
2012 CAPT & SAT Results for Brookfield High School



Brookfield Public Schools

Brookfield, Connecticut

October 2012

Oct. 17, 2012 Board of Education Meeting

CAPT Performance Report Summary

- **CAPT 3rd Generation**

- **Data comparison:**

- Longitudinal data 2007-2012: Statewide & Brookfield percentage at proficiency & goal
 - Scores by Performance Levels
 - Brookfield compared to DRG B
 - Gender comparisons 2009-2012
 - Cohort over time

- **SAT Results**



DRG B



- | | | |
|---------------------|---------------|---------------|
| ■ Avon | Greenwich | Simsbury |
| ■ Brookfield | Guilford | South Windsor |
| ■ Cheshire | Madison | Trumbull |
| ■ Fairfield | Monroe | West Hartford |
| ■ Farmington | New Fairfield | Region 5 |
| ■ Glastonbury | Newtown | Region 15 |
| ■ Granby | | |

CAPT 2012: Reading



| Grade | % At or Above Proficiency: Connecticut | % At or Above Proficiency: Brookfield | % At or Above Goal: Connecticut | % At or Above Goal: Brookfield |
|--------------|---|--|--|---|
| 2007 | 79.7 | 94.9 | 45.5 | 60.0 |
| 2008 | 82.7 | 97.0 | 45.5 | 77.2 |
| 2009 | 81.8 | 92.9 | 47.5 | 64.0 |
| 2010 | 82.9 | 95.0 | 45.9 | 68.9 |
| 2011 | 81.9 | 98.3 | 44.8 | 74.8 |
| 2012 | 80.9 | 95.2 | 47.5 | 70.1 |

CAPT 2012: Math



| Grade | % At or Above Proficiency: Connecticut | % At or Above Proficiency: Brookfield | % At or Above Goal: Connecticut | % At or Above Goal: Brookfield |
|--------------|---|--|--|---|
| 2007 | 77.3 | 93.3 | 45.3 | 58.0 |
| 2008 | 79.7 | 95.9 | 50.2 | 73.0 |
| 2009 | 78.4 | 94.8 | 48.0 | 71.4 |
| 2010 | 78.8 | 94.6 | 48.9 | 72.4 |
| 2011 | 80.3 | 97.4 | 49.6 | 74.2 |
| 2012 | 78.8 | 95.6 | 49.3 | 74.2 |

CAPT 2012: Writing



| Grade | % At or Above Proficiency: Connecticut | % At or Above Proficiency: Brookfield | % At or Above Goal: Connecticut | % At or Above Goal: Brookfield |
|--------------|---|--|--|---|
| 2007 | 82.3 | 93.7 | 53.0 | 78.7 |
| 2008 | 88.2 | 98.1 | 57.9 | 76.7 |
| 2009 | 86.5 | 95.7 | 55.0 | 62.4 |
| 2010 | 86.2 | 94.6 | 59.6 | 78.4 |
| 2011 | 88.6 | 98.7 | 61.3 | 90.2 |
| 2012 | 88.8 | 97.0 | 63.1 | 87.1 |

CAPT 2012: Science




| Grade | % At or Above Proficiency: Connecticut | % At or Above Proficiency: Brookfield | % At or Above Goal: Connecticut | % At or Above Goal: Brookfield |
|--------------|---|--|--|---|
| 2007 | 81.4 | 95.3 | 44.5 | 63.9 |
| 2008 | 80.5 | 97.4 | 46.5 | 67.9 |
| 2009 | 78.4 | 96.1 | 43.0 | 65.0 |
| 2010 | 81.5 | 93.8 | 45.5 | 64.9 |
| 2011 | 81.7 | 97.0 | 47.2 | 76.5 |
| 2012 | 80.2 | 96.1 | 47.3 | 73.2 |

CAPT Scores % by Performance Level: Brookfield 2012

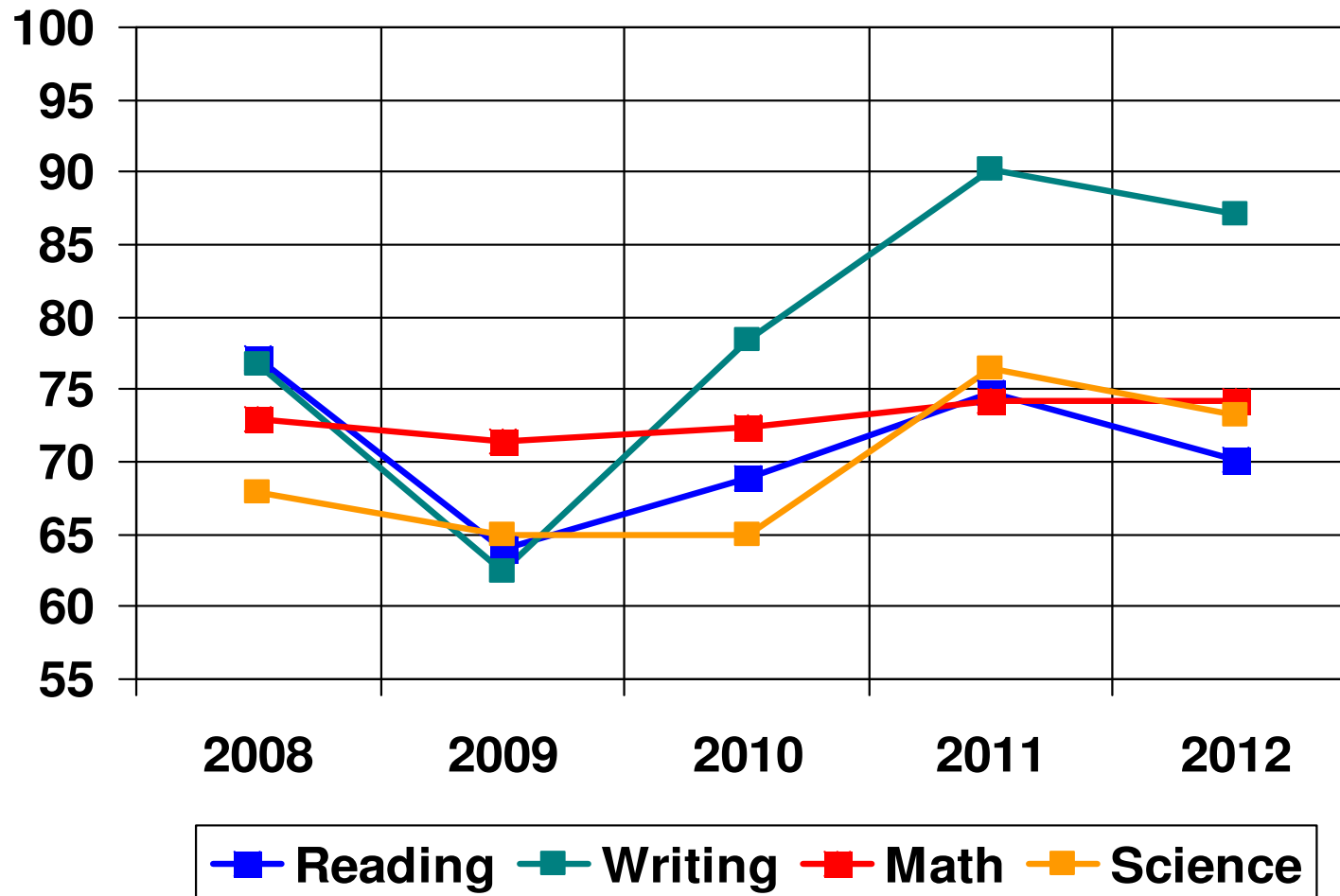
| | Reading | Writing | Math | Science |
|--------------------|----------------|----------------|-------------|----------------|
| Below Basic | 0.9 | 0.4 | 1.8 | 0.9 |
| Basic | 3.9 | 2.6 | 2.7 | 3.0 |
| Proficient | 25.1 | 9.9 | 21.3 | 22.9 |
| Goal | 37.2 | 28.0 | 36.9 | 26.0 |
| Advanced | 32.9 | 59.1 | 37.3 | 47.2 |



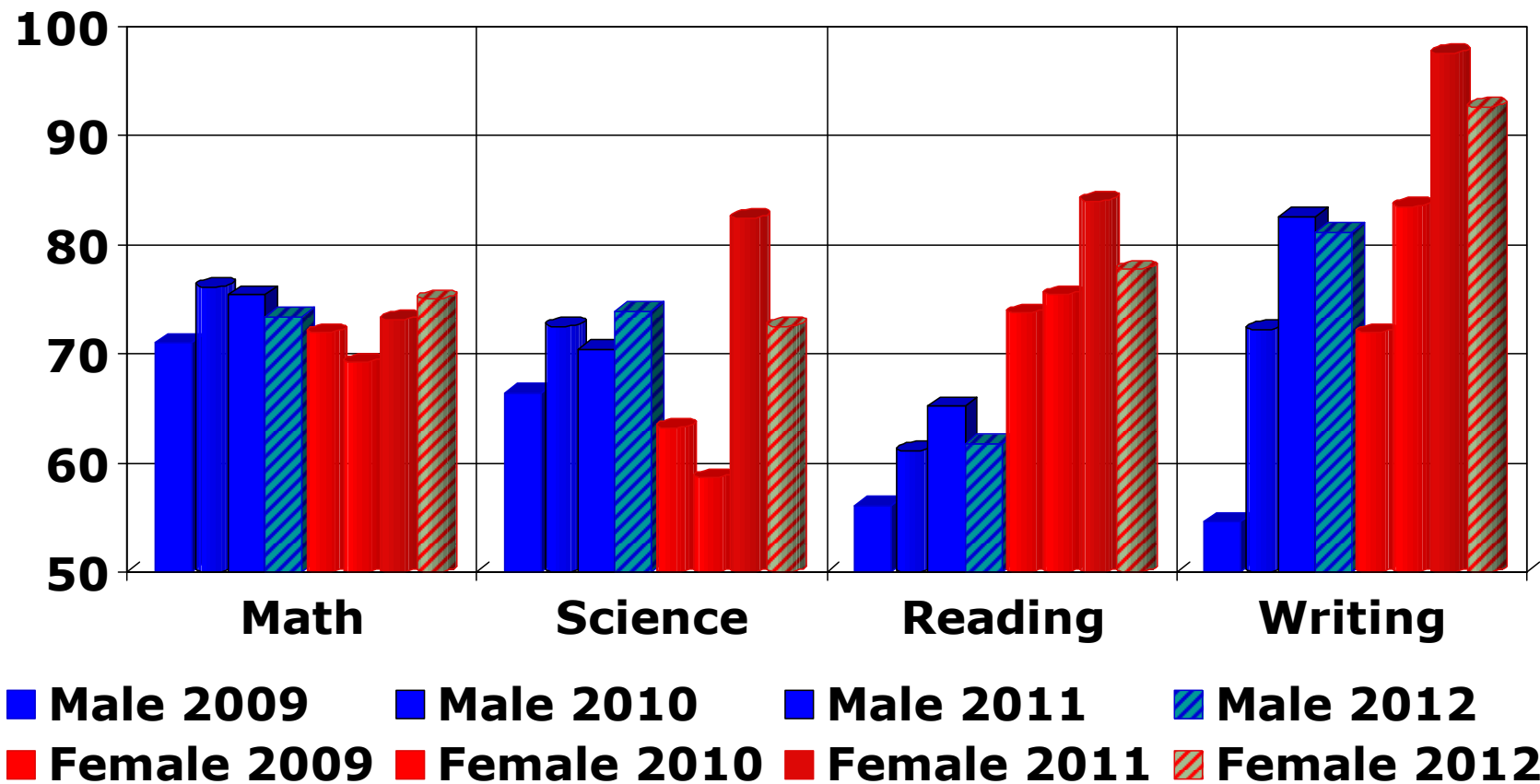
CAPT % at Goal & Above: 2007-2012

|  2008 DRG Ranking | <i>Reading</i> 77.2 3/19 | <i>Writing</i> 76.7 13/19 | <i>Math</i> 73.0 14/19 | <i>Science</i> 67.9 13/19 |
|--|---------------------------------------|--|-------------------------------------|--|
| 2009 DRG Ranking | 64.0 19/19 | 62.4 19/19 | 71.4 8/19 | 65.0 13/19 |
| 2010 DRG Ranking | 68.9 10/19 | 78.4 14/19 | 72.4 12/19 | 64.9 16/19 |
| 2011 DRG Ranking | 74.8 5/19 | 90.2 2/19 | 74.2 9/19 | 76.5 5/19 |
| 2012 DRG Ranking | 70.1 8/19 | 87.1 4/19 | 74.2 10/19 | 73.2 8/19 |

CAPT % at Goal & Above: 2007-2012



% of Students At Goal or Advanced Goal by Gender 2009 - 2012



CAPT Scores by Gender: 2009 - 2012

- A greater % of **female** students than male students made goal or above goal in reading, writing and math in 2012.
- A greater % of **female** students than male students made goal or above goal in reading and writing in all three years.
- In the last two years, female students' scores in science improved significantly than in the prior years.
- Year over year math scores demonstrated the least variability, with steady improvement overall for both male and female students.

% CAPT Scores At Goal & Advanced

Goal: Class of 2014 Grades 4 – 10 (DRG Ranking)

| | <i>Reading</i> | <i>Writing</i> | <i>Math</i> | <i>Science</i> |
|--|----------------------|----------------------|----------------------|---------------------|
| 4th CMT 2006 DRG B Ranking | 81.3 4/20 | 82.1 5/20 | 78.8 9/20 | -- |
| 6th CMT 2008 DRG B Ranking | 84.6 12/20 | 77.0 15/20 | 87.9 8/20 | -- |
| 8th CMT 2010 DRG B Ranking | 86.8 14/20 | 84.1 8/20 | 90.9 4/20 | 87.8 4/20 |
| 10th CAPT 2012 DRG B Ranking | 70.1 8/19 | 87.1 4/19 | 74.2 10/19 | 73.2 8/19 |



Celebrations!

- All CAPT assessments scored in the top half of DRG B schools with Writing in the top quartile and Math ranked exactly in the middle of the DRG B districts.
- 125 students [53%] of 10th graders met goal on all 4 CAPT tests
 - 40% in 2009
 - 50% in 2010
 - 56% in 2011
- 34 students [14%] scored in the advanced goal performance level on all 4 CAPT tests.

Selected Strategies for Continuous Improvement

- **School Wide:**
 - ❑ **Continue the strong focus on non-fiction reading & writing across all content areas.**
 - ❑ **Students take Common Formative Assessments (CFA) in all CAPT areas.**
 - ❑ **All students participate in 3TR [Take Time To Read] for 25 minutes every other day.**
 - ❑ **Teacher goal setting focused on measurable student performance goals determined through data analysis**
 - ❑ **CAPT Simulation with 9th grade providing data to inform instruction**

More Selected Strategies for Continuous Improvement

■ School Wide:

- ❑ Continue to implement *Beyond the Blueprint: Literacy in Grades 4-12 and Across the Content Areas*: focusing on integrating reading and writing strategies in all content areas
- ❑ Continue to implement Marzano's *best practices of instruction*: focusing on reading and writing strategies
- ❑ Provide remedial reading support to identified students.
- ❑ Continued professional development opportunities and department initiatives addressing instructional units and strategies along with common formative assessments.

SAT Scores: Reading

(change in points from previous years SAT scores)

| | <i>Brookfield</i> | <i>State</i> | <i>National</i> |
|----------------------|--------------------------|---------------------|------------------------|
| 2008 | 526 | 508 | 502 |
| 2009 | 528 (+2) | 509 (+1) | 501 (-1) |
| 2010 | 534 (+6) | 509 (0) | 501 (0) |
| 2011 | 530 (-4) | 509 (0) | 497 (-4) |
| 2012 | 530 (0) | 506 (-3) | 496 (-1) |
| 5 Year Change | +4 | -2 | -6 |

SAT Scores: Math

(change in points from previous years SAT scores)

| | <i>Brookfield</i> | <i>State</i> | <i>National</i> |
|----------------------|--------------------------|---------------------|------------------------|
| 2008 | 528 | 513 | 515 |
| 2009 | 531 (+3) | 513 (0) | 515 (0) |
| 2010 | 546 (+15) | 514 (+1) | 516 (+1) |
| 2011 | 535 (-11) | 513 (-1) | 514 (-2) |
| 2012 | 543 (+8) | 512 (-1) | 514 (0) |
| 5 Year Change | +15 | -1 | -1 |

SAT Scores: Writing

(change in points from previous years SAT scores)

| | <i>Brookfield</i> | <i>State</i> | <i>National</i> |
|----------------------|--------------------------|---------------------|------------------------|
| 2008 | 514 | 512 | 494 |
| 2009 | 524 (+10) | 511 (-1) | 493 (-1) |
| 2010 | 535 (+11) | 512 (+1) | 492 (-1) |
| 2011 | 530 (-5) | 513 (+1) | 489 (-3) |
| 2012 | 531 (+1) | 510 (-3) | 488 (-1) |
| 5 Year Change | +17 | -2 | -6 |

For more information...

CMT website: <http://ctreports.com>

CT State Dept. of Education website:
<http://www.csde.state.ct.us/public/cedar/assessment/cmt/index.htm>

