

# **2013 CMT & CAPT Summary**

Board of Education Presentation  
October 15, 2013

# 2013 CMT Highlights

## **Mathematics:**

- grades 3, 4 and 6 through 8 deviated between one and four percentage points either way from 2012
- grade 5 decreased nine percentage points
- all cohort scores remained the same or deviated between one and four percentage points either way

## **Reading:**

- grade level scores showed minor fluctuations in all grades with the exception of grade 5, which showed a seven percentage point decrease
- grade 5-6 cohort gained six percentage points
- All other cohorts deviated between one and four percentage points

## ... Highlights continued

### **Writing:**

- grade level writing scores deviated between one and two percentage points either way
- all cohorts showed slight declines, with the exception of the grade 7-8 cohort which exhibited a three percentage point increase

### **Science:**

- grade 5 science had an eleven percentage point decrease
- grade 8 showed a four percentage point increase

## ... Highlights continued

- Avon students continue to score well above the state average & in some grades and subjects are ranked first among DRG A & B schools.

### **DRG A:**

Grade 6 Reading

Grade 6 Writing

### **DRG B:**

Grade 7 Mathematics

Grade 8 Mathematics

Grade 3 Reading

Grade 4 Reading

Grade 3 Writing

Grade 6 Writing

Grade 8 Writing

Grade 8 Science

# Mathematics

## Overall Results: Percentage of Students in Math At/Above Goal for 2006-2013

Grade Level	2006	2007	2008	2009	2010	2011	2012	2013
Grade 3	82	79	75	82	80	78	87	83
Grade 4	88	86	82	86	91	90	87	89
Grade 5	76	87	85	91	92	95	92	83
Grade 6	81	85	90	93	94	93	95	92
Grade 7	84	86	86	95	95	94	93	94
Grade 8	84	85	86	89	91	92	92	93

# Reading

## Overall Results: Percentage of Students in Reading At/Above Goal for 2006-2013

Grade Level	2006	2007	2008	2009	2010	2011	2012	2013
Grade 3	84	82	78	81	83	75	85	87
Grade 4	89	88	84	87	84	90	85	88
Grade 5	89	87	85	91	89	89	88	81
Grade 6	93	91	92	93	96	96	94	94
Grade 7	92	92	94	98	96	96	95	95
Grade 8	90	91	92	93	95	95	96	94

# Writing

## Overall Results: Percentage of Students in Writing At/Above Goal for 2006-2013

Grade Level	2006	2007	2008	2009	2010	2011	2012	2013
Grade 3	89	88	88	86	84	84	88	87
Grade 4	91	89	88	84	88	91	88	84
Grade 5	87	89	90	90	88	89	92	85
Grade 6	85	91	89	89	90	87	91	92
Grade 7	83	86	92	86	88	82	88	87
Grade 8	86	89	89	89	90	92	93	91

# Science

## Overall Results: Percentage of Students in Science At/Above Goal for 2006-2013

Grade Level	2006	2007	2008	2009	2010	2011	2012	2013
Grade 5	NA	NA	78	89	86	89	92	81
Grade 8	NA	NA	92	90	88	89	84	88



# Mathematics

## Comparison of 2013 CMT Mathematics At/Above Goal Among DRG B Districts

DRG	Group	Math 3	Math 4	Math 5	Math 6	Math 7	Math 8
<b>B</b>	<b>Avon</b>	<b>82.8</b>	<b>88.9</b>	<b>82.9</b>	<b>91.7</b>	<b>94.2</b>	<b>93.1</b>
B	Bethany	65.0	67.6	81.3	77.5	-	-
B	Brookfield	79.2	78.9	88.0	81.4	83.1	88.9
B	Cheshire	71.4	87.4	88.6	89.9	80.3	81.9
B	Fairfield	85.0	86.8	89.7	85.1	84.6	84.1
B	Farmington	75.6	86.6	86.1	84.4	90.6	86.7
B	Glastonbury	82.9	77.6	89.0	88.6	83.6	84.5
B	Granby	85.6	85.9	88.5	87.3	91.3	89.7
B	Greenwich	78.3	82.1	84.0	83.2	79.9	80.8
B	Guilford	83.3	77.9	82.0	85.0	79.0	91.6
B	Madison	84.6	82.9	88.8	91.1	91.7	90.2
B	Monroe	85.1	90.5	90.6	87.1	78.4	83.0
B	New Fairfield	77.4	79.9	79.6	81.5	69.3	81.8
B	Orange	82.4	81.9	86.8	93.5	-	-
B	Simsbury	81.8	80.4	91.2	86.3	89.4	90.1
B	South Windsor	76.6	81.1	87.5	72.0	79.8	77.9
B	Trumbull	86.0	89.2	91.9	82.3	83.7	86.9
B	West Hartford	73.3	73.4	81.5	77.0	78.6	67.5
B	Regional #15	80.8	80.5	87.5	81.6	88.8	84.4
<b>Avon's Ranking</b>		<b>8/19</b>	<b>3/19</b>	<b>5/19</b>	<b>2/19</b>	<b>1/17</b>	<b>1/17</b>

# Reading

## Comparison of 2013 CMT Reading At/Above Goal Among DRG B Districts

DRG	Group	Reading 3	Reading 4	Reading 5	Reading 6	Reading 7	Reading 8
<b>B</b>	<b>Avon</b>	<b>87.1</b>	<b>87.7</b>	<b>81.0</b>	<b>93.6</b>	<b>95.2</b>	<b>93.5</b>
B	Bethany	61.7	72.1	78.5	90.0	-	-
B	Brookfield	74.0	72.2	80.6	83.8	89.4	93.9
B	Cheshire	67.0	80.2	82.6	89.5	92.6	92.7
B	Fairfield	78.6	78.8	84.6	85.9	90.0	90.5
B	Farmington	76.0	84.8	84.7	92.6	92.4	93.7
B	Glastonbury	76.7	79.0	87.6	89.0	93.7	89.5
B	Granby	81.5	80.7	86.0	93.7	95.0	86.0
B	Greenwich	75.1	78.8	83.1	85.9	88.9	85.8
B	Guilford	78.9	80.4	88.0	90.7	93.4	92.3
B	Madison	83.4	85.5	83.5	91.8	92.4	91.5
B	Monroe	80.1	84.5	85.5	91.5	89.8	89.7
B	New Fairfield	67.7	64.9	74.5	84.4	80.6	85.4
B	Orange	75.4	81.1	82.3	96.8	-	-
B	Simsbury	74.0	82.7	87.0	92.2	96.5	93.7
B	South Windsor	74.2	77.7	83.3	86.9	91.2	89.1
B	Trumbull	75.2	78.7	86.0	88.1	94.0	95.1
B	West Hartford	71.7	75.4	79.4	83.6	89.0	81.5
B	Regional #15	73.5	85.1	81.9	84.0	95.0	91.0
<b>Avon's Ranking</b>		<b>1/19</b>	<b>1/19</b>	<b>15/19</b>	<b>3/19</b>	<b>2/17</b>	<b>5/17</b>

# Writing

## Comparison of 2013 CMT Writing At/Above Goal Among DRG B Districts

DRG	Group	Reading 3	Reading 4	Reading 5	Reading 6	Reading 7	Reading 8
<b>B</b>	<b>Avon</b>	<b>87.2</b>	<b>83.5</b>	<b>85.3</b>	<b>91.8</b>	<b>87.0</b>	<b>91.3</b>
B	Bethany	56.9	68.6	64.2	67.9	-	-
B	Brookfield	66.2	73.4	70.7	72.9	83.4	87.2
B	Cheshire	71.4	77.6	82.6	81.4	74.4	84.3
B	Fairfield	79.9	79.1	83.4	82.3	79.8	83.6
B	Farmington	80.4	87.7	84.4	89.9	87.3	87.9
B	Glastonbury	80.6	78.9	85.9	84.4	85.6	83.7
B	Granby	79.1	75.3	76.6	82.2	82.3	78.4
B	Greenwich	76.4	82.1	81.0	80.3	76.1	76.3
B	Guilford	77.0	78.2	81.7	88.9	84.3	90.2
B	Madison	72.4	86.4	87.0	87.4	89.4	90.0
B	Monroe	79.0	86.1	83.1	84.8	82.3	86.1
B	New Fairfield	72.3	74.2	78.1	72.3	76.7	84.5
B	Orange	74.2	81.4	87.2	91.5	-	-
B	Simsbury	80.1	84.2	87.1	91.1	87.4	85.6
B	South Windsor	65.7	75.2	75.4	74.4	77.4	77.3
B	Trumbull	81.5	83.9	87.1	83.2	87.4	88.4
B	West Hartford	75.8	73.9	81.0	81.0	74.7	75.0
B	Regional #15	70.9	85.0	82.0	79.5	84.5	83.7
<b>Avon's Ranking</b>		<b>1/19</b>	<b>7/19</b>	<b>6/19</b>	<b>1/19</b>	<b>5/17</b>	<b>1/17</b>

# Science

## Comparison of 2013 CMT Science At/Above Goal Among DRG B Districts

	Group	Science 5	Science 8
<b>B</b>	<b>Avon</b>	<b>81.1</b>	<b>87.7</b>
B	Bethany	72.8	-
B	Brookfield	82.1	81.0
B	Cheshire	82.6	84.7
B	Fairfield	81.9	77.1
B	Farmington	88.5	79.9
B	Glastonbury	86.7	85.1
B	Granby	90.4	81.4
B	Greenwich	81.0	74.8
B	Guilford	83.4	83.6
B	Madison	84.4	87.6
B	Monroe	87.6	82.0
B	New Fairfield	76.5	77.6
B	Orange	73.9	-
B	Simsbury	89.3	87.2
B	South Windsor	82.8	74.3
B	Trumbull	83.6	81.6
B	West Hartford	76.5	72.6
B	Regional #15	81.1	79.9
<b>Avon's Ranking</b>		<b>13/19</b>	<b>1/17</b>

# 2013 CAPT Highlights

## **Mathematics:**

- percentage of all students at or above proficiency rose three percentage points
- percentage of all students at or above goal rose five percentage points

## **Reading:**

- percentage of all students at or above proficiency increased two percentage points
- percentage of all students at or above goal rose four percentage points

## **Writing:**

- slight increase in the percentage of all students at or above proficiency and at or above goal from last year

## **Science:**

- percentage of all students at or above proficiency increased one percentage point
- percentage of all students at or above goal rose seven percentage points

## Percentage of Students At/Above Goal

Content	2006	2007	2008	2009	2010	2011	2012	2013
Math	80	80	79	75	80	76	81	86
Reading	79	71	75	74	76	73	70	74
Writing	82	85	77	78	86	88	87	88
Science	81	78	76	70	76	75	76	83

## Percentage of Students At/Above Proficiency

Content	2006	2007	2008	2009	2010	2011	2012	2013
Math	97	97	96	94	96	94	95	99
Reading	94	96	96	96	96	96	96	98
Writing	97	97	96	97	98	97	97	99
Science	98	97	97	96	97	97	96	97

**Percentage of Students Meeting State Goal on  
All Four CAPT Assessments**

<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
63.6%	57.9%	56.0%	51.2%	62.3%	60.4%	56.3%	61.0%

## Percent of All Students by Performance Level on CAPT

Content Area	% Below Basic	% Basic	% Prof.	% Goal	% Adv.	% At/Above Proficiency	% At/Above Goal
Math	0.8	0.4	12.8	32.7	53.3	98.8	86.0
Reading	0.4	1.9	24.1	38.1	35.4	97.7	73.5
Writing	0.4	0.8	10.4	33.2	55.2	98.8	88.4
Science	0.8	1.9	14.7	32.2	50.4	97.3	82.6



# Next Steps

- Detailed analysis at the grade level, department level & classroom level
- Identify students in below basic, basic, and proficient performance levels & identify deficiency areas in order to provide targeted intervention
- Complete strand analysis to identify strengths & weaknesses
- Continue curriculum work to vertically align K-12 curriculum with new Common Core State Standards

## Next Steps...continued

- Re-examine SRBI model & strategies to ensure continued improvement among at-risk students
- Continue implementation of the SIOP model to support our increasing number of English Language Learners at the classroom level
- Develop a deeper understanding of the Smarter Balanced assessments & prepare for implementation of field test in spring