

2012 CMT & CAPT Summary

Board of Education Presentation
October 16, 2012

2012 CMT Highlights

•Mathematics:

- grade 3 increased 9 percentage points
- grades 4 - 8 remained the same or deviated between 1 and 3 percentages points either way from 2011
- all cohorts, with the exception of grade 8, maintained their level of performance in 2011 or increased their performance
- grade 3-4 cohort showed a gain of nine percentage points

•Reading:

- grade 3 increased 10 percentage points
- grade 4 decreased five percentage points
- minor fluctuations in grades 6 through 8
- grade 3-4 cohort gained 10 percentage points & grade 5-6 cohort gained 5 percentage points

... Highlights continued

Writing:

- grade level writing scores showed gains in all grades except grade 4
- all cohorts showed gains
- grade 7-8 cohort gained 11 percentage points

Science:

- grade 5 science had its highest score ever
- grade 8 showed a decline and its lowest score to date

... 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 Mathematics
- Grade 6 Reading
- Grade 5 Writing
- Grade 6 Writing

DRG B:

- Grade 6 Mathematics
- Grade 3 Reading
- Grade 8 Reading

Mathematics

Overall Results: Percentage of Students in Math At/Above Goal for 2006-2012

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

Reading

Overall Results: Percentage of Students in Reading At/Above Goal for 2006-2012

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

Writing

Overall Results: Percentage of Students in Writing At/Above Goal for 2006-2012

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

Science

Overall Results: Percentage of Students in Science At/Above Goal for 2006-2012

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

Mathematics

Comparison of 2012 CMT Mathematics At/Above Goal Among DRG B Districts

DRG	Group	Math 3	Math 4	Math 5	Math 6	Math 7	Math 8
B	Avon	86.9	87.4	92.1	95.0	92.9	91.5
B	Bethany	75.4	80.5	85.4	84.4	-	-
B	Brookfield	83.1	84.8	85.0	83.7	88.4	92.6
B	Cheshire	83.6	87.1	88.3	92.3	84.1	84.8
B	Fairfield	85.9	83.9	86.6	83.2	84.1	87.6
B	Farmington	87.8	85.8	90.8	92.8	88.8	90.9
B	Glastonbury	81.6	82.9	92.4	89.1	88.7	83.1
B	Granby	86.0	84.8	93.3	91.1	89.0	91.9
B	Greenwich	84.1	81.6	84.2	82.0	81.3	82.8
B	Guilford	83.5	82.2	84.6	86.2	85.8	91.0
B	Madison	87.3	91.7	92.4	92.2	90.7	93.4
B	Monroe	89.5	92.4	89.4	85.5	85.1	90.7
B	New Fairfield	82.4	87.2	83.3	79.5	84.9	86.6
B	Newtown	89.7	90.4	89.2	93.0	95.6	94.5
B	Orange	81.3	85.3	92.4	92.4	-	-
B	Simsbury	85.2	89.7	89.9	91.6	88.9	91.0
B	South Windsor	78.7	81.0	81.7	79.6	81.9	87.0
B	Trumbull	89.5	89.4	89.6	87.6	86.6	88.2
B	West Hartford	76.4	80.3	83.0	82.5	76.2	76.3
B	Regional #15	82.8	82.9	87.9	91.1	84.6	81.9
Ranking for Avon DRG B		6/20	6/20	5/20	1/20	2/20	5/20

Reading

Comparison of 2012 CMT Reading At/Above Goal Among DRG B Districts

DRG	Group	Reading 3	Reading 4	Reading5	Reading 6	Reading 7	Reading 8
<i>B</i>	<i>Avon</i>	<i>84.5</i>	<i>85.0</i>	<i>88.4</i>	<i>94.4</i>	<i>95.0</i>	<i>96.4</i>
B	Bethany	75.4	75.7	83.8	88.9	-	-
B	Brookfield	74.3	78.7	82.3	87.6	92.1	95.0
B	Cheshire	72.6	80.9	82.9	93.8	92.7	92.5
B	Fairfield	75.0	79.8	82.8	87.3	91.1	91.8
B	Farmington	83.0	85.1	88.3	93.6	92.5	94.2
B	Glastonbury	75.6	82.0	83.0	88.2	94.9	89.3
B	Granby	81.8	88.5	84.0	96.8	95.4	92.4
B	Greenwich	78.8	78.5	82.8	86.7	87.6	86.1
B	Guilford	78.6	83.6	84.6	92.0	95.7	95.5
B	Madison	82.9	89.0	89.6	93.9	93.4	94.4
B	Monroe	82.3	87.9	88.3	85.1	94.4	94.8
B	New Fairfield	70.7	69.3	83.3	79.1	88.4	90.0
B	Newtown	80.8	84.5	86.6	92.3	96.2	95.5
B	Orange	75.9	79.5	92.3	91.2	-	-
B	Simsbury	79.0	86.0	88.4	96.9	94.9	93.2
B	South Windsor	73.2	79.9	80.6	88.5	93.3	91.0
B	Trumbull	75.8	80.7	87.3	88.2	94.4	94.7
B	West Hartford	72.0	78.4	80.6	84.5	87.2	85.3
B	Regional #15	83.4	79.1	87.8	91.9	91.7	90.8
Ranking for Avon DRG B:		1/20	6/20	3/20	3/20	4/20	1/20

Writing

Comparison of 2012 CMT Writing At/Above Goal Among DRG B Districts

DRG	Group	Writing 3	Writing 4	Writing 5	Writing 6	Writing 7	Writing 8
<i>B</i>	<i>Avon</i>	<i>88.2</i>	<i>87.9</i>	<i>91.8</i>	<i>91.4</i>	<i>87.5</i>	<i>92.6</i>
B	Bethany	65.8	76.9	73.6	74.6	-	-
B	Brookfield	73.8	79.4	86.1	88.3	78.2	90.5
B	Cheshire	81.0	83.3	86.8	91.3	83.1	88.5
B	Fairfield	79.5	81.5	82.9	86.2	79.9	85.8
B	Farmington	89.8	87.9	91.7	90.6	82.1	92.8
B	Glastonbury	79.1	82.1	80.1	83.7	84.1	82.3
B	Granby	78.7	81.5	83.5	88.2	74.4	79.3
B	Greenwich	79.2	79.7	86.1	81.8	77.3	82.6
B	Guilford	75.5	83.9	82.9	88.7	87.7	89.6
B	Madison	87.1	92.1	92.5	91.9	89.7	94.2
B	Monroe	81.6	86.6	89.8	84.4	84.3	89.0
B	New Fairfield	75.7	74.0	81.8	86.3	85.8	86.9
B	Newtown	84.1	87.5	92.0	90.8	88.6	93.0
B	Orange	75.3	83.2	87.1	87.2	-	-
B	Simsbury	83.1	82.7	92.0	94.0	86.7	89.1
B	South Windsor	73.0	77.6	76.9	81.0	80.2	80.1
B	Trumbull	79.9	83.7	86.3	88.0	84.6	87.1
B	West Hartford	76.4	78.6	81.1	81.1	76.9	77.8
B	Regional #15	79.4	79.2	89.8	85.5	80.6	85.9
Ranking for Avon DRG B:		2/20	2/20	4/20	3/20	4/20	4/20

Science

Comparison of 2012 CMT Science At/Above Goal Among DRG B Districts

	Group	Science 5	Science 8
B	Avon	91.5	83.9
B	Bethany	78.2	-
B	Brookfield	81.5	80.5
B	Cheshire	81.8	84.8
B	Fairfield	80.0	83.8
B	Farmington	92.1	87.3
B	Glastonbury	86.9	83.5
B	Granby	91.7	88.8
B	Greenwich	81.8	77.6
B	Guilford	84.0	87.0
B	Madison	92.5	85.1
B	Monroe	88.1	87.6
B	New Fairfield	81.8	75.8
B	Newtown	82.2	88.3
B	Orange	89.7	-
B	Simsbury	86.9	89.4
B	South Windsor	79.4	87.2
B	Trumbull	85.1	81.2
B	West Hartford	74.8	72.9
B	Regional #15	83.5	84.7
	Ranking for DRB B	4/20	11/20

2012 CAPT Highlights

Mathematics:

- percentage of all students at or above proficiency rose 2 percentage points
- percentage of all students at or above goal rose 5 percentage points

Reading:

- percentage of all students at or above proficiency remained stable
- percentage of all students at or above goal dropped 3 percentage points

Writing:

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

Science:

- percentage of all students at or above proficiency dropped 1 percentage point
- percentage of all students at or above goal rose 1 percentage point from last year

Percentage of Students At/Above Goal

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

Percentage of Students At/Above Proficiency

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

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

2006	2007	2008	2009	2010	2011	2012
63.6%	57.9%	56.0%	51.2%	62.3%	60.4%	56.3%

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	3	16	31	50	96	81
Reading	0	4	26	41	29	96	70
Writing	0	3	10	30	57	97	87
Science	1	3	20	28	48	96	76

Next Steps

- Detailed analysis at the grade level, department level & classroom level
- Identify students in below basis, basic, and proficient performance levels & identify deficiency areas in order to provide targeted intervention
- Complete strand analysis to identify strengths & weaknesses
Create & implement plan to address areas of weakness
- Continue curriculum work to vertically align K-12 curriculum with new Common Core State Standards
- Begin to develop an understanding of the new state assessments that will replace the CMT & CAPT in 2014

Next Steps...continued

- Examine SRBI model & strategies to ensure continued improvement among at-risk students
- Pilot the SIOP model to support our increasing number of English Language Learners at the classroom level