

Connecticut

NAEP proficiency level and percentile data as well as results from state assessments demonstrate the existence of substantial Excellence Gaps for African-American, Hispanic, and Free and Reduced Lunch Eligible students. White students had higher average AP scores than African-American and Hispanic students on AP tests and were more likely to make a “5” on an AP exam or take an AP exam.

According to NAEP proficiency data, the percentage of students at the advanced level increased in Math Grade 4, but scores were stagnant except for a decline among African-American students in Grade 8. In Reading, African-American students improved in Grade 4 as did FARM and Hispanic students in Grade 8, while white and FARM students had weaker performances in Grade 4. The Excellence Gap increased in Math in Grade 4 as well as for African-American students in Grade 8, while in Reading it declined for Hispanic students, for African American students in Grade 4, and FARM students in Grade 8.

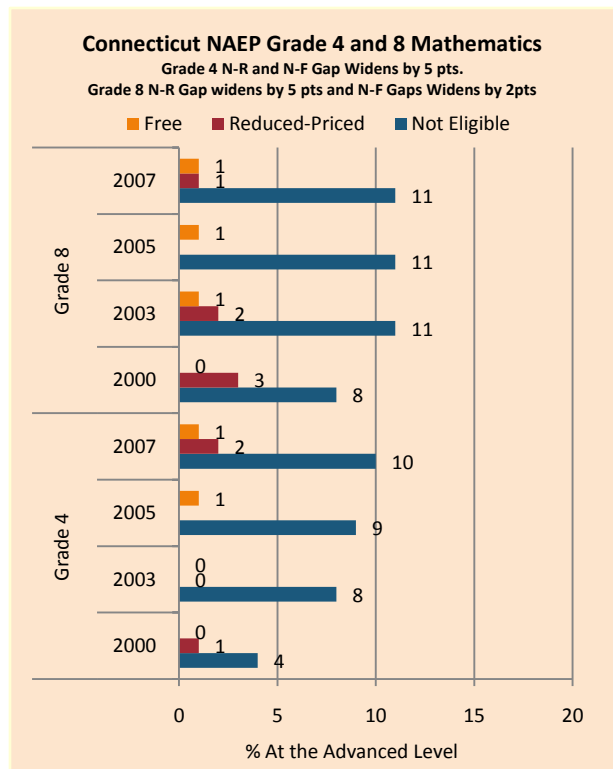
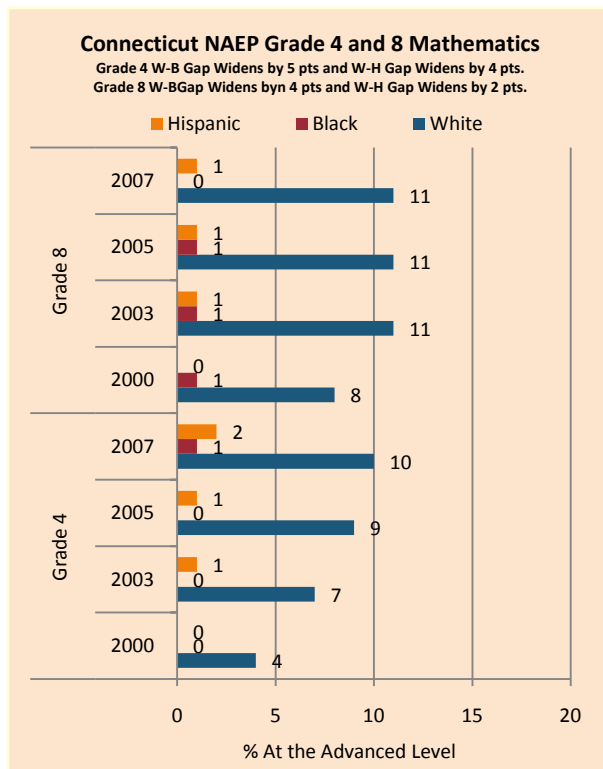
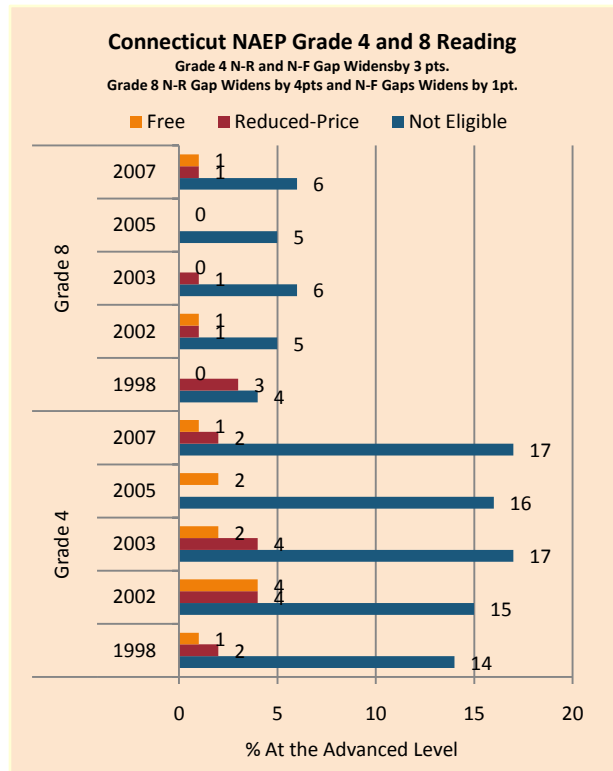
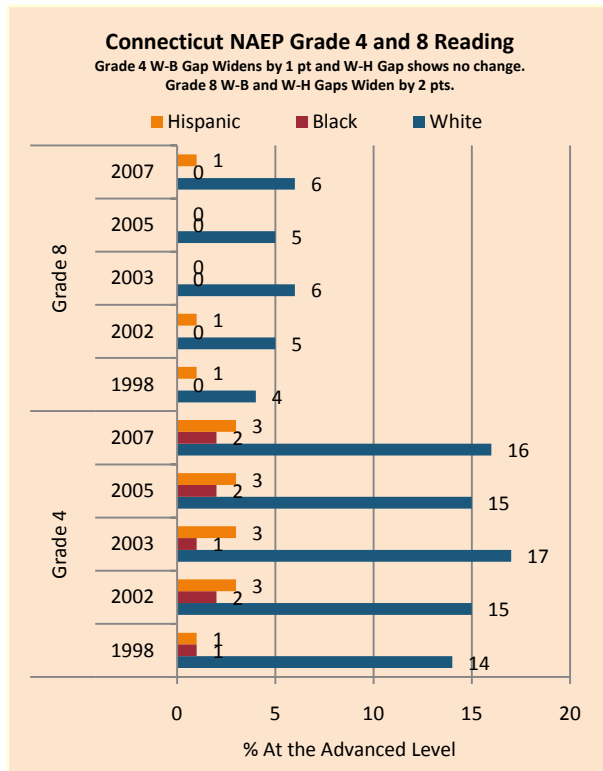
NAEP scale scores at the 90th percentile increased only in Math Grade 4, with stagnation or decline on other assessments except for African-American students gains in Reading Grade 4. The Excellence Gap narrowed in Math Grade 8, as well as in Reading (both grades) for FARM students, in Reading Grade 8 for African-American students, and Reading Grade 4 for Hispanic students.

While there has been a gradual increase in the proportion of students scoring at the advanced level in Grade 7 in both Math and Reading and in Grade 4 Math, white and more affluent students have improved more rapidly than their peers (Grade 4 Reading performance was stagnant). In Grade 10, the percentage of high-performing white and affluent students has increased, with basic stability among African-American, Hispanic, and low income students.

On AP exams, there were modest increases in achievement gaps as measured by mean AP scores. While there were increases in the gap between white and African-American students in the percentage of tests taken which received a 5, there was a decrease in the gap between white and Hispanic students. There was also an increase in the gap between white and minority students in the percentage of tests receiving a 5 on the AP exam weighted by enrollment and the number of tests taken weighted by enrollment.

Summary of State Policy as of 2006-2007

| State | Mandate Identify | Mandate Services | Gifted Identified | Identified by Gender | Identified by Ethnicity | GT Funding | GT Funding per Identified |
|-------------|------------------|------------------|-------------------|----------------------|-------------------------|------------|---------------------------|
| Connecticut | yes | no | 9,082 | yes | yes | \$100,000 | \$11.01 |



| NAEP Scores at the 90 th percentile | | | | |
|--|------|------|----------|----------|
| Subject, Grade, Group | 2003 | 2007 | 2003 Gap | 2007 Gap |
| Math 4 Male | 277 | 280 | 5 | 4 |
| Math 4 Female | 272 | 276 | | |
| Math 8 Male | 333 | 330 | 5 | 1 |
| Math 8 Female | 328 | 329 | | |
| Reading 4 Male | 268 | 269 | 8 | 5 |
| Reading 4 Female | 275 | 273 | | |
| Reading 8 Male | 306 | 304 | 11 | 11 |
| Reading 8 Female | 316 | 315 | | |
| Math 4 ELL | 238 | 244 | 37 | 36 |
| Math 4 NonELL | 275 | 279 | | |
| Math 8 ELL | 301 | 267 | 29 | 63 |
| Math 8 NonELL | 330 | 331 | | |
| Reading 4 ELL | | 232 | | 40 |
| Reading 4 NonELL | 272 | 272 | | |
| Reading 8 ELL | | 257 | | 53 |
| Reading 8 NonELL | 311 | 310 | | |
| Math 4 FARM | 251 | 256 | 28 | 26 |
| Math 4 NonFARM | 279 | 282 | | |
| Math 8 FARM | 303 | 299 | 32 | 35 |
| Math 8 NonFARM | 335 | 335 | | |
| Reading 4 FARM | 248 | 242 | 28 | 35 |
| Reading 4 NonFARM | 276 | 277 | | |
| Reading 8 FARM | 288 | 286 | 28 | 28 |
| Reading 8 NonFARM | 316 | 314 | | |
| Math 4 White | 278 | 282 | | |
| Math 4 Black | 250 | 256 | 29 | 26 |
| Math 4 Hispanic | 254 | 258 | 24 | 24 |
| Math 8 White | 334 | 334 | | |
| Math 8 Black | 295 | 294 | 39 | 40 |
| Math 8 Hispanic | 302 | 299 | 32 | 35 |
| Reading 4 White | 276 | 275 | | |
| Reading 4 Black | 242 | 247 | 34 | 29 |
| Reading 4 Hispanic | 250 | 247 | 26 | 28 |
| Reading 8 White | 316 | 315 | | |
| Reading 8 Black | 285 | 284 | 31 | 31 |
| Reading 8 Hispanic | 286 | 288 | 29 | 27 |

| CT Mastery Test (4 th Generation) Grade 4, 7 and CT Academic Performance Test (2 nd Generation) Grade 10 Reading Excellence Achievement Gaps on Race | | | | | | | | | | | | | | | |
|--|---|---|---|-----------|-----------|---------|---|---|-----------|-----------|----------|-----|-----|-------------|-------------|
| % At or Above Advanced Level | Grade 4 | | | | | Grade 7 | | | | | Grade 10 | | | | |
| | W | B | H | W-B | W-H | W | B | H | W-B | W-H | W | B | H | W-B | W-H |
| 2001 | CT Mastery Test 3 rd Generation was used during these years. | | | | | | | | | | 26.2 | 5.3 | 5.5 | 20.9 | 20.7 |
| 2002 | | | | | | | | | | | 23.1 | 3.8 | 4.8 | 19.3 | 18.3 |
| 2003 | | | | | | | | | | | 23.6 | 3.6 | 4.5 | 20.0 | 19.1 |
| 2004 | | | | | | | | | | | 27.3 | 5.2 | 5.5 | 22.1 | 21.8 |
| 2005 | | | | | | | | | | | 26.8 | 4.9 | 5.2 | 21.9 | 21.6 |
| 2006 | 22 | 3 | 4 | 19 | 18 | 30 | 5 | 5 | 25 | 25 | 25.4 | 3.9 | 5.2 | 21.5 | 20.2 |
| 2007 | 21 | 3 | 3 | 18 | 18 | 31 | 6 | 5 | 25 | 26 | 25.5 | 3.6 | 5.3 | 21.9 | 20.2 |
| 2008 | 22 | 4 | 4 | 18 | 18 | 37 | 7 | 7 | 30 | 30 | 26.8 | 4 | 5.2 | 22.8 | 21.6 |

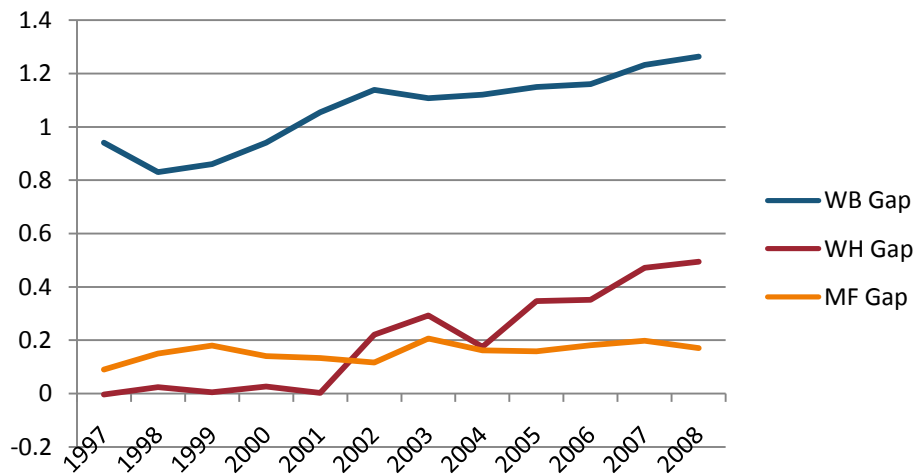
| CT Mastery Test (4 th Generation) Grade 4, 7 and CT Academic Performance Test (2 nd Generation) Grade 10 Mathematics Excellence Achievement Gaps on Race | | | | | | | | | | | | | | | |
|--|---|---|---|-----------|-----------|---------|---|---|-----------|-----------|----------|-----|-----|-------------|-------------|
| % At or Above Advanced Level | Grade 4 | | | | | Grade 7 | | | | | Grade 10 | | | | |
| | W | B | H | W-B | W-H | W | B | H | W-B | W-H | W | B | H | W-B | W-H |
| 2001 | CT Mastery Test 3 rd Generation was used during these years. | | | | | | | | | | 24.5 | 2.7 | 4.4 | 21.8 | 20.1 |
| 2002 | | | | | | | | | | | 23.9 | 2.1 | 2.9 | 21.8 | 21.0 |
| 2003 | | | | | | | | | | | 26.4 | 2.3 | 3.4 | 24.1 | 23.0 |
| 2004 | | | | | | | | | | | 26.6 | 2.4 | 4.1 | 24.2 | 22.5 |
| 2005 | | | | | | | | | | | 30.6 | 3.7 | 4.9 | 26.9 | 25.7 |
| 2006 | 28 | 5 | 7 | 23 | 21 | 32 | 4 | 6 | 28 | 26 | 25.5 | 2.1 | 3.4 | 23.4 | 22.1 |
| 2007 | 34 | 7 | 8 | 27 | 26 | 33 | 5 | 7 | 28 | 26 | 26.4 | 1.8 | 3.3 | 24.6 | 23.1 |
| 2008 | 34 | 8 | 9 | 26 | 25 | 36 | 6 | 8 | 30 | 28 | 27.6 | 2.5 | 3.9 | 25.1 | 23.7 |

| CT Mastery Test (4 th Generation) Grade 4, 7 and CT Academic Performance Test (2 nd Generation) Grade 10 Reading Excellence Achievement Gaps on SES | | | | | | | | | |
|---|---|---|-----------|---------|---|-----------|----------|-----|-------------|
| % At or Above Advanced Level | Grade 4 | | | Grade 7 | | | Grade 10 | | |
| | N | P | Gap | N | P | Gap | N | P | Gap |
| 2001 | CT Mastery Test 3 rd Generation was used during these years. | | | | | | 24.6 | 4.5 | 20.1 |
| 2002 | | | | | | | 21.6 | 3.8 | 17.8 |
| 2003 | | | | | | | 22.5 | 3.8 | 18.7 |
| 2004 | | | | | | | 26.1 | 4.7 | 21.4 |
| 2005 | | | | | | | 25.5 | 4.8 | 20.7 |
| 2006 | 22 | 3 | 19 | 30 | 5 | 25 | 24.4 | 4.8 | 19.6 |
| 2007 | 22 | 3 | 19 | 31 | 6 | 25 | 24.7 | 4.4 | 20.3 |
| 2008 | 23 | 4 | 19 | 37 | 7 | 30 | 26.1 | 4.5 | 21.6 |

| CT Mastery Test (4 th Generation) Grade 4, 7 and CT Academic Performance Test (2 nd Generation) Grade 10 Mathematics Excellence Achievement Gaps on SES | | | | | | | | | |
|--|---|---|-----------|---------|---|-----------|----------|-----|-------------|
| % At or Above Advanced Level | Grade 4 | | | Grade 7 | | | Grade 10 | | |
| | N | P | Gap | N | P | Gap | N | P | Gap |
| 2001 | | | | | | | 22.8 | 3.4 | 19.4 |
| 2002 | | | | | | | 22.1 | 3.3 | 18.8 |
| 2003 | CT Mastery Test 3 rd Generation was used during these years. | | | | | | 25.0 | 3.5 | 21.5 |
| 2004 | | | | | | | 25.0 | 4.3 | 20.7 |
| 2005 | | | | | | | 28.8 | 5.1 | 23.7 |
| 2006 | 29 | 6 | 23 | 32 | 6 | 26 | 24.4 | 3.6 | 20.8 |
| 2007 | 34 | 8 | 26 | 33 | 6 | 27 | 25.4 | 3.7 | 21.7 |
| 2008 | 35 | 9 | 26 | 37 | 7 | 30 | 26.8 | 3.9 | 22.9 |

*Data in italics are from the CT Academic Performance Test 3rd Generation exams and should not be directly compared with earlier years.

Gaps in Mean AP Scores

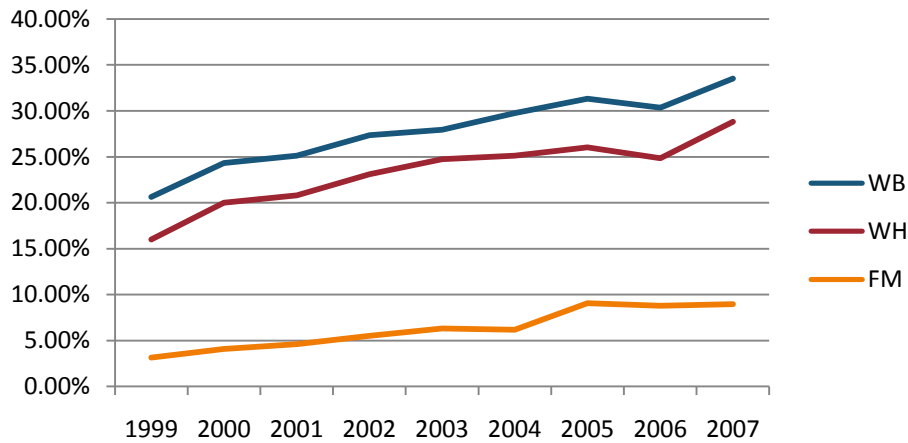


Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup*

| | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Male | 20.21% | 21.60% | 21.54% | 20.71% | 20.56% | 21.25% | 22.91% | 23.29% | 22.54% | 24.13% | 24.98% | 25.18% |
| Female | 17.22% | 17.03% | 16.86% | 16.88% | 16.66% | 17.46% | 16.15% | 17.81% | 17.92% | 17.87% | 18.54% | 19.88% |
| White | 17.73% | 18.94% | 18.59% | 18.29% | 18.53% | 19.61% | 19.30% | 20.41% | 20.16% | 20.48% | 21.57% | 22.32% |
| Black | 4.81% | 6.68% | 5.14% | 5.18% | 3.90% | 3.36% | 5.12% | 6.38% | 4.68% | 5.86% | 4.29% | 4.65% |
| Hispanic | 26.56% | 23.15% | 24.40% | 24.32% | 24.78% | 18.10% | 19.15% | 21.83% | 17.22% | 18.34% | 17.68% | 18.11% |
| M-F Gap | 2.99% | 4.57% | 4.68% | 3.83% | 3.90% | 3.79% | 6.76% | 5.47% | 4.62% | 6.27% | 6.44% | 5.29% |
| W-B Gap | 12.92% | 12.26% | 13.45% | 13.10% | 14.64% | 16.25% | 14.18% | 14.03% | 15.48% | 14.62% | 17.28% | 17.68% |
| W-H Gap | -8.82% | -4.21% | -5.81% | -6.03% | -6.24% | 1.50% | 0.15% | -1.42% | 2.94% | 2.14% | 3.89% | 4.21% |

| Gaps in the Percentage of Tests Taken Receiving a "5" on the AP Exam by Subgroup Weighted by Enrollment* | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
| Male | 5.89% | 6.11% | 6.44% | 7.03% | 7.74% | 8.26% | 8.18% | 9.19% | 10.08% |
| Female | 5.14% | 5.67% | 5.98% | 6.74% | 6.48% | 7.42% | 8.13% | 8.38% | 9.14% |
| White | 5.14% | 5.96% | 6.38% | 7.34% | 7.54% | 8.28% | 8.62% | 8.86% | 10.15% |
| Black | 0.36% | 0.43% | 0.36% | 0.34% | 0.57% | 0.69% | 0.54% | 0.76% | 0.58% |
| Hispanic | 2.84% | 3.06% | 3.38% | 2.60% | 2.74% | 3.36% | 2.88% | 3.37% | 3.22% |
| M-F Gap | 0.75% | 0.44% | 0.45% | 0.29% | 1.26% | 0.84% | 0.05% | 0.82% | 0.93% |
| W-B Gap | 4.78% | 5.54% | 6.02% | 7.01% | 6.97% | 7.59% | 8.08% | 8.10% | 9.57% |
| W-H Gap | 2.30% | 2.90% | 3.00% | 4.75% | 4.80% | 4.91% | 5.74% | 5.48% | 6.93% |

Gaps in the Number of Tests Taken Weighted by Subgroup Enrollment*



*The unit of analysis for AP data is the test, not the student. AP test results are presented as the number of scores received by members of each subgroup, NOT the number of students who received a given score on any exam. These numbers are not equivalent because some students take multiple tests.