

Region 10 School District
**A Presentation of 2016 SAT, CAPT, CMT, and
Smarter Balanced Results**

*Board of Education Presentation
November 14, 2016*

Background Information

Smarter Balanced (SBA)

Annual state assessment, aligned to the Connecticut Core Standards for English Language Arts and Mathematics administered in the last 12 weeks of school in grades three to eight.

CT Mastery Test (CMT) *is the annual state assessment for science given in grades 5 and 8 in the spring- one day only.*

CT Academic Performance Test (CAPT) *is given in grade 10 for science only.*

Scholastic Aptitude Test (SAT) *is now the “high stakes” assessment in grade 11, replacing Smarter Balanced. Newly designed and aligned to CT Core Standards.*

SBA Measures Learning in Two Ways

1. Computer Adaptive test (Math & ELA)

- Based on student responses, the computer program adjusts the difficulty of questions throughout the test
- Contains a variety of item types, such as multiple choice, write-in responses, and technology enhanced items (multiple choice or write in items that use multimedia)

2. Performance Task (Math only)

- Activities that measure students' ability to apply knowledge and skills to a complex task
- Better measures of depth of understanding, research skills, and the ability to analyze information

SMARTER BALANCED RESULTS

English/Language Arts and Math

All
Students

Percent of Students Achieving Levels 3/4 by Grade

Grade	ELA (2015/2016)	Math (2015/2016)
3	74.2/72.9	78.0/80.8
4	69.4/76.7	62.8/79.1
5	69.8/62.1	47.2/45.6
6	70.6/66.7	55.0/47.1
7	78.2/72.8	55.9/55.8
8	76.4/69.0	63.4/48.0

ELA Results

Smarter Balanced Assessment	ELA Level 3/4 % 2016	ELA Level 3/4 2015
State Average	55.7 (+)	55.4
Nearby Communities		
Avon	81.1 (+)	82.3
Simsbury	80.5 (+)	79.9
Farmington	78.6 (+)	78.1
Litchfield	77.5 (+)	68.8
Canton	74.3 (+)	75.0
Region 10	69.9 (+)	73.7

Math Results

SBAC DRG C	Math Level 3/4 % 2016	Math Level 3/4 % 2015
State	44.0 (+)	39.1
Nearby Communities		
Avon	75.2 (+)	72.7
Farmington	72.5 (+)	63.9
Litchfield	68.1 (+)	60.5
Simsbury	67.6 (+)	64.9
Canton	66.6 (+)	56.8
Region 10	58.7 (-)	59.6

Science CMT Results

CMT Science	(2016/2015)	Mar-Bur (2016/2015)
Grade 5 Goal/Above	59.6/55.4	74.3/64.9
Grade 8 Goal/Above	60.2/61.1	82.8/75.9

CAPT Results

Grade 10	% At/Above Goal 2016	% At/Above Goal 2015
State	47.3	44.5
Lewis S. Mills	70.2	73.4

PSAT Scores – Fall 2015

- Grade 10 – 155 Students (out of 195)
 - 1043 – Average Total Score
 - 529 – Average ERW Score (99% met goal)
 - 514 – Average Math Score (77% met goal)

- Grade 11 – 175 Students (out of 188)
 - 1071 – Average Total Score
 - 544 – Average ERW Score (95% met goal)
 - 527 – Average Math Score (58% met goal)

**SAT 2016
DRG C Descending
Order**

ELA

**English-Language
Arts**

Score

Region 10	88.7	565
Region 17	86.3	563
Tolland	86.1	570
Region 8	86.0	570
Region 13	85	558
Canton	83.6	571
Region 18	83.2	567
Region 7	82.9	557
Suffield	82.2	556
Oxford	81.4	552
Region 19	81.3	560
Region 12	79.6	553

SAT 2016	ELA Level 3/4 %	ELA Average Score
<i>Nearby Communities</i>		
Avon	90.1	607
Region 10	88.7	565
Simsbury	87.5	588
Farmington	84.0	576
Litchfield	77.0	544
Bristol	68.6	515
Torrington	56.3	490

MATH

SAT 2016 DRG C Descending Order

Math Level 3/4 %

Math Average
Score

	Math Level 3/4 %	Math Average Score
Tolland	68.7	569
Region 8	68.6	562
Region 10	60.8	550
Region 18	59.7	543
Region 7	57.2	539
Canton	56.9	545
Suffield	54.4	534
Region 17	54.1	531
Region 19	53.7	545
Somers	51.5	537
Region 13	51.4	528

SAT 2016	Math Level 3/4 %	Math Average Score
<i>Nearby Communities</i>		
Avon	76.6	603
Simsbury	72.6	588
Farmington	61.3	568
Region 10	60.8	550
Litchfield	56.8	530
Bristol	34.1	492
Torrington	24.9	492

AP Scores – May 2016

- Total Students – 143
- Total Exams – 270
- Students with at least one score of 3+ – 112
- % of Students with at least one score of 3+ – 78.3
(state had 72.6%, nation had 60.2%)
- Overall pass rate for all exams – 73.7%
- Current 2017 Projections:
 - 164 Total Students
 - 327 Total Exams

Data Implications & Considerations by School:

Lewis Mills High School

- Grades 8-11 PSAT data is being used in all content areas to identify adjustments needed with curriculum and instruction.
- Focus on Next Generation Science Standards directly supports CAPT science.
- Student access to Khan Academy and College Board Resources are personalized for growth.

Har- Bur Middle School

Increase student achievement of grade-level standards:

- The HBMS Data Team analyzing the SBAC scores from 2016 to make informed decisions
- Extending teacher proficiency in Reading and Writing Workshop model to achieve Language Arts standards
- Integrating new math programs:
 - BRIDGES (Grade 5) - second-year implementation
 - GLENCOE (Grades 6-8) - first-year implementation

Harwinton Consolidated and Lake Garda Elementary Schools

Math

- This year, 3rd and 4th grade students taking the Smarter Balanced will be in their third year of Bridges Math
- We expect to continue to achieve at a high level as a result of Bridges use of visual models in developing students' deep understandings of mathematical concepts, proficiency with key skills, and ability to solve complex and novel problems.
- Procedures and policies are being developed and refined to identify students for support and intervention as well as enrichment.
- Brennan Glasgow is now an official trainer for the Bridges to Mathematics company.

Reading

- Year two of Readers Workshop implementation and professional development relationship with Teachers College.
- Students are reading more than ever! Volume of reading has significantly increased.
- Growing numbers of students meeting/exceeding benchmarks.

Writing

- Implementing new pre and post assessments for each unit – to help teachers identify student strengths as well as areas of need.
- Teachers are developing goals with students to establish ownership and providing students with specific feedback to improve.