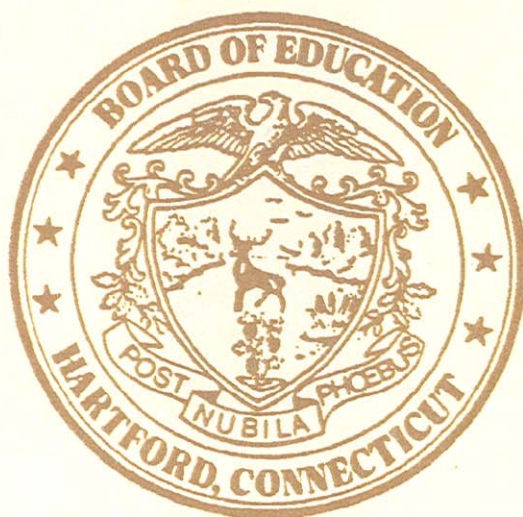


Connecticut Mastery Test Spring 2007 Results



Hartford Public Schools

July 25, 2007

Executive Summary

Background

The Connecticut Mastery Test (CMT) was first administered in the fall 1986 to students in grades four, six, and eight in the subject areas of Mathematics, Reading, and Writing. A second generation of the CMT was introduced in 1993, and a third generation in 2000. The fourth generation of the CMT, implemented in the spring of 2006, was expanded to include students in grades three, five, and seven. In 2008, students in grades five and eight will also be tested in Science. All students, including English Language Learners and Students with Disabilities, are required to take the CMT.

Over the past three years, performance of students in the Hartford School District has continued to decline, while average overall scores for the State of Connecticut have risen at a rate of approximately 1% per year. Based on these results, Hartford's public education system must implement significant reform measures to close the achievement gap for its students.

The four performance measures for the 2006-2007 school years include third grade reading (early literacy), fourth grade math, fifth grade writing, and seventh grade math. In all four categories, the district assumed that average performance of Hartford students would cease to decline and remain stable for the 2006-2007 school year.

The Hartford School District 2007 Preliminary CMT Results

The 2007 preliminary CMT results coincided with the assumption of level or increased performance in three of the four performance measures: third grade reading (early literacy), fifth grade writing, and seventh grade math. The average performance of Hartford students did not decline for the first time in several years. In addition, the achievement gap between the state and the district begins to narrow in Mathematics and Writing, with several schools showing double-digit gain in the percent of students at or above the proficient level. Reading scores remained stable for third grade, but declined at other grade levels, underscoring the need to implement a reform/redesign strategy.

The three schools that demonstrated the most significant overall gains are Betances, Burr, and Naylor.

2007 Connecticut Mastery Test District At A Glance

Grade	Year	Mathematics		Reading		Writing	
		Percent At/Above Goal	Percent At/Above Proficient	Percent At/Above Goal	Percent At/Above Proficient	Percent At/Above Goal	Percent At/Above Proficient
3	2007	22.4 (+2.0)	48.3 (+2.3)	13.1(-1.6)	30.3 (nc)	28.3 (+1.2)	60.5 (+5.3)
	2006	20.4	46.0	14.7	30.3	27.1	55.2
4	2007	17.9 (-4.5)	42.5 (-5.9)	14.1 (-3.4)	28.3 (-6.2)	26.9 (-3.0)	55.9 (-4.9)
	2006	22.4	48.4	17.5	34.5	29.9	60.8
5	2007	23.5 (+1.5)	47.2 (+1.1)	19.5 (nc)	33.0 (+ 0.5)	28.1 (-1.3)	61.5 (+2.7)
	2006	22.0	46.1	19.5	32.5	29.4	58.8
6	2007	27.0 (+2.1)	55.3 (+4.0)	29.9 (-1.0)	44.4 (-2.6)	32.7 (+2.8)	64.0 (+3.5)
	2006	24.9	51.3	30.9	47.0	29.9	60.5
7	2007	22.3 (+2.8)	47.4 (+3.6)	30.2 (-1.3)	43.0 (-1.4)	27.2 (+0.6)	56.8 (+3.4)
	2006	19.5	43.8	31.5	44.4	26.6	53.4
8	2007	22.7 (+3.4)	47.8 (+2.6)	31.8 (+0.3)	45.4 (-0.1)	29.3 (+0.2)	58.1 (+0.8)
	2006	19.3	45.2	31.5	45.5	29.1	57.3

District Measures 2007 Connecticut Mastery Test Percent At or Above Proficient

Measure 1: 3rd Grade Reading

Measure 2: 4th Grade Mathematics

Measure 3: 5th Grade Writing

Measure 4: 7th Grade Mathematics

District Target Met =

2007 Connecticut Mastery Test Most Improvement by Grade & Subject

Of Notable Mention:

Grade 3:

Mathematics:	Betances	+40 points
Reading:	Burr	+20 points
Writing:	Betances	+33 points

Grade 4:

Mathematics:	Burr	+20 points
Reading:	SAND	+19 points
Writing:	Betances	+21 points

Grade 5:

Mathematics:	Hooker & Waverly	+19 points
Reading:	Hooker	+14 points
Writing:	Hooker	+28 points

Grade 6:

Mathematics:	Kinsella	+26 points
Reading:	Parkville	+14 points
Writing:	Burr	+25 points

Grade 7:

Mathematics:	Classical	+35 points
Reading:	Capital Prep	+29 points
Writing:	Batchelder	+25 points

Grade 8:

Mathematics:	Webster	+21 points
Reading:	Moylan	+17 points
Writing:	Naylor	+23 points

**2007 Connecticut Mastery Test
Most Significant Gains
(based on Overall School Index)**

★ *Betances*

★ *Burr*

★ *Naylor*

CAPT Not Included:

★ *Classical*

★ *Capital Prep*

Overall School Index (OSI)

What is the Overall School Index (OSI)?

- OSI was developed by the Connecticut State Department of Education with the U.S. Department of Education to comply with Title I requirements.
- OSI was used from 1993 to 2001 to annually rank Title I schools and measure school improvement toward the state goal by focusing on schools rather than individual students.
- OSI takes all student performance into consideration- not only students that meet the state performance goal- but also those student who move from lower performance levels to higher performance levels (increased performance).
- The Hartford Public School District now uses OSI to evaluate schools within the District's School Improvement Matrix.
- The **Hartford School Improvement Matrix** ranks schools based on their relative performance and annual rate of improvement. Schools fall within four (4) categories that determine their level of autonomy:
 1. Autonomous- Relatively high-performing and/or significantly improving schools will be given considerable programmatic autonomy and freedom from bureaucratic operating constraints.
 2. Defined Autonomy- Schools in the mid-range of performance will be given autonomy relative to program and operations to build capacity for improvement.
 3. Intervention- Chronically low-performing schools that fail to improve will be subject to intervention and will fall under district control.
 4. Redesign- Chronically low-performing schools that fall significantly below proficiency standards and fail to improve for two years will be subject to redesign, closure or replacement with higher performing school models.

2007 Connecticut Mastery Test School Most Significant Overall Gains by Grade 2006 to 2007

Most Improved Grade 3:

o Betances	+19.5
o Clark	+14.8
o Burr	+13.3

Most Improved Grade 4:

o Burr	+ 8.7
o Betances	+ 7.9
o Burns	+ 7.2

Most Improved Grade 5:

o Hooker	+13.9
o West Middle	+12.6
o Naylor	+ 7.5

Most Improved Grade 6:

o Parkville	+10.2
o Fisher	+ 9.4
o Bellizzi	+ 7.1

Most Improved Grade 7:

o Capital Prep	+18.3
o Classical	+15.5
o Hooker	+ 9.3

Most Improved Grade 8:

o Webster	+14.7
o Burr	+13.9
o Naylor	+ 8.7

**SCHOOL IMPROVEMENT MATRIX
 BASED ON 2006 CMT GRADES 4, 6 & 8 AND CAPT GRADE 10
 (Original Matrix)**

		2002 TO 2006 RATE OF IMPROVEMENT			
		Improving > + 3.0	No Significant Change + 3.0 to - 3.0	Declining < - 3.0	
RELATIVE PERFORMANCE	Goal Range: OSI 70+	Hartford Magnet Middle Breakthrough Magnet			Autonomous
	High Proficient: OSI 60 to 69	Sports Medical Sciences Academy	University High	Classical Magnet Kennelly Rawson	Defined Autonomy
	Proficient: OSI 50 to 59	Pathways Mary Hooker McDonough	Capital Prep Batchelder J.C. Clark Wish	Webster Simpson-Waverly Dwight Parkville	Autonomy
	Below Proficient: OSI 40 to 49		Moylan Mark Twain Sanchez	Naylor West Middle Fisher Bulkeley High Burr M.L. King SAND Bellizzi Middle	Intervention
	Substantially Below Proficient: OSI below 40		Weaver High Kinsella	Fox Middle M.D. Fox Hartford High Barnard Brown Quirk Middle Burns Milner Betances	Redesign

**HARTFORD PUBLIC SCHOOLS
SCHOOL IMPROVEMENT CROSS MATRIX**
Based on 2007 Preliminary CMT Results for Grades 3-8

		2006 TO 2007 RATE OF IMPROVEMENT			
		Improving > + 3.0	No Significant Change + 3.0 to - 3.0	Declining < - 3.0	
R E L A T I V E P E R F O R M A N C E	Goal Range: OSI 70+	Classical* ↑	Hartford Magnet Middle		Autonomous
	High Proficient: OSI 60 to 69	Capital Prep* ↑	Breakthrough Magnet↓ Webster		Defined Autonomy
	Proficient: OSI 50 to 59	Naylor ↑ Burr ↑	Parkville Dwight Batchelder	Kennelly Rawson	
	Below Proficient: OSI 40 to 49		Simpson-Waverly ↓ West Middle Hooker ↓ Fisher Moylan Bellizzi Middle Kinsella ↑	Wish ↓ J.C. Clark ↓ Twain	Intervention
	Substantially Below Proficient: OSI below 40	Betances ↑	M.D. Fox SAND ↓ Fox Middle Barnard-Brown Burns Quirk Middle Milner	McDonough ↓ Sanchez ↓ M.L. King ↓	Redesign

*Dependent on CAPT scores (not yet available)

↑ Moved up level(s) of autonomy

↓ Moved down level(s) of autonomy