



**Connecticut Academic Performance Test  
(CAPT)  
Third Generation  
Grade 10**

Presented to the Madison Board of Education  
August 2009

## 2009 CAPT - Third Generation Comparison of Achievement Grade 10

<b>MATHEMATICS</b>							
<b>Percent in State Goal Range</b>					<b>Percent at/above NCLB Proficient Level</b>		
	State	DRG B	District		State	DRG B	District
<b>Year</b>							
2007	45.2	67.78	79.8		77.3	93.2	95.6
2008	50.2	73.64	74.9		79.7	94.2	95.0
2009	48.0	71.54	71.4		78.4	93.8	96.1

<b>SCIENCE</b>							
<b>Percent in State Goal Range</b>					<b>Percent at/above NCLB Proficient Level</b>		
	State	DRG B	District		State	DRG B	District
<b>Year</b>							
2007	44.5	66.1	76.8		81.4	95.5	98.0
2008	46.5	69.5	72.9		80.5	95.3	96.3
2009	43.0	67.0	73.5		78.4	93.9	94.3

## 2009 CAPT – Third Generation Comparison of Achievement Grade 10

<b>READING ACROSS THE DISCIPLINES</b>							
<b>Percent in State Goal Range</b>					<b>Percent at/above NCLB Proficient Level</b>		
	State	DRG B	District		State	DRG B	District
<b>Year</b>							
2007	45.5	67.6	74.1		79.7	94.1	97.3
2008	45.5	70.0	75.6		82.7	95.0	96.0
2009	47.5	71.6	81.6		81.8	95.3	98.7

<b>WRITING ACROSS THE DISCIPLINES</b>							
<b>Percent in State Goal Range</b>					<b>Percent at/above NCLB Proficient Level</b>		
	State	DRG B	District		State	DRG B	District
<b>Year</b>							
2007	53.0	73.2	84.1		82.3	93.8	98.0
2008	57.8	78.3	82.9		88.2	96.6	98.0
2009	55.1	77.4	87.1		86.5	96.3	98.1

# CMT - CAPT

## Same Class Comparison

<b>Percent At or Above Goal on State Tests</b>					
	<b>September</b>	<b>September</b>	<b>March</b>	<b>March</b>	<b>March</b>
	<b>2002 - 2003</b>	<b>2004 – 2005</b>	<b>2005-2006</b>	<b>2006-07</b>	<b>2008-09</b>
	<b>Grade 4</b>	<b>Grade 6</b>	<b>Grade 7</b>	<b>Grade 8</b>	<b>Grade 10</b>
<b>Mathematics</b>	74.9	82.0	83.8	90.9	71.3
<b>Reading</b>	79.5	85.3	87.3	91.2	81.9
<b>Writing</b>	74.2	86.2	89.3	93.8	87.3

**2007 & 2008 CAPT – Third Generation  
Students At or Above Goal on the Content Areas of  
Mathematics, Science, Reading and Writing**

2007							2008					
	State		DRG B		Madison		State		DRG B		Madison	
	#	%	#	%	#	%	#	%	#	%	#	%
<b>Tested</b>	42,895		6,984		297		42,697		7800		301	
<b>None of Areas</b>	14,678	34.2	913	12.2	18	6.1	13,478	31.6	860	10.5	30	10.0
<b>Only 1 Area</b>	5,847	13.6	674	10.1	24	8.1	5,664	13.3	709	8.7	20	6.6
<b>Only 2 Areas</b>	5,515	12.9	942	13.45	31	10.4	5,277	12.4	975	12.5	32	10.6
<b>Only 3 Areas</b>	5,533	12.9	1,301	18.9	48	16.2	5,691	13.3	1,317	17.0	45	15.0
<b>All 4 Areas</b>	11,322	26.4	3,118	45.4	176	59.3	12,527	29.4	3,939	51.3	174	57.8
2009							2010					
	#	%	#	%	#	%	#	%	#	%	#	%
	State		DRG B		Madison		State		DRG B		Madison	
<b>Tested</b>	42,614		7,688		318							
<b>None of Areas</b>	14,368	33.7	929	11.6	23	7.2						
<b>Only 1 Area</b>	5,673	13.3	748	9.5	21	6.6						
<b>Only 2 Areas</b>	5,298	12.4	942	12.2	39	12.3						
<b>Only 3 Areas</b>	5,350	12.6	1,276	16.6	58	18.2						
<b>All 4 Areas</b>	11,925	28.0	3,793	50.1	177	55.7						

# 2009 CAPT – Third Generation TOP TEN DISTRICTS IN DRG B

TOTAL Math	
DISTRICT	% GOAL
Granby	79.5
Simsbury	78.8
Farmington	77.7
Glastonbury	76.7
Avon	75.4
Monroe	74.6
Guilford	74.1
<b>Madison &amp; Brookfield</b>	<b>71.4</b>
Fairfield	70.9
Region 15	70.6

## 2009 CAPT – Third Generation TOP TEN DISTRICTS IN DRG B

TOTAL SCIENCE	
DISTRICT	% GOAL
Monroe	79.1
Granby	74.2
<b>Madison</b>	<b>73.5</b>
Region 15	73.2
Guilford	71.1
Avon	69.9
New Fairfield	69.7
Trumbull	69.4
Simsbury	69.2
Glastonbury	68.3

## 2009 CAPT – Third Generation TOP TEN DISTRICTS IN DRG B

TOTAL READING	
DISTRICT	% GOAL
<b>Madison</b>	<b>81.6</b>
Farmington	77.2
Simsbury	77.0
Guilford	76.0
Avon	73.8
Granby	73.3
Region 5	72.9
Fairfield	72.5
West Hartford	72.1
Greenwich & Newtown	71.0

**2009 CAPT – Third Generation  
TOP TEN DISTRICTS IN DRG B**

<b>TOTAL WRITING</b>	
<b>DISTRICT</b>	<b>% GOAL</b>
<b>Madison</b>	<b>87.1</b>
Simsbury	85.3
Farmington	84.2
Trumbull	80.7
New Fairfield	79.9
Granby	79.5
Greenwich	79.1
Guilford	79.0
Region 15	78.4
Avon	78.2

**2009 CAPT – Third Generation  
TOP DISTRICTS In State  
Math**

<b>DISTRICT</b>	<b>DRG</b>	<b>% GOAL</b>
Wilton	A	88.1
Weston & New Canaan	A	86.7
Darien	A	85.4
Westport	A	83.2
Canton	C	82.8
Granby	B	79.5
Simsbury	B	78.8
Farmington	B	77.7
Ridgefield	A	77.5
Old Saybrook	D	77.3
Glastonbury	B	76.7
East Lyme	D	75.9
Avon	B	75.4
RSD #9	B	74.9
Monroe	B	74.6
Guilford	B	74.1
RSD #10	C	73.5
Litchfield	E	73.1
Suffield	C	71.8
<b>Madison</b>	<b>B</b>	<b>71.4</b>

**2009 CAPT – Third Generation  
TOP TEN DISTRICTS IN State  
Science**

<b>DISTRICT</b>	<b>DRG</b>	<b>% GOAL</b>
<b>Weston</b>	<b>A</b>	<b>83.6</b>
Monroe	B	79.1
New Canaan	A	78.0
Wilton	A	77.4
Westport	A	74.7
Granby	B	74.2
Darien	A	73.6
<b>Madison</b>	<b>B</b>	<b>73.5</b>
RSD #15	B	73.2
Ridgefield	A	72.7

## 2009 CAPT – Third Generation TOP TEN DISTRICTS IN State Reading

<b>DISTRICT</b>	<b>DRG</b>	<b>% GOAL</b>
Westport	A	87.6
New Canaan	A	85.2
Darien	A	84.4
Wilton	A	83.0
Weston	A	81.7
<b>Madison</b>	<b>B</b>	<b>81.6</b>
Ridgefield	A	79.5
Farmington	B	77.2
Simsbury	B	77.0
RSD #9	B	71.9

## 2009 CAPT – Third Generation TOP TEN DISTRICTS IN State Writing

<b>DISTRICT</b>	<b>DRG</b>	<b>% GOAL</b>
<b>Weston</b>	<b>A</b>	<b>92.4</b>
Darien	A	90.3
Wilton	A	90.1
Ridgefield	A	89.0
New Canaan	A	88.8
Westport	A	88.3
<b>Madison</b>	<b>B</b>	<b>87.1</b>
Simsbury	B	85.3
Farmington	B	84.2
RSD #9	B	84.0

**2009 CAPT – Third Generation  
Grade 10**

	<b>Mathematics</b>	<b>Science</b>	<b>Reading</b>	<b>Writing</b>
	<b>Average Scale Score</b>	<b>Average Scale Score</b>	<b>Average Scale Score</b>	<b>Average Scale Score</b>
State	251.8	255.0	245.2	258.6
DRG B	276.6	282.8	271.0	283.5
<b>Madison</b>	<b>276.6</b>	<b>290.2</b>	<b>280.4</b>	<b>298.6</b>

**2007 – 2008 - 2009 CAPT – Third Generation  
Comparison of Aggregate with Not Special Education  
Mathematics**

<b>Total Mathematics</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>Aggregate</b>	<b>Not SPED</b>	<b>Aggregate</b>	<b>Not SPED</b>	<b>Aggregate</b>	<b>Not SPED</b>
<b>Number Tested</b>	297	270	299	258	307	284
<b>Average Scale Score</b>	281.1	285	276.5	283.8	276.6	279.9
<b>% Below Basic</b>	1.3	0.4	1.7	0	0.0	0.0
<b>% Basic</b>	3.0	1.9	3.3	0.4	3.9	1.4
<b>% Proficient</b>	15.8	13.7	20.1	15.5	24.8	23.6
<b>% Goal</b>	37.4	38.5	36.8	41.1	40.4	42.3
<b>% Advanced</b>	42.4	45.6	38.1	43.0	30.9	32.7
<b>% At / Above Goal</b>	79.8	84.1	74.9	84.1	71.3	75.0

## 2007 – 2008 - 2009 CAPT – Third Generation Comparison of Aggregate with Not Special Education Science

Total Science						
	2007		2008		2009	
	Aggregate	Not SPED	Aggregate	Not SPED	Aggregate	Not SPED
<b>Number Tested</b>	297	270	299	259	316	284
<b>Average Scale Score</b>	287.6	290.6	287.9	294.0	290.6	297.4
<b>% Below Basic</b>	0.7	0.4	1.7	0.4	2.2	0.0
<b>% Basic</b>	1.3	1.1	2.0	0.4	3.2	0.7
<b>% Proficient</b>	21.2	18.5	23.4	20.1	20.9	20.1
<b>% Goal</b>	31.3	31.9	25.8	26.6	31.3	33.5
<b>% Advanced</b>	45.5	48.1	47.2	52.5	42.4	45.8
<b>% At / Above Goal</b>	76.8	80.0	72.9	79.2	73.7	79.3

# 2007 – 2008 - 2009 CAPT – Third Generation Comparison of Aggregate with Not Special Education Reading

<b>Total Reading</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>Aggregate</b>	<b>Not SPED</b>	<b>Aggregate</b>	<b>Not SPED</b>	<b>Aggregate</b>	<b>Not SPED</b>
<b>Number Tested</b>	297	270	299	259	308	284
<b>Average Scale Score</b>	275.1	279.5	275.2	281.6	280.8	284.3
<b>% Below Basic</b>	0.7	0.4	1.7	0	0.0	0.0
<b>% Basic</b>	2.0	1.5	2.3	1.5	1.0	0.0
<b>% Proficient</b>	23.2	20.0	20.4	17.4	17.2	14.8
<b>% Goal</b>	32.0	32.2	30.8	31.8	35.1	34.9
<b>% Advanced</b>	42.1	45.9	44.8	49.8	46.8	50.4
<b>% At / Above Goal</b>	74.1	78.1	75.6	81.1	81.9	85.3

**2007 – 2008 - 2009 CAPT – Third Generation  
Comparison of Aggregate with Not Special Education  
Writing**

<b>Total Writing</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>Aggregate</b>	<b>Not SPED</b>	<b>Aggregate</b>	<b>Not SPED</b>	<b>Aggregate</b>	<b>Not SPED</b>
<b>Number Tested</b>	296	269	298	258	316	284
<b>Average Scale Score</b>	279.4	283.2	283.2	289.7	298.9	305.1
<b>% Below Basic</b>	0.3	0	0.7	0	0.0	0.0
<b>% Basic</b>	1.7	1.1	1.3	0.8	1.6	0.4
<b>% Proficient</b>	13.9	10.8	15.1	9.3	11.1	7.0
<b>% Goal</b>	39.9	40.1	40.3	41.5	29.1	29.9
<b>% Advanced</b>	44.3	48.0	42.6	48.4	58.2	62.7
<b>% At / Above Goal</b>	84.1	88.1	82.9	89.9	87.3	92.6

**Intermediate Goals: Percent Proficient on  
Mathematics and Reading Tests to Determine AYP and  
Reach 100% Proficient by 2013-14**

	Reading		Mathematics	
	AYP Level	Suggested Annual Targets	AYP Level	Suggested Annual Targets
2002-03	62%	62%	59%	59%
2003-04	62%	65%	59%	62%
2004-05	72%	72%	69%	69%
2005-06	72%	75%	69%	73%
2006-07	72%	78%	69%	76%
2007-08	81%	81%	80%	80%
2008-09	81%	84%	80%	83%
2009-10	81%	88%	80%	87%
2010-11	91%	91%	90%	90%

# What are Madison's Goals?

- 1. Increase the number of students who achieve Goal or Proficiency
- 2. Reduce the number of students who score at Basic or Below Basic
- 3. Be listed among the top ten districts in the state in all subject areas.

CAPT 2009  
Almost Proficient

<b>Tests</b>	<b>Male</b>	<b>Female</b>	<b>SPED</b>	<b>Not SPED</b>
<b>Math</b>	5	7	8	4
<b>Science</b>	6	12	16	2
<b>Reading</b>	2	2	4	NA
<b>Writing</b>	2	4	5	2

CAPT 2009  
Almost at Goal

<b>Tests</b>	<b>Male</b>	<b>Female</b>	<b>SPED</b>	<b>Not SPED</b>
<b>Math</b>	35	41	9	67
<b>Science</b>	32	34	9	57
<b>Reading</b>	42	11	11	42
<b>Writing</b>	20	15	15	20

What will be Madison's Focus?

**Mathematics**

## Next steps include

- Analyzing CAPT achievement data by course achievement data
- Providing interventions for students with low achievement in core subjects.