<b>1998</b> 195	<b>2003</b> 190 (BB)	<b>2005</b> 190 (BB)	0
	% at/above Basic	41%	34%	34%	0
ELL (6%)	AvSS*	<b>1998</b> <i>No data</i>	<b>2003</b> 177 (BB)	<b>2005</b> 172 (BB)	-5
	% at/above Basic	<i>No data</i>	19%	15%	-4%

\* The Average Scale Score reflects the student group as a whole and is not necessarily the Average Scale Score achieved by those students at or above Basic.

**NAEP Reading Cut Scores - 8th Grade**

Advanced (A)	268 - 500
Proficient (P)	238 - 267
Basic (B)	208 - 238
Below Basic (BB)	0 - 207

The shaded area denotes a statistically significant difference between the 2003 and 2005 values.

**NAEP Grade 8 Reading summary of Average Scale Scores and percent at and above Proficient for Rhode Island (1998 - 2005)**

		<b>1998</b>	<b>2003</b>	<b>2005</b>	<b>Change from '03 to '05</b>
All Students	Average Scale Score (AvSS)* % at/above Basic	262 (B) 74%	261 (B) 71%	261 (B) 71%	0 0
Male (50%)	AvSS* % at/above Basic	259 (BB) 70%	256 (BB) 66%	256 (BB) 66%	0 0
Female (50%)	AvSS* % at/above Basic	268 (B) 81%	266 (BB) 77%	266 (B) 76%	0 - 1%
White (74%)	AvSS* % at/above Basic	268 (B) 80%	267 (B) 78%	268 (B) 78%	+ 1 0
Black (8%)	AvSS* % at/above Basic	246 (BB) 58%	241 (BB) 50%	243 (BB) 53%	- 2 - 1%
Hispanic (14%)	AvSS* % at/above Basic	241 (BB) 46%	238 (BB) 46%	237 (BB) 48%	- 1 +2%
Asian (3%)	AvSS* % at/above Basic	260 (BB) 69%	252 (BB) 58%	257 (BB) 67%	+ 5 +9%
Free/Reduced Lunch (30%)	AvSS* % at/above Basic	246 (BB) 56%	245 (BB) 55%	243 (BB) 53%	- 2 -2%
Students w/ Disabilities (17%)	AvSS* % at/above Basic	233 (BB) 40%	233 (BB) 39%	230 (BB) 37%	-3 - 2%
ELL (3%)	AvSS* % at/above Basic	No data No data	220 (BB) 24%	215 (BB) 26%	- 5 + 2%

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**NAEP Reading Cut Scores - 8th Grade**  
 Advanced (A) 323 - 500  
 Proficient (P) 281 - 322  
 Basic (B) 243 - 280  
 Below Basic (BB) 0 - 242

The shaded area denotes a statistically significant difference between the 2003 and 2005 values.

**NAEP Grade 8 Mathematics Summary of Average Scale Scores and percent at and above Basic for Rhode Island (1990 - 2005)**

		<b>1990</b>	<b>2003</b>	<b>2005</b>	<b>Change from '03 to '05</b>
All Students	Average Scale Score (AvSS)*	260 (BB)	272 (B)	272 (B)	0
	% at/above Basic	49%	63%	63%	0
Male	AvSS*	262 (B)	273 (B)	272 (B)	- 1
	% at/above Basic	50%	63%	63	0
Female	AvSS*	259 (BB)	271 (B)	273	+ 2
	% at/above Basic	48%	62%	64%	+ 2%
White (73%)	AvSS*	265 (B)	280 (B)	281 (B)	+ 1
	% at/above Basic	54%	72%	73	+1%
Black (8%)	AvSS*	228 (BB)	244 (BB)	249 (BB)	+ 5
	% at/above Basic	14%	29%	34%	+5%
Hispanic (15%)	AvSS*	227 (BB)	245 (BB)	244 (BB)	- 1
	% at/above Basic	13%	29%	29%	0
Asian (3%)	AvSS*	<b>1996</b> 263 (B)	<b>2003</b> 265 (B)	<b>2005</b> 278	+ 13
	% at/above Basic	52%	54%	74%	+20%
Free/Reduced Lunch (31%)	AvSS*	<b>1996</b> 250 (BB)	<b>2003</b> 253 (BB)	<b>2005</b> 252 (BB)	- 1
	% at/above Basic	38%	41%	39%	+2%
Students w/ Disabilities (15%)	AvSS*	<b>2000</b> 236 (BB)	<b>2003</b> 244 (BB)	<b>2005</b> 241 (BB)	-3
	% at/above Basic	23%	31%	26%	+5%
ELL (4%)	AvSS*	<b>2000</b> <i>no data</i>	<b>2003</b> 228 (BB)	<b>2005</b> 224 (BB)	- 4
	% at/above Basic	<i>no data</i>	13%	11%	- 2%

\* The Average Scale Score reflects the subgroup as a whole and is not necessarily the Average Scale Score achieved by those students at or above Basic.

**NAEP Mathematics Cut Scores - 8th Grade**

Advanced (A)	333 - 500
Proficient (P)	299 - 332
Basic (B)	262 - 298
Below Basic (BB)	0 - 261

The shaded area denotes a statistically significant difference between the 2003 and 2005 values.