

# 2014 Science CMT & CAPT Summary

Board of Education Presentation

November 18, 2014

# CMT Science Results

## Percentage of Students At/Above Goal for 2006-2014

<b>Grade Level</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Grade 5	NA	NA	78	89	86	89	92	81	76
Grade 8	NA	NA	92	90	88	89	84	88	90

## Percent of Students by Performance Level

Grade	Level 1 Below Basic	Level 2 Basic	At/Above Grade Level		
			Level 3 Proficient	Level 4 Goal	Level 5 Advanced
5	1.5	3.7	19.1	52.9	22.8
8	1.6	1.9	6.1	51.6	38.8

# Science

## Comparison of 2014 CMT Science At/Above Goal

### DRG A Districts

DRG	Group	Science 5	Science 8
A	Darien	79.8	89.8
A	Easton	89.8	89.3
A	New Canaan	93.7	88.3
A	Redding	84.4	86.4
A	Ridgefield	88.7	88.8
A	Weston	89.4	88.0
A	Westport	86.0	86.2
A	Wilton	88.6	89.0
B	Avon	75.7	90.4

#### Ranking for Avon

**DRG A:**                      **9/9**                      **1/9**

### 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

#### Ranking for Avon

**DRG B:**                      **13/19**                      **1/17**

# CAPT Science Results

## Percentage of Students At/Above Goal

2006	2007	2008	2009	2010	2011	2012	2013	2014
81	78	76	70	76	75	76	83	76

## Percentage of Students At/Above Proficiency

2006	2007	2008	2009	2010	2011	2012	2013	2014
98	97	97	96	97	97	96	97	96

## Avon (DRG B) Compared to DRG A Districts

Group	At/Above Goal	At/Above Proficiency
Avon	76.1	96.0
Darien	76.6	98.2
New Canaan	81.6	98.2
Ridgefield	80.2	97.4
Weston	81.5	96.9
Wilton	77.4	97.6
Region 9	84.4	98.8

Ranking for Avon 7/7

7/7



# Avon Compared to Like DRG B Districts

Group	At/Above Goal	At/Above Proficiency
Avon	76.1	96.0
Brookfield	70.9	94.4
Cheshire	70.6	94.9
Fairfield	73.5	94.1
Farmington	69.4	95.4
Glastonbury	70.7	92.8
Granby	78.6	96.4
Greenwich	69.3	91.8
Guilford	73.1	93.5
Madison	68.9	96.3
Monroe	80.2	96.9
New Fairfield	71.4	95.9
Newtown	72.1	94.7
Simsbury	82.3	95.5
South Windsor	79.4	95.2
Trumbull	76.4	95.7
West Hartford	72.6	92.8
Region 5	76.8	96.1
Region 15	74.3	96.5

Ranking for Avon

7/19

6/19

# Next Steps

- Continue curriculum work to vertically align K-12 curriculum utilizing the new Next Generation Science Standards
- Restructure delivery of science in grade 5
- Maintain 8<sup>th</sup> grade focus on baseline data & intervention
- Incorporate chemistry in all science courses