

## Summary of 2023 Student Assessment Results, Smarter Balanced, NGSS, and CT SAT

This report provides an overview and summary of district assessment results for standardized tests that were administered in the spring of 2023. The information included below provides context for comparing district results with the performance in the state and District Reference Group (DRG) B which will be presented at the Board of Education meeting on September 26, 2023. The report also includes next steps recommended through collaboration with Alicia Farris, Robyn Ongley and Arnica Sullivan, K-12 Curriculum Specialists for English Language Arts, Mathematics and Science, respectively.

### I. Overview

The state of Connecticut has transitioned to state assessments which are aligned with the state standards for each core curricular area. The Connecticut Smarter Balanced assessments (SBAC) are aligned to Connecticut Core Standards in English language arts/literacy and mathematics and are administered yearly in grades 3–8. The Connecticut SAT is administered to all students in grade 11, and tests proficiency in the areas of ELA and mathematics. The Next Generation Science Standards (NGSS) test is administered in the spring in grades 5, 8, and 11.

To summarize the state testing requirements, the following table illustrates each of the assessments administered to students in the spring of 2023:

	3	4	5	6	7	8	11
SBAC - English Language Arts/Math	X	X	X	X	X	X	
NGSS - Science			X			X	X
CT SAT - Reading, Writing and Language, Math							X

### II. Smarter Balanced Assessment – Grades 3 - 8

SBAC assessments for ELA and mathematics were administered in the spring 2023 to students in Grades 3 through 8. Results are reported among performance levels 1 through 4 (from 1, “Does Not Meet Achievement Level” to 4, “Exceeds Achievement Level”). **Table 1** and **Table 2** provide the South Windsor data for ELA and mathematics, respectively. (See DRG B comparisons in Appendices A and B.)

Grade	Level 1	Level 2	Level 3	Level 4	Levels 3 and 4 % Meets or Exceeds Achievement Level		
	% Does Not Meet Achievement Level	% Approaching Achievement Level	% Meets Achievement Level	% Exceeds Achievement Level	2021	2022	2023
	<b>3</b>	15%	18%	22%	45%	<b>61%</b>	<b>79%</b>
<b>4</b>	12%	10%	25%	53%	<b>73%</b>	<b>70%</b>	<b>78%</b>
<b>5</b>	10%	15%	27%	47%	<b>74%</b>	<b>77%</b>	<b>74%</b>
<b>6</b>	12%	24%	29%	35%	<b>66%</b>	<b>75%</b>	<b>64%</b>
<b>7</b>	12%	18%	38%	32%	<b>68%</b>	<b>75%</b>	<b>70%</b>
<b>8</b>	17%	21%	33%	29%	<b>65%</b>	<b>68%</b>	<b>62%</b>
<b>SW avg</b>					67%	74%	69%
<b>CT State avg</b>					47%	49%	49%

**Table 2: Mathematics  
2023 Smarter Balanced Assessment Results by Grade and Level**

Grade	Level 1	Level 2	Level 3	Level 4	Levels 3 and 4 % Meets or Exceeds Achievement Level		
	% Does Not Meet Achievement Level	% Approaching Achievement Level	% Meets Achievement Level	% Exceeds Achievement Level			
					2021	2022	2023
3	13%	13%	28%	46%	68%	80%	74%
4	5%	16%	26%	53%	68%	69%	79%
5	12%	19%	19%	49%	63%	69%	68%
6	14%	22%	23%	41%	59%	65%	64%
7	18%	18%	24%	41%	53%	65%	65%
8	22%	22%	21%	35%	53%	54%	56%
SW avg					60%	67%	68%
CT State avg					35%	40%	42%

The Smarter Balanced assessment results also provide important data regarding the performance of subgroups. **Table 3** provides SBAC data for subgroups based on ethnicity, students with disabilities, English Learners, and high needs students.

**Table 3: English Language Arts and Mathematics  
2023 Smarter Balanced Results by Subgroup**

Subgroup	English Language Arts % of Students at Levels 3 and 4				Mathematics % of Students at Levels 3 and 4			
	SW 2021	SW 2022	SW 2023	State 2023	SW 2021	SW 2022	SW 2023	State 2023
	Asian	78%	86%	82%	72%	77%	85%	84%
Black or African American	50%	55%	49%	29%	31%	39%	34%	19%
Hispanic/Latino	51%	54%	48%	29%	36%	38%	48%	22%
White	70%	72%	69%	63%	61%	65%	67%	58%
Students with Disabilities	23%	23%	18%	16%	16%	17%	14%	13%
English Learners	39%	46%	37%	11%	39%	43%	44%	13%
High Needs	36%	45%	37%	28%	37%	37%	36%	22%

### III. Next Generation Science Standards – Grades 5, 8, and 11

NGSS assessments were administered in the spring 2023 to students in grades 5, 8 and 11. Results are reported among performance levels 1 through 4 (from 1, “Does Not Meet Achievement Level” to 4, “Exceeds Achievement Level”). **Table 4** provides the South Windsor data for NGSS, respectively. (See DRG B comparisons in Appendix C.)

**Table 4: Science  
2023 Next Generation Science Assessment Results by Grade and Level**

Grade	Level 1	Level 2	Level 3	Level 4	Levels 3 and 4 % Meets or Exceeds Achievement Level		
	% Does Not Meet Achievement Level	% Approaching Achievement Level	% Meets Achievement Level	% Exceeds Achievement Level			
					2021	2022	2023
5	6%	20%	45%	30%	74%	74%	75%
8	15%	21%	47%	18%	65%	67%	64%
11	8%	19%	51%	22%	70%	57%	73%
SW avg					68%	66%	71%
CT State avg					48%	47%	49%

The Next Generation Science Standards results also provides important data regarding the performance of subgroups. **Table 5** provides NGSS data for subgroups based on ethnicity, students with disabilities, and English Learners.

Table 5: Science 2023 Next Generation Science Results by Subgroup				
Subgroup	Science % of Students at Levels 3 and 4			
	SW 2021	SW 2022	SW 2023	State 2023
Asian	83%	82%	82%	73%
Black or African American	38%	40%	39%	25%
Hispanic/Latino	55%	52%	43%	29%
White	68%	74%	73%	63%
Students with Disabilities	28%	23%	28%	17%
English Learners	17%	10%	28%	10%

#### IV. Connecticut SAT – Grade 11

The Connecticut SAT was administered in March 2023 to eleventh grade students. South Windsor’s participation rate was 98.4%. **Table 6** provides the South Windsor data for ELA and mathematics, respectively. The table also provides comparative data for state results. (See DRG B comparisons in Appendix D.)

Table 6: South Windsor 2023 CT SAT Assessment Results English Language Arts and Mathematics – Grade 11 Students					
	ELA Average	Math Average	2021 Total Average Score	2022 Total Average Score	2023 Total Average Score
South Windsor	529	544	1086	1091	1073
State of CT	493	482	1010	987	975

#### V. District Highlights and Summary

South Windsor students continue to outperform the state in ELA, Math, and Science. When comparing unmatched cohorts, there is relatively stable performance with a slight decline in literacy.

**SBAC - English Language Arts:** South Windsor students outperformed the State’s average performance by 20 points. Fourth grade students maintained a high level of performance from 2022 as 3<sup>rd</sup> graders scored 5<sup>th</sup> in our DRG in 2023. Students at the middle school level did experience some decline in performance from 2022.

**SBAC – Mathematics:** South Windsor students outperformed the State’s average performance by 26 points. Fourth grade maintained a high level of performance from 2022, scoring 3<sup>rd</sup> in our DRG in 2023. While overall student performance from 2022 to 2023 remained relatively consistent, a decline in performance was noted in 8<sup>th</sup> grade.

**SBAC - Subgroup Performance:** South Windsor subgroup performance out performed the State in ELA, math, and science. Our English learners outperformed the State’s average performance by over 30 points. From 2022 to 2023 most subgroup performance remained relatively stable with some slight declines.

**NGSS – Science:** South Windsor students outperformed the State’s average performance by 22 points. While performance in 5<sup>th</sup> and 8<sup>th</sup> grade remained relatively stable from 2022 to 2023, 11<sup>th</sup> grade students saw a 16% increase from 2022 to 2023.

**NGSS - Subgroup Performance:** South Windsor subgroup performance outperformed the State’s average performance. From 2022 to 2023 subgroup performance is relatively stable with a slight decline in our Hispanic students’ performance. Our English learners, however, showed an 18% gain from 2022 to 2023.

**Connecticut SAT:** South Windsor students outperformed the State’s average performance on both the percentage of students meeting the benchmarks as well as the average score in both ELA and math. However, student performance from 2022 to 2023 saw a decline in ELA and math.

## **VI. Next Steps for Curriculum and Instruction**

In addition to continuing to provide a rich, rigorous, engaging instruction at all levels, next steps will include:

- Continued implementation of the SWPS teaching and learning framework.
- Focused use of data at all levels to accelerate learning
- Structured use of PLCs at the elementary level to collaborate with Multilingual and Special Education teachers
- Continued implementation of multi-tiered students supports and interventions K-12
- Intentional integration of SAT-like questions in high school courses
- Exploration of new SAT resources to support students
- Continued implementation of K-12 SEL framework
- Expanded use of instructional coaching K-12 to support tier 1 instructional practices

APPENDIX A

2023 DRG B COMPARISONS

Smarter Balanced Assessments - English Language Arts - Performance by Grade  
Percent at Levels 3 and 4 - "Meets or Exceeds the Achievement Level"

ENGLISH LANGUAGE ARTS					
DRG B	Grade 3	DRG B	Grade 4	DRG B	Grade 5
Woodbridge	75.5	Woodbridge	84.6	Woodbridge	84.4
Madison	75.1	Madison	82.0	Cheshire	81.6
Cheshire	74.8	Simsbury	80.2	Simsbury	81.6
Greenwich	72.7	Trumbull	78.8	Trumbull	80.8
Farmington	72.3	<b>South Windsor</b>	<b>77.9</b>	Madison	79.8
Guilford	71.6	Greenwich	75.8	Glastonbury	79.1
Fairfield	71.5	Newtown	75.7	Fairfield	76.7
Monroe	70.8	Guilford	74.6	Greenwich	76.1
Simsbury	68.8	Cheshire	74.5	<b>South Windsor</b>	<b>74.4</b>
Avon	67.9	Fairfield	73.6	Farmington	74.3
<b>South Windsor</b>	<b>67.1</b>	Monroe	73.3	Monroe	73.5
Trumbull	66.9	Glastonbury	72.3	New Fairfield	73.5
Glastonbury	65.5	Farmington	72.2	Orange	73.1
West Hartford	64.6	Granby	71.8	Guilford	70.4
Granby	63.1	Avon	69.4	Region 15	67.7
Newtown	62.9	Orange	68.1	Brookfield	67.2
Orange	61.2	West Hartford	68.1	Newtown	66.3
Region 15	61.2	Region 15	60.5	West Hartford	66.2
New Fairfield	61.1	New Fairfield	59.7	Granby	65.0
Brookfield	56.7	Brookfield	56.1	Avon	61.7
State of CT	45.5	State of CT	48.8	State of CT	51.3

DRG B	Grade 6	DRG B	Grade 7	DRG B	Grade 8
Woodbridge	81.4	Region 05	80.6	Farmington	77.2
Madison	79.2	Farmington	78.5	Cheshire	76.4
Glastonbury	77.2	Madison	78.4	Trumbull	76.2
Farmington	76.3	Guilford	75.8	Madison	75.7
Cheshire	75.7	Simsbury	75.2	Greenwich	74.9
Orange	75.7	Cheshire	74.9	Simsbury	73.7
Guilford	74.9	Monroe	74.7	Monroe	73.3
Simsbury	74.9	Fairfield	74.3	Region 05	72.3
Trumbull	73.9	Glastonbury	71.9	Glastonbury	71.5
Avon	73.8	Greenwich	71.9	Fairfield	71.0
Greenwich	73.2	Avon	71.5	Avon	70.8
Monroe	71.7	Trumbull	69.7	New Fairfield	70.7
Fairfield	68.9	<b>South Windsor</b>	<b>69.6</b>	Guilford	70.4
New Fairfield	67.5	Newtown	67.5	Newtown	67.6
Newtown	67.2	Brookfield	66.8	Granby	65.6
Brookfield	66.7	Granby	65.9	West Hartford	63.1
<b>South Windsor</b>	<b>63.9</b>	West Hartford	60.9	<b>South Windsor</b>	<b>62.3</b>
Granby	62.6	Region 15	56.7	Region 15	57.4
West Hartford	61.4	New Fairfield	56.5	Brookfield	55.3
Region 15	52.3				

State of CT	48.0	State of CT	48.8	State of CT	48.5
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APPENDIX B

2023 DRG B COMPARISONS

Smarter Balanced Assessments – Mathematics - Performance by Grade  
Percent at Levels 3 and 4 – “Meets or Exceeds the Achievement Level”

MATHEMATICS					
DRG B	Grade 3	DRG B	Grade 4	DRG B	Grade 5
Cheshire	83.2	Woodbridge	87.2	Woodbridge	82.8
Madison	81.1	Madison	80.8	Simsbury	78.0
Farmington	79.2	<b>South Windsor</b>	<b>78.8</b>	Cheshire	77.5
Greenwich	78.6	Trumbull	78.8	Glastonbury	75.8
Newtown	78.5	Simsbury	78.5	Madison	73.2
New Fairfield	77.6	Greenwich	78.1	Trumbull	72.4
Trumbull	77.5	Farmington	77.9	Fairfield	72.1
Glastonbury	77.3	Cheshire	77.2	Farmington	68.7
Woodbridge	75.7	Glastonbury	76.0	Greenwich	68.5
Fairfield	74.9	Fairfield	74.4	<b>South Windsor</b>	<b>68.4</b>
<b>South Windsor</b>	<b>74.4</b>	Newtown	74.0	New Fairfield	65.2
Monroe	73.7	New Fairfield	73.1	Region 15	64.2
Orange	73.5	Guilford	70.8	Monroe	64.1
Simsbury	72.8	West Hartford	68.5	Newtown	60.5
Avon	72.7	Region 15	67.3	Guilford	57.8
Region 15	69.0	Monroe	67.2	West Hartford	55.1
Guilford	68.7	Granby	65.5	Orange	53.2
Granby	66.9	Orange	64.8	Avon	52.0
West Hartford	65.4	Brookfield	60.2	Brookfield	46.9
Brookfield	56.7	Avon	59.6	Granby	43.9
State of CT	49.8	State of CT	48.3	State of CT	41.8

DRG B	Grade 6	DRG B	Grade 7	DRG B	Grade 8
Madison	83.2	Madison	81.4	Madison	76.3
Glastonbury	78.9	Region 05	75.6	Farmington	68.7
Woodbridge	76.5	Cheshire	69.7	Trumbull	67.2
Farmington	74.9	Farmington	68.0	Simsbury	66.1
Cheshire	74.4	Glastonbury	66.8	Guilford	65.8
Orange	70.8	Simsbury	66.8	Greenwich	65.5
Avon	69.0	Guilford	66.1	Glastonbury	62.9
Greenwich	68.8	Trumbull	66.1	Region 05	62.8
Guilford	68.4	Fairfield	65.8	Monroe	60.8
Trumbull	68.0	Monroe	65.6	Cheshire	60.4
Simsbury	67.2	Granby	65.3	New Fairfield	59.9
New Fairfield	66.2	<b>South Windsor</b>	<b>64.6</b>	Avon	59.2
<b>South Windsor</b>	<b>63.8</b>	Greenwich	62.9	Newtown	56.8
Fairfield	63.7	New Fairfield	62.4	<b>South Windsor</b>	<b>55.6</b>
Brookfield	62.8	Avon	60.6	West Hartford	54.1
Newtown	60.9	Newtown	59.9	Fairfield	53.4
West Hartford	58.3	Region 15	58.1	Region15	52.9
Monroe	55.4	Brookfield	56.8	Brookfield	46.6
Region 15	51.3	West Hartford	55.4	Granby	43.8
Granby	36.5				
State of CT	39.6	State of CT	39.9	State of CT	36.2

APPENDIX C

2023 DRG B COMPARISONS

Next Generation Science Standards - Performance by Grade  
Percent at Levels 3 and 4 – “Meets or Exceeds the Achievement Level”

Science					
DRG B	Grade 5	DRG B	Grade 8	DRG B	Grade 11
Woodbridge	85.9	Greenwich	76.8	Simsbury	84.6
Trumbull	83.1	Simsbury	75.5	Granby	83.1
Cheshire	80.1	Farmington	74.6	Farmington	80.8
Farmington	79.1	Monroe	73.4	Greenwich	78.6
Glastonbury	76.2	Trumbull	71.9	Avon	77.7
Fairfield	76.0	Avon	70.8	Trumbull	73.7
Madison	75.8	Newtown	70.6	<b>South Windsor</b>	<b>73.4</b>
Monroe	75.6	Glastonbury	70.5	West Hartford	72.3
Simsbury	74.8	New Fairfield	70.5	Newtown	70.0
<b>South Windsor</b>	<b>74.7</b>	Region 05	68.6	Cheshire	67.7
Greenwich	72.7	Madison	67.2	Glastonbury	65.4
Guilford	72.2	Cheshire	65.9	Fairfield	64.3
Brookfield	70.1	Guilford	65.0	Madison	61.4
Region 15	68.5	<b>South Windsor</b>	<b>64.2</b>	Region 05	59.0
New Fairfield	68.3	Granby	62.7	Guilford	58.8
Orange	66.5	Fairfield	61.3	New Fairfield	55.7
Granby	65.7	Brookfield	60.6	Region 15	51.1
West Hartford	65.0	West Hartford	57.0	Monroe	46.2
Newtown	64.3	Region 15	55.1	Brookfield	45.9
Avon	59.7				
State of CT	51.0	State of CT	47.6	State of CT	46.9



APPENDIX D

DRG B COMPARISONS

2023 Connecticut SAT Assessment for 11<sup>th</sup> Grade Students

English Language Arts

MEETS OR EXCEEDS ACHIEVEMENT LEVEL			
DRG B	Count	%	Average Score
Avon	218	83.0%	586
Guilford	264	80.3%	563
Madison	211	80.1%	562
Farmington	295	79.3%	569
Region 05	345	78.6%	559
Fairfield	776	77.7%	556
Granby	138	76.8%	542
Greenwich	626	76.8%	567
Simsbury	318	76.7%	550
Newtown	326	76.1%	545
Glastonbury	434	74.7%	551
Trumbull	534	72.3%	537
Cheshire	280	71.1%	544
Region 15	260	70.8%	533
Monroe	239	70.7%	545
New Fairfield	172	69.8%	527
West Hartford	697	69.7%	542
Brookfield	224	67.4%	522
<b>South Windsor</b>	<b>314</b>	<b>65.9%</b>	<b>529</b>
State of CT	36,019	52.4%	493

AVERAGE SCORE			
DRG B	Count	%	Average Score
Avon	218	83.0%	586
Farmington	295	79.3%	569
Greenwich	626	76.8%	567
Guilford	264	80.3%	563
Madison	211	80.1%	562
Region 05	345	78.6%	559
Fairfield	776	77.7%	556
Glastonbury	434	74.7%	551
Simsbury	318	76.7%	550
Monroe	239	70.7%	545
Newtown	326	76.1%	545
Cheshire	280	71.1%	544
Granby	138	76.8%	542
West Hartford	697	69.7%	542
Trumbull	534	72.3%	537
Region 15	260	70.8%	533
<b>South Windsor</b>	<b>314</b>	<b>65.9%</b>	<b>529</b>
New Fairfield	172	69.8%	527
Brookfield	224	67.4%	522
State of CT	36,019	52.4%	493

2023 Connecticut SAT Assessment for 11<sup>th</sup> Grade Students

Mathematics

MEETS OR EXCEEDS ACHIEVEMENT LEVEL			
DRG B	Count	%	Average Score
Avon	218	69.7%	586
Madison	211	69.7%	574
Guilford	264	63.6%	569
Greenwich	626	63.3%	567
Fairfield	776	60.6%	549
Region 05	345	60.6%	557
Farmington	294	60.5%	558
Glastonbury	433	60.5%	554
Trumbull	534	60.5%	546
Newtown	326	58.6%	551
West Hartford	696	58.0%	546
Monroe	239	57.7%	543
Simsbury	318	56.9%	549
Granby	138	55.8%	534
Region 15	260	54.2%	535
Cheshire	280	52.1%	538
New Fairfield	171	51.5%	528
<b>South Windsor</b>	<b>314</b>	<b>50.3%</b>	<b>544</b>
Brookfield	224	40.6%	514
State of CT	35,917	34.1%	482

AVERAGE SCORE			
DRG B	Count	%	Average Score
Avon	218	69.7%	586
Madison	211	69.7%	574
Guilford	264	63.6%	569
Greenwich	626	63.3%	567
Farmington	294	60.5%	558
Region 05	345	60.6%	557
Glastonbury	433	60.5%	554
Newtown	326	58.6%	551
Fairfield	776	60.6%	549
Simsbury	318	56.9%	549
Trumbull	534	60.5%	546
West Hartford	696	58.0%	546
<b>South Windsor</b>	<b>314</b>	<b>50.3%</b>	<b>544</b>
Monroe	239	57.7%	543
Cheshire	280	52.1%	538
Region 15	260	54.2%	535
Granby	138	55.8%	534
New Fairfield	171	51.5%	528
Brookfield	224	40.6%	514
State of CT	35,917	34.1%	482