NEW MILFORD BOARD OF EDUCATION
New Milford Public Schools
50 East Street
New Milford, Connecticut 06776

BOARD OF EDUCATION
MEETING NOTICE

DATE:	October 16, 2018
TIME:	6:30 P.M. – 7:25 P.M.
PLACE:	Sarah Noble Intermediate School – Library Media Center

BOARD WORKSHOP AGENDA

New Milford Public Schools Mission Statement

The mission of the New Milford Public Schools, a collaborative partnership of students, educators, family, and community, is to prepare each and every student to compete and excel in an ever-changing world, embrace challenges with vigor, respect and appreciate the worth of every human being, and contribute to society by providing effective instruction and dynamic curriculum, offering a wide range of valuable experiences, and inspiring students to pursue their dreams and aspirations.

1. **CALL TO ORDER**
   A. Pledge of Allegiance

2. **PRESENTATION**
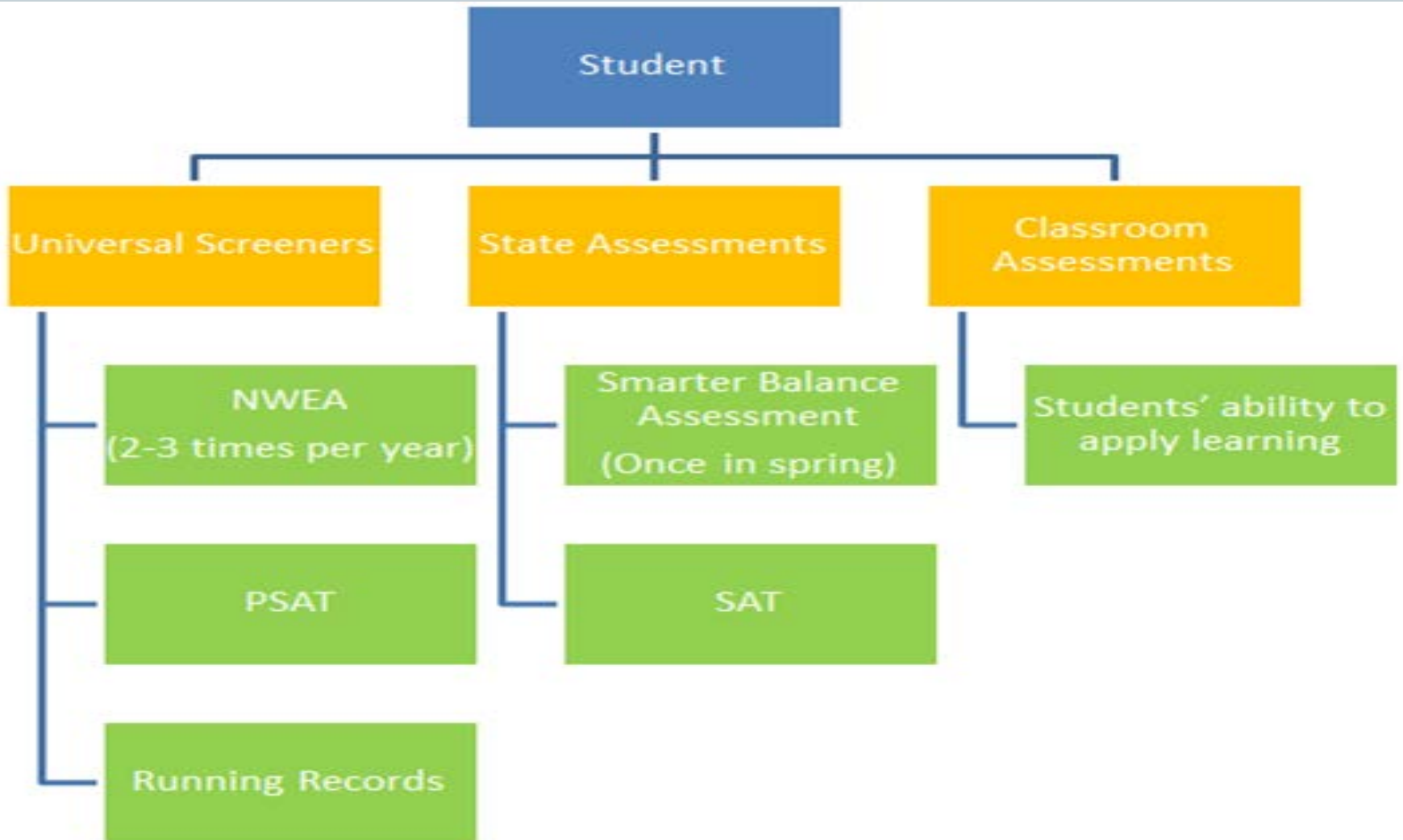   A. District Assessments

3. **ADJOURN**

2017-18 Assessment Results

NEW MILFORD PUBLIC SCHOOLS
New Milford Board of Education Workshop
OCTOBER 2018

PRESENTED BY:
ALISHA DICORPO, ASSISTANT SUPERINTENDENT
MICHAEL CLYNE, DISTRICT DATA COACH

Assessment Flowchart

Smarter Balanced Assessment

- The Smarter Balanced assessment is aligned to the Connecticut Core Standards for English Language Arts and Mathematics, for grades 3-8.
- The Smarter Balanced assessment replaced the CMT and CAPT.
- Administered in the spring of 2018
- Adaptive Assessment that includes performance tasks (math only).
- Schools and districts are evaluated not only by performance, but also individual student growth.
- 4 achievement levels (1 – 4) with levels 3 and 4 considered meeting goal.

Smarter Balanced Results
ELA Historic Performance
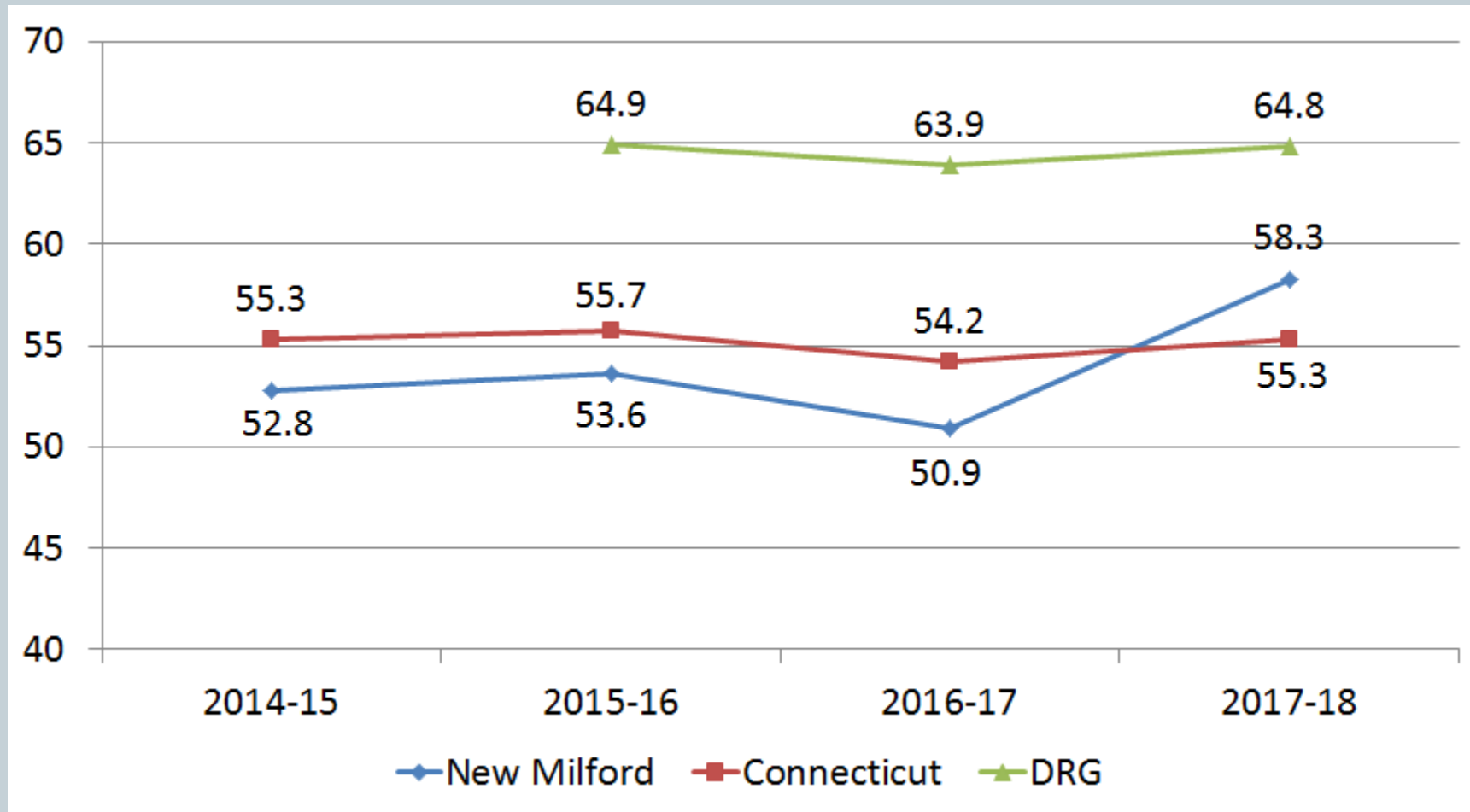
Smarter Balanced Results
Math Historic Performance
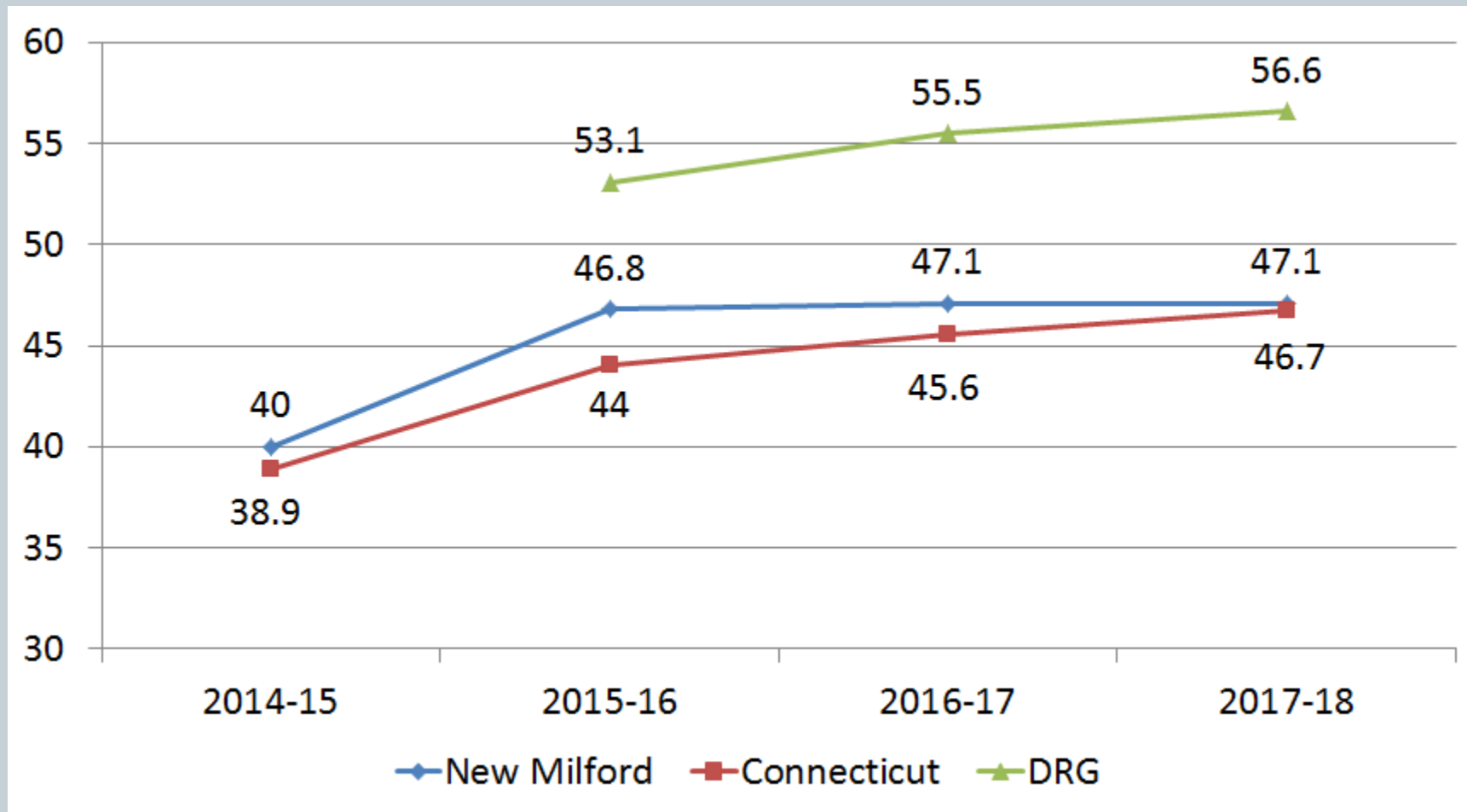
Smarter Balanced Summary

ELA

- New Milford had 7.4% increase in amount of students reaching state level benchmarks in grades 3rd-8th. State and DRG had less than 1% increases

- Went from 23rd of 24 districts in DRG to 20th

- 72nd percentile in state for growth and 4th highest in DRG for growth.
  - Grade 5 had 4th highest growth rate for state, only behind Simsbury, Westport and Chester.

- Increases in achievement for all subgroups

Math

- Maintained performance with 47.1% of students reaching state level benchmarks in grades 3rd-8th. State and DRG had slight 1% increases.

- Overall more students made year's growth (61%) in Math than compared to 2016-17 (58.7%).

- Was 20th in 2016-17 DRG and slid to 22nd (of 24) in 2017-18.

Connecticut CMT / CAPT Assessments

- 2018 was the Pilot year for the NGSS Science Assessment

- Participation rates counted for 2018

- 2019 Participation and Scores will count

SAT

- The SAT is designed to assess academic readiness for college.
- These exams provide a path to opportunities, financial support, and scholarships
- The SAT test keeps pace with what colleges are looking for today, measuring the skills required for success in the 21st century.
- State mandated assessment for 11th graders.

SAT Performance: Overall Score
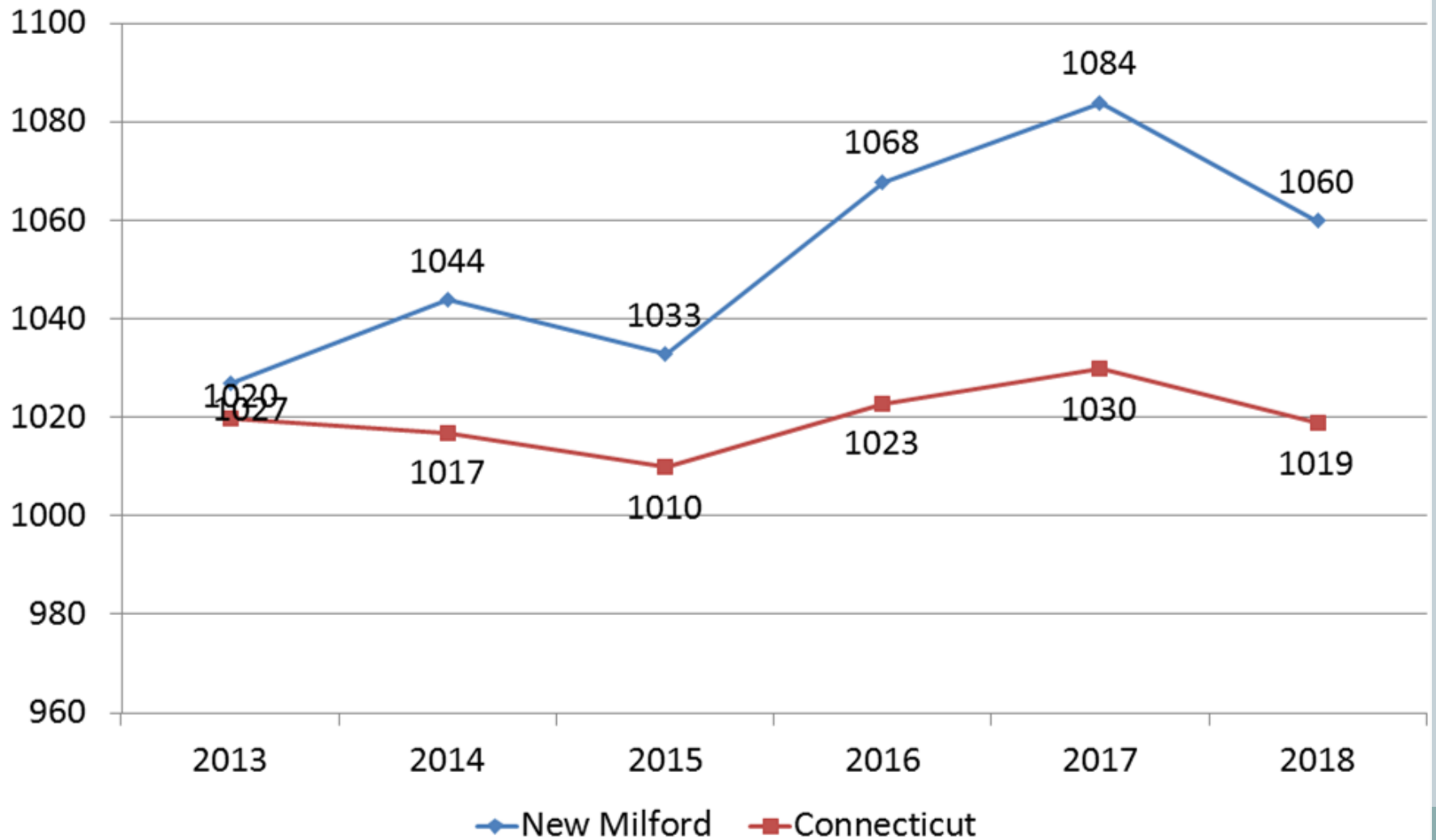
Physical Fitness: Historical Rates

Universal Screeners

PSAT: Fall

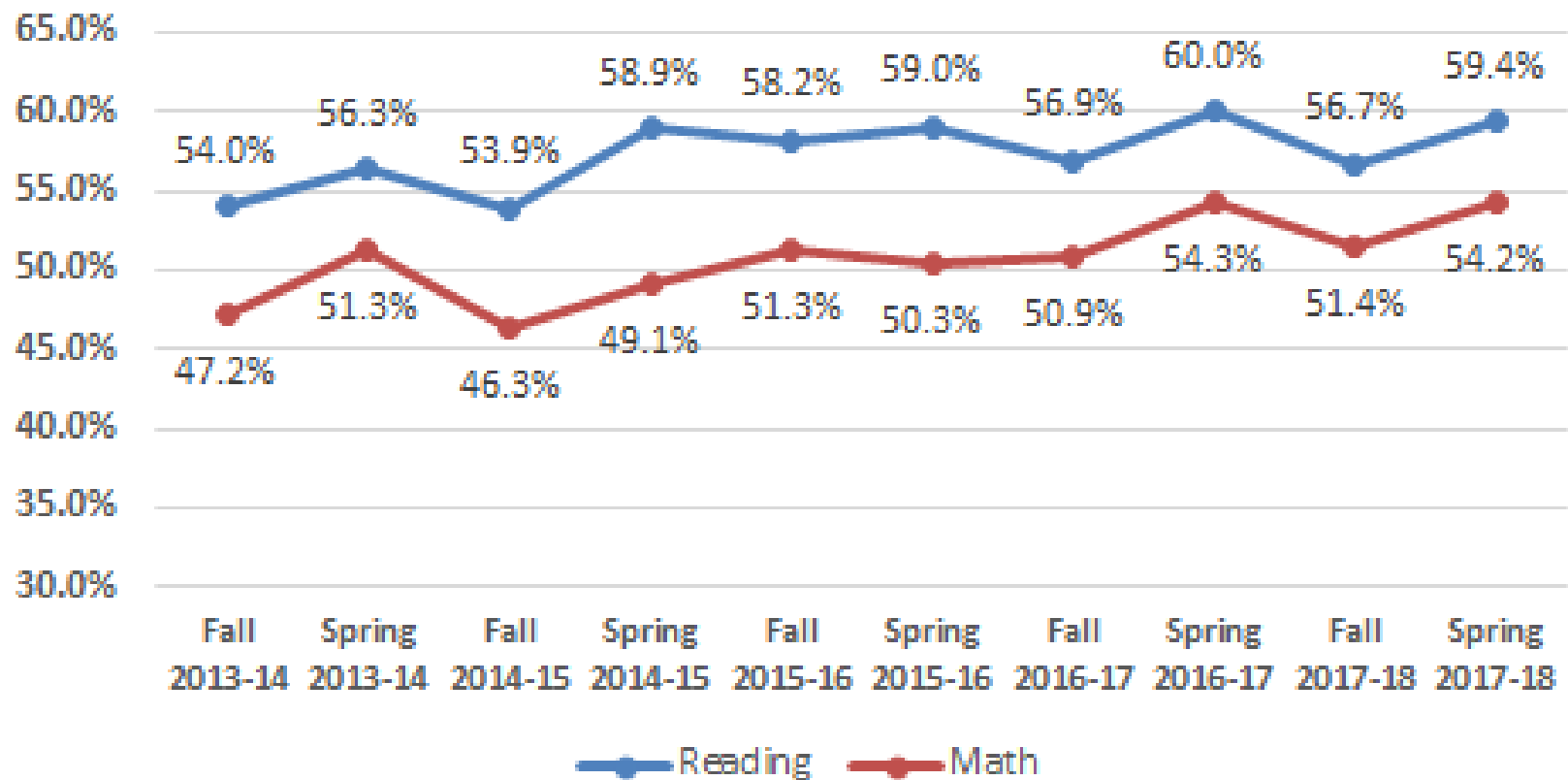| ELA			Math		
Grade	% of Students meeting benchmark: New Milford	% of Students meeting benchmark Connecticut	Grade	% of Students meeting benchmark: New Milford	% of Students meeting benchmark Connecticut
Grade 9	72	59	Grade 9	45	37
Grade 10	73	62	Grade 10	41	37
Grade 11	75	64	Grade 11	41	38

NWEA: Percentile Change

Average Percentile: NWEA

NWEA: Growth Comparison

Percentage of Students Making Projection

	2013-14	2014-15	2015-16	2016-17	2017-18
Reading	53.4	58.9	56.4	61	59.2
Math	51.3	51.5	51.7	62.6	57.9
NWEA Expectation	50	50	50	50	50
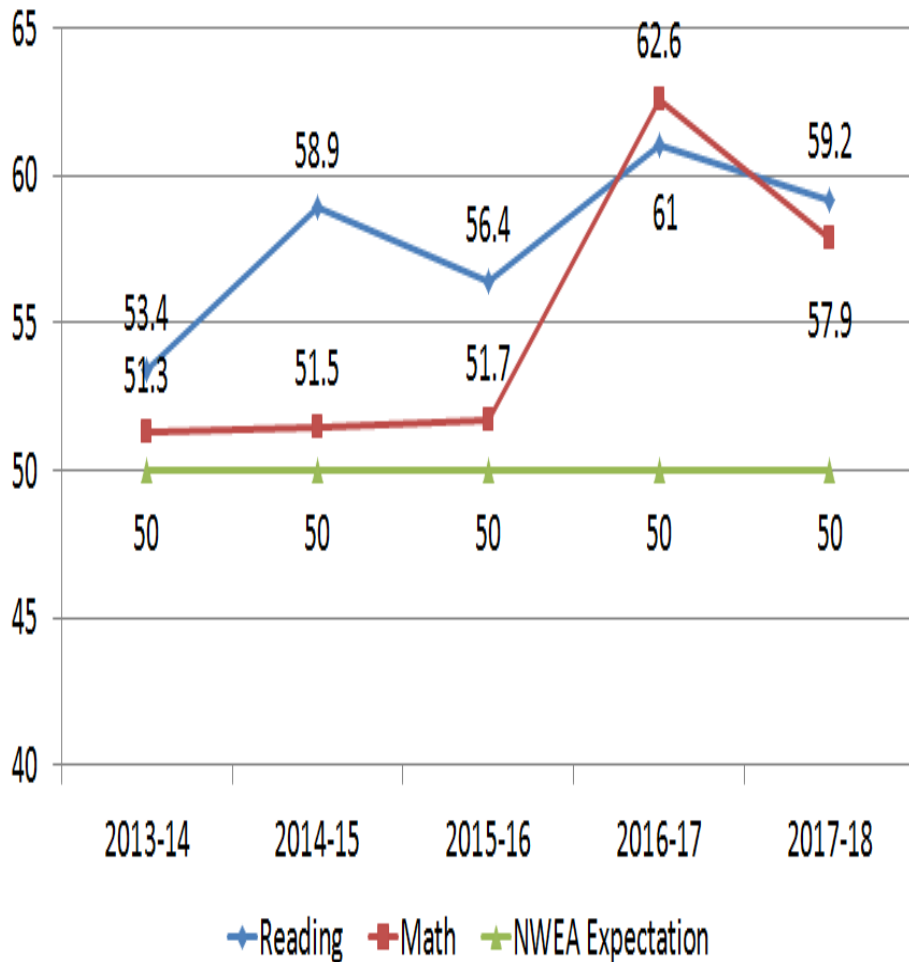
Percentage of Overall Growth

	2013-14	2014-15	2015-16	2016-17	2017-18
Reading	101.1	121.9	110.2	121.8	117.3
Math	101.7	103.2	100	117.8	112.2
NWEA Expectation	100	100	100	100	100
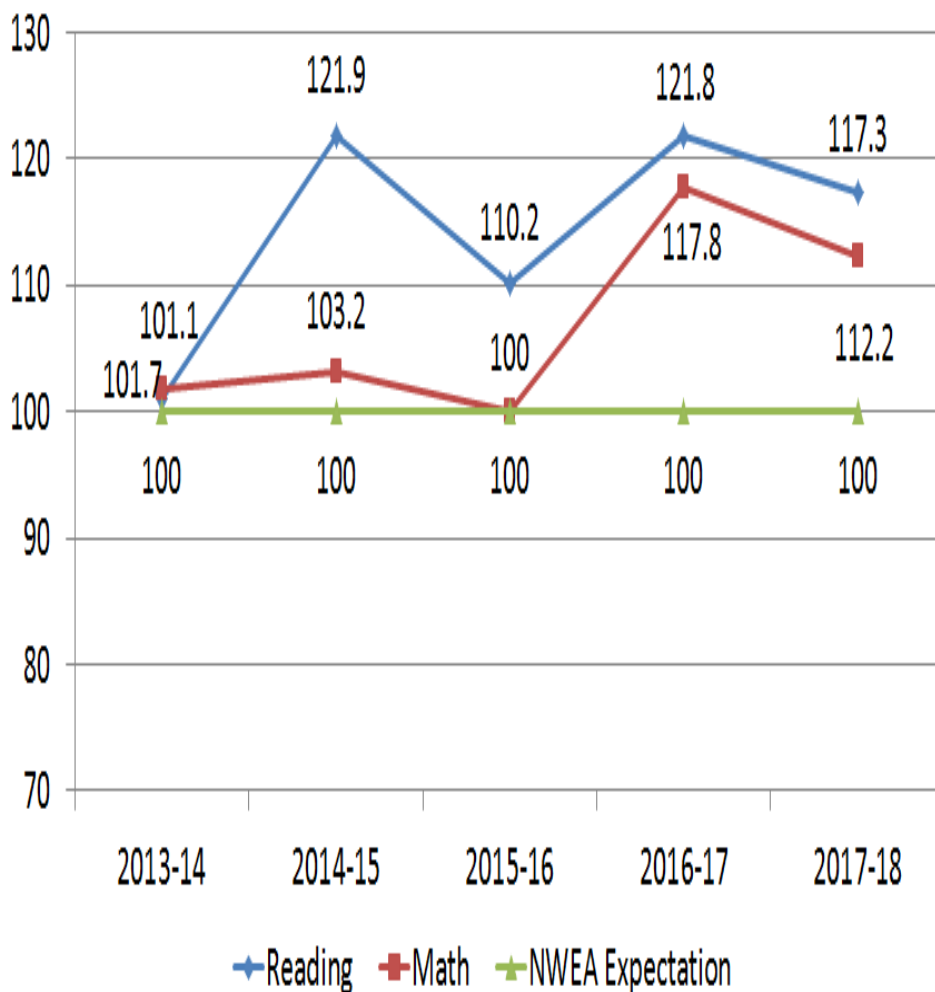
NWEA: At Risk

Percentage of Students Below the 20th Percentile

	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Math	13.0%	14.6%	13.6%	14.8%	11.7%	13.4%
Reading	11.0%	12.8%	10.6%	10.6%	9.1%	10.0%

◆ Math ■ Reading
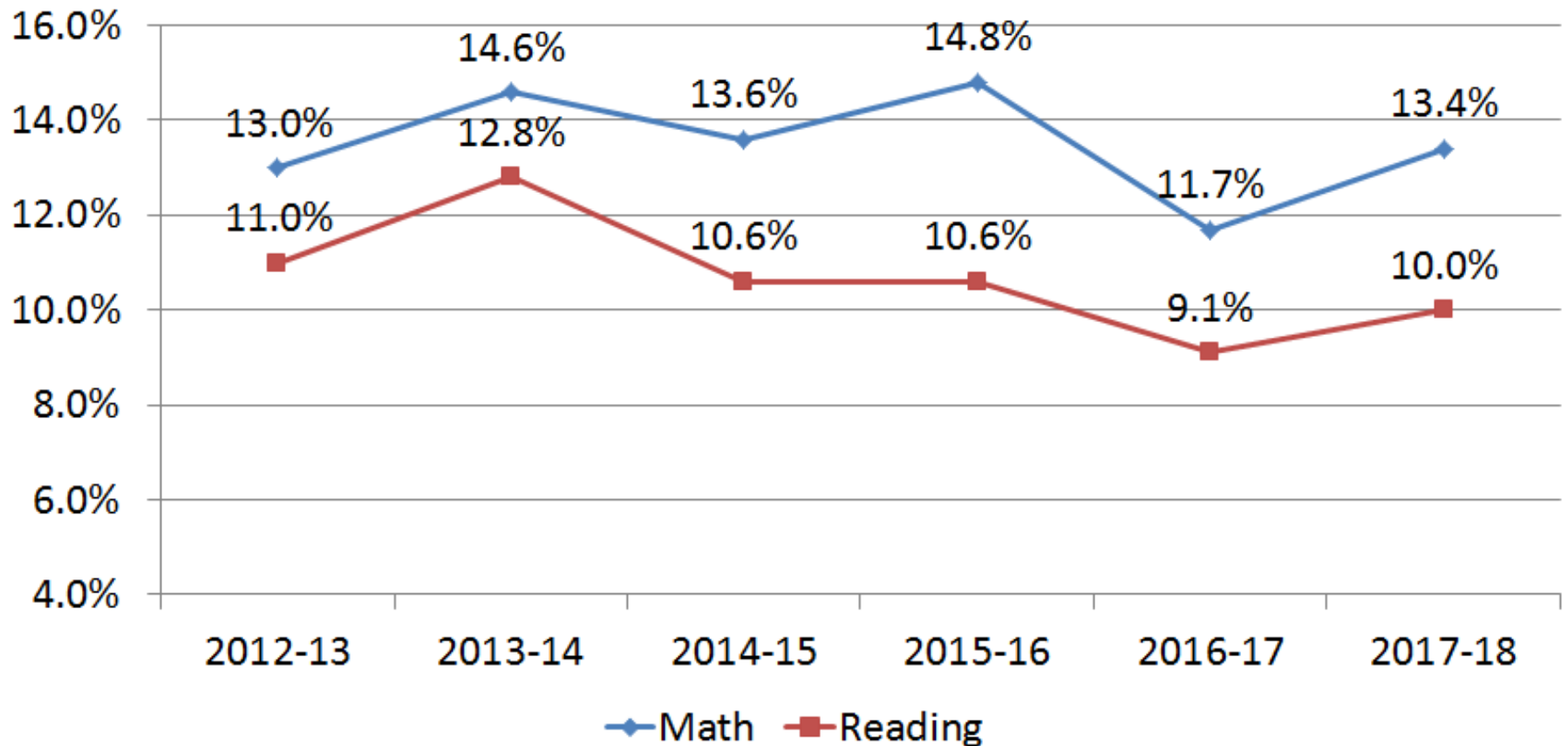
Universal Screener Summary

- Can see growth even when students do not make it to the goal threshold

- Data correlates to the weaknesses in curriculum.

- The information supports our known areas for growth and the changes we have instituted.

- Looking at student growth through multiple data points helps teachers better meet the instructional needs of students.

- Allowing district to make predictive models of student success due to correlation of normed percentiles and achievement on other assessments (SBAC, CMT/CAPT, PSAT, SAT).

Advanced Placement

Advanced Placement Test Performance

(Percent of students scoring a 3 or higher)
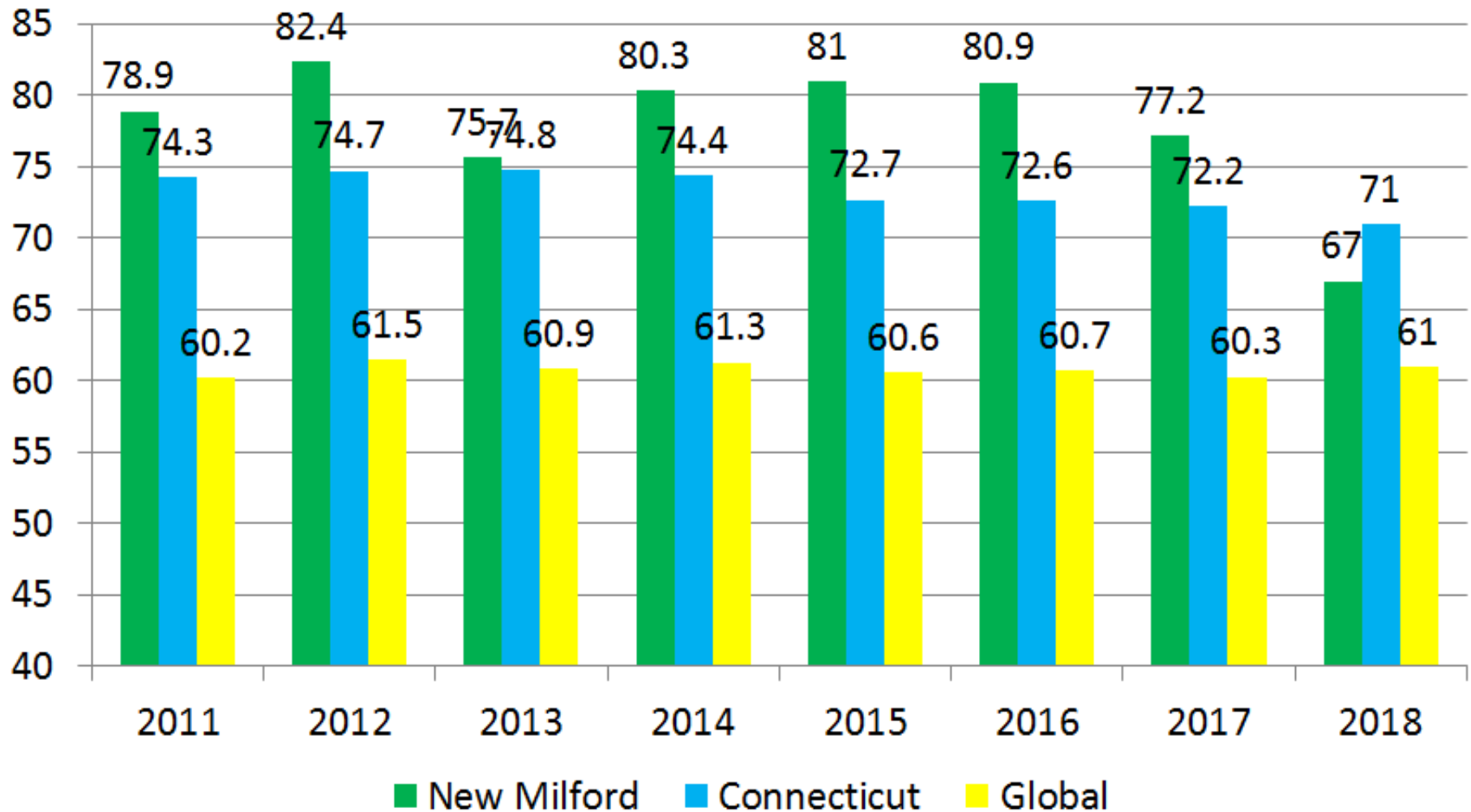
Advanced Placement Enrollment, Participation, and Passing

Chart showing Enrollment, Tests Taken, and Tests Passed from 2009-10 through 2017-18.

Year	Enrollment	Tests Taken	Tests Passed
2009-10	288	244	200
2010-11	261	243	188
2011-12	412	304	236
2012-13	397	322	225
2013-14	389	333	264
2014-15	426	401	312
2015-16	536	504	408
2016-17	529	544	404
2017-18	652	666	433
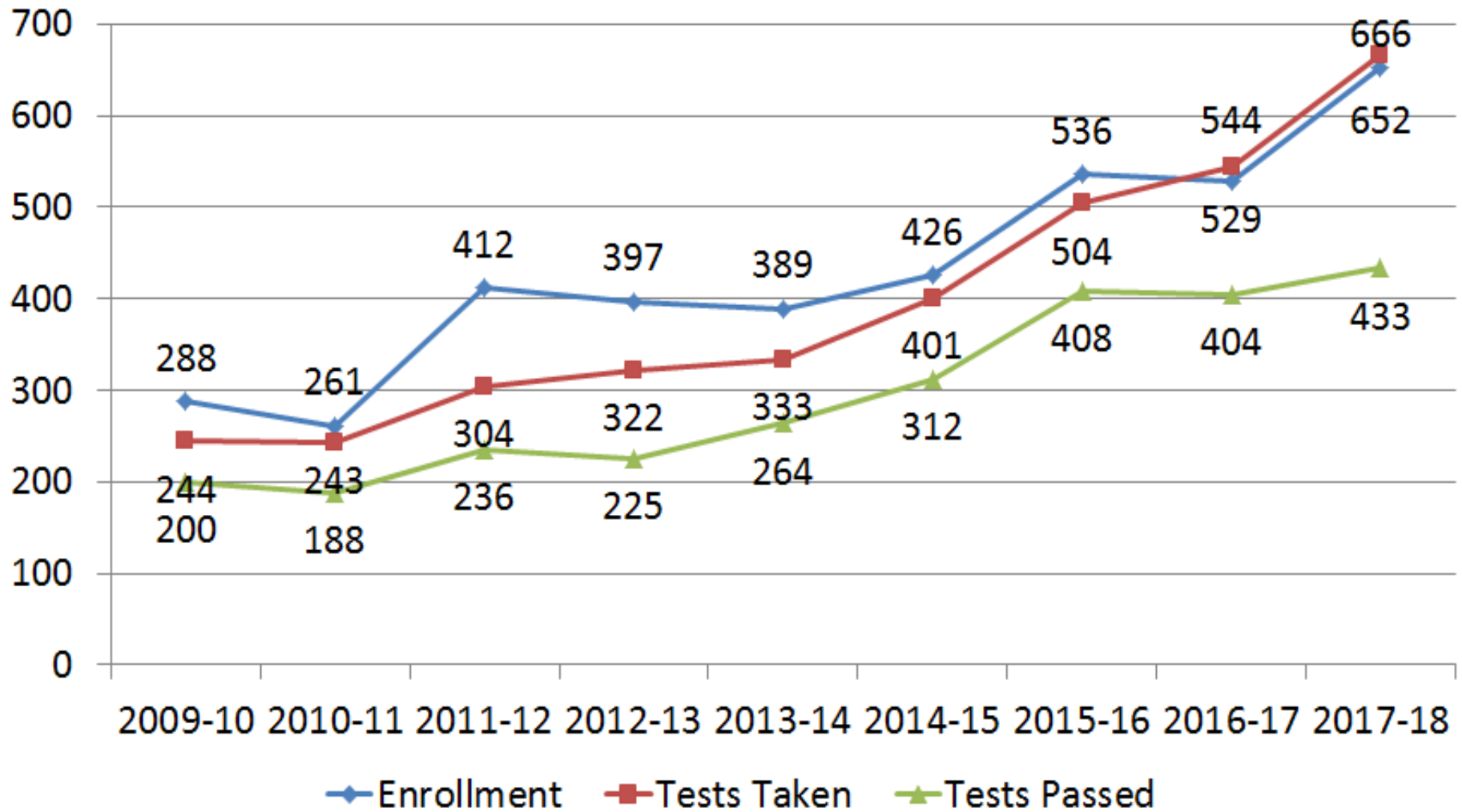
Graduation Rate

Graduation Rates
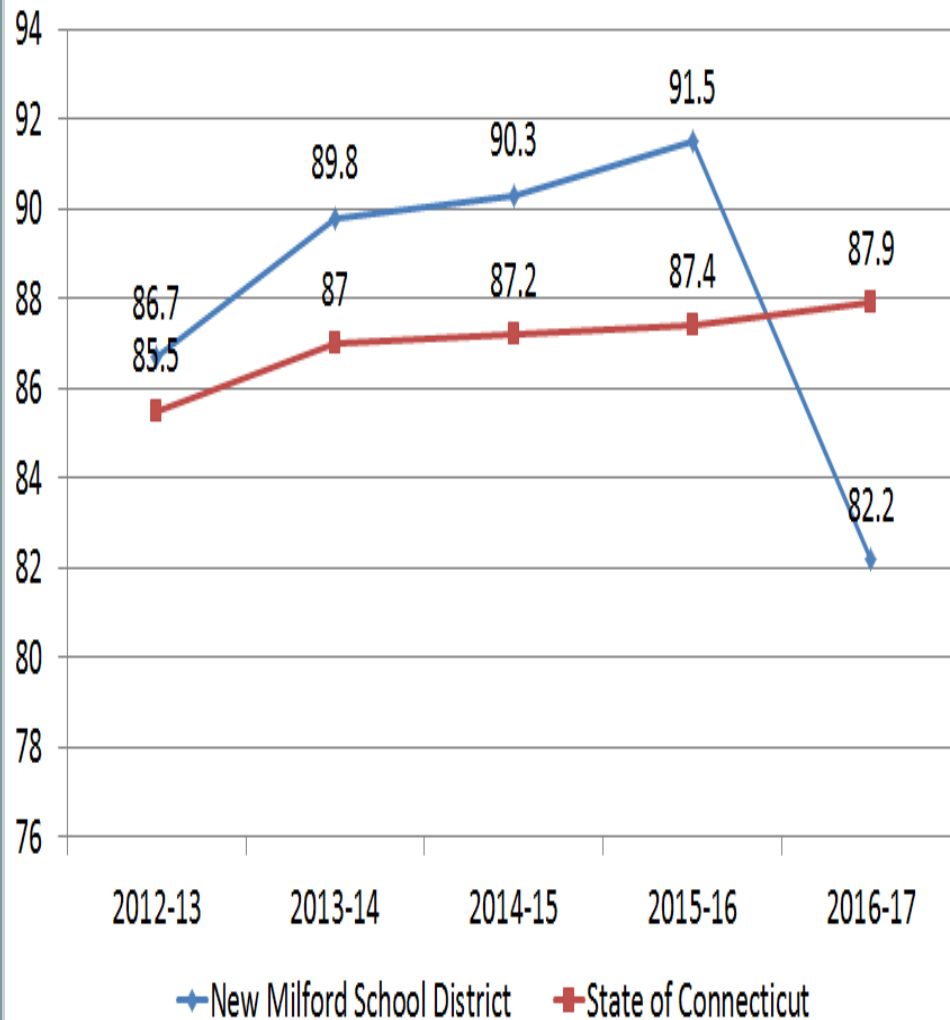
2017 Graduating Class

- 342 students made up the class of 2017
- 6 students transferred out of district
- 11 students went to adult education
- 6 students were retained
- 13 students discontinued schooling
- 306 students graduated high school
- 25 students were coded incorrectly, as still enrolled, but had graduated
- New graduation rate would equal 91.2% students (Litchfield Hills Transition Students don't graduate in 4-6 years and therefore decrease the number of graduates-there were approximately 6 students who transferred to LH in 2017)
- State reported a graduation rate of 82.2%, however with the 25 incorrectly coded students, the new rate of graduation would be 89.5%

Improvement Initiatives K-12

Vertical teams developed to review vertical alignment curriculum

- K-12 teacher representation
- Coaches
- Review data to determine internal gaps in curriculum that need to be addressed
- Identify areas of strength and areas of weakness
- Craft a plan for improvement/continuity
- Review curriculum and programs

Add phonics program in school year 2019-2020

Continue to coach into Reading and Writing Units of Study K-8.

Improvement Initiatives K-12

District-wide focus on the writing of objectives and supporting students with opportunities to practice and learn

Provide high quality feedback about instruction based on student outcomes

Continue to support teacher efforts to provide quality learning experiences for all students.

Graduation rate will increase.

Dept chair and pe staff at SNIS and SMS will measure skills over time and track them under the building administration.
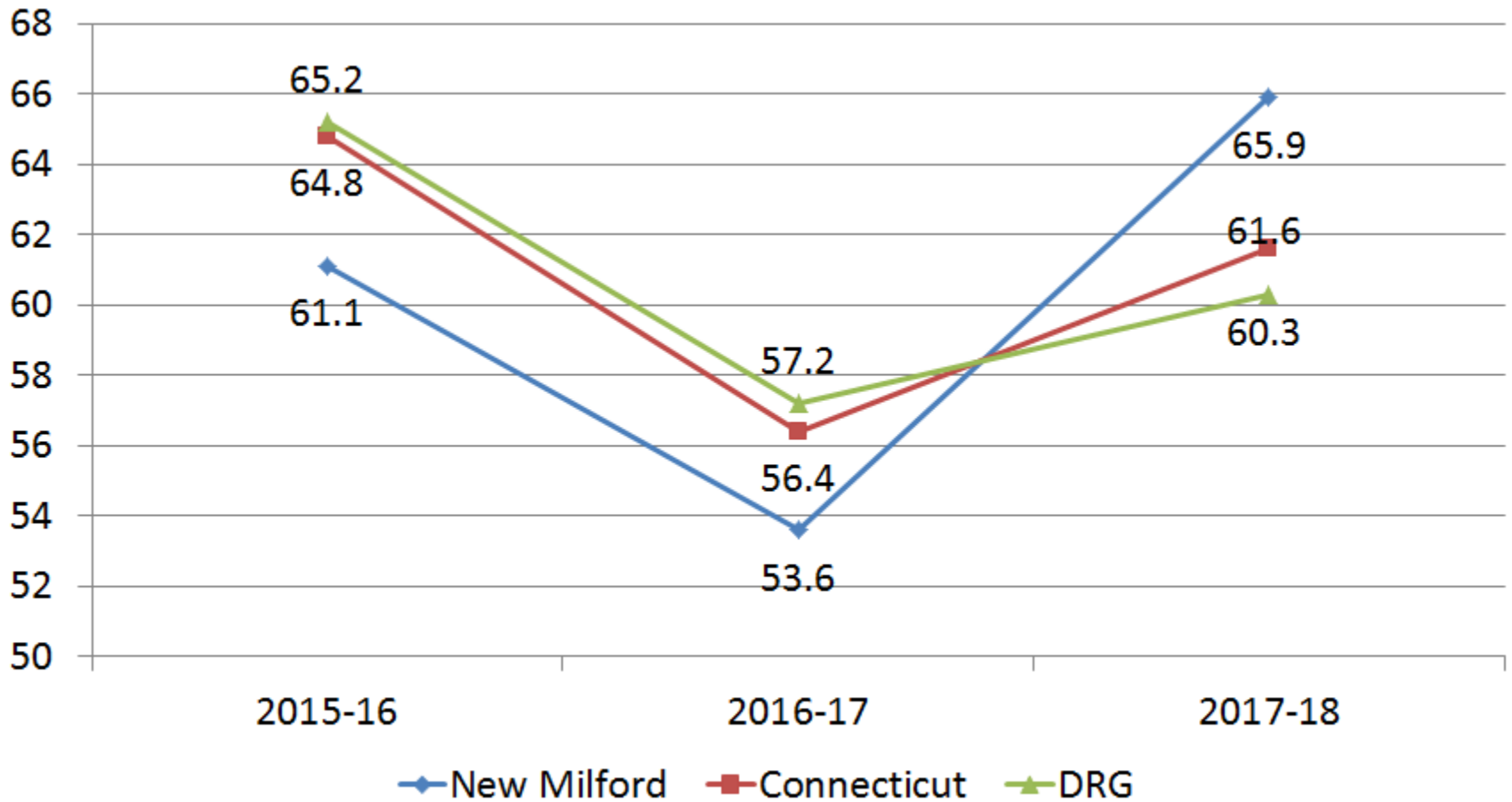
Questions?

Appendix

Smarter Balanced Results
ELA Growth Rate

Smarter Balanced Results
Reading / Language - Subgroups

Group	2016-17			2017-18		
	Number	**Passing Rate**	State Rate	Number	**Passing Rate**	State Rate
Free and Reduced	164/447	**36.7%**	31.5%	279/595	**46.9%**	35.1%
ELL	5 of 61	**8.2%**	10.6%	11 of 73	**15.1%**	12.1%
SPED	29/239	**12.1%**	15.2%	44/271	**16.2%**	16.2%
High Needs	186/619	**30.0%**	29.9%	310/766	**40.5%**	33.6%
Non-High Needs	757/1232	**61.5%**	74.3%	761/1073	**70.9%**	77.0%
ALL	943/1851	**50.9%**	54.2%	1070/1839	**57.9%**	55.3%

Smarter Balanced Results
Math Growth Rate

Line graph showing Math Growth Rate across three years.

Year	New Milford	Connecticut	DRG
2015-16	64.6	66.5	67.3
2016-17	58.7	62.1	64.4
2017-18	61	62.1	63.6
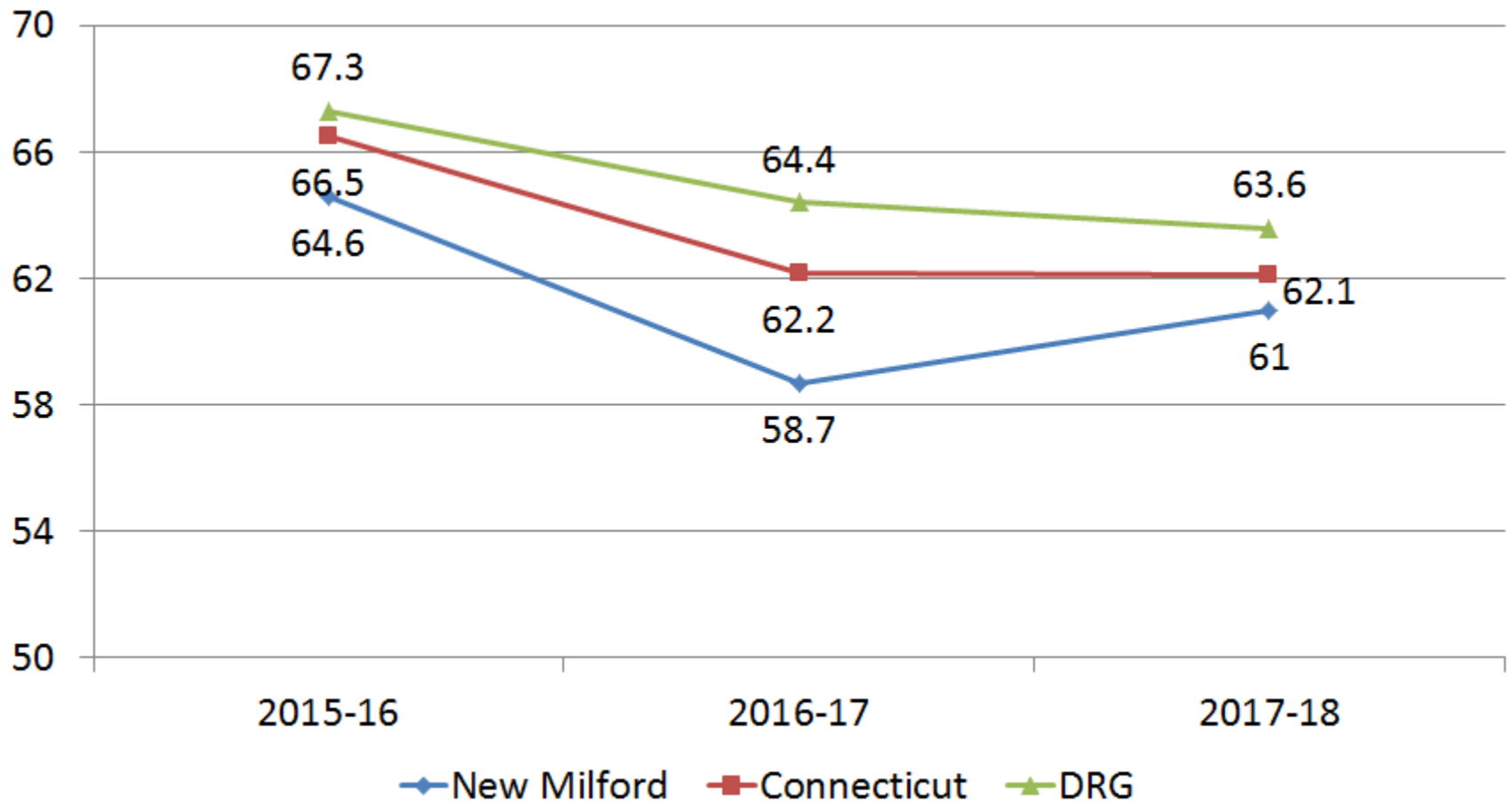
Smarter Balanced Results
Math - Subgroups

Group	2016-17			2017-18		
	Number	Passing Rate	State Rate	Number	**Passing Rate**	State Rate
Free and Reduced	147/443	**33.2%**	22.7%	195/588	**33.2%**	25.8%
ELL	13/61	**21.3%**	12.0%	5 of 70	**7.1%**	12.8%
SPED	31/237	**13.1%**	11.0%	29 of 263	**11.0%**	11.7%
High Needs	174/614	**28.3%**	22.1%	220/759	**29.0%**	25.0%
Non-High Needs	687/1214	**56.6%**	65.2%	639/1066	**59.90%**	68.3%
ALL	861/1828	**47.1%**	45.6%	859/1825	**47.1%**	46.7%

SAT Performance
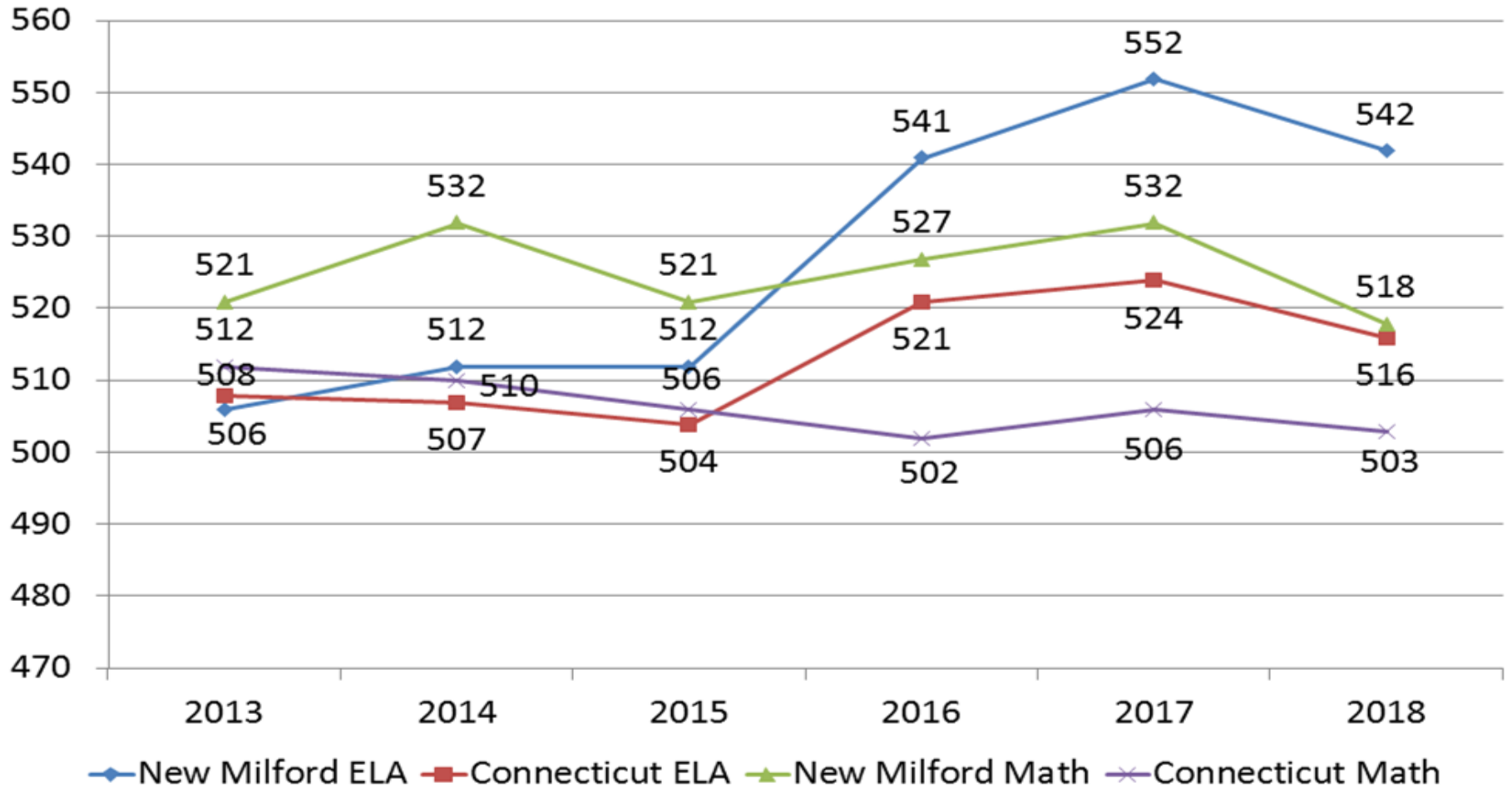
SAT Question Distribution
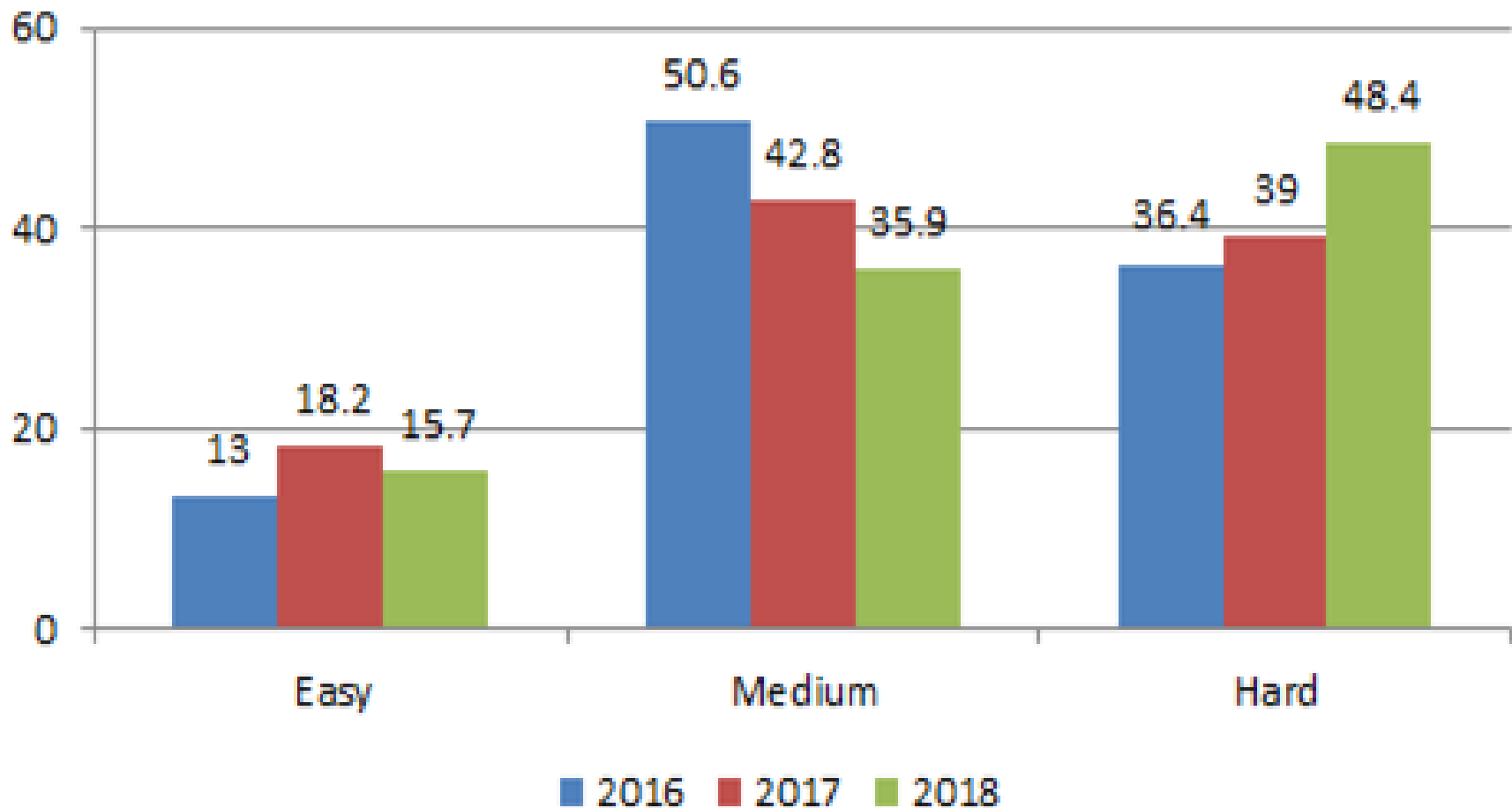
NWEA: Historical Average Percentiles (Reading)

	Fall 2013-14	Spring 2013-14	Fall 2014-15	Spring 2014-15	Fall 2015-16	Spring 2015-16	Fall 2016-17	Spring 2016-17	Fall 2017-18	Spring 2017-18
Kindergarten										
1st grade									48.7	51.6
2nd grade							49.8	58.5	54.5	59
3rd grade					50.3	51.7	49.3	56.8	52.7	55.8
4th grade			52.9	57.7	61	66.1	56.8	63.3	59	57.2
5th grade	53.9	56.2	56.1	60.3	59.9	58.7	56.1	57.4	57	55.3
6th grade	55.2	61.2	50.8	58	58.2	54.8	60	60	57.6	62
7th grade	56.1	56.5	54.5	58.7	60.4	57.3	58.5	63.5	60.8	64.4
8th grade	50.7	56.4	51.5	56.5	60.7	62.6	57.9	60	60.4	62.8
9th grade	53.2	51.8	54.9	60.1	55.9	59.3	60.3	59.8	59.4	62
10th grade	54.9	55.9	56.6	61	59.3	61.6	63	60.5		
Average Percentile	54.0	56.3	53.9	58.9	58.2	59.0	56.9	60.0	56.7	59.4

# NWEA: Historical Average Percentiles (Math)

	Fall 2013-14	Spring 2013-14	Fall 2014-15	Spring 2014-15	Fall 2015-16	Spring 2015-16	Fall 2016-17	Spring 2016-17	Fall 2017-18	Spring 2017-18
Kindergarten										
1st grade									44.2	54.3
2nd grade							48.2	57	51.1	57.5
3rd grade					45	47.2	44.4	52.5	46.8	46.3
4th grade			48.5	53.4	55.3	54.5	50.4	50.8	51.4	51.8
5th grade	44.3	50	48	51.5	50.8	45.6	48.9	51.2	50.6	48.5
6th grade	51.6	58.8	44.6	44.4	53.6	49.2	52.8	55.8	56.3	60.6
7th grade	47.2	52.2	46.9	48.1	53.3	49.5	53.2	58.6	52.1	52.4
8th grade	45.6	50.1	45.3	45.2	51.8	53.2	49.4	51.3	55.7	56.8
9th grade	47.4	45.4	46.1	52.6	44.9	47.7	52.4	51.8	54.9	57.1
10th grade	47.3	51.7	44.7	48.6	55.3	55.7	58	59.3		
Average Percentile	47.2	51.4	46.3	49.1	51.3	50.3	50.9	54.3	51.4	54.2

AP Participation by Graduating Class
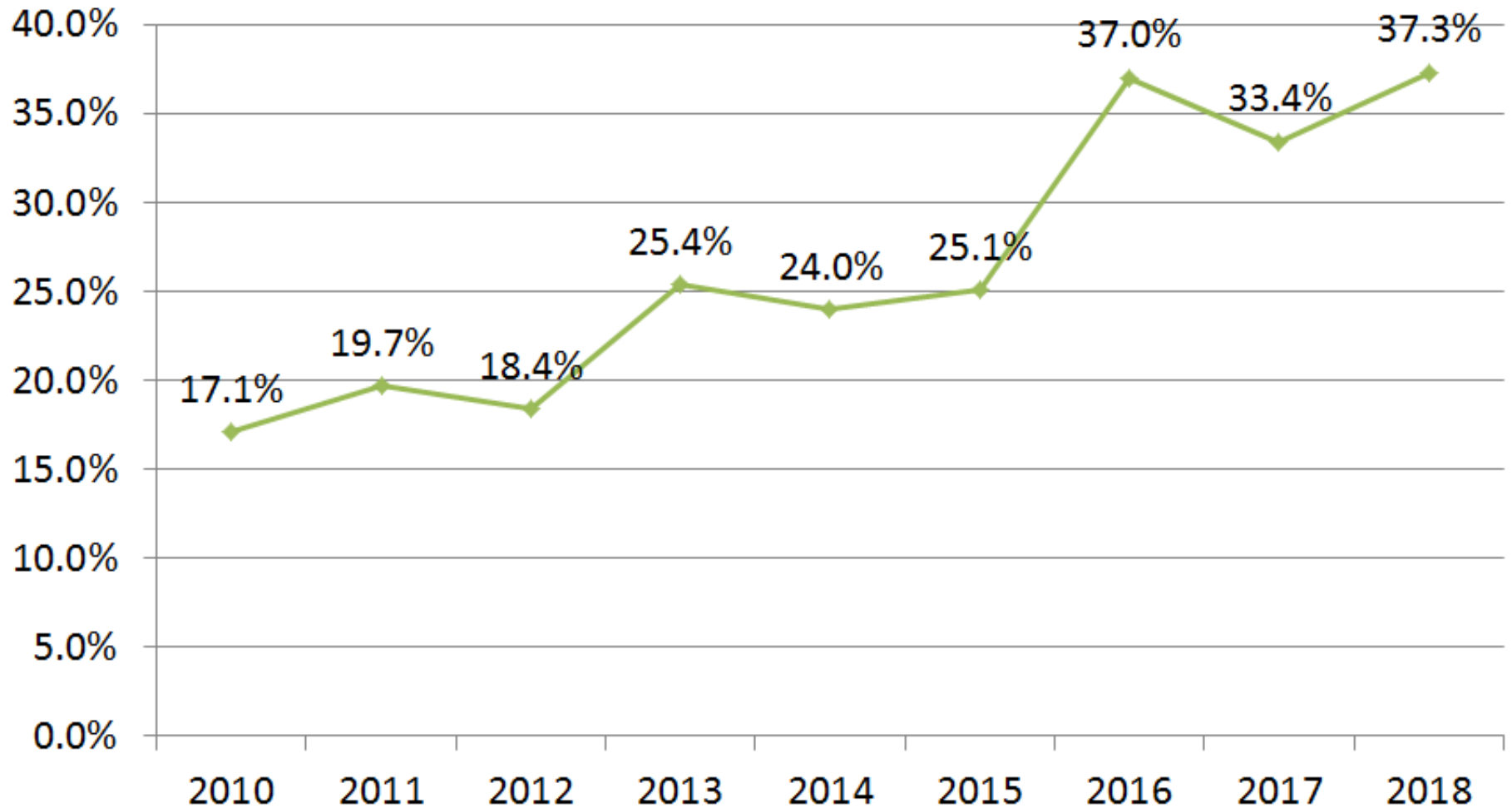
College Readiness Score: US News
(Based upon 2015-16 data)

School District	2014	2015	2016	2017	2018
New Milford	18.7	25	25.2	26.1	40.8
Bethel (DRG)	33.5	34.7	37.8	36.6	40.4
Southington (DRG)	28.2	32.7	30.1	37.5	35.5
Danbury (GEO)	29.7	31.6	33.6	33.9	33.5
New Fairfield (GEO)	43.9	44.6	41.9	42.6	45.5
Newington (DRG)	26.8	27.8	32.5	30	27.4
Norwalk	26.5	29.8	24.9	28.1	30.2