Rhode Island's NECAP Science Results for Students in Grades 4, 8, and 11

May 2015 Test Administration

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NOTE 1: The New England Common Assessment Program (NECAP) Science Assessment is the result of collaboration among New Hampshire, Rhode Island, and Vermont to build a set of tests for grades 3 through 8 and 11 to meet the requirements of the No Child Left Behind Act (NCLB). The purposes of the NECAP Science tests are as follows: (1) provide data on student achievement in science at grades 4, 8, and 11 to meet the requirements of NCLB; (2) provide information to support program evaluation and improvement; and (3) provide information regarding student and school performance to both parents and the public. The tests are constructed to meet rigorous technical criteria, to include universal design elements and accommodations to allow all students access to test content, and to gather reliable student demographic information for accurate reporting. It is important to note that NECAP results are provided to districts, schools, and families for use as one piece of evidence about progress and learning that occurred on the respective grade-span expectations (GSEs) of elementary (K-4), middle (5-8) and high schools (9-11).

NOTE 2: Throughout this report, ***statistical significance*** is reported to indicate whether reported differences (e.g., increases or decreases in the percentage of students achieving *proficiency* or higher) in this year's NECAP results are *significantly* different from results reported in previous years. For each table presented in this report, please note the key to determine the meaning of color-coded cells. In general, if a cell is colored **green**, then the reported difference indicates that the percentage of students achieving *proficiency* or higher, for example, is statistically significantly ***higher*** than previous results whereas if the cell is **red**, then the reported difference indicates that the percentage of students achieving *proficiency* or higher is statistically significantly ***lower*** than previous results. All other reported differences are thus not considered statistically significant, regardless of how large or small they appear to be. Please see Appendix B for a full discussion on how statistical significance was calculated and how to interpret statistical significance.

NOTE 3: Throughout this report, the percentage of students scoring *Proficient* or higher refers to the cumulative percentage of students scoring at the *Proficient* and *Proficient with Distinction* levels of achievement. See Appendix A for descriptions of each of the levels.

NOTE 4: Multiple data points are needed for trend analysis. A single year's test results provide limited information about a school or district. As with any evaluation, test results are most meaningful when compared with other indicators and when examined over several years for long-term trends in student performance. This is especially true in small schools where changes in student cohorts from year to year can have a noticeable influence on test results. Because measures of student achievement often change incrementally over short periods of time, RIDE presents most state-, district-, and school-level results in this report as a series of multiple-year views in order to reveal achievement trends that have occurred over several years. In addition, RIDE presents last year's results to illustrate a one-year view. In general, over the eight-year period between 2008 and 2015, a statistically significant increase indicates improvement that has been sustained. Conversely, a statistically significant decrease indicates a sustained decline in achievement.

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[1] *School Level* in this report refers to Elementary, Middle, and High School.

EXECUTIVE SUMMARY

The eighth administration of the New England Common Assessment Program (NECAP) Science tests took place May 4-28, 2015. A total of 31,016 Rhode Island public school students in grades four, eight, and eleven participated in NECAP Science testing.

STATE-LEVEL RESULTS

Overall Achievement

Results of the spring 2015 NECAP Science tests revealed that at the *state level*,[2] roughly 31 percent of all Rhode Island public school students were proficient or above in science (down less than 1 percentage point from the May 2014 administration). While all three tested grades had significantly higher percentages of students achieving proficiency compared to the first administration of the science test back in 2008, no grades posted significant gains in 2015 compared to 2014. Scores for students in grades 4, 8, and 11 were essentially the same as last year.

Since the first administration of the NECAP Science Assessment back in 2008, Rhode Island has seen the largest growth in student achievement at all grade levels among the NECAP states. In 2015, Rhode Island's 4th graders' scores remained statistically the same as last year while their peers in New Hampshire and Vermont posted a 3 and 2 percentage point increase respectively in the percent achieving proficiency or above. Results indicate that Rhode Island's 4th graders continue to lag behind their peers' science achievement in both New Hampshire and Vermont. Results at grade 8 indicate that New Hampshire and Vermont students out-performed Rhode Island's 8th graders by 3 and 2 percentage points respectively while at grade 11, the gap between our students and their peers in Vermont has been eliminated. The gap between our 11th graders and their peers in New Hampshire has widened by 2 percentage points.

Achievement Gaps [3]

Statewide (*all grades combined*), the achievement gaps in Science between LEP and Non-LEP students have narrowed since 2012 although they remain wider than they were back in 2008. The achievement gaps between students with IEPs and their peers without IEPs have widened since last year and also remain wider than they were in 2008. The same is true for the achievement gaps between low-income and non-low income students.

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[2] All grades combined for a single aggregated result.

[3] An achievement gap is a difference in what distinct groups of students know and can do in important subjects such as reading, math, or science. One way we find achievement gaps is by comparing test performances of different groups of students. One way we describe gaps is by subtracting the average of a lower scoring group from the average of a higher scoring group.

DISTRICT[4] RESULTS

Compared to last year's results, there was some improvement at the district level this year in terms of student achievement in Science. Of Rhode Island's 56 districts that participate in NECAP Science testing, seven posted a significant gain in science achievement while three posted a significant decrease in overall student performance. For all other districts, scores were essentially the same as last year. By comparison, over the eight-year period from 2008 to 2015, 66 districts posted significant gains in Science while two posted a significant decrease in overall student performance.

SCHOOL RESULTS

Results at the school level mirrored those of district level in that for the vast majority, Science results were not significantly different than last year's. A total of nine schools posted significant increases in the percentage of students achieving proficiency or above in Science while six posted significant decreases. Over the eight-year period from 2008 to 2015, there were a large number of schools that posted gains in Science. A total of 55 schools made gains while only seven schools had lower percentages.

[4] Throughout this report, the term "district" is used as an inclusive identifier of both traditional districts and charter schools, both of which are "Local Education Agencies" or LEAs.

STATE-LEVEL RESULTS

Table 1. NECAP Science Statewide Results by Achievement Level: 2008-2015.

Grade	% SBP 2008	% PP 2008	% P 2008	% PwD 2008	*Total % Prof.* 2008	*SE*	% SBP 2014	% PP 2014	% P 2014	% PwD 2014	*Total % Prof.* 2014	SE	% SBP 2015	% PP 2015	% P 2015	% PwD 2015	*Total % Prof.* 2015	*SE*	Total % Prof. Difference 2014-2015	Total % Prof. Difference 2008-2015
ALL	33.1	43.1	23.1	.8	**23.8**	0.2	24.2	44.1	30.5	1.2	**31.7**	0.3	27.4	41.3	30.1	1.2	**31.3**	0.3	**-0.4**	**7.5**
4th	21.8	41.8	35.2	1.2	**36.4**	0.5	19.1	39.6	40.5	0.8	**41.3**	0.5	20.3	39.7	38.7	1.3	**40.0**	0.5	**-1.3**	**3.6**
8th	38.0	43.3	18.3	.4	**18.7**	0.4	29.3	47.9	22.1	0.7	**22.8**	0.4	33.8	43.8	21.8	.6	**22.4**	0.4	**-0.3**	**3.7**
11th	39.3	44.3	15.7	.7	**16.4**	0.4	24.5	45.4	28.1	2.0	**30.1**	0.5	28.2	40.3	29.7	1.8	**31.5**	0.5	**1.4**	**15.1**

Key (*see Appendix A for performance level descriptors*)

SBP = *Substantially Below Proficient*
PP = *Partially Proficient*
P = *Proficient*
PwD = *Proficient* with Distinction
Total % Prof. = *P + PwD*
SE = Standard error (see Appendix B)
= Statistically significant *decrease* in percent of students *proficient* or above
= Statistically significant *increase* in percent of students *proficient* or above
= No statistically significant difference between comparison years

Figure 1. NECAP Science Statewide Results: 2008-2015 Grade-Level Comparisons.

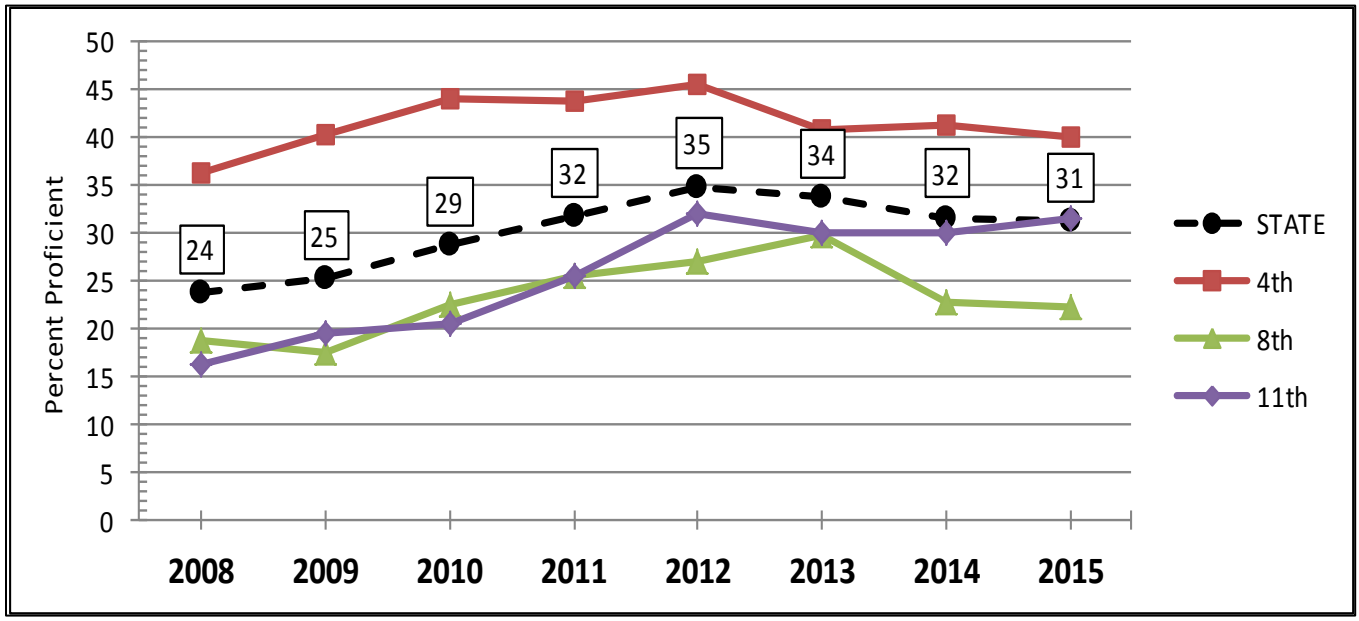


Table 2. 2008 to 2015 NECAP State Comparisons: Grade 4 Students[5]

Testing Year	Grade 4		
	Rhode Island	*New Hampshire*	*Vermont*
2008	36	51	48
2009	40	53	52
2010	44	54	54
2011	44	55	53
2012	46	53	53
2013	41	51	47
2014	41	46	44
2015	40	49	46
2008 to 2015 Change	**+4**	**-2**	**-2**

Table 3. 2008 to 2015 NECAP State Comparisons: Grade 8 Students[6]

Testing Year	Grade 8		
	Rhode Island	*New Hampshire*	*Vermont*
2008	19	26	27
2009	18	24	25
2010	23	27	29
2011	25	28	29
2012	27	32	30
2013	30	31	32
2014	23	25	25
2015	22	25	24
2008 to 2015 Change	**+3**	**-1**	**-3**

Table 4. 2008 to 2015 NECAP State Comparisons: Grade 11 Students[7]

Testing Year	Grade 11		
	Rhode Island	*New Hampshire*	*Vermont*
2008	16	22	25
2009	19	24	27
2010	21	24	28
2011	26	27	31
2012	32	33	33
2013	30	30	31
2014	30	29	30
2015	32	34	32
2008 to 2015 Change	**+16**	**+12**	**+7**

[5] All percentages have been rounded to the nearest whole number.
[6] All percentages have been rounded to the nearest whole number.
[7] All percentages have been rounded to the nearest whole number.

Table 5. Statewide Student Group Percent "Proficient" in Science: 2008 to 2015.

Student Group	Grade 4					Grade 8					Grade 11				
	% Prof. 2008	% Prof. 2014	% Prof. 2015	Total % Difference: 2008-2015	Total % Difference: 2014-2015	% Prof. 2008	% Prof. 2014	% Prof. 2015	Total % Difference: 2008-2015	Total % Difference: 2014-2015	% Prof. 2008	% Prof. 2014	% Prof. 2015	Total % Difference: 2008-2015	Total % Difference: 2014-2015
State Average	**36.4**	**41.3**	**40**	**3.6**	**-1.3**	**18.7**	**22.8**	**22.4**	**3.7**	**-0.3**	**16.4**	**30.1**	**31.5**	**15.1**	**1.4**
Males	35.5	38.3	37.2	1.7	-1.1	19.7	23.7	21.3	1.6	-2.4	17.1	29.8	30.5	13.4	0.7
Females	37.4	44.4	43	5.6	-1.4	17.8	21.8	23.7	5.9	1.9	15.8	30.5	32.4	16.6	2
IEP	17.9	10.9	8.5	-9.4	-2.4	4.2	2.9	2.9	-1.3	0	2.8	4.2	5.5	2.7	1.3
Non-IEP	40.2	45.8	44.9	4.7	-0.9	21.9	26	25.7	3.8	-0.3	18.9	34.2	35.1	16.2	0.9
LEP	5.2	5.6	6.1	0.9	0.5	1.4	0.8	0.8	-0.5	0.1	0.4	0	0.5	0.2	0.5
LEP Monitored	17.5	29.1	27.6	10.1	-1.5	1.4	4.5	4.4	3	-0.2	0	11.1	3.1	3.1	-8
Non-LEP	39.1	44.9	43.7	4.6	-1.2	19.6	24.2	24	4.4	-0.2	17	31.5	33.1	16.1	1.6
Low Income	18.2	24.8	23.1	4.8	-1.7	5.4	8.7	7.7	2.4	-1	4.6	15.4	15.6	11	0.2
Non-Low Income	49.9	58.6	57.8	7.9	-0.8	27	35.8	35.6	8.6	-0.2	20.8	40.4	42.6	21.8	2.2
American Indian	22.1	12.8	20.3	-1.8	7.5	8.1	10.9	4.1	-4	-6.9	11.5	17.2	15.2	3.7	-2
Asian	36.3	41	38.6	2.2	-2.4	18.3	27.5	33.9	15.6	6.5	22.1	34.9	38.1	16	3.2
Black	16.4	19	18.5	2.1	-0.6	4.4	5.3	4	-0.3	-1.2	2.6	11.8	10.9	8.3	-1
Hispanic	12.9	20	19.9	7	-0.1	2.3	5.7	6.7	4.3	0.9	3.1	12.3	11	7.9	-1.3
White	46.2	53.6	52.1	5.9	-1.5	24.9	31.1	30.4	5.5	-0.7	20.5	38.1	40.4	20	2.3

= Statistically significant *decrease* in percent of students *proficient* or above

= Statistically significant *increase* in percent of students *proficient* or above

= No statistically significant difference between comparison years

Figure 2. Grade 4 *Student Group* Performance: RACE/ETHNICITY

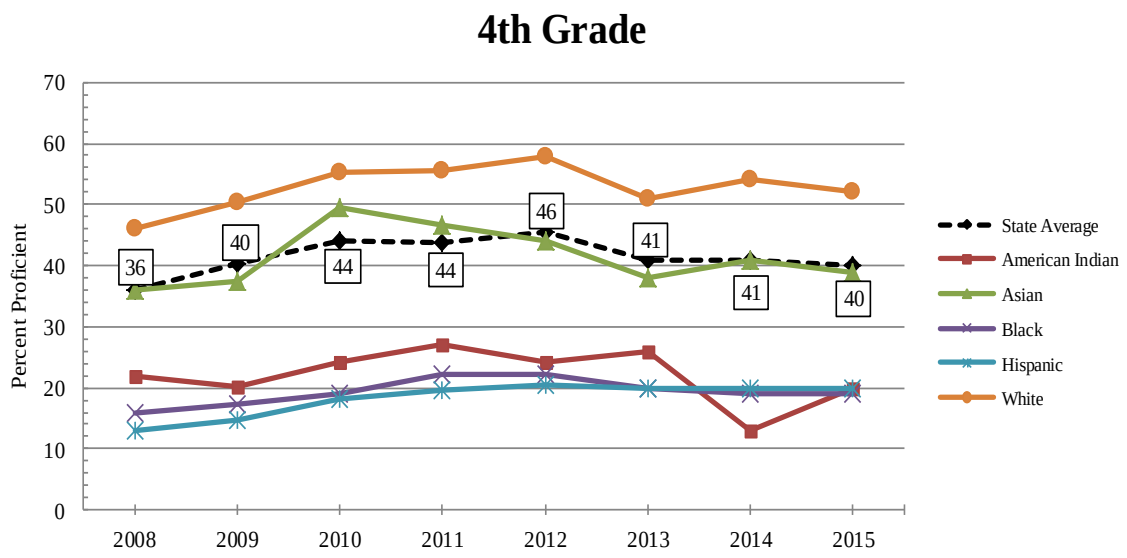


Figure 3. Grade 8 *Student Group* Performance: RACE/ETHNICITY

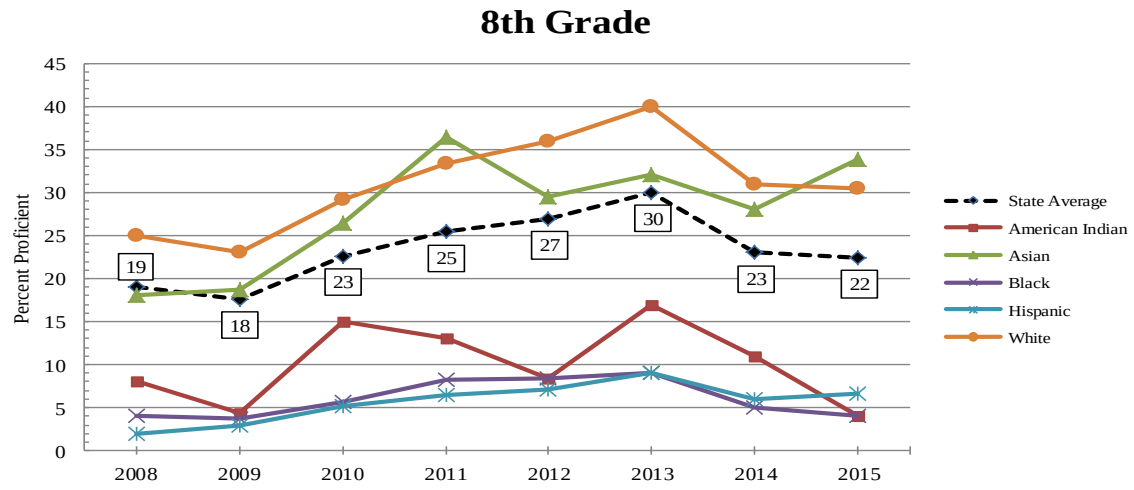


Figure 4. Grade 11 *Student Group* Performance: RACE/ETHNICITY

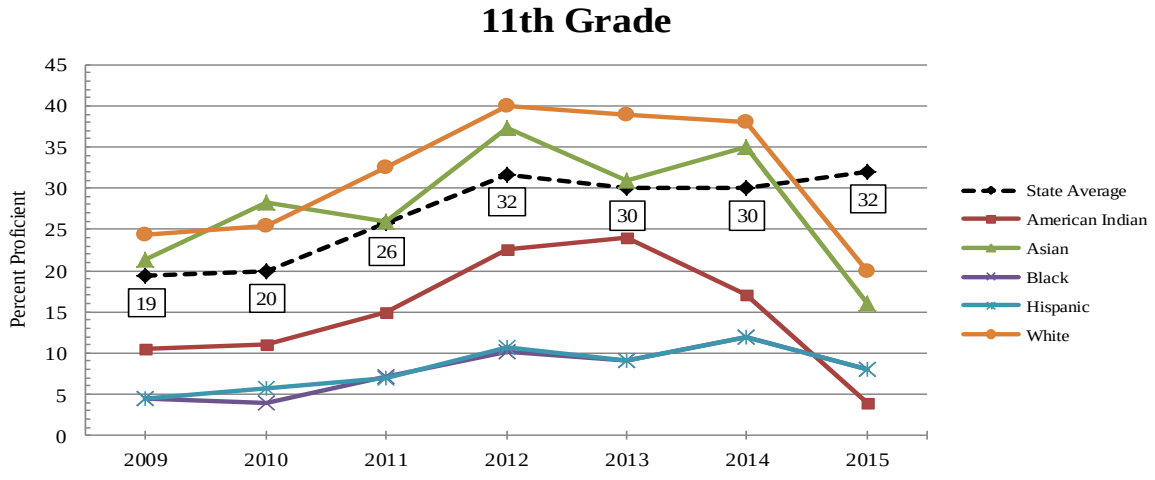


Figure 5. Grade 4 *Student Group* Performance: IEP, LEP, LEP Monitored, Low Income

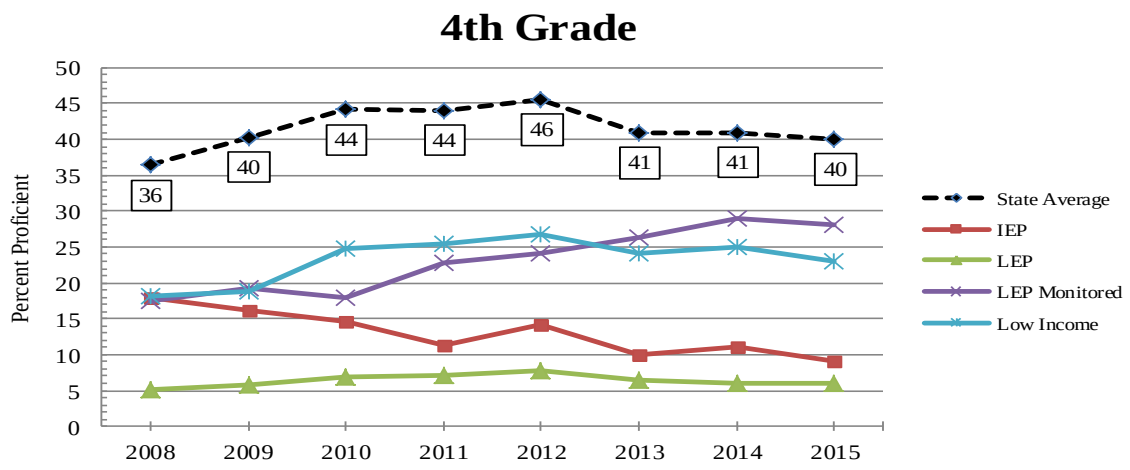


Figure 6. Grade 8 *Student Group* Performance: IEP, LEP, LEP Monitored, Low Income

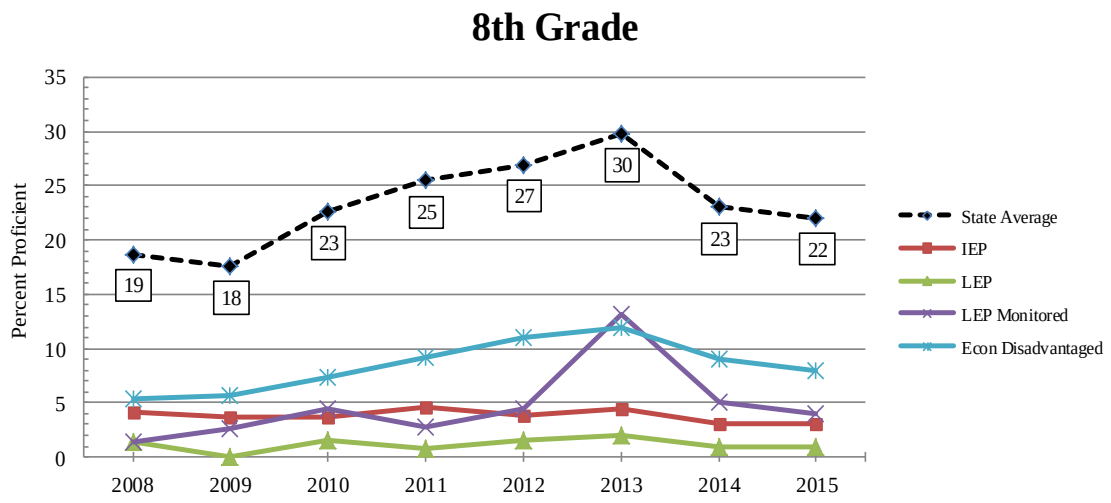
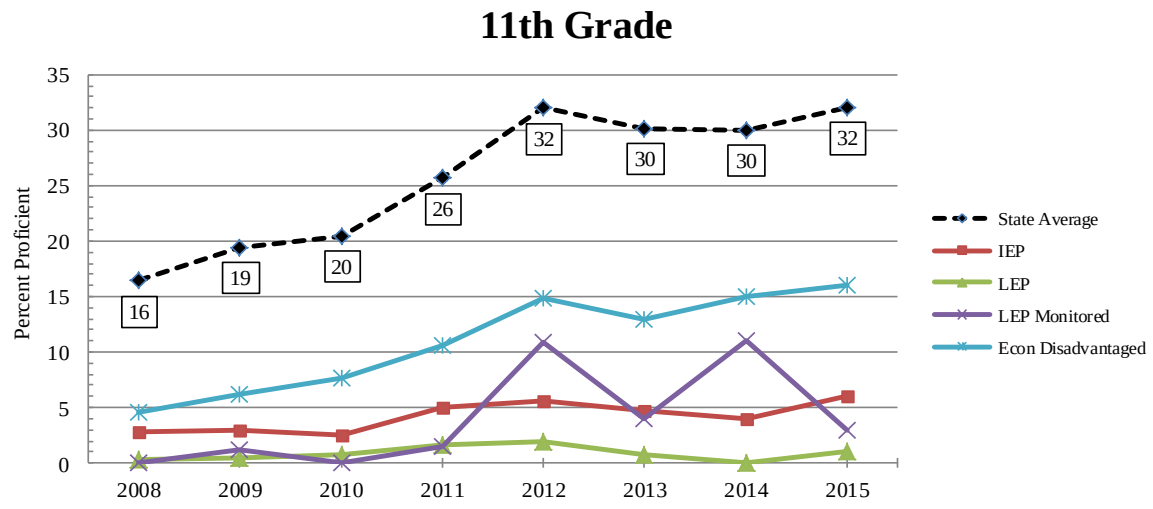


Figure7. Grade 11 *Student Group* Performance: IEP, LEP, LEP Monitored, Low Income



SCIENCE ACHIEVEMENT GAP DATA:

Table 6. Student Group[8] Achievement Gaps[9] by Percent Proficient on the NECAP SCIENCE Test: 2008 to 2015.

Grade	IEP : Non-IEP Gap								LEP : Non-LEP Gap								Low-Income : Non-Low Income Gap							
	2008	2009	2010	2011	2012	2013	2014	2015	2008	2009	2010	2011	2012	2013	2014	2015	2008	2009	2010	2011	2012	2013	2014	2015
State	18.6	21.2	26.2	28.5	31.7	31.8	29.6	**29.7**	21.9	23.3	26.1	29.1	32.4	32.0	30.6	**30.2**	21.4	23.8	25.6	28.3	30.8	30.8	28.2	**29.3**
4th	22.3	28.8	34.3	36.6	36.2	35.4	35.0	**36.4**	33.9	37.1	40.4	40.0	41.3	37.8	39.3	**37.6**	31.6	37.5	36.6	35.6	37.5	33.4	33.8	**34.7**
8th	17.7	16.8	22.7	24.3	27.4	29.7	23.2	**22.8**	18.2	18.3	22.1	25.9	26.9	29.3	23.4	**23.2**	21.6	19.9	26.3	29.3	30.1	33.0	27.1	**27.9**
11th	16.0	19.1	21.1	23.6	30.6	29.4	29.9	**29.6**	16.7	19.6	20.3	24.9	31.3	30.8	31.5	**32.6**	16.2	19.1	19.8	23.7	27.5	28.4	25.1	**27.0**

Table 8. Student Group Achievement Gaps by Scale Scores[10] on the NECAP SCIENCE Test: 2008 to 2015.

Grade	IEP : Non-IEP Gap								LEP : Non-LEP Gap								Low-Income : Non-Low Income Gap							
	2008	2009	2010	2011	2012	2013	2014	2015	2008	2009	2010	2011	2012	2013	2014	2015	2008	2009	2010	2011	2012	2013	2014	2015
4th	8.1	9.9	10.8	12.7	12.5	12.4	12.1	**13.1**	13.6	13.3	14.2	13.9	16.5	14.5	15.1	**15.0**	9.8	10.3	10.1	10.1	10.7	9.3	9.5	**10.0**
8th	9.0	10.1	10.6	10.8	10.8	10.7	10.5	**10.9**	12.1	14.0	13.6	15.8	13.4	14.0	15.4	**14.4**	8.1	8.6	8.9	9.4	8.7	8.7	8.5	**8.7**
11th	9.4	9.8	9.7	10.0	10.6	9.6	10.1	**10.7**	10.2	13.6	11.3	12.1	13.9	13.1	12.7	**14.2**	5.6	6.5	5.7	5.7	6.7	6.7	6.4	**7.2**

[8] Eligibility for free or reduced price meal benefits through the National School Lunch Program is the most commonly used indicator of economic disadvantage.
[9] An achievement gap is a difference in what distinct groups of students know and can do in important subjects such as reading or math. One way we find achievement gaps is by comparing test scores for groups of students. One way we describe gaps is by subtracting the average of a lower scoring group from the average of a higher scoring group.
[10] Because scale scores differ across grades, it is not possible to create an aggregated "state" scale score for comparison purposes in this table.

DISTRICT RESULTS

Table 9. Percent of Students At/Above "Proficient" in Science by District and School Level.

District	Level	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Diff. 2008 to 2015	% Prof. Diff. 2014 to 2015
Barrington	All	827	63.0	1.7	828	62.7	1.7	721	64.1	1.8	1.1	1.4
	Elem.	245	70.2	2.9	258	66.3	2.9	251	59.8	3.1	-10.4	-6.5
	Middle	299	64.2	2.8	296	55.1	2.9	256	63.3	3.0	-0.9	8.2
	High	283	55.5	3.0	274	67.5	2.8	214	70.1	3.1	14.6	2.6
Beacon Charter	High	21	4.8	4.6	52	17.3	5.2	58	37.9	6.4	33.2	20.6
Blackstone Academy	High	37	2.7	2.7	39	15.4	5.8	41	17.1	5.9	14.4	1.7
Blackstone Valley Prep	All	n/a	n/a	n/a	169	36.1	3.7	168	45.8	3.8	n/a	9.7
	Elem.	n/a	n/a	n/a	81	54.3	5.5	83	56.6	5.4	n/a	2.3
	Middle	n/a	n/a	n/a	88	19.3	4.2	85	35.3	5.2	n/a	16.0
Bristol-Warren	All	783	28.0	1.6	695	34.5	1.8	724	41.2	1.8	13.2	6.6
	Elem.	253	46.6	3.1	238	40.3	3.2	252	61.9	3.1	15.3	21.6
	Middle	282	19.1	2.3	253	26.5	2.8	242	23.6	2.7	4.4	-2.9
	High	248	19.0	2.5	204	37.7	3.4	230	37.0	3.2	18.0	-0.8
Burrillville	All	564	25.9	1.8	550	30.9	2.0	547	33.5	2.0	7.6	2.5
	Elem.	166	39.8	3.8	180	38.3	3.6	169	34.9	3.7	-4.8	-3.4
	Middle	214	29.9	3.1	196	25.0	3.1	209	33.5	3.3	3.6	8.5
	High	184	8.7	2.1	174	29.9	3.5	169	32.0	3.6	23.3	2.1
Central Falls	All	705	7.2	1.0	574	10.5	1.3	579	10.4	1.3	3.1	-0.1
	Elem.	264	15.2	2.2	247	13.0	2.1	275	15.3	2.2	0.1	2.3
	Middle	275	1.5	.7	134	<1.0		141	2.1	1.2	0.7	
	High	166	4.2	1.6	193	14.0	2.5	163	9.2	2.3	5.0	-4.8
Chariho	All	857	34.5	1.6	750	56.3	1.8	720	60.4	1.8	25.9	4.2
	Elem.	266	54.1	3.1	235	75.7	2.8	205	77.1	2.9	22.9	1.3
	Middle	297	30.0	2.7	225	60.9	3.3	252	61.5	3.1	31.5	0.6
	High	294	21.4	2.4	290	36.9	2.8	263	46.4	3.1	25.0	9.5
Coventry	All	1308	30.6	1.3	1139	43.9	1.5	1104	38.2	1.5	7.6	-5.7
	Elem.	413	46.2	2.5	376	54.8	2.6	359	49.6	2.6	3.3	-5.2
	Middle	469	31.1	2.1	393	35.4	2.4	382	27.2	2.3	-3.9	-8.1
	High	426	14.8	1.7	370	41.9	2.6	363	38.6	2.6	23.8	-3.3
Cranston	All	2524	26.4	.9	2363	31.3	1.0	2405	34.0	1.0	7.6	2.7
	Elem.	781	50.3	1.8	844	46.1	1.7	792	46.8	1.8	-3.5	0.8
	Middle	902	17.4	1.3	767	19.7	1.4	854	24.0	1.5	6.6	4.3
	High	841	13.8	1.2	752	26.6	1.6	759	31.8	1.7	18.0	5.2
Cumberland	All	1144	26.6	1.3	1007	41.5	1.6	1053	40.9	1.5	14.4	-0.6
	Elem.	372	40.1	2.5	367	48.5	2.6	367	54.5	2.6	14.4	6.0
	Middle	436	21.1	2.0	303	32.7	2.7	379	33.2	2.4	12.1	0.6
	High	336	18.8	2.1	337	41.8	2.7	307	34.2	2.7	15.5	-7.6
Davies Career and Tech.	High	157	3.2	1.4	211	27.5	3.1	202	25.7	3.1	22.6	-1.7
DCYF	High	6			8			6				
East Greenwich	All	593	46.9	2.0	595	61.0	2.0	606	63.2	2.0	16.3	2.2
	Elem.	200	58.0	3.5	202	68.3	3.3	205	69.8	3.2	11.8	1.4
	Middle	216	43.5	3.4	200	57.5	3.5	205	56.6	3.5	13.1	-0.9
	High	177	38.4	3.7	193	57.0	3.6	196	63.3	3.4	24.8	6.3
East Providence	All	1369	18.3	1.0	1130	32.4	1.4	1185	26.4	1.3	8.2	-6.0
	Elem.	456	35.7	2.2	401	37.7	2.4	413	32.0	2.3	-3.8	-5.7
	Middle	472	10.8	1.4	381	16.8	1.9	393	15.5	1.8	4.7	-1.3
	High	441	8.2	1.3	348	43.4	2.7	379	31.7	2.4	23.5	-11.7
Exeter-West Greenwich	All	461	30.2	2.1	387	45.5	2.5	357	51.3	2.6	21.1	5.8
	Elem.	136	36.8	4.1	120	60.8	4.5	114	57.0	4.6	20.3	-3.8
	Middle	161	29.2	3.6	137	35.8	4.1	120	44.2	4.5	15.0	8.4
	High	164	25.6	3.4	130	41.5	4.3	123	52.8	4.5	27.2	11.3
Foster	Elem.	57	56.1	6.6	54	44.4	6.8	54	31.5	6.3	-24.7	-13.0
Foster-Glocester	All	443	16.5	1.8	304	29.3	2.6	339	26.3	2.4	9.8	-3.0
	Middle	224	18.8	2.6	149	33.6	3.9	170	21.8	3.2	3.0	-11.8
	High	219	14.2	2.4	155	25.2	3.5	169	30.8	3.6	16.6	5.6
Glocester	Elem.	130	50.0	4.4	83	54.2	5.5	93	61.3	5.1	11.3	7.1
Highlander	All	49	12.2	4.7	73	11.0	3.7	70	10.0	3.6	-2.2	-1.0
	Elem.	17	23.5	10.3	37	13.5	5.6	35	17.1	6.4	-6.4	3.6
	Middle	32	6.3	4.3	36	8.3	4.6	35	2.9	2.8	-3.4	-5.5
International	Elem.	49	10.2	4.3	54	51.9	6.8	50	32.0	6.6	21.8	-19.9

District	Level	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Diff. 2008 to 2015	% Prof. Diff. 2014 to 2015
Jamestown	All	102	35.3	4.7	107	56.1	4.8	94	53.2	5.1	17.9	-2.9
	Elem.	45	42.2	7.4	51	72.5	6.2	55	63.6	6.5	21.4	-8.9
	Middle	57	29.8	6.1	56	41.1	6.6	39	38.5	7.8	8.6	-2.6
Johnston	All	733	30.2	1.7	618	31.9	1.9	701	32.8	1.8	2.7	0.9
	Elem.	280	45.0	3.0	220	53.2	3.4	234	50.4	3.3	5.4	-2.8
	Middle	272	24.3	2.6	219	19.2	2.7	234	22.2	2.7	-2.0	3.0
	High	181	16.0	2.7	179	21.2	3.1	233	25.8	2.9	9.7	4.5
Kingston Hill	Elem.	42	47.6	7.7	38	78.9	6.6	33	69.7	8.0	22.1	-9.3
Lincoln	All	815	33.5	1.7	706	45.0	1.9	729	46.8	1.8	13.3	1.7
	Elem.	258	51.6	3.1	250	61.2	3.1	219	53.9	3.4	2.3	-7.3
	Middle	292	24.7	2.5	205	28.3	3.1	269	32.7	2.9	8.1	4.4
	High	265	25.7	2.7	251	42.6	3.1	241	56.0	3.2	30.4	13.4
Little Compton	All	72	34.7	5.6	68	55.9	6.0	50	54.0	7.0	19.3	-1.9
	Elem.	34	50.0	8.6	32	78.1	7.3	25	60.0	9.8	10.0	-18.1
	Middle	38	21.1	6.6	36	36.1	8.0	25	48.0	10.0	26.9	11.9
MET Career & Tech.	High	155	2.6	1.3	209	2.9	1.2	197	7.1	1.8	4.5	4.2
Middletown	All	493	30.6	2.1	484	40.5	2.2	497	35.0	2.1	4.4	-5.5
	Elem.	176	38.6	3.7	178	50.6	3.7	168	45.2	3.8	6.6	-5.3
	Middle	177	34.5	3.6	150	26.7	3.6	179	18.4	2.9	-16.0	-8.2
	High	140	15.7	3.1	156	42.3	4.0	150	43.3	4.0	27.6	1.0
Narragansett	All	327	33.6	2.6	341	52.8	2.7	300	54.3	2.9	20.7	1.5
	Elem.	77	50.6	5.7	107	72.0	4.3	99	66.7	4.7	16.0	-5.3
	Middle	135	29.6	3.9	114	26.3	4.1	107	47.7	4.8	18.0	21.3
	High	115	27.0	4.1	120	60.8	4.5	94	48.9	5.2	22.0	-11.9
New Shoreham	All	29	48.3	9.3	30	56.7	9.0	31	51.6	9.0	3.3	-5.1
	Elem.	10	70.0	14.5	10	80.0	12.6	10	60.0	15.5	-10.0	-20.0
	High	19	36.8	11.1	20	45.0	11.1	21	47.6	10.9	10.8	2.6
Newport	All	472	21.6	1.9	419	22.4	2.0	413	28.1	2.2	6.5	5.7
	Elem.	179	34.6	3.6	151	30.5	3.7	141	46.8	4.2	12.2	16.3
	Middle	170	12.4	2.5	156	15.4	2.9	138	16.7	3.2	4.3	1.3
	High	123	15.4	3.3	112	21.4	3.9	134	20.1	3.5	4.7	-1.3
North Kingstown	All	1060	36.7	1.5	935	55.9	1.6	924	55.2	1.6	18.5	-0.7
	Elem.	322	56.8	2.8	303	71.6	2.6	285	69.5	2.7	12.6	-2.1
	Middle	350	30.0	2.4	309	42.1	2.8	300	44.7	2.9	14.7	2.6
	High	388	26.0	2.2	323	54.5	2.8	339	52.5	2.7	26.5	-2.0
North Providence	All	779	16.4	1.3	770	29.6	1.6	773	25.6	1.6	9.2	-4.0
	Elem.	222	31.5	3.1	289	48.8	2.9	252	43.3	3.1	11.7	-5.5
	Middle	276	11.2	1.9	245	6.9	1.6	260	7.3	1.6	-3.9	0.4
	High	281	9.6	1.8	236	29.7	3.0	261	26.8	2.7	17.2	-2.8
North Smithfield	All	431	30.9	2.2	408	53.2	2.5	391	56.8	2.5	25.9	3.6
	Elem.	141	52.5	4.2	144	66.0	3.9	120	65.0	4.4	12.5	-1.0
	Middle	148	13.5	2.8	118	39.0	4.5	140	37.1	4.1	23.6	-1.8
	High	142	27.5	3.7	146	52.1	4.1	131	70.2	4.0	42.8	18.2
Paul Cuffee	All	86	20.9	4.4	174	13.2	2.6	181	16.6	2.8	-4.4	3.4
	Elem.	47	31.9	6.8	57	22.8	5.6	57	40.4	6.5	8.4	17.5
	Middle	39	7.7	4.3	60	11.7	4.1	60	1.7	1.7	-6.0	-10.0
	High	n/a	n/a	n/a	57	5.3	3.0	64	9.4	3.6	n/a	4.1
Pawtucket	All	1860	11.2	.7	1869	14.0	0.8	1882	11.3	.7	0.1	-2.6
	Elem.	660	17.1	1.5	775	21.2	1.5	785	17.2	1.3	0.1	-4.0
	Middle	751	7.1	.9	629	4.8	0.8	628	2.5	.6	-4.5	-2.2
	High	449	9.4	1.4	465	14.4	1.6	469	13.2	1.6	3.9	-1.2
Portsmouth	All	675	38.5	1.9	595	53.4	2.0	598	53.2	2.0	14.7	-0.3
	Elem.	195	51.8	3.6	180	50.6	3.7	175	52.0	3.8	0.2	1.4
	Middle	256	30.1	2.9	195	51.3	3.6	191	45.5	3.6	15.5	-5.7
	High	224	36.6	3.2	220	57.7	3.3	232	60.3	3.2	23.7	2.6
Providence	All	5134	5.3	.3	4718	12.1	0.5	4810	10.7	.4	5.3	-1.4
	Elem.	1843	9.4	.7	1921	17.4	0.9	1871	16.2	.9	6.8	-1.1
	Middle	1828	1.8	.3	1546	6.6	0.6	1699	5.0	.5	3.3	-1.6
	High	1463	4.6	.6	1251	10.7	0.9	1240	10.1	.9	5.4	-0.6
RI Nurses Institute	High	n/a	n/a	n/a	47	8.5	4.1	55	1.8	1.8	n/a	-6.7
RI Sch. for the Deaf	All	7			17	<1.0		7				
	Elem.	4			6			3				
	Middle	1			3			3				
	High	2			8			1				

District	Level	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Diff. 2008 to 2015	% Prof. Diff. 2014 to 2015
Scituate	All	417	37.9	2.4	359	46.8	2.6	376	45.2	2.6	**7.3**	**-1.6**
	Elem.	155	52.9	4.0	115	64.3	4.5	121	68.6	4.2	**15.7**	**4.2**
	Middle	143	39.2	4.1	130	42.3	4.3	128	32.8	4.2	**-6.3**	**-9.5**
	High	119	16.8	3.4	114	34.2	4.4	127	35.4	4.2	**18.6**	**1.2**
Segue Institute	Middle	n/a	n/a	n/a	70	11.4	3.8	77	14.3	4.0	**n/a**	**2.9**
Sheila Skip Nowell	High	n/a	n/a	n/a	19	<1.0		24	<1.0		**n/a**	
Smithfield	All	648	43.2	1.9	500	49.8	2.2	584	48.5	2.1	**5.2**	**-1.3**
	Elem.	197	58.9	3.5	169	72.2	3.4	194	61.3	3.5	**2.5**	**-10.8**
	Middle	227	44.1	3.3	171	38.0	3.7	205	41.0	3.4	**-3.1**	**3.0**
	High	224	28.6	3.0	160	38.8	3.9	185	43.2	3.6	**14.7**	**4.5**
South Kingstown	All	884	43.6	1.7	782	52.2	1.8	761	54.3	1.8	**10.7**	**2.1**
	Elem.	265	52.1	3.1	265	54.7	3.1	235	65.5	3.1	**13.5**	**10.8**
	Middle	319	43.9	2.8	271	46.5	3.0	251	38.6	3.1	**-5.2**	**-7.8**
	High	300	35.7	2.8	246	55.7	3.2	275	58.9	3.0	**23.2**	**3.2**
The Compass School	All	28	53.6	9.4	37	56.8	8.1	36	52.8	8.3	**-0.8**	**-4.0**
	Elem.	17	70.6	11.1	19	84.2	8.4	19	78.9	9.4	**8.4**	**-5.3**
	Middle	11	27.3	13.4	18	27.8	10.6	17	23.5	10.3	**-3.7**	**-4.2**
The Greene School	High	n/a	n/a	n/a	38	44.7	8.1	37	40.5	8.1	**n/a**	**-4.2**
The Learning Community	All	40	22.5	6.6	118	24.6	4.0	122	28.7	4.1	**6.2**	**4.1**
	Elem.	40	22.5	6.6	63	42.9	6.2	63	52.4	6.3	**29.9**	**9.5**
	Middle	n/a	n/a	n/a	55	3.6	2.5	59	3.4	2.4	**n/a**	**-0.2**
Tiverton	All	460	31.7	2.2	426	37.6	2.3	414	39.6	2.4	**7.9**	**2.1**
	Elem.	148	49.3	4.1	144	56.3	4.1	134	47.0	4.3	**-2.3**	**-9.2**
	Middle	158	16.5	2.9	155	29.0	3.6	136	30.9	4.0	**14.4**	**1.9**
	High	154	30.5	3.7	127	26.8	3.9	144	41.0	4.1	**10.5**	**14.2**
Trinity Academy	All	n/a	n/a	n/a	32	3.1	3.1	62	<1.0		**n/a**	
	Middle	n/a	n/a	n/a	32	3.1	3.1	35	<1.0		**n/a**	
	High	n/a	n/a	n/a	n/a	n/a	n/a	27	<1.0		**n/a**	**n/a**
Urban Collaborative	Middle	56	<1.0		73	<1.0		89	<1.0			
Village Green Virtual Chrtr.	High	n/a	n/a	n/a	n/a	n/a	n/a	48	10.4	4.4	**n/a**	**n/a**
Warwick	All	2539	24.1	.8	2114	26.5	1.0	2103	24.7	.9	**0.5**	**-1.9**
	Elem.	824	43.7	1.7	742	42.6	1.8	676	40.2	1.9	**-3.5**	**-2.4**
	Middle	873	15.8	1.2	707	18.2	1.5	754	12.2	1.2	**-3.6**	**-6.0**
	High	842	13.7	1.2	665	17.4	1.5	673	23.0	1.6	**9.4**	**5.6**
West Warwick	All	773	17.7	1.4	669	20.8	1.6	703	16.9	1.4	**-0.8**	**-3.8**
	Elem.	259	25.5	2.7	235	33.6	3.1	252	26.6	2.8	**1.1**	**-7.0**
	Middle	292	13.0	2.0	244	10.7	2.0	256	11.7	2.0	**-1.3**	**1.1**
	High	222	14.9	2.4	190	17.9	2.8	195	11.3	2.3	**-3.6**	**-6.6**
Westerly	All	779	31.1	1.7	683	37.0	1.8	641	45.9	2.0	**14.8**	**8.8**
	Elem.	234	48.3	3.3	223	49.8	3.3	204	55.9	3.5	**7.6**	**6.1**
	Middle	276	25.7	2.6	216	27.3	3.0	226	42.5	3.3	**16.8**	**15.2**
	High	269	21.6	2.5	244	34.0	3.0	211	39.8	3.4	**18.2**	**5.8**
Woonsocket	All	1310	10.2	.8	1168	12.9	1.0	1141	14.7	1.0	**4.5**	**1.8**
	Elem.	515	20.4	1.8	458	17.2	1.8	441	14.3	1.7	**-6.1**	**-3.0**
	Middle	431	2.6	.8	360	5.8	1.2	375	9.3	1.5	**6.8**	**3.5**
	High	364	4.9	1.1	350	14.6	1.9	325	21.5	2.3	**16.6**	**7.0**
STATE	**All**	33358	23.8	.2	30794	31.7	0.3	**31016**	**31.3**	**.3**	**7.5**	**-0.4**
	Elem.	11004	36.4	.5	10945	41.3	0.5	**10599**	**40.0**	**.5**	**3.6**	**-1.3**
	Middle	11883	18.7	.4	10149	22.8	0.4	**10638**	**22.4**	**.4**	**3.7**	**-0.3**
	High	10471	16.4	.4	9700	30.1	0.5	**9779**	**31.5**	**.5**	**15.1**	**1.4**

Key

= Statistically significant *decrease* in total percent of students *proficient* or above

= Statistically significant *increase* in total percent of students *proficient* or above

= No statistically significant difference between comparison years' total percent of students *proficient* or above

SE = Standard error (see Appendix B)

N = Number of students tested

SCHOOL RESULTS

Table 10. Percent of Students At/Above "Proficient" in Science by School.

District	School	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Difference: 2008-2015	% Prof. Difference: 2014-2015
Barrington	**All**	827	63.0	1.7	828	62.7	1.7	721	64.1	1.8	1.1	1.4
	Hampden Meadows ES	244	70.5	2.9	256	66.4	3.0	251	59.8	3.1	-10.7	-6.6
	Barrington MS	299	64.2	2.8	295	55.3	2.9	255	63.5	3.0	-0.7	8.3
	Barrington HS	282	55.7	3.0	272	68.0	2.8	213	70.4	3.1	14.7	2.4
Beacon Charter	Beacon Charter HS	21	4.8	4.6	52	17.3	5.2	58	37.9	6.4	33.2	20.6
Blackstone Academy	Blackstone Academy HS	37	2.7	2.7	39	15.4	5.8	41	17.1	5.9	14.4	1.7
Blackstone Valley Prep	**All**	n/a	n/a	n/a	169	36.1	3.7	168	45.8	3.8	n/a	9.7
	Blackstone Valley Prep ES	n/a	n/a	n/a	81	54.3	5.5	83	56.6	5.4	n/a	2.3
	Blackstone Valley Prep MS	n/a	n/a	n/a	88	19.3	4.2	85	35.3	5.2	n/a	16.0
Bristol-Warren	**All**	783	28.0	1.6	695	34.5	1.8	724	41.2	1.8	13.2	6.6
	Colt Andrews ES	n/a	n/a	n/a	56	37.5	6.5	64	67.2	5.9	n/a	29.7
	Guiteras ES	46	39.1	7.2	44	50.0	7.5	53	58.5	6.8	19.4	8.5
	Hugh Cole ES	84	36.9	5.3	91	25.3	4.6	87	49.4	5.4	12.5	24.2
	Rockwell ES	45	66.7	7.0	47	63.8	7.0	48	81.3	5.6	14.6	17.4
	Kickemuit MS	279	19.4	2.4	252	26.6	2.8	239	23.8	2.8	4.5	-2.7
	Mt. Hope HS	246	19.1	2.5	199	38.7	3.5	228	37.3	3.2	18.2	-1.4
Burrillville	**All**	564	25.9	1.8	550	30.9	2.0	547	33.5	2.0	7.6	2.5
	Steere Farm ES	86	32.6	5.1	85	43.5	5.4	93	30.1	4.8	-2.5	-13.4
	W. L. Callahan ES	80	47.5	5.6	95	33.7	4.8	76	40.8	5.6	-6.7	7.1
	Burrillville MS	212	30.2	3.2	196	25.0	3.1	209	33.5	3.3	3.3	8.5
	Burrillville HS	184	8.7	2.1	172	30.2	3.5	167	31.7	3.6	23.0	1.5
Central Falls	**All**	705	7.2	1.0	574	10.5	1.3	579	10.4	1.3	3.1	-0.1
	Ella Risk ES	84	17.9	4.2	121	14.0	3.2	132	16.7	3.2	-1.2	2.6
	Veterans Memorial ES	99	12.1	3.3	126	11.9	2.9	143	14.0	2.9	1.9	2.1
	Dr. E. F. Calcutt MS	268	1.5	.7	131	<1.0		141	2.1	1.2	0.6	
	Central Falls Sr. HS	164	4.3	1.6	192	14.1	2.5	162	9.3	2.3	5.0	-4.8
Chariho	**All**	857	34.5	1.6	750	56.3	1.8	720	60.4	1.8	25.9	4.2
	Ashaway ES	49	51.0	7.1	44	86.4	5.2	33	72.7	7.8	21.7	-13.6
	Charlestown ES	71	47.9	5.9	67	74.6	5.3	51	80.4	5.6	32.5	5.8
	Hope Valley ES	49	59.2	7.0	46	80.4	5.8	39	79.5	6.5	20.3	-0.9
	Richmond ES	95	58.9	5.0	78	67.9	5.3	81	75.3	4.8	16.4	7.4
	The R.Y.S.E. School ES	n/a	n/a	n/a	n/a	n/a	n/a	1			n/a	n/a
	Chariho Regional MS	291	30.6	2.7	221	62.0	3.3	246	63.0	3.1	32.4	1.0
	The R.Y.S.E. School MS	6			4			6				
	Chariho Regional HS	284	21.8	2.5	287	36.9	2.8	257	47.5	3.1	25.6	10.5
	The R.Y.S.E. School HS	9			3			5				
Coventry	**All**	1308	30.6	1.3	1139	43.9	1.5	1104	38.2	1.5	7.6	-5.7
	Blackrock ES	66	34.8	5.9	73	35.6	5.6	73	23.3	4.9	-11.6	-12.3
	Hopkins Hill ES	64	39.1	6.1	61	60.7	6.3	60	65.0	6.2	25.9	4.3
	Tiogue ES	68	61.8	5.9	69	68.1	5.6	58	56.9	6.5	-4.9	-11.2
	Washington Oak ES	88	44.3	5.3	117	52.1	4.6	96	49.0	5.1	4.6	-3.2
	Western Coventry ES	78	53.8	5.6	55	63.6	6.5	72	58.3	5.8	4.5	-5.3
	A. S. Feinstein MS	469	31.1	2.1	392	35.5	2.4	381	27.3	2.3	-3.8	-8.2
	Coventry HS	426	14.8	1.7	370	41.9	2.6	363	38.6	2.6	23.8	-3.3
Cranston	**All**	2524	26.4	.9	2363	31.3	1.0	2405	34.0	1.0	7.6	2.7
	Arlington ES	23	43.5	10.3	25	36.0	9.6	25	32.0	9.3	-11.5	-4.0
	Chester W. Barrows ES	33	78.8	7.1	27	51.9	9.6	32	46.9	8.8	-31.9	-5.0
	Daniel D. Waterman ES	34	41.2	8.4	43	30.2	7.0	27	48.1	9.6	7.0	17.9
	Eden Park ES	46	43.5	7.3	54	59.3	6.7	51	58.8	6.9	15.3	-0.4
	Edgewood Highland ES	40	35.0	7.5	46	39.1	7.2	45	42.2	7.4	7.2	3.1
	Edward S. Rhodes ES	44	52.3	7.5	41	75.6	6.7	44	72.7	6.7	20.5	-2.9
	Garden City ES	48	50.0	7.2	50	30.0	6.5	38	47.4	8.1	-2.6	17.4
	George J. Peters ES	63	58.7	6.2	54	50.0	6.8	50	42.0	7.0	-16.7	-8.0
	Gladstone Street ES	74	31.1	5.4	92	34.8	5.0	95	18.9	4.0	-12.1	-15.8

District	School	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Difference: 2008-2015	% Prof. Difference: 2014-2015
Cranston (continued)	Glen Hills ES	52	36.5	6.7	45	42.2	7.4	45	42.2	7.4	5.7	0.0
	Hope Highlands ES	53	58.5	6.8	72	50.0	5.9	59	50.8	6.5	-7.6	0.8
	Oak Lawn ES	40	62.5	7.7	48	47.9	7.2	38	57.9	8.0	-4.6	10.0
	Orchard Farms ES	54	79.6	5.5	51	72.5	6.2	49	69.4	6.6	-10.2	-3.2
	Stadium ES	37	56.8	8.1	49	20.4	5.8	52	38.5	6.7	-18.3	18.1
	Stone Hill ES	40	60.0	7.7	35	51.4	8.4	39	69.2	7.4	9.2	17.8
	William R. Dutemple ES	43	27.9	6.8	51	25.5	6.1	48	37.5	7.0	9.6	12.0
	Woodridge ES	55	49.1	6.7	57	73.7	5.8	50	54.0	7.0	4.9	-19.7
	Hugh B. Bain MS	244	5.7	1.5	207	9.2	2.0	246	13.0	2.1	7.3	3.8
	Park View MS	294	16.7	2.2	242	24.4	2.8	241	25.3	2.8	8.6	0.9
	Western Hills MS	363	25.9	2.3	312	23.4	2.4	362	30.9	2.4	5.0	7.5
	Cranston HS East	353	5.9	1.3	366	19.9	2.1	330	23.3	2.3	17.4	3.4
	Cranston HS West	439	21.6	2.0	360	35.0	2.5	391	41.4	2.5	19.8	6.4
	NEL/CPS Career Acad. HS	48	<1.0		24	4.2	4.1	35	5.7	3.9		1.5
Cumberland	**All**	1144	26.6	1.3	1007	41.5	1.6	1053	40.9	1.5	14.4	-0.6
	Ashton ES	69	34.8	5.7	50	46.0	7.0	40	42.5	7.8	7.7	-3.5
	B.F. Norton ES	50	12.0	4.6	75	30.7	5.3	86	44.2	5.4	32.2	13.5
	Community ES	96	58.3	5.0	127	60.6	4.3	115	68.7	4.3	10.4	8.1
	Garvin Memorial ES	60	38.3	6.3	53	39.6	6.7	65	41.5	6.1	3.2	1.9
	J.J.M. Cumberland Hill ES	96	41.7	5.0	62	54.8	6.3	61	63.9	6.1	22.3	9.1
	Joseph L. McCourt MS	221	14.0	2.3	139	19.4	3.4	149	18.1	3.2	4.1	-1.3
	North Cumberland MS	215	28.4	3.1	163	44.2	3.9	226	43.8	3.3	15.4	-0.4
	Cumberland HS	336	18.8	2.1	334	42.2	2.7	307	34.2	2.7	15.5	-8.0
Davies Career-Tech.	Davies Career-Tech. HS	156	3.2	1.4	211	27.5	3.1	202	25.7	3.1	22.5	-1.7
DCYF	DCYF Alt. Ed. Program HS	6			8			6				
East Greenwich	**All**	593	46.9	2.0	595	61.0	2.0	606	63.2	2.0	16.3	2.2
	George Hanaford ES	94	62.8	5.0	97	71.1	4.6	101	71.3	4.5	8.5	0.2
	James H. Eldredge ES	106	53.8	4.8	104	66.3	4.6	103	68.9	4.6	15.2	2.6
	Archie R. Cole MS	214	43.9	3.4	199	57.8	3.5	205	56.6	3.5	12.7	-1.2
	East Greenwich HS	176	38.1	3.7	193	57.0	3.6	195	63.1	3.5	25.0	6.1
East Providence	**All**	1369	18.3	1.0	1130	32.4	1.4	1185	26.4	1.3	8.2	-6.0
	Agnes B. Hennessey ES	46	34.8	7.0	44	38.6	7.3	47	17.0	5.5	-17.8	-21.6
	Alice M. Waddington ES	91	54.9	5.2	77	55.8	5.7	72	51.4	5.9	-3.6	-4.5
	Emma G. Whiteknact ES	52	30.8	6.4	42	21.4	6.3	45	22.2	6.2	-8.5	0.8
	James R. D. Oldham ES	47	4.3	2.9	34	8.8	4.9	41	24.4	6.7	20.1	15.6
	Kent Heights ES	52	36.5	6.7	39	25.6	7.0	43	48.8	7.6	12.3	23.2
	Myron J. Francis ES	77	61.0	5.6	74	48.6	5.8	57	33.3	6.2	-27.7	-15.3
	Orlo Avenue ES	49	10.2	4.3	47	34.0	6.9	52	19.2	5.5	9.0	-14.8
	Silver Spring ES	38	21.1	6.6	41	41.5	7.7	50	34.0	6.7	12.9	-7.5
	Edward R. Martin MS	284	9.5	1.7	186	16.7	2.7	201	18.4	2.7	8.9	1.7
	Riverside MS	178	13.5	2.6	194	17.0	2.7	188	12.8	2.4	-0.7	-4.2
	East Providence HS	434	8.3	1.3	336	44.9	2.7	372	32.3	2.4	24.0	-12.7
Ex.-W. Greenwich	**All**	461	30.2	2.1	387	45.5	2.5	357	51.3	2.6	21.1	5.8
	Metcalf ES	135	37.0	4.2	120	60.8	4.5	114	57.0	4.6	20.0	-3.8
	Exeter-W. Greenwich MS	161	29.2	3.6	137	35.8	4.1	120	44.2	4.5	15.0	8.4
	Exeter-W. Greenwich HS	164	25.6	3.4	130	41.5	4.3	122	52.5	4.5	26.8	10.9
Foster	Captain Isaac Paine ES	57	56.1	6.6	54	44.4	6.8	54	31.5	6.3	-24.7	-13.0
Foster-Glocester	**All**	443	16.5	1.8	304	29.3	2.6	339	26.3	2.4	9.8	-3.0
	Ponaganset MS	224	18.8	2.6	149	33.6	3.9	170	21.8	3.2	3.0	-11.8
	Ponaganset HS	219	14.2	2.4	155	25.2	3.5	169	30.8	3.6	16.6	5.6
Glocester	**All**	130	50.0	4.4	83	54.2	5.5	93	61.3	5.1	11.3	7.1
	Fogarty Memorial ES	66	56.1	6.1	45	53.3	7.4	51	76.5	5.9	20.4	23.1
	West Glocester ES	64	43.8	6.2	38	55.3	8.1	42	42.9	7.6	-0.9	-12.4
Highlander	**All**	49	12.2	4.7	73	11.0	3.7	70	10.0	3.6	-2.2	-1.0
	Highlander Charter ES	17	23.5	10.3	37	13.5	5.6	35	17.1	6.4	-6.4	3.6
	Highlander Charter MS	32	6.3	4.3	36	8.3	4.6	35	2.9	2.8	-3.4	-5.5
International	International Charter ES	49	10.2	4.3	54	51.9	6.8	50	32.0	6.6	21.8	-19.9
Jamestown	**All**	102	35.3	4.7	107	56.1	4.8	94	53.2	5.1	17.9	-2.9
	Jamestown-Melrose ES	45	42.2	7.4	51	72.5	6.2	55	63.6	6.5	21.4	-8.9
	Jamestown-Lawn MS	57	29.8	6.1	56	41.1	6.6	39	38.5	7.8	8.6	-2.6

District	School	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Difference: 2008-2015	% Prof. Difference: 2014-2015
Johnston	**All**	733	30.2	1.7	618	31.9	1.9	701	32.8	1.8	2.7	0.9
	Brown Avenue ES	49	73.5	6.3	40	67.5	7.4	39	71.8	7.2	-1.7	4.3
	Sarah Dyer Barnes ES	51	60.8	6.8	41	68.3	7.3	50	60.0	6.9	-0.8	-8.3
	Thornton ES	79	26.6	5.0	75	33.3	5.4	68	45.6	6.0	19.0	12.3
	Winsor Hill ES	100	38.0	4.9	63	58.7	6.2	77	37.7	5.5	-0.3	-21.1
	Nicholas A. Ferri MS	267	24.7	2.6	216	19.0	2.7	233	22.3	2.7	-2.4	3.3
	Johnston Senior HS	180	16.1	2.7	178	21.3	3.1	232	25.4	2.9	9.3	4.1
Kingston Hill	Kingston Hill Academy ES	42	47.6	7.7	38	78.9	6.6	33	69.7	8.0	22.1	-9.3
Lincoln	**All**	815	33.5	1.7	706	45.0	1.9	729	46.8	1.8	13.3	1.7
	Lincoln Central ES	70	74.3	5.2	73	74.0	5.1	49	73.5	6.3	-0.8	-0.5
	Lonsdale ES	47	53.2	7.3	70	41.4	5.9	50	46.0	7.0	-7.2	4.6
	Northern Lincoln ES	67	35.8	5.9	63	60.3	6.2	72	55.6	5.9	19.7	-4.8
	Saylesville ES	74	43.2	5.8	43	74.4	6.7	47	40.4	7.2	-2.8	-34.0
	Lincoln MS	292	24.7	2.5	203	28.6	3.2	269	32.7	2.9	8.1	4.1
	Lincoln Senior HS	263	25.9	2.7	250	42.8	3.1	240	56.3	3.2	30.4	13.5
Little Compton	**All**	72	34.7	5.6	68	55.9	6.0	50	54.0	7.0	19.3	-1.9
	Wilbur & McMahon ES	34	50.0	8.6	32	78.1	7.3	25	60.0	9.8	10.0	-18.1
	Wilbur & McMahon MS	38	21.1	6.6	36	36.1	8.0	25	48.0	10.0	26.9	11.9
MET Career & Tech.	MET Career & Tech. HS	154	2.6	1.3	209	2.9	1.2	197	7.1	1.8	4.5	4.2
Middletown	**All**	493	30.6	2.1	484	40.5	2.2	497	35.0	2.1	4.4	-5.5
	J. H. Gaudet Lng. Acad. ES	n/a	n/a	n/a	178	50.6	3.7	168	45.2	3.8	n/a	-5.3
	J. H. Gaudet MS	176	34.7	3.6	149	26.8	3.6	176	18.8	2.9	-15.9	-8.1
	Middletown HS	139	15.8	3.1	149	44.3	4.1	148	43.9	4.1	28.1	-0.4
Narragansett	**All**	327	33.6	2.6	341	52.8	2.7	300	54.3	2.9	20.7	1.5
	Narragansett ES	77	50.6	5.7	107	72.0	4.3	99	66.7	4.7	16.0	-5.3
	Narragansett Pier MS	134	29.9	4.0	112	26.8	4.2	107	47.7	4.8	17.8	20.9
	Narragansett HS	115	27.0	4.1	120	60.8	4.5	94	48.9	5.2	22.0	-11.9
New Shoreham	**All**	29	48.3	9.3	30	56.7	9.0	31	51.6	9.0	3.3	-5.1
	Block Island ES	10	70.0	14.5	10	80.0	12.6	10	60.0	15.5	-10.0	-20.0
	Block Island MS + HS	12	25.0	12.5	20	45.0	11.1	21	47.6	10.9	22.6	2.6
Newport	**All**	472	21.6	1.9	419	22.4	2.0	413	28.1	2.2	6.5	5.7
	Claiborne Pell ES	n/a	n/a	n/a	147	31.3	3.8	141	46.8	4.2	n/a	15.5
	Frank E. Thompson MS	168	12.5	2.6	153	15.7	2.9	136	16.9	3.2	4.4	1.2
	Rogers HS	121	15.7	3.3	109	22.0	4.0	133	20.3	3.5	4.6	-1.7
North Kingstown	**All**	1060	36.7	1.5	935	55.9	1.6	924	55.2	1.6	18.5	-0.7
	Fishing Cove ES	n/a	n/a	n/a	38	68.4	7.5	48	77.1	6.1	n/a	8.7
	Forest Park ES	n/a	n/a	n/a	50	66.0	6.7	52	57.7	6.9	n/a	-8.3
	Hamilton ES	185	66.5	3.5	84	69.0	5.0	63	77.8	5.2	11.3	8.7
	Stony Lane ES	n/a	n/a	n/a	72	76.4	5.0	77	71.4	5.1	n/a	-5.0
	S. M. H. Quidnessett ES	135	44.4	4.3	58	77.6	5.5	45	60.0	7.3	15.6	-17.6
	Davisville MS	185	28.6	3.3	182	39.0	3.6	160	41.9	3.9	13.2	2.9
	Wickford MS	163	31.9	3.7	125	47.2	4.5	139	48.2	4.2	16.3	1.0
	North Kingstown Senior HS	383	26.4	2.3	323	54.5	2.8	337	52.8	2.7	26.4	-1.7
North Providence	**All**	779	16.4	1.3	770	29.6	1.6	773	25.6	1.6	9.2	-4.0
	Centredale ES	36	25.0	7.2	45	35.6	7.1	41	36.6	7.5	11.6	1.0
	Dr. Joseph A. Whelan ES	31	38.7	8.7	50	64.0	6.8	39	51.3	8.0	12.6	-12.7
	Greystone ES	43	25.6	6.7	41	43.9	7.8	41	51.2	7.8	25.6	7.3
	James L. McGuire ES	33	42.4	8.6	56	41.1	6.6	42	54.8	7.7	12.3	13.7
	Marieville ES	41	22.0	6.5	43	37.2	7.4	45	33.3	7.0	11.4	-3.9
	Stephen Olney ES	37	40.5	8.1	53	67.9	6.4	43	34.9	7.3	-5.7	-33.0
	Birchwood MS	139	14.4	3.0	123	10.6	2.8	127	12.6	2.9	-1.8	2.0
	Dr. Edward A. Ricci MS	137	8.0	2.3	121	3.3	1.6	132	2.3	1.3	-5.8	-1.0
	North Providence HS	279	9.7	1.8	233	30.0	3.0	258	27.1	2.8	17.5	-2.9
North Smithfield	**All**	431	30.9	2.2	408	53.2	2.5	391	56.8	2.5	25.9	3.6
	Dr. H. L.. H. Memorial ES	96	52.1	5.1	143	66.4	3.9	120	65.0	4.4	12.9	-1.4
	North Smithfield MS	148	13.5	2.8	116	39.7	4.5	139	37.4	4.1	23.9	-2.2
	North Smithfield HS	142	27.5	3.7	146	52.1	4.1	131	70.2	4.0	42.8	18.2
Paul Cuffee	**All**	86	20.9	4.4	174	13.2	2.6	181	16.6	2.8	-4.4	3.4
	Paul Cuffee Charter ES	47	31.9	6.8	57	22.8	5.6	57	40.4	6.5	8.4	17.5
	Paul Cuffee Charter MS	39	7.7	4.3	60	11.7	4.1	60	1.7	1.7	-6.0	-10.0
	Paul Cuffee Charter HS	n/a	n/a	n/a	57	5.3	3.0	64	9.4	3.6	n/a	4.1
Pawtucket	**All**	1860	11.2	.7	1869	14.0	0.8	1882	11.3	.7	0.1	-2.6
	Agnes E. Little ES	62	9.7	3.8	62	22.6	5.3	74	16.2	4.3	6.5	-6.4
	Curvin-McCabe ES	60	30.0	5.9	66	36.4	5.9	72	13.9	4.1	-16.1	-22.5
	Elizabeth Baldwin ES	94	16.0	3.8	105	11.4	3.1	97	8.2	2.8	-7.7	-3.2

District	School	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Difference: 2008-2015	% Prof. Difference: 2014-2015
Pawtucket (continued)	Fallon Memorial ES	80	8.8	3.2	105	6.7	2.4	97	9.3	2.9	0.5	2.6
	Flora S. Curtis Memorial ES	31	19.4	7.1	53	26.4	6.1	46	17.4	5.6	-2.0	-9.0
	Francis J. Varieur ES	49	40.8	7.0	54	31.5	6.3	46	34.8	7.0	-6.0	3.3
	Henry J. Winters ES	59	13.6	4.5	53	13.2	4.7	72	8.3	3.3	-5.2	-4.9
	M. Virginia Cunningham ES	63	11.1	4.0	92	17.4	4.0	76	3.9	2.2	-7.2	-13.4
	Nathanael Greene ES	75	14.7	4.1	91	13.2	3.5	108	25.0	4.2	10.3	11.8
	Potter-Burns ES	83	18.1	4.2	92	44.6	5.2	95	37.9	5.0	19.8	-6.7
	Goff MS	228	11.4	2.1	210	5.7	1.6	206	3.4	1.3	-8.0	-2.3
	Joseph Jenks MS	236	2.1	.9	187	7.0	1.9	182	3.3	1.3	1.2	-3.7
	Samuel Slater MS	283	7.8	1.6	228	2.2	1.0	238	1.3	.7	-6.5	-0.9
	J. M. Walsh HS	194	4.6	1.5	211	10.9	2.1	47	25.5	6.4	n/a	1.5
	Shea Senior HS	n/a	n/a	n/a	50	24.0	6.0	212	9.0	2.0	4.3	-1.9
	Tolman Senior HS	255	12.9	2.1	195	16.4	2.7	210	14.8	2.4	1.8	-1.6
Portsmouth	**All**	675	38.5	1.9	595	53.4	2.0	598	53.2	2.0	14.7	-0.3
	Portsmouth MS (ES)	n/a	n/a	n/a	179	50.8	3.7	173	52.6	3.8	n/a	1.8
	Portsmouth MS	254	30.3	2.9	193	51.8	3.6	186	46.8	3.7	16.5	-5.0
	Portsmouth HS	224	36.6	3.2	217	57.6	3.4	230	60.9	3.2	24.3	3.3
Providence	**All**	5134	5.3	.3	4718	12.1	0.5	4810	10.7	.4	5.3	-1.4
	Alan Shawn Feinstein ES	51	13.7	4.8	72	11.1	3.7	70	17.1	4.5	3.4	6.0
	Alfred Lima, Sr. ES	74	1.4	1.3	168	10.1	2.3	150	5.3	1.8	4.0	-4.8
	Anthony Carnevale ES	76	10.5	3.5	117	18.8	3.6	75	38.7	5.6	28.1	19.9
	Asa Messer ES	75	4.0	2.3	104	11.5	3.1	105	11.4	3.1	7.4	-0.1
	Carl G. Lauro ES	125	6.4	2.2	147	18.4	3.2	133	8.3	2.4	1.9	-10.1
	Dr. Martin Luther King, Jr. ES	61	26.2	5.6	90	13.3	3.6	80	16.3	4.1	-10.0	2.9
	Frank D. Spaziano ES	87	18.4	4.2	95	14.7	3.6	102	15.7	3.6	-2.7	0.9
	George J. West ES	118	5.9	2.2	124	26.6	4.0	123	23.6	3.8	17.6	-3.0
	Harry Kizirian ES	70	10.0	3.6	88	10.2	3.2	83	13.3	3.7	3.3	3.0
	Leviton Dual Language ES	n/a	n/a	n/a	40	7.5	4.2	46	19.6	5.8	n/a	12.1
	Lillian Feinstein ES	68	10.3	3.7	79	16.5	4.2	77	7.8	3.1	-2.5	-8.7
	Mary E. Fogarty ES	68	2.9	2.0	71	4.2	2.4	68	1.5	1.5	-1.5	-2.8
	Pleasant View ES	47	8.5	4.1	42	33.3	7.3	50	26.0	6.2	17.5	-7.3
	Reservoir Avenue ES	33	9.1	5.0	48	20.8	5.9	49	16.3	5.3	7.2	-4.5
	Robert F. Kennedy ES	80	28.8	5.1	95	42.1	5.1	96	34.4	4.8	5.6	-7.7
	Robert L Bailey IV, ES	78	1.3	1.3	78	5.1	2.5	95	6.3	2.5	5.0	1.2
	Sgt. C.Young & C. Woods ES	47	6.4	3.6	99	5.1	2.2	98	8.2	2.8	1.8	3.1
	Times2 Academy ES	46	6.5	3.6	54	27.8	6.1	54	29.6	6.2	23.1	1.9
	Vartan Gregorian ES	40	40.0	7.7	52	69.2	6.4	53	39.6	6.7	-0.4	-29.6
	Veazie Street ES	88	10.2	3.2	116	10.3	2.8	98	12.2	3.3	2.0	1.9
	Webster Avenue ES	52	9.6	4.1	59	23.7	5.5	84	8.3	3.0	-1.3	-15.4
	William D'Abate ES	73	13.7	4.0	76	14.5	4.0	78	29.5	5.2	15.8	15.0
	Esek Hopkins MS	186	1.1	.8	171	1.8	1.0	194	6.2	1.7	5.1	4.4
	Gilbert Stuart MS	254	<1.0		228	<1.0		259	<1.0			
	Gov. Chris. DelSesto MS	216	<1.0		316	1.6	0.7	324	<1.0			
	Nathan Bishop MS	n/a	n/a	n/a	220	15.0	2.4	229	9.6	1.9	n/a	-5.4
	Nathanael Greene MS	327	4.6	1.2	311	16.7	2.1	325	11.7	1.8	7.1	-5.0
	Roger Williams MS	291	<1.0		225	1.3	0.8	255	1.2	.7		-0.2
	Times2 Academy MS	74	12.2	3.8	59	10.2	3.9	63	9.5	3.7	-2.6	-0.6
	West Broadway MS	n/a	n/a	n/a	n/a	n/a	n/a	30	<1.0		n/a	n/a
	ACES HS	58	<1.0		41	9.8	4.6	29	20.7	7.5		10.9
	Central HS	246	1.6	.8	196	<1.0		231	<1.0			
	Classical HS	262	19.5	2.4	269	39.4	3.0	279	35.5	2.9	16.0	-3.9
	Dr. Jorge Alvarez HS	72	2.8	1.9	83	4.8	2.4	74	1.4	1.3	-1.4	-3.5
	E-Cubed Acad. HS	65	1.5	1.5	77	1.3	1.3	68	5.9	2.9	4.3	4.6
	Hope HS	n/a	n/a	n/a	124	3.2	1.6	129	2.3	1.3	n/a	-0.9
	Mount Pleasant HS	212	n/a		162	n/a		181	n/a			
	Prov. Career & Tech. HS	n/a	n/a	n/a	125	3.2	1.6	115	2.6	1.5	n/a	-0.6
	Times2 Academy HS	32	21.9	7.3	40	17.5	6.0	24	16.7	7.6	-5.2	-0.8
	W. B. Cooley Senior HS	83	<1.0		121	2.5	1.4	97	2.1	1.4		-0.4
RI Nurses Institute	RI Nurses Institute HS	n/a	n/a	n/a	47	8.5	4.1	55	1.8	1.8	n/a	-6.7

District	School	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Difference: 2008-2015	% Prof. Difference: 2014-2015
RI Sch. for the Deaf	**All**	7			17	<1.0		7				
	RI Sch. for the Deaf ES	4			6			3				
	RI Sch. for the Deaf MS	1			3			3				
	RI Sch. for the Deaf HS	2			8			1				
Scituate	**All**	417	37.9	2.4	359	46.8	2.6	376	45.2	2.6	7.3	-1.6
	Clayville ES	47	61.7	7.1	21	66.7	10.3	25	88.0	6.5	26.3	21.3
	Hope ES	59	50.8	6.5	47	78.7	6.0	49	69.4	6.6	18.5	-9.3
	North Scituate ES	49	46.9	7.1	47	48.9	7.3	47	57.4	7.2	10.5	8.5
	Scituate MS	143	39.2	4.1	130	42.3	4.3	128	32.8	4.2	-6.3	-9.5
	Scituate HS	119	16.8	3.4	114	34.2	4.4	127	35.4	4.2	18.6	1.2
Segue Institute	Segue Inst. for Learning MS	n/a	n/a	n/a	70	11.4	3.8	77	14.3	4.0	n/a	2.9
Sheila Skip Nowell	**All**	n/a	n/a	n/a	19	<1.0		24	<1.0		n/a	
	Nowell Acad. I HS	n/a	n/a	n/a	11	<1.0		12	<1.0		n/a	
	Nowell Acad. II HS	n/a	n/a	n/a	8			12	<1.0		n/a	
Smithfield	**All**	648	43.2	1.9	500	49.8	2.2	584	48.5	2.1	5.2	-1.3
	Anna M. McCabe ES	61	45.9	6.4	43	72.1	6.8	50	72.0	6.3	26.1	-0.1
	Old County Road ES	41	61.0	7.6	45	71.1	6.8	46	52.2	7.4	-8.8	-18.9
	Raymond C. LaPerche ES	49	71.4	6.5	33	72.7	7.8	48	72.9	6.4	1.5	0.2
	William Winsor ES	45	62.2	7.2	48	72.9	6.4	49	49.0	7.1	-13.2	-23.9
	Vincent J. Gallagher MS	227	44.1	3.3	171	38.0	3.7	205	41.0	3.4	-3.1	3.0
	Smithfield Senior HS	223	28.7	3.0	160	38.8	3.9	184	43.5	3.7	14.8	4.7
South Kingstown	**All**	884	43.6	1.7	782	52.2	1.8	761	54.3	1.8	10.7	2.1
	Matunuck ES	59	57.6	6.4	59	71.2	5.9	46	69.6	6.8	11.9	-1.6
	Peace Dale ES	102	51.0	4.9	79	46.8	5.6	82	63.4	5.3	12.4	16.6
	Wakefield ES	46	45.7	7.3	55	74.5	5.9	47	80.9	5.7	35.2	6.3
	West Kingston ES	55	56.4	6.7	72	34.7	5.6	60	53.3	6.4	-3.0	18.6
	Curtis Corner MS	170	44.7	3.8	268	47.0	3.0	251	38.6	3.1	-6.1	-8.4
	South Kingstown HS	297	36.0	2.8	246	55.7	3.2	275	58.9	3.0	22.9	3.2
The Compass School	**All**	28	53.6	9.4	37	56.8	8.1	36	52.8	8.3	-0.8	-4.0
	The Compass School ES	17	70.6	11.1	19	84.2	8.4	19	78.9	9.4	8.4	-5.3
	The Compass School MS	11	27.3	13.4	18	27.8	10.6	17	23.5	10.3	-3.7	-4.2
The Greene School	The Greene School HS	n/a	n/a	n/a	38	44.7	8.1	37	40.5	8.1	n/a	-4.2
The Learning Community	**All**	40	22.5	6.6	118	24.6	4.0	122	28.7	4.1	6.2	4.1
	The Learning Comm. ES	40	22.5	6.6	63	42.9	6.2	63	52.4	6.3	29.9	9.5
	The Learning Comm. MS	n/a	n/a	n/a	55	3.6	2.5	59	3.4	2.4	n/a	-0.2
Tiverton	**All**	460	31.7	2.2	426	37.6	2.3	414	39.6	2.4	7.9	2.1
	Fort Barton ES	21	57.1	10.8	44	77.3	6.3	43	53.5	7.6	-3.7	-23.8
	Pocasset ES	61	37.7	6.2	43	41.9	7.5	42	42.9	7.6	5.2	1.0
	Walter E. Ranger ES	66	57.6	6.1	57	50.9	6.6	48	45.8	7.2	-11.7	-5.0
	Tiverton MS	158	16.5	2.9	154	29.2	3.7	136	30.9	4.0	14.4	1.7
	Tiverton HS	154	30.5	3.7	121	28.1	4.1	142	41.5	4.1	11.0	13.5
Trinity Academy	**All**	n/a	n/a	n/a	32	3.1	3.1	62	<1.0		n/a	
	Trinity Academy MS	n/a	n/a	n/a	32	3.1	3.1	35	<1.0		n/a	
	Trinity Academy HS	n/a	n/a	n/a	n/a	n/a	n/a	27	<1.0		n/a	n/a
Urban Collaborative	Urban Collaborative MS	56	<1.0		73	<1.0		89	<1.0			
Village Green Virtual	Village Green Virtual HS	n/a	n/a	n/a	n/a	n/a	n/a	48	10.4	4.4	n/a	n/a
Warwick	**All**	2539	24.1	.8	2114	26.5	1.0	2103	24.7	.9	0.5	-1.9
	Cedar Hill ES	48	58.3	7.1	76	63.2	5.5	47	46.8	7.3	-11.5	-16.3
	Cottrell F. Hoxsie ES	54	64.8	6.5	44	34.1	7.1	42	38.1	7.5	-26.7	4.0
	E. G. Robertson ES	31	48.4	9.0	48	33.3	6.8	45	40.0	7.3	-8.4	6.7
	Francis ES	46	41.3	7.3	46	47.8	7.4	44	43.2	7.5	1.9	-4.6
	Greenwood ES	42	61.9	7.5	41	36.6	7.5	46	45.7	7.3	-16.3	9.1
	Harold F. Scott ES	35	62.9	8.2	44	50.0	7.5	38	42.1	8.0	-20.8	-7.9
	Holliman ES	38	44.7	8.1	40	55.0	7.9	50	38.0	6.9	-6.7	-17.0
	John Wickes ES	50	26.0	6.2	53	30.2	6.3	53	30.2	6.3	4.2	0.0
	Lippitt ES	37	32.4	7.7	31	25.8	7.9	28	60.7	9.2	28.3	34.9
	Norwood ES	29	62.1	9.0	34	55.9	8.5	25	52.0	10.0	-10.1	-3.9
	Oakland Beach ES	57	26.3	5.8	45	22.2	6.2	48	29.2	6.6	2.9	6.9
	Park ES	34	38.2	8.3	45	55.6	7.4	39	38.5	7.8	0.2	-17.1

District	School	N 2008	% Prof. 2008	SE 2008	N 2014	% Prof. 2014	SE 2014	N 2015	% Prof. 2015	SE 2015	% Prof. Difference: 2008-2015	% Prof. Difference: 2014-2015
Warwick (continued)	Randall Holden ES	42	33.3	7.3	43	53.5	7.6	27	44.4	9.6	11.1	-9.0
	Sherman ES	61	26.2	5.6	60	38.3	6.3	50	34.0	6.7	7.8	-4.3
	Warwick Neck ES	41	56.1	7.8	39	46.2	8.0	54	46.3	6.8	-9.8	0.1
	Wyman ES	46	52.2	7.4	48	29.2	6.6	36	33.3	7.9	-18.8	4.2
	Aldrich MS	295	11.9	1.9	239	20.1	2.6	250	12.4	2.1	0.5	-7.7
	Gorton MS	270	13.3	2.1	229	15.7	2.4	225	12.9	2.2	-0.4	-2.8
	Winman MS	304	22.0	2.4	234	19.2	2.6	275	11.6	1.9	-10.4	-7.6
	Pilgrim HS	303	11.9	1.9	240	13.3	2.2	230	19.6	2.6	7.7	6.2
	Toll Gate HS	281	14.6	2.1	220	18.2	2.6	222	23.9	2.9	9.3	5.7
	Warwick Vets Memorial HS	249	15.3	2.3	202	21.8	2.9	218	26.1	3.0	10.9	4.4
West Warwick	**All**	773	17.7	1.4	669	20.8	1.6	703	16.9	1.4	-0.8	-3.8
	Greenbush ES	68	29.4	5.5	81	42.0	5.5	95	29.5	4.7	0.1	-12.5
	John F. Horgan ES	73	24.7	5.0	95	21.1	4.2	84	22.6	4.6	-2.0	1.6
	Wakefield Hills ES	69	23.2	5.1	59	42.4	6.4	71	28.2	5.3	5.0	-14.2
	John F. Deering MS	292	13.0	2.0	243	10.7	2.0	255	11.8	2.0	-1.2	1.1
	West Warwick Sr. HS	221	14.9	2.4	186	18.3	2.8	191	11.5	2.3	-3.4	-6.8
Westerly	**All**	779	31.1	1.7	683	37.0	1.8	641	45.9	2.0	14.8	8.8
	Bradford ES	27	81.5	7.5	27	51.9	9.6	19	57.9	11.3	-23.6	6.0
	Dunn's Corners ES	53	52.8	6.9	57	47.4	6.6	61	63.9	6.1	11.1	16.6
	Springbrook ES	37	51.4	8.2	66	50.0	6.2	64	42.2	6.2	-9.2	-7.8
	State Street ES	57	36.8	6.4	72	51.4	5.9	60	61.7	6.3	24.8	10.3
	Westerly MS	276	25.7	2.6	216	27.3	3.0	225	42.7	3.3	16.9	15.4
	Westerly HS	268	21.6	2.5	239	34.7	3.1	209	40.2	3.4	18.5	5.5
Woonsocket	**All**	1310	10.2	.8	1168	12.9	1.0	1141	14.7	1.0	4.5	1.8
	Bernon Heights ES	64	18.8	4.9	75	38.7	5.6	69	27.5	5.4	8.8	-11.1
	Citizens Memorial ES	116	6.9	2.4	130	9.2	2.5	119	8.4	2.5	1.5	-0.8
	Globe Park ES	69	47.8	6.0	75	17.3	4.4	72	15.3	4.2	-32.5	-2.1
	Harris ES	79	12.7	3.7	71	5.6	2.7	57	10.5	4.1	-2.1	4.9
	Kevin K. Coleman ES	119	19.3	3.6	44	15.9	5.5	55	7.3	3.5	-12.1	-8.6
	Leo A. Savoie ES	61	31.1	5.9	59	23.7	5.5	66	19.7	4.9	-11.5	-4.0
	Woonsocket MS	423	2.6	.8	351	6.0	1.3	365	9.3	1.5	6.7	3.3
	Woonsocket HS	359	5.0	1.2	342	14.9	1.9	324	21.6	2.3	16.6	6.7

Key

= Statistically significant *decrease* in total percent of students *proficient* or above

= Statistically significant *increase* in total percent of students *proficient* or above

= No statistically significant difference between comparison years

SE = Standard error (see Appendix B)

ES, MS, and HS = Elementary School, Middle School, and High School respectively

APPENDICES

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APPENDIX A

Glossary of Terms

"Minimum Cell Size" Reporting Policy

RIDE Policy on minimum cell size for reporting data stipulates that if the number of students is less than 10 for any group(s) or for any school- and district-level reporting or if a percentage is less than 1% or greater than 99%, then data must be suppressed in public reports to ensure confidentiality of individual student results and to discourage generalizations about school performance based on very small populations. Throughout this report, empty cells indicate that the number of students included in calculations was less than 10 or the percentage was less than 1% or greater than 99%.

NECAP Performance Level Descriptors

- ***Proficient with Distinction:*** Students performing at this level demonstrate the prerequisite knowledge and skills needed to participate and excel in instructional activities aligned with the GSEs at the current grade level. Errors made by these students are few and minor and do not reflect gaps in prerequisite knowledge and skills.

- ***Proficient:*** Students performing at this level demonstrate minor gaps in the prerequisite knowledge and skills needed to participate and perform successfully in instructional activities aligned with the GSE at the current grade level. It is likely that any gaps in prerequisite knowledge and skills demonstrated by these students can be addressed during the course of typical classroom instruction.

- ***Partially Proficient:*** Students performing at this level demonstrate gaps in prerequisite knowledge and skills needed to participate and perform successfully in instructional activities aligned with the GSE at the current grade level. Additional instructional support may be necessary for these students to meet grade level expectations.

- ***Substantially Below Proficient:*** Students performing at this level demonstrate extensive and significant gaps in prerequisite knowledge and skills needed to participate and perform successfully in instructional activities aligned with the GSE at the current grade level. Additional instructional support is necessary for these students to meet grade level expectations.

APPENDIX B

Calculating Standard Error (SE)

For the purposes of this report, *Standard Error* (SE) is defined as a measurement of the standard error of a percentage (e.g., *% Proficient*, used throughout this report). Mathematically, SE's were calculated as follows:

(SE) = $\sqrt{(\frac{pq}{N})}$, where *p* is the percent of students who are proficient, *q*= (100-*p*) and N is the population or group size.

It is important to note that the derived SE is based on the size of the group being examined and its respective performance (read*: % Proficient*) on the NECAP tests. Standard errors can be used to create a confidence interval around the derived percentage so that you can see the range in which the "true" (e.g., measured without error) value is located. To do so, you can take the SE and multiply it by 1.96 (for a 95% confidence interval). The resultant product is then added and subtracted from the percent proficient, *p*, for example, to create a range of values in which you can be 95% confident that the "true" value is located. For example, viewing the percent proficient (*p*) as the center point, if one adds the value of SE(1.96) to *p* and also subtracts this value from *p*, then the full confidence interval is created with both an upper and lower boundary. So, if *p* equals 70% and the SE equals .5, then the product of SE and 1.96 equals .5(1.96) or .965 Adding and subtracting this number from 70% creates the confidence interval, which ranges from 69.04% to 70.97%. This is the range in which one can be 95% confident that the "true" value exists.

When comparing the performance of any two years or groups, we say that the difference in performance between the groups is *statistically significant* if the difference in performance between the two groups is <u>larger</u> than the sum of the SE's of the two groups. In other words, if the sum of the two SE's—each multiplied by 1.96 to get the 95% confidence interval—is larger than the value of the difference in performance between the two groups, then we say the difference is too small to be significant or meaningful because the difference doesn't fall outside of the range of plausible "true" values. To illustrate this point, let's say that 60% of 4th grade students at *School X* were proficient or above in science in 2013 and the following year in 2014, 66% of 4th grade students were proficient or above, thus resulting in an increase of +6 percentage points. If the sum of the 2013 SE(1.96) and the 2014 SE(1.96) is 6.5, then the change from 2013 to 2014 in 4th grade reading performance of +6 percentage points at *School X* is <u>not</u> large enough to be considered statistically significant. On the other hand, if 67% of 4th graders in 2014 were proficient or above, then the +7 percentage point increase in performance would be <u>larger</u> than the standard error of 6.5 and this difference would be statistically significant.