

Rhode Island Achievement Test Proficiencies:

How Would Kent and Washington County Schools Do on Nation's Report Card?

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We use a reasonably accurate mapping method to convert state reported proficiencies in math and reading to the same scale used by the Nation's Report Card. The curves shown in the graphs below allow one to take a state reported proficiency on the horizontal scale and read off the estimated result had the same group taken the NAEP or Nation's Report Card examination.

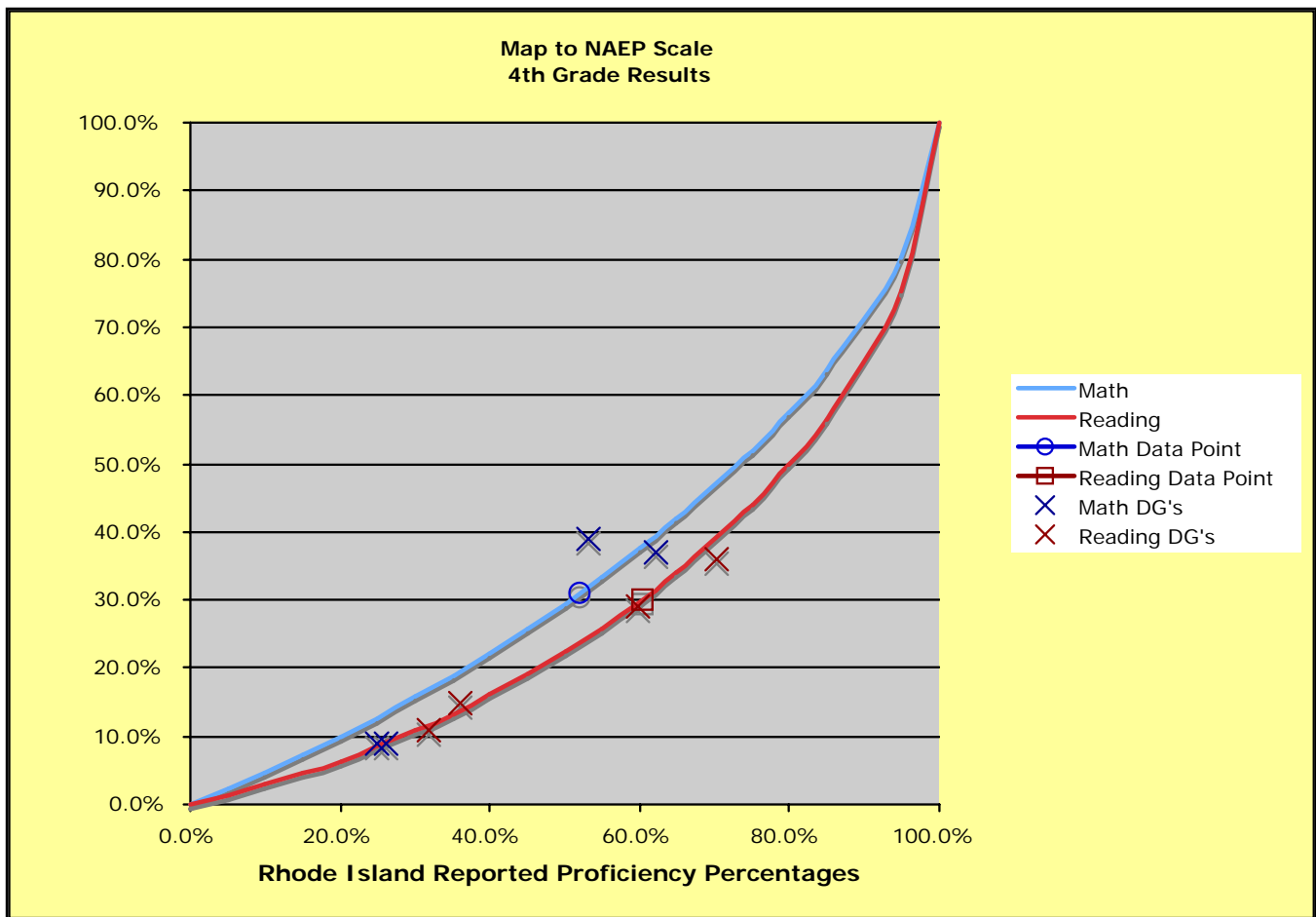


Figure 1. The interpolation curves or mapping curves allow one to convert the inflated proficiencies reported by the state (horizontal axis) to proficiencies consistent with the Nations Report Card- also known as the NAEP (National Assessment of Educational Progress). The X markers show the results for demographic groups (DG's) and give one an idea of our method's accuracy.

We have similar curves for 8th grade as follows:

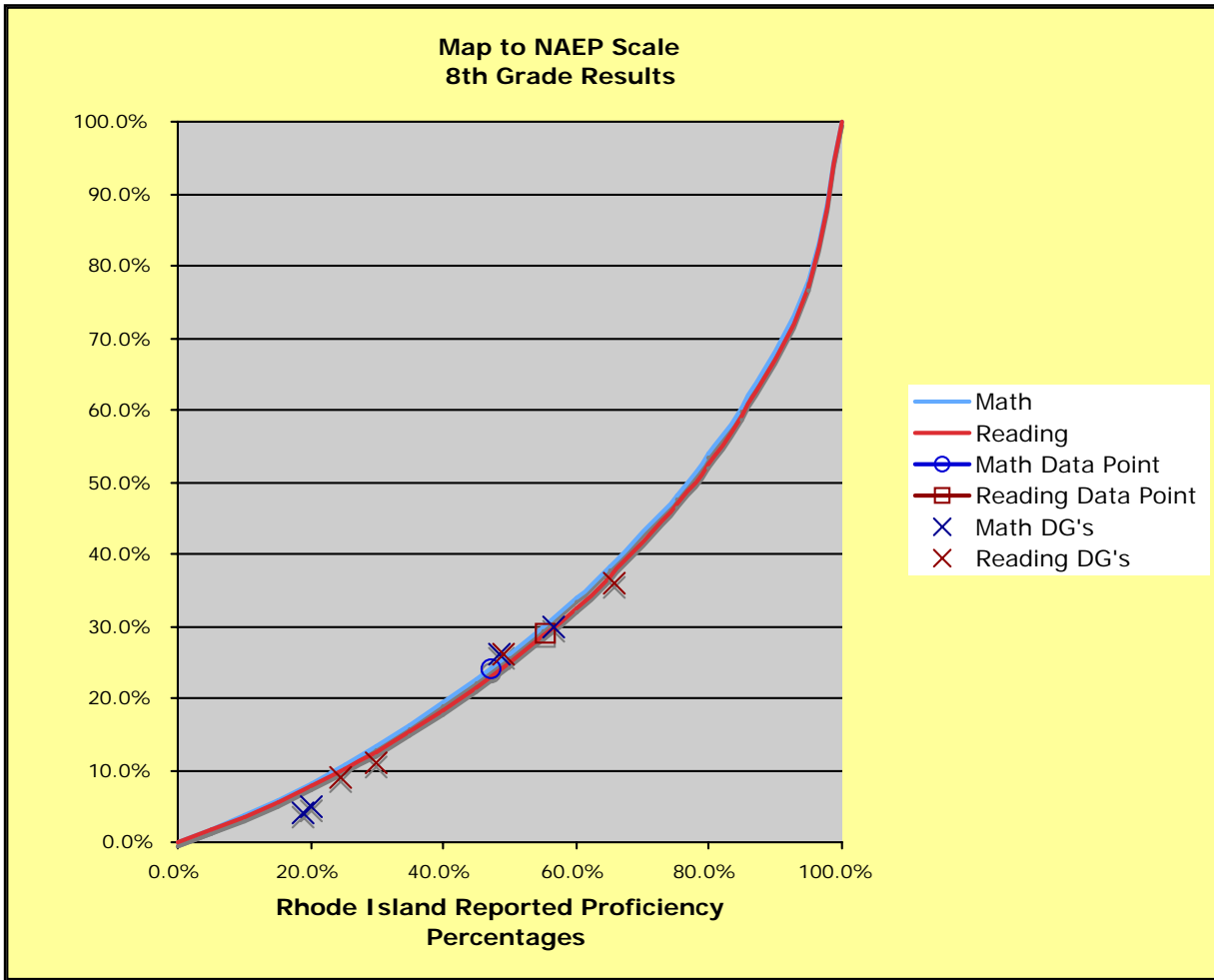


Figure 2. Unlike 4th grade where the reading proficiencies were the most inflated, here the inflation for reading and mathematics are approximately equal.

The mapping for high school examinations is not quite as accurate as for 4th and 8th grades, but we believe it is sufficiently accurate for our purposes.

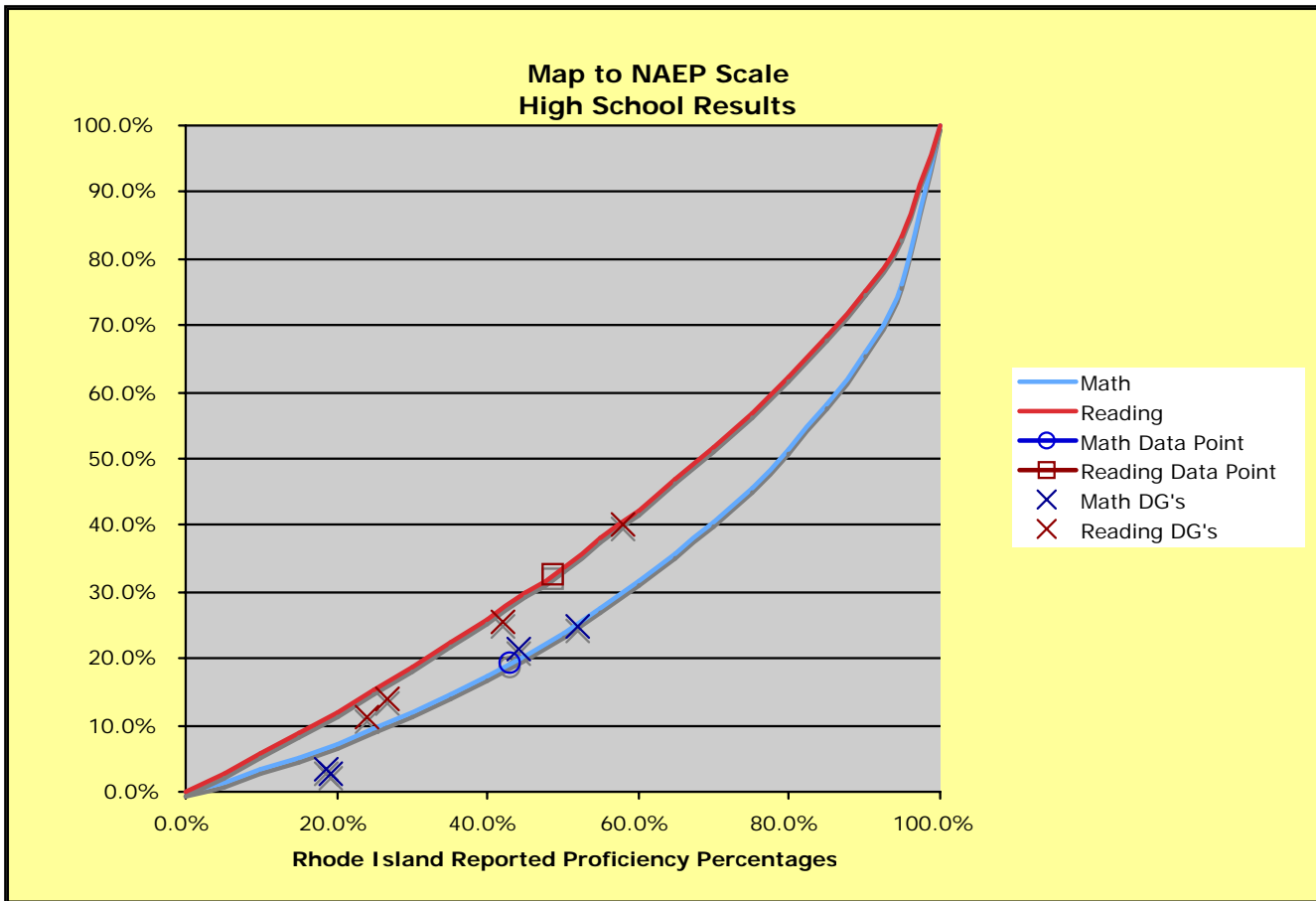


Figure 3. Here the NAEP scores are adjusted to reflect 11th grade because the state's scores are for 11th grade.

This is a preliminary report

Readers should be aware that the author has not, at the time of this writing, analyzed the data or its mappings as they pertain to the individual public schools in Kent and Washington counties. For a more extensive discussion about Rhode Island schools please review the report GrtrPvdProfNums.doc available as a download file at: <http://www.asoraeducation.com/page35/page40/page40.html>. Unlike this report that one does not present school level NAEP estimates for 4th and 8th grades. It does provide school level estimates for high schools. That report covers all school districts in Rhode Island as well as the ones in nearby Bristol County, Massachusetts. That report contains fairly extensive discussions about achievement test inflation and about its principal cause: social promotion.

This report also lacks the appropriate references, citations, and justifications that a final draft would include.

Tabulated Results for Kent/Washington County Schools at 4th Grade Level

Number	District	Tested Group	Year of testing=		2006		2005		NAEP Consistent ELQ 4th Math Inflation PP	NAEP Consistent ELQ 4th Reading Inflation PP	NAEP 4th Grade Consistent ELQ Proficient in Both
			2006	2005	State Test: 4th Math Proficiency Percentage	NAEP Test: Statewide 4th Math Proficiency Percentage	State Test: 4th Reading Proficiency Percentage	NAEP Test: Statewide 4th Reading Proficiency Percentage			
1	RI	StateWide	52.1%	31.0%	60.3%	30.0%	31.0%	30.0%	30.0%	30.0%	
2	RI	White Demographic Group	62.1%	37.0%	70.3%	36.0%	39.3%	39.0%	39.0%	39.0%	
3	RI	Black Demographic Group	25.0%	9.0%	35.9%	15.0%	12.7%	13.8%	12.7%	12.7%	
4	RI	Hispanic Demographic Group	26.0%	9.0%	31.9%	11.0%	13.3%	11.7%	11.7%	11.7%	
5	RI	Asian Etc. Demographic Group	53.2%	39.0%	59.9%	29.0%	31.9%	29.7%	29.7%	29.7%	
6	RI	Female	51.6%	29.0%	65.8%	34.0%	30.6%	34.7%	30.6%	30.6%	
7	RI	Male	53.0%	32.0%	55.7%	26.0%	31.7%	26.4%	26.4%	26.4%	
8	West Warwick	Greenbush Elementary School	33.3%	NA	61.2%	NA	17.8%	30.7%	17.8%	17.8%	
9	West Warwick	Maise E Quinn School	34.4%	NA	43.8%	NA	18.5%	18.3%	18.3%	18.3%	
10	West Warwick	John F. Horgan Elementary School	38.2%	NA	47.1%	NA	21.0%	20.4%	20.4%	20.4%	
11	Coventry	Oak Haven School	43.6%	NA	61.5%	NA	24.7%	31.0%	24.7%	24.7%	
12	Westerly	State Street School	45.2%	NA	67.7%	NA	25.8%	36.5%	25.8%	25.8%	
13	Charlho	Charlestown Elementary School	63.6%	NA	59.1%	NA	40.6%	29.0%	29.0%	29.0%	
14	Coventry	Washington Oak School	51.0%	NA	62.2%	NA	30.1%	31.6%	30.1%	30.1%	
15	South Kingstown	Peace Dale School	63.6%	NA	62.5%	NA	40.6%	31.8%	31.8%	31.8%	
16	Westerly	Dunn's Corners School	64.4%	NA	62.7%	NA	41.4%	32.0%	32.0%	32.0%	
17	Coventry	Hopkins Hill Elementary School	60.0%	NA	63.3%	NA	37.5%	32.5%	32.5%	32.5%	
18	Westerly	Bradford Elementary School	54.5%	NA	77.3%	NA	32.9%	46.5%	32.9%	32.9%	
19	Westerly	Springbrook Elementary School	55.6%	NA	68.9%	NA	33.8%	37.6%	33.8%	33.8%	
20	West Warwick	Wakefield Hills Elementary School	60.3%	NA	65.4%	NA	37.7%	34.4%	34.4%	34.4%	
21	New Shoreham	Block Island School	57.1%	NA	100.0%	NA	35.0%	100.0%	35.0%	35.0%	
22	North Kingstown	Quidnessett School	59.6%	NA	66.4%	NA	37.1%	35.3%	35.3%	35.3%	
23	Coventry	Western Coventry Elementary School	78.9%	NA	67.6%	NA	56.2%	36.4%	36.4%	36.4%	
24	Coventry	Blackrock Elementary School	69.0%	NA	67.6%	NA	45.7%	36.4%	36.4%	36.4%	
25	Charlho	Ashaway Elementary School	60.8%	NA	78.4%	NA	38.2%	47.8%	38.2%	38.2%	
26	Westerly	Tower Street School	62.2%	NA	71.1%	NA	39.4%	39.8%	39.4%	39.4%	
27	Charlho	Richmond Elementary School	65.0%	NA	72.8%	NA	41.9%	41.5%	41.5%	41.5%	
28	South Kingstown	West Kingston Elementary School	65.6%	NA	75.4%	NA	42.5%	44.3%	42.5%	42.5%	
29	Narragansett	Narragansett Elementary School	65.6%	NA	81.1%	NA	42.5%	51.2%	42.5%	42.5%	
30	Exeter-West Greenwich	Metcalf Elementary School	68.3%	NA	74.5%	NA	45.0%	43.3%	43.3%	43.3%	
31	Coventry	Tiogou School	69.7%	NA	87.9%	NA	46.4%	61.0%	46.4%	46.4%	
32	East Greenwich	James H. Eldredge School	79.3%	NA	82.0%	NA	56.6%	52.3%	52.3%	52.3%	
33	South Kingstown	Wakefield School	77.1%	NA	83.3%	NA	54.1%	54.1%	54.1%	54.1%	
34	Charlho	Hope Valley Elementary School	77.1%	NA	89.6%	NA	54.1%	63.9%	54.1%	54.1%	
35	North Kingstown	Hamilton School	78.8%	NA	87.0%	NA	56.1%	59.5%	56.1%	56.1%	
36	South Kingstown	Matunuck School	82.7%	NA	90.4%	NA	60.8%	65.3%	60.8%	60.8%	
37	East Greenwich	George Hanaford Elementary School	87.6%	NA	91.0%	NA	67.4%	66.5%	66.5%	66.5%	

Tabulated Results for Kent/Washington County Schools at 8th Grade Level

Number	District	Tested Group	Year of testing=		2006		2005		NAEP Consistent ELQ 8th Math Inflation PP	NAEP Consistent ELQ 8th Reading Inflation PP	NAEP 8th Grade Consistent ELQ Proficient in Both
			2006	2005	State Test: 8th Math Proficiency Percentage	NAEP Test: Statewide 8th Math Proficiency Percentage	State Test: 8th Reading Proficiency Percentage	NAEP Test: Statewide 8th Reading Proficiency Percentage			
1	RI	StateWide	47.1%	24.0%	55.5%	29.0%	24.0%	29.0%	24.0%	24.0%	
2	RI	White Demographic Group	56.6%	30.0%	65.7%	36.0%	31.1%	37.6%	31.1%	31.1%	
3	RI	Black Demographic Group	20.2%	5.0%	29.8%	11.0%	8.3%	12.5%	8.3%	8.3%	
4	RI	Hispanic Demographic Group	19.0%	4.0%	24.6%	9.0%	7.8%	9.9%	7.8%	7.8%	
5	RI	Asian Etc. Demographic Group	48.5%	26.0%	49.1%	26.0%	25.0%	24.3%	24.3%	24.3%	
6	RI	Female	46.9%	23.0%	60.7%	33.0%	23.9%	33.2%	23.9%	23.9%	
7	RI	Male	47.8%	24.0%	51.2%	26.0%	24.5%	25.8%	24.5%	24.5%	
8	Westerly	Babcock Middle School	47.7%	NA	59.5%	NA	24.4%	32.2%	24.4%	24.4%	
9	West Warwick	John Deering Middle School	50.9%	NA	56.2%	NA	26.7%	29.5%	26.7%	26.7%	
10	Charlho	Charlho Regional Middle School	55.4%	NA	58.8%	NA	30.1%	31.6%	30.1%	30.1%	
11	North Kingstown	Davisville Middle School	59.4%	NA	71.6%	NA	33.3%	43.2%	33.3%	33.3%	
12	Coventry	Flat River Middle School	60.3%	NA	75.7%	NA	34.1%	47.6%	34.1%	34.1%	
13	Exeter-West Greenwich	Exeter West Greenwich Regional Jr. High Sch	63.8%	NA	72.0%	NA	37.1%	43.6%	37.1%	37.1%	
14	North Kingstown	Wickford Middle School	65.9%	NA	77.5%	NA	39.0%	49.6%	39.0%	39.0%	
15	South Kingstown	Curtis Corner Middle School	71.3%	NA	77.6%	NA	44.2%	49.7%	44.2%	44.2%	
16	South Kingstown	Broad Rock Middle School	72.7%	NA	75.6%	NA	45.6%	47.5%	45.6%	45.6%	
17	Narragansett	Naragansett Pier School	75.4%	NA	81.3%	NA	48.5%	54.2%	48.5%	48.5%	
18	East Greenwich	Archie Cole Junior High School	84.0%	NA	87.3%	NA	59.0%	62.6%	59.0%	59.0%	

Tabulated Results for Kent/Washington County Schools at 11th Grade Level

			Source	Source	Source	Source			
			SchoolMatters	SchoolMatters	SchoolMatters	SchoolMatters			
			2006	2005	2006	2005			
Year of testing=			State Test: Math Proficiency Percentage	NAEP Test: Estimate Math Proficiency Percentage	State Test: Reading Proficiency Percentage	NAEP Test: Estimated Reading Proficiency Percentage	NAEP Consistent ELQ Math Inflation PP	NAEP Consistent ELQ Reading Inflation PP	NAEP Consistent Proficient in Both
Number	District	High School							
1	RI	StateWide	43.0%	19.3%	48.7%	32.8%	19.3%	32.8%	19.3%
2	RI	White Demographic Group	52.1%	24.9%	58.0%	40.3%	25.4%	40.5%	25.4%
3	RI	Black Demographic Group	18.5%	3.5%	26.6%	14.1%	6.6%	16.4%	6.6%
4	RI	Hispanic Demographic Group	19.3%	2.8%	24.0%	11.2%	6.9%	14.7%	6.9%
5	RI	Asian Etc. Demographic Group	44.0%	21.3%	42.0%	25.4%	19.9%	27.5%	19.9%
6	Warwick	Warwick Veterans High School	41.1%	NA	45.6%	NA	18.1%	30.3%	18.1%
7	West Warwick	West Warwick High School	42.0%	NA	46.4%	NA	18.7%	30.9%	18.7%
8	Warwick	Pilgrim High School	46.5%	NA	50.4%	NA	21.6%	34.1%	21.6%
9	Newport	Rogers High School	46.7%	NA	47.8%	NA	21.7%	32.0%	21.7%
10	Westerly	Westerly High School	51.5%	NA	60.1%	NA	25.0%	42.4%	25.0%
11	Warwick	Toll Gate High School	53.1%	NA	49.2%	NA	26.2%	33.2%	26.2%
12	Narragansett	Narragansett High School	54.1%	NA	64.0%	NA	26.9%	45.9%	26.9%
13	Coventry	Coventry High School	54.7%	NA	57.0%	NA	27.4%	39.7%	27.4%
14	Exeter-West Gree	Exeter-West Greenwich Regional High Scho	56.8%	NA	57.7%	NA	29.0%	40.3%	29.0%
15	South Kingstown	South Kingstown High School	58.6%	NA	64.7%	NA	30.4%	46.6%	30.4%
16	Charlho	Charlho High School	59.0%	NA	57.3%	NA	30.7%	39.9%	30.7%
17	East Greenwich	East Greenwich High School	66.1%	NA	71.1%	NA	36.8%	52.8%	36.8%
18	North Kingstown	North Kingstown Senior High School	69.0%	NA	75.6%	NA	39.5%	57.4%	39.5%

In all of these tables the rightmost column contains the essential “bottom line” proficiency percentage, which is the same as the percent of students at or above grade level.