

Student Performance Overview 2018-19

***Newtown Public Schools
Board of Education
October 15, 2019***

***Presented by:
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Assistant Superintendent***

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“However beautiful your strategy, you should occasionally look at your results.”

~Winston Churchill

Smarter Balanced Summative Assessment – ELA

Grade	Level 1	Level 2	Level 3	Level 4	Levels 3 and 4	
	% <i>Does Not Meet</i>	% <i>Approaching</i>	% <i>Meets</i>	% <i>Exceeds</i>	% <i>Meets or Exceeds Achievement Level</i>	
					2018	2019
3	11.7	17.8	24.9	45.6	80.1	70.5
4	10.6	13.6	23.1	52.7	67.6	75.8
5	11.3	12.8	36.2	39.7	71.6	75.9
6	10.0	21.5	37.1	31.5	72.3	68.5
7	4.5	17.2	44.8	33.5	76.2	78.3
8	7.0	16.4	45.2	31.4	75.8	76.5
Newtown avg	9.0	16.7	35.9	38.3	74.0	74.3
CT State avg	23.4	20.9	30.1	25.6	55.3	55.7

Smarter Balanced Summative Assessment – Math

Grade	Level 1	Level 2	Level 3	Level 4	Levels 3 & 4	
	% <i>Does Not Meet</i>	% <i>Approaching</i>	% <i>Meets</i>	% <i>Exceeds</i>	% <i>Meets or Exceeds Achievement Level</i>	
					2018	2019
3	9.3	17.8	36.7	36.3	82.0	73.0
4	4.0	19.8	35.2	41.0	65.8	76.2
5	13.5	31.2	20.9	34.4	52.8	55.3
6	12.6	27.1	24.1	36.2	69.5	60.3
7	8.6	17.5	25.2	48.7	69.0	73.9
8	13.5	19.9	24.9	41.6	67.2	66.6
Newtown avg	10.4	22.2	27.5	39.9	67.4	67.4
CT State avg	27.0	24.9	23.0	25.1	46.8	48.1

4-Year SBAC Comparison - ELA

	2019	2018	2017	2016
Grade 3	70%	80%	75%	79%
Grade 4	76%	68%	70%	76%
Grade 5	76%	72%	77%	76%
Grade 6	69%	72%	69%	71%
Grade 7	78%	76%	67%	74%
Grade 8	77%	76%	65%	76%

4-Year SBAC Comparison - Math

	2019	2018	2017	2016
Grade 3	73%	82%	75%	76%
Grade 4	76%	66%	68%	66%
Grade 5	55%	53%	65%	65%
Grade 6	60%	70%	67%	71%
Grade 7	74%	69%	70%	74%
Grade 8	67%	67%	67%	71%

Next Generation Science Standards Assessment – First Administration

% At Level 3 and 4

Grade 5

69%

Grade 8

74%

Grade 11

60%

Connecticut SAT School Day

Newtown	Part. Rate	2018 Level 3 and 4 Met or Exceeded		2019 Level 3 and 4 Met or Exceeded	
		Count	%	Count	%
Newtown ELA	96.4	322	80.4	348	86.8
Newtown Math	96.4	242	61.9	288	71.8
CT State Avg - ELA					61.6
CT State Avg - Math					40.6

4-Year AP Growth 2016-2019

Year	Exams	Testers	Exam Scores of 3 or Higher	Courses Offered
2016	742	389	619	24
2019	831	453	664	23
Growth	+12%	+16%	+7%	-1

**Smarter Balanced English Language Arts
All Grades Combined - Percent at Levels 3 and 4**

DRG B Districts	% Level 3 & 4/ Met or Exceeded
Regional School District 05	83.3
Cheshire School District	82.6
Monroe School District	82.5
Farmington School District	81.7
Simsbury School District	81.7
Guilford School District	81.2
Trumbull School District	80.1
Avon School District	78.9
Glastonbury School District	78.1
Fairfield School District	78.0
Greenwich School District	77.5
Granby School District	75.9
Regional School District 15	75.0
South Windsor School District	74.5
Newtown School District	74.3
New Fairfield School District	73.4
West Hartford School District	70.3
Madison School District	69.0
Brookfield School District	67.9

Smarter Balanced Mathematics
All Grades Combined - Percent at Levels 3 and 4

DRG B Districts	% Level 3 & 4/ Met or Exceeded
Regional School District 05	79.7
Guilford School District	77.6
Trumbull School District	76.5
Glastonbury School District	75.5
Cheshire School District	75.2
Avon School District	74.7
Farmington School District	74.5
Monroe School District	73.3
Greenwich School District	72.6
Fairfield School District	72.5
South Windsor School District	70.9
Regional School District 15	70.8
Simsbury School District	70.4
Newtown School District	67.4
New Fairfield School District	67.3
Madison School District	66.8
Brookfield School District	63.1
Granby School District	62.9
West Hartford School District	62.2

Connecticut School Day SAT - Percent at Levels 3 and 4 DRG B Comparison

Mathematics				Literacy			
DRG B Districts	Count	Percent Level 3 & 4/Met or Exceeded	Average Score	DRG B Districts	Count	Percent Level 3 & 4/Met or Exceeded	Average Score
Glastonbury	362	73.4	583	Newtown	348	86.8	573
Avon	168	72.7	588	Simsbury	307	86.2	589
Region 15	227	72.5	569	Guilford	243	85.9	577
Newtown	288	71.8	579	Cheshire	285	85.8	571
Monroe	159	71.3	570	Farmington	249	84.4	578
Simsbury	252	70.8	577	Avon	194	84.0	583
Guilford	194	68.6	576	Granby	134	83.8	570
Trumbull	322	67.1	567	Monroe	186	83.4	564
Fairfield	484	66.4	570	Fairfield	604	82.9	566
Farmington	195	66.1	575	Glastonbury	406	82.4	570
Greenwich	442	64.8	571	Greenwich	562	82.3	579
Cheshire	212	63.9	562	Region 5	300	81.3	569
Region 05	235	63.7	563	Trumbull	382	79.6	559
Granby	99	61.9	551	Region 15	248	79.2	564
West Hartford	433	61.7	556	West Hartford	554	78.9	566
South Windsor	192	60.6	554	New Fairfield	147	77.8	546
Brookfield	118	59.6	550	Brookfield	153	77.3	549
New Fairfield	91	48.1	522	South Windsor	243	76.7	557

SBAC Summary of Findings

- Average student performance in grades 3-8 remained fairly flat
- Performance higher in ELA than in math - consistent with past years and state trends.
- NPS students' performance far exceeds state performance, remains fairly consistent within DRG B.
- Students in Level 2 have the lowest percentage of students achieving their growth targets.
- Students in Levels 3 and 4 have the highest percentage of students achieving their growth targets.
- Subgroup performance remains fairly flat.
- Rough cohort data indicates positive performance over time.

SAT Summary of Findings

- 96.4% of NPS 11th graders participated.
- Scores increased in both Literacy and Math.
- There are significant differences between the design and delivery of SBAC and SAT.
- Moderate relationship between performance on the 8th grade SBAC and the 8/9 PSAT.
- 8th grade SBAC results may be helpful in identifying students in need of academic supports prior to taking SAT.
- SBAC assesses standards versus critical thinking aspects of SAT

NGSS Summary of Findings

- Comparison data not yet available from CSDE.
- Cautiously optimistic about performance.
- Efforts of the past two year and current efforts to update science curriculum and adjust instructional practices have been effective.

Advanced Placement Tests

- Significant increase in students' participating in AP exams despite decline in enrollment.
- Student performance is also improving.

Newtown High School Rankings

2019

All rankings:



 #859 in [National Rankings](#)

 #19 in [Connecticut High Schools](#)

 #9 in [Bridgeport, CT Metro Area High Schools](#)



[Best Public High Schools in Connecticut](#)

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Next Steps in Curriculum/Instruction

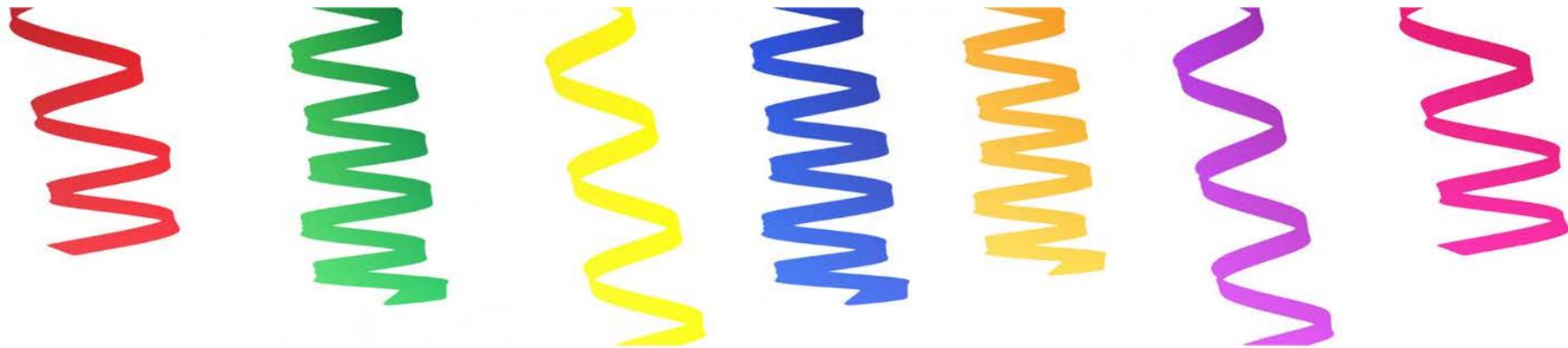
- Build capacity for data analysis and usage across levels
- Develop appropriate, rigorous, and attainable student learning goals
- Ensure a continuum of tiered supports is implemented with fidelity.
- Implement consistent testing windows throughout the district.
- Vertical review of CBAs in ELA and Mathematics.
- Build instructional coherence through routine learning walks.
- PD related to CCSS, NGSS and the related state assessments.
- Continued development of CBCI
- Continued development/implementation of NGSS-aligned curr.
- Continue to implement a social and emotional learning curriculum focusing on the whole child.

Data doesn't give all the answers, it helps us asks the questions...

- Are we keeping data in perspective?
- Are we using data to look at the bigger picture?
- Are we using data to guide improvement?
- Do we value qualitative data as much as quantitative?
- If so, what types of qualitative data should we collect to better inform the bigger picture?

Newtown Public Schools...

- Are engaging students in rigorous instruction at all levels
- Are preparing our students for college and career success
- Are providing a holistically supportive learning environment through purposeful social and emotional learning opportunities
- Have opportunities for growth and improvement achieved through viable and rich curriculum aligned with high standards
- Values qualitative data as much as quantitative.



*Celebrate what you've
accomplished but raise the
bar a little higher each time
you succeed.*

~ Mia Hamm