

## 2007 NAEP Summary of Statistically Significant Changes by Sugroup

### Grade 4 READING

|                    | Average Scale Score | % at/above Basic    |
|--------------------|---------------------|---------------------|
| All Students       | ↔                   | ↔                   |
| Male               | ↔                   | ↔                   |
| Female             | ↔                   | ↔                   |
| White              | ↔                   | ↔                   |
| Black              | ↔                   | ↔                   |
| Hispanic           | ↔                   | ↔                   |
| Asian              | ↔                   | ↔                   |
| Free/Reduced Lunch | ↑                   | ↑                   |
| ELL                | ↔                   | ↔                   |
| SD                 | ↔                   | ↔                   |
| Nation             | RI is lower         | RI is not different |
| New England        | RI is lower         | RI is lower         |

### Grade 8 READING

|                    | Average Scale Score | % at/above Basic |
|--------------------|---------------------|------------------|
| All Students       | ↓                   | ↔                |
| Male               | ↔                   | ↔                |
| Female             | ↓                   | ↔                |
| White              | ↔                   | ↔                |
| Black              | ↔                   | ↔                |
| Hispanic           | ↔                   | ↔                |
| Asian              | ↔                   | ↔                |
| Free/Reduced Lunch | ↔                   | ↔                |
| ELL                | ↔                   | ↔                |
| SD                 | ↔                   | ↔                |
| Nation             | RI is lower         | RI is lower      |
| New England        | RI is lower         | RI is lower      |

**2007 NAEP Summary of Statistically Significant Changes by Sugroup**

**Grade 4 MATHEMATICS**

|                    | Average Scale Score | % at/above Basic    |
|--------------------|---------------------|---------------------|
| All Students       | ↔                   | ↔                   |
| Male               | ↔                   | ↔                   |
| Female             | ↔                   | ↔                   |
| White              | ↔                   | ↔                   |
| Black              | ↑                   | ↑                   |
| Hispanic           | ↑                   | ↑                   |
| Asian              | ↔                   | ↔                   |
| Free/Reduced Lunch | ↑                   | ↑                   |
| ELL                | ↔                   | ↑                   |
| SD                 | ↔                   | ↔                   |
| Nation             | RI is lower         | RI is not different |
| New England        | RI is lower         | RI is lower         |

**Grade 8 MATHEMATICS**

|                    | Average Scale Score | % at/above Basic |
|--------------------|---------------------|------------------|
| All Students       | ↑                   | ↔                |
| Male               | ↑                   | ↔                |
| Female             | ↔                   | ↔                |
| White              | ↑                   | ↔                |
| Black              | ↔                   | ↔                |
| Hispanic           | ↑                   | ↔                |
| Asian              | ↔                   | ↔                |
| Free/Reduced Lunch | ↑                   | ↔                |
| ELL                | not enough data     |                  |
| SD                 | ↔                   | ↔                |
| Nation             | RI is lower         | RI is lower      |
| New England        | RI is lower         | RI is lower      |

**NAEP Grade 4 Reading summary of Average Scale Scores and percent at and above Basic for Rhode Island (2003 - 2007)**

|   |                             | <b>2003</b> | <b>2005</b> | <b>2007</b> | <b>Change from<br/>'03 to '07</b> | <b>Change from<br/>'05 to '07</b> |
|---|-----------------------------|-------------|-------------|-------------|-----------------------------------|-----------------------------------|
| <b>All Students</b>                                     | Average Scale Score (AvSS)* | 216         | 216         | 219         | 3                                 | <b>3</b>                          |
|   | % at/above Basic            | 62%         | 62%         | 65%         | 3%                                | <b>3%</b>                         |
| <b>Male</b>   | AvSS*                       | 213         | 212         | 215         | 2                                 | <b>3</b>                          |
|   | % at/above Basic            | 59%         | 58%         | 61%         | 2%                                | <b>3%</b>                         |
| <b>Female</b>   | AvSS*                       | 220         | 221         | 223         | 3                                 | <b>2</b>                          |
|   | % at/above Basic            | 66%         | 66%         | 70%         | 4%                                | <b>4%</b>                         |
| <b>White</b><br>(72% in 2005; 68% in 2007*)             | AvSS*                       | 224         | 224         | 227         | 3                                 | <b>3</b>                          |
|   | % at/above Basic            | 71%         | 70%         | 75%         | 4%                                | <b>5%</b>                         |
| <b>Black (8%)</b><br>(8% in 2005; 9% in 2007)           | AvSS*                       | 196         | 197         | 198         | 2                                 | <b>1</b>                          |
|   | % at/above Basic            | 40%         | 40%         | 40%         | 0%                                | <b>0%</b>                         |
| <b>Hispanic</b><br>(16% in 2005; 18% in 2007)           | AvSS*                       | 196         | 192         | 198         | 2                                 | <b>6</b>                          |
|   | % at/above Basic            | 39%         | 35%         | 43%         | 4%                                | <b>8%</b>                         |
| <b>Asian</b><br>(3% in 2005; 4% in 2007)                | AvSS*                       | 221         | 219         | 219         | -2                                | <b>0</b>                          |
|   | % at/above Basic            | 67%         | 64%         | 64%         | -3%                               | <b>0%</b>                         |
| <b>Free/Reduced Lunch</b><br>(37% in 2005; 40% in 2007) | AvSS*                       | 200         | 197         | 202         | 2                                 | <b>5</b>                          |
|   | % at/above Basic            | 44%         | 41%         | 48%         | 4%                                | <b>7%</b>                         |
| Students w/ Disabilities (18%)                          | AvSS*                       | 190         | 190         | 190         | 0                                 | <b>0</b>                          |
|   | % at/above Basic            | 34%         | 34%         | 35%         | 1%                                | <b>1%</b>                         |
| ELL (6%)  | AvSS*                       | 177         | 172         | 177         | 0                                 | <b>5</b>                          |
|   | % at/above Basic            | 19%         | 15%         | 22%         | 3%                                | <b>7%</b>                         |

**NAEP Grade 8 Reading summary of Average Scale Scores and percent at and above Basic for Rhode Island (2003 - 2007)**

|  |                             | 2003 | 2005 | 2007 | Change from<br>'03 to '07 | Change from<br>'05 to '07 |
|--|-----------------------------|------|------|------|---------------------------|---------------------------|
| <b>All Students</b>  | Average Scale Score (AvSS)* | 261  | 261  | 258  | -3                        | <b>-3</b>                 |
|  | % at/above Basic            | 71%  | 71%  | 69%  | -2%                       | <b>-2%</b>                |
| <b>Male</b>  | AvSS*                       | 256  | 256  | 256  | 0                         | <b>0</b>                  |
|  | % at/above Basic            | 66%  | 67%  | 67%  | 1%                        | <b>0%</b>                 |
| <b>Female</b>  | AvSS*                       | 266  | 266  | 261  | <b>-5</b>                 | <b>-5</b>                 |
|  | % at/above Basic            | 77%  | 76%  | 72%  | <b>-5%</b>                | <b>-4%</b>                |
| <b>White</b><br>(74% in 2005; 70% in 2007*)                            | AvSS*                       | 267  | 268  | 267  | 0                         | <b>-1</b>                 |
|  | % at/above Basic            | 78%  | 78%  | 80%  | 2%                        | <b>2%</b>                 |
| <b>Black</b><br>(8% in 2005; 9% in 2007)                               | AvSS*                       | 241  | 243  | 239  | -2                        | <b>-4</b>                 |
|  | % at/above Basic            | 50%  | 53%  | 48%  | -2%                       | <b>-5%</b>                |
| <b>Hispanic</b><br>(14% in 2005; 18% in 2007*)                         | AvSS*                       | 238  | 237  | 233  | -5                        | <b>-4</b>                 |
|  | % at/above Basic            | 46%  | 48%  | 41%  | -5%                       | <b>-7%</b>                |
| <b>Asian</b><br>(3% in both 2005 and 2007)                             | AvSS*                       | 252  | 257  | 258  | 6                         | <b>1</b>                  |
|  | % at/above Basic            | 58%  | 67%  | 67%  | 9%                        | <b>0%</b>                 |
| <b>Free/Reduced Lunch (30%)</b><br>(30% in 2005 and 33% in 2007)       | AvSS*                       | 245  | 243  | 242  | <b>-3</b>                 | <b>-1</b>                 |
|  | % at/above Basic            | 55%  | 53%  | 51%  | -4%                       | <b>-2%</b>                |
| <b>Students w/ Disabilities (17%)</b><br>(17% in 2005 and 16% in 2007) | AvSS*                       | 233  | 230  | 229  | -4                        | <b>-1</b>                 |
|  | % at/above Basic            | 39%  | 37%  | 36%  | -3%                       | <b>-1%</b>                |
| <b>ELL</b><br>(3% in both 2005 and 2007)                               | AvSS*                       | 220  | 215  | 202  | <b>-18</b>                | <b>-13</b>                |
|  | % at/above Basic            | 24%  | 26%  | 13%  | -11%                      | <b>-13%</b>               |

**NAEP Grade 4 Mathematics Summary of Average Scale Score and percent at/above Basic for Rhode Island  
(2003 - 2007)**

|                                  |                             | 2003 | 2005 | 2007 | Change from<br>'03 to '07 | Change from<br>'05 to '07 |
|----------------------------------|-----------------------------|------|------|------|---------------------------|---------------------------|
| All Students                     | Average Scale Score (AvSS)* | 230  | 233  | 236  | 6                         | 3                         |
|                                  | % at/above Basic            | 72%  | 76%  | 80%  | 8%                        | 4%                        |
| Male (51%)                       | AvSS*                       | 231  | 234  | 236  | 5                         | 2                         |
|                                  | % at/above Basic            | 73%  | 76%  | 80%  | 7%                        | 4%                        |
| Female (49%)                     | AvSS*                       | 229  | 233  | 236  | 7                         | 3                         |
|                                  | % at/above Basic            | 70%  | 77%  | 79%  | 9%                        | 2%                        |
| White (73%)                      | AvSS*                       | 239  | 241  | 242  | 3                         | 1                         |
|                                  | % at/above Basic            | 83%  | 86%  | 86%  | 3%                        | 0%                        |
| Black (8%)                       | AvSS*                       | 210  | 211  | 219  | 9                         | 8                         |
|                                  | % at/above Basic            | 45%  | 46%  | 59%  | 14%                       | 13%                       |
| Hispanic (16%)                   | AvSS*                       | 207  | 211  | 220  | 13                        | 9                         |
|                                  | % at/above Basic            | 42%  | 48%  | 62%  | 20%                       | 14%                       |
| Asian (2%)                       | AvSS*                       | 225  | 240  | 244  | 19                        | 4                         |
|                                  | % at/above Basic            | 63%  | 83%  | 88%  | 25%                       | 5%                        |
| Free/Red. Lunch (38%)            | AvSS*                       | 217  | 218  | 222  | 5                         | 4                         |
|                                  | % at/above Basic            | 55%  | 57%  | 65%  | 10%                       | 8%                        |
| Students with Disabilities (18%) | AvSS*                       | 210  | 215  | 216  | 6                         | 1                         |
|                                  | % at/above Basic            | 44%  | 52%  | 55%  | 11%                       | 3%                        |
| ELL (6%)                         | AvSS*                       | 196  | 199  | 207  | 11                        | 8                         |
|                                  | % at/above Basic            | 23%  | 29%  | 44%  | 21%                       | 15%                       |

**NAEP Grade 8 Mathematics Summary of Average Scale Scores and percent at and above Basic for Rhode Island (2003 - 2007)**

|                                |                             | 2003 | 2005 | 2007       | Change from '03 to '07 | Change from '05 to '07 |
|--------------------------------|-----------------------------|------|------|------------|------------------------|------------------------|
| All Students                   | Average Scale Score (AvSS)* | 272  | 272  | 275        | 3                      | 3                      |
|                                | % at/above Basic            | 63%  | 63%  | 65%        | 2%                     | 2%                     |
| Male                           | AvSS*                       | 273  | 272  | 276        | 3                      | 4                      |
|                                | % at/above Basic            | 63%  | 63%  | 66%        | 3%                     | 3%                     |
| Female                         | AvSS*                       | 271  | 273  | 275        | 4                      | 2                      |
|                                | % at/above Basic            | 62%  | 64%  | 65%        | 3%                     | 1%                     |
| White (73%)                    | AvSS*                       | 280  | 281  | 284        | 4                      | 3                      |
|                                | % at/above Basic            | 72%  | 73%  | 75%        | 3%                     | 2%                     |
| Black (8%)                     | AvSS*                       | 244  | 249  | 250        | 6                      | 1                      |
|                                | % at/above Basic            | 29%  | 34%  | 39%        | 10%                    | 5%                     |
| Hispanic (15%)                 | AvSS*                       | 245  | 244  | 251        | 6                      | 7                      |
|                                | % at/above Basic            | 29%  | 29%  | 39%        | 10%                    | 10%                    |
| Asian (3%)                     | AvSS*                       | 265  | 278  | 282        | 17                     | 4                      |
|                                | % at/above Basic            | 54%  | 74%  | 71%        | 17%                    | -3%                    |
| Free/Reduced Lunch (31%)       | AvSS*                       | 253  | 252  | 257        | 4                      | 5                      |
|                                | % at/above Basic            | 41%  | 39%  | 45%        | 4%                     | 6%                     |
| Students w/ Disabilities (15%) | AvSS*                       | 244  | 241  | 243        | -1                     | 2                      |
|                                | % at/above Basic            | 31%  | 26%  | 29%        | -2%                    | 3%                     |
| ELL (4%)                       | AvSS*                       | 228  | 224  | not enough | 0                      | 0                      |
|                                | % at/above Basic            | 13%  | 11%  | data       | 0%                     | 0%                     |