



A. J. Whittenberg Elementary School of Engineering

420 Westfield Street
Greenville, SC 29601

Grades	PK-5 Elementary School	
Enrollment	517 Students	
Principal	Dr. Megan Mitchell-Hoefer	864-452-0500
Superintendent	Mr. Burke Royster	864-355-3100
Board Chair	Mr. Chuck Saylor	803-360-3527

THE STATE OF SOUTH CAROLINA 2014 ANNUAL SCHOOL REPORT CARD

RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2014	Excellent	Excellent
2013	Excellent	Good
2012	Excellent	N/A
2011	N/A	N/A
2010	N/A	N/A

DEFINITIONS OF SCHOOL RATING TERMS

- Excellent - School performance substantially exceeds the standards for progress toward the 2020 SC Performance Vision
- Good - School performance exceeds the standards for progress toward the 2020 SC Performance Vision
- Average - School performance meets the standards for progress toward the 2020 SC Performance Vision
- Below Average - School is in jeopardy of not meeting the standards for progress toward the 2020 SC Performance Vision
- At-Risk - School performance fails to meet the standards for progress toward the 2020 SC Performance Vision

SOUTH CAROLINA PERFORMANCE VISION

By 2020 all students will graduate with the knowledge and skills necessary to compete successfully in the global economy, participate in a democratic society and contribute positively as members of families and communities.

<http://ed.sc.gov>
<http://www.eoc.sc.gov>

Percent of Student SC PASS Records Matched for Purpose of Computing Growth Rating

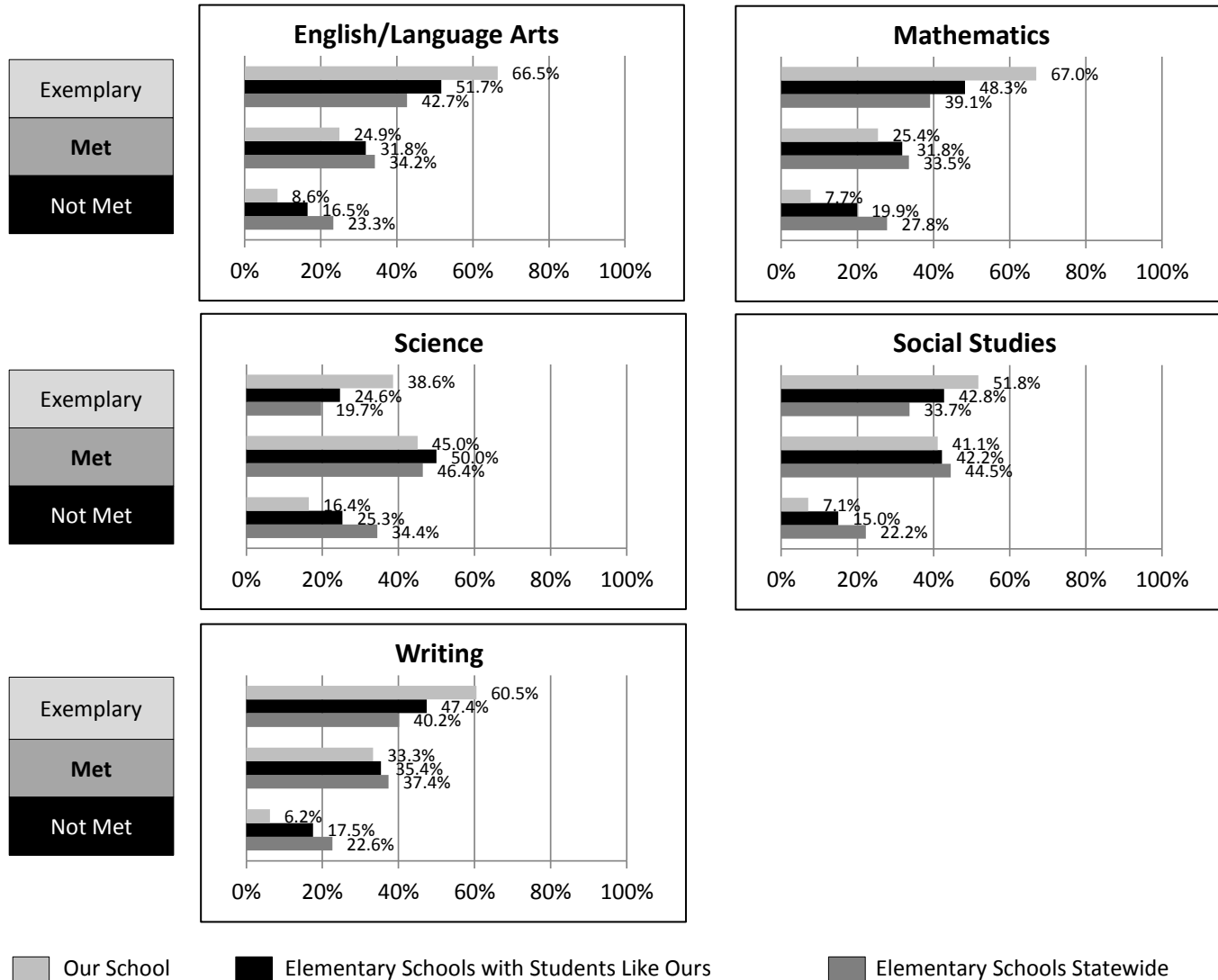
Percent of students tested in 2013-14 whose 2012-13 test scores were located

98.6%

ABSOLUTE RATINGS OF ELEMENTARY SCHOOLS WITH STUDENTS LIKE OURS*

Excellent	Good	Average	Below Average	At-Risk
45	25	6	1	0

* Ratings are calculated with data available by 04/27/2015.

South Carolina Palmetto Assessment of State Standards (SC PASS)

* Elementary Schools with Students Like Ours are elementary schools with poverty indices of no more than 5% above or below the index for the school.

Definition of Critical Terms

Exemplary	"Exemplary" means student demonstrated exemplary performance in meeting the grade level standard.
Met	"Met" means student met the grade level standard.
Not Met	"Not Met" means that the student did not meet the grade level standard.

Abbreviations for Missing Data

N/A-Not Applicable

N/AV-Not Available

N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

School Profile

	Our School	Change from Last Year	Elementary Schools with Students Like Ours	Median Elementary School
Students (n = 517)				
1st graders who attended full-day kindergarten	95.5%	Up from 92.9%	100.0%	100.0%
Retention Rate	3.2%	Up from 3.0%	0.5%	1.0%
Attendance Rate	97.6%	Up from 97.1%	96.7%	96.5%
Served by gifted and talented program	15.5%	Up from 11.1%	10.1%	7.3%
With disabilities	9.4%	Down from 11.5%	11.3%	12.5%
Older than usual for grade	2.4%	Down from 2.9%	1.3%	1.8%
Out-of-school suspensions or expulsions for violent and/or criminal offenses	0.0%	No change	0.0%	0.0%
Teachers (n = 30)				
Teachers with advanced degrees	63.3%	Down from 71.4%	63.3%	62.3%
Continuing contract teachers	73.3%	Down from 78.6%	82.4%	81.2%
Teachers returning from previous year	82.5%	N/A	89.1%	88.4%
Teacher attendance rate	95.5%	Down from 97.1%	95.4%	95.3%
Average teacher salary*	\$46,145	Down 4.1%	\$49,723	\$47,902
Professional development days/teacher	13.4 days	Up from 11.2 days	11.1 days	10.9 days
School				
Principal's years at school	4.0	Up from 3.0	5.0	4.0
Student-teacher ratio in core subjects	20.7 to 1	Up from 17.7 to 1	20.3 to 1	19.9 to 1
Prime instructional time	92.1%	Down from 94.0%	91.5%	90.7%
Opportunities in the arts	Good	No change	Good	Good
SACS accreditation	Yes	No change	Yes	Yes
Parents attending conferences	100.0%	No change	100.0%	100.0%
Character development program	Excellent	No change	Excellent	Excellent
Dollars spent per pupil**	\$7,813	Up 11.6%	\$7,044	\$7,680
Percent of expenditures for instruction**	55.7%	Up from 55.0%	68.3%	66.8%
Percent of expenditures for teacher salaries**	54.9%	Down from 55.0%	67.3%	66.0%

* Includes current year teachers contracted for 185 or more days.

** Prior year audited financial data are reported.

Report of Principal and School Improvement Council

A.J. Whittenberg Elementary School of Engineering continues its record of receiving top academic ratings at all levels. The school once again received an “A” ranking on the Federal Accountability (ESEA) report card required by the U. S. government to assure education quality. It received a Palmetto Gold award for achievement and an “Excellent” ranking on the South Carolina Department of Education report card. The report included results of the Palmetto Assessment of State Standards (PASS) testing taken by AJW third, fourth and fifth graders. Ninety-three percent of students received a rating of “Met or Exemplary” in English and Language Arts (ELA), and eighty-six percent received a rating of “Met or Exemplary” in Math. ☐

☐

As the first elementary school in South Carolina with a school-wide engineering curriculum beginning in pre-kindergarten (4K), students have many opportunities available to them. Each month, a major company hosts an “eWeek,” engaging students in various hands-on activities related to their engineering specialty. ☐

☐

A.J. Whittenberg Elementary first opened in fall 2010 with 4K through second grade and has added one grade each year. This academic year marks the first time that AJW has been complete, with its first fifth grade class. This year has seen many other “firsts” at the school as well.

☐

- AJW’s program director and several student ambassadors presented to an audience of South American officials and business leaders from 19 countries as part of the America’s Competitiveness Exchange on Innovation and Entrepreneurship organized through the U.S. Department of Commerce. ☐

☐

- AJW hosted its first “Engineering Showcase” as part of National Engineering Week. The showcase invited business and community leaders to learn about student engineering projects and experience the school’s technology in action.

☐

- One of AJW’s FIRST Lego Robotics teams, the “Agents of Fury,” won a Golden Ticket at their regional qualifier and advanced to the State Championship for the first time in school history. The teams of fourth and fifth graders compete against middle and high school teams.☐

☐

- The Innovate! afterschool intervention program received additional grants to expand the program to serve more children and move to three days per week. After a full academic year in the program, student math scores improved by an average of 59 percent while ELA scores jumped an impressive 121 percent! ☐

☐

- A.J. Whittenberg young engineers worked with one of their major engineering partners to create a float for the Greenville Poinsett Christmas Parade. The float’s theme, “Engineering A Brighter Greenville,” marked the first time an elementary school had hosted a parade float. ☐

☐

- The school worked with PTA to secure private grants to fund an expansive Backpack Buddies program through Harvest Hope Food Bank. The program delivers backpacks of food each week for children living in poverty. ☐

☐

- AJW was certified by LiveWell Greenville as a “Healthy Living” school for 2013-14, recognizing the school-wide commitment to healthy menu options, daily physical activity and non-food treats for birthdays and other celebrations. LiveWell Greenville particularly recognized AJW’s healthy living activities that engage not only students but staff, parents and families as well. ☐

☐

This amazing success is the result of hard work by our students, staff, administration and all of our parents and community partners. We all have something to celebrate!☐

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	12	35	14
Percent satisfied with learning environment	91.7%	94.3%	100.0%
Percent satisfied with social and physical environment	100.0%	96.8%	92.3%
Percent satisfied with school-home relations	100.0%	88.2%	78.5%

* Only students at the highest elementary school grade level and their parents were included.

Abbreviations for Missing Data

N/A-Not Applicable

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N/R-Not Reported

I/S-Insufficient Sample

ESEA/Federal Accountability Rating System

In July 2013, the South Carolina Department of Education was granted a waiver from several accountability requirements of the Federal Elementary and Secondary Education Act (ESEA). This waiver allowed SC to replace the former pass/fail system with one that utilizes more of the statewide assessments already in place and combine these subject area results with graduation rate (in high schools) to determine if each school met the target or made progress toward the target. This analysis results in a letter grade for the school rather than the pass/fail system of previous years. For a detailed review of the matrix for each school and districts that determined the letter grade, please use the following link: <http://ed.sc.gov/data/esea/> or request this information from your child's district or school.

Overall Weighted Points Total	99.7
Overall Grade Conversion	A

Index Score	Grade	Description
90-100	A	Performance substantially exceeds the state's expectations.
80-89.9	B	Performance exceeds the state's expectations.
70-79.9	C	Performance meets the state's expectations.
60-69.9	D	Performance does not meet the state's expectations.
Less than 60	F	Performance is substantially below the states' expectations.

Accountability Indicator (Title I Schools)

A. J. Whittenberg Elementary School of Engineering has been designated as a:

	Title I Reward School for Performance - among the highest performing Title I schools in a given year.
	Title I Reward School for Progress - one of the schools with substantial progress in school subgroups.
	Title I Focus School - one of the schools with the highest average performance gap between subgroups.
	Title I Priority School - one of the 5% lowest performing Title I schools.
	Title I School - does not qualify as Reward, Focus or Priority School.
X	Non-Title I School - therefore the designations above are not applicable.

Teacher Quality and Student Attendance

	Our District	State	
Classes in low poverty schools not taught by highly qualified teachers	1.2	3.2%	
Classes in high poverty schools not taught by highly qualified teachers	2.8	7.3%	
	Our School	State Objective	Met State Objective
Classes not taught by highly qualified teachers	0.0%	0.0%	Yes
Student attendance rate	97.6%	94.0%*	Yes
			State
Professional qualifications of all elementary and secondary teachers in the State (Advanced Degrees)			61.9%
Percentage of all elementary and secondary teachers in the State with emergency or provisional credentials			0.0%

* Or greater than last year

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SC PASS Performance By Group - ESEA/Federal Accountability

Subgroups	ELA Mean	Math Mean	Science Mean	Social Studies Mean*	ELA % Tested	Math % Tested	Science % Tested
Grades 3-5							
All Students	671.6	682.3	654.7	667.4	99.5	99.5	99.3
Male	668.6	682.5	656.6	670.5	99.2	99.2	98.9
Female	676.0	682.0	651.8	663.0	100.0	100.0	100.0
White	694.1	710.6	681.1	691.1	100.0	100.0	100.0
African American	649.3	653.9	621.3	648.1	99.0	99.0	98.5
Asian/Pacific Islander	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	N/A	N/A	N/A	N/A	N/A	N/A	N/A
American Indian/Alaskan Native	N/A	N/A	N/A	N/A	N/A	N/A	N/A
With Disabilities	N/A	N/A	N/A	N/A	96.7	96.7	N/A
Limited English Proficient	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subsidized Meals	649.0	654.5	627.2	650.6	99.1	99.1	98.6
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	640.0	640.0	640.0	640.0	95.0	95.0	95.0

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

N/A-Not Applicable

N/AV-Not Available

Abbreviations for Missing Data

N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

Two Year Elementary and Middle School Grades Trend Data

	Grade	SCPASS ELA			SCPASS Math		
		N	Mean	% Tested	N	Mean	% Tested
2013	3	80	673.2	100.0	80	642.6	100.0
	4	72	663.2	100.0	72	674.8	100.0
	5	N/A	N/A	N/AV	N/A	N/A	N/AV
	6	N/A	N/A	N/AV	N/A	N/A	N/AV
	7	N/A	N/A	N/AV	N/A	N/A	N/AV
	8	N/A	N/A	N/AV	N/A	N/A	N/AV
		SCPASS Science			SCPASS Social Studies*/History		
		N	Mean	% Tested	N	Mean	% Tested
	3	41	636.4	100.0	39	644.6	100.0
	4	72	654.3	100.0	72	690.1	100.0
	5	N/A	N/A	N/AV	N/A	N/A	N/AV
	6	N/A	N/A	N/AV	N/A	N/A	N/AV
	7	N/A	N/A	N/AV	N/A	N/A	N/AV
	8	N/A	N/A	N/AV	N/A	N/A	N/AV

	Grade	SCPASS ELA			SCPASS Math		
		N	Mean	% Tested	N	Mean	% Tested
2014	3	73	694.6	100.0	73	669.8	100.0
	4	76	653.3	98.7	76	665.1	98.7
	5	66	665.7	100.0	66	715.6	100.0
	6	N/A	N/A	N/A	N/A	N/A	N/A
	7	N/A	N/A	N/A	N/A	N/A	N/A
	8	N/A	N/A	N/A	N/A	N/A	N/A
		SCPASS Science			SCPASS Social Studies*/History		
		N	Mean	% Tested	N	Mean	% Tested
	3	36	659.9	100.0	37	685.5	100.0
	4	76	640.5	98.7	76	658.5	98.7
	5	33	680.3	100.0	33	666.5	100.0
	6	N/A	N/A	N/A	N/A	N/A	N/A
	7	N/A	N/A	N/A	N/A	N/A	N/A
	8	N/A	N/A	N/A	N/A	N/A	N/A

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

NOTE: Results include the SC-ALT test.

Abbreviations for Missing Data

N/A-Not Applicable

N/AV-Not Available

N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

Performance by Group - ESEA/Federal Accountability (District)							4/27/2015	2301119
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Subgroups	ELA Mean	Math Mean	Science Mean	Soc Studies*/ History Mean	ELA % Tested	Math % Tested	Science % Tested	Graduation Rate
Grades 3 - 5								
All Students	653.2	656.8	635.5	654.3	100.0	100.0	99.9	N/A
Male	648.2	656.6	636.6	655.4	100.0	100.0	99.9	N/A
Female	658.6	657.0	634.3	653.2	100.0	100.0	99.9	N/A
White	667.1	672.0	650.8	665.7	100.0	100.0	99.9	N/A
African American	627.0	624.4	607.2	631.6	100.0	100.0	99.9	N/A
Asian/Pacific Islander	682.1	699.7	661.2	682.9	100.0	100.0	100.0	N/A
Hispanic	635.0	640.4	616.0	640.4	100.0	100.0	100.0	N/A
American Indian/Alaskan	658.7	663.3	638.6	662.8	100.0	100.0	100.0	N/A
With Disabilities	605.9	602.3	592.0	615.3	99.9	99.9	99.8	N/A
Limited English Proficient	638.0	648.1	620.5	642.9	100.0	100.0	100.0	N/A
Subsidized Meals	632.4	632.1	614.4	634.8	100.0	100.0	99.9	N/A
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	640.0	640.0	640.0	640.0	95.0	95.0	95.0	N/A
Grades 6 - 8								
All Students	634.8	639.1	642.2	645.5	99.9	100.0	99.9	N/A
Male	627.4	637.8	642.8	648.2	99.9	100.0	99.8	N/A
Female	642.5	640.6	641.5	642.7	100.0	100.0	99.9	N/A
White	649.3	653.0	658.7	658.8	100.0	100.0	99.9	N/A
African American	607.1	609.2	609.1	618.1	99.9	99.9	99.8	N/A
Asian/Pacific Islander	664.5	687.8	680.0	682.8	100.0	100.0	100.0	N/A
Hispanic	615.9	623.3	623.3	629.6	100.0	100.0	99.9	N/A
American Indian/Alaskan	641.9	643.7	645.0	657.3	100.0	100.0	100.0	N/A
With Disabilities	576.3	584.3	585.8	593.5	99.8	99.8	99.7	N/A
Limited English Proficient	615.6	626.9	624.2	632.1	99.9	100.0	99.9	N/A
Subsidized Meals	612.4	616.2	617.8	622.9	99.9	99.9	99.8	N/A
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	632.0	632.0	632.0	632.0	95.0	95.0	95.0	N/A
Grades 9 - 12								
All Students	233.8	226.3	84.8	78.0	99.7	99.6	100.0	82.5
Male	229.9	226.4	85.0	78.9	99.6	99.4	100.0	78.6
Female	237.8	226.2	84.5	77.1	99.7	99.8	100.0	86.7
White	239.4	233.0	88.2	80.6	99.7	99.7	100.0	86.5
African American	221.9	210.7	77.4	72.3	99.6	99.4	100.0	74.1
Asian/Pacific Islander	245.0	249.9	91.3	83.5	100.0	100.0	100.0	93.2
Hispanic	226.4	218.8	79.5	73.7	99.7	99.8	100.0	77.3
American Indian/Alaskan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	84.6
With Disabilities	205.9	197.1	71.8	69.4	99.1	98.5	100.0	43.1
Limited English Proficient	219.9	213.5	77.0	71.4	99.8	100.0	100.0	70.5
Subsidized Meals	222.8	213.5	78.6	72.9	99.4	99.4	100.0	70.8
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Annual Measurable Objective (AMO)	229.0	226.0	78.0	75.0	95.0	95.0	95.0	75.1

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

Performance by Group - ESEA/Federal Accountability (State)							4/27/2015	2301119
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Subgroups	ELA Mean	Math Mean	Science Mean	Soc Studies* / History Mean	ELA % Tested	Math % Tested	Science % Tested	Graduation Rate
Grades 3 - 5								
All Students	643.8	644.3	626.4	645.0	99.7	99.8	99.8	N/A
Male	638.9	643.9	627.0	646.5	99.7	99.8	99.8	N/A
Female	649.0	644.6	625.8	643.4	99.8	99.9	99.8	N/A
White	659.5	662.7	644.4	659.5	99.8	99.9	99.8	N/A
African American	622.3	617.3	601.2	624.1	99.7	99.8	99.7	N/A
Asian/Pacific Islander	669.9	686.6	655.9	673.4	99.9	100.0	99.8	N/A
Hispanic	631.7	634.6	614.5	636.5	99.7	99.9	99.9	N/A
American Indian/Alaskan	642.1	640.4	627.1	641.8	99.7	99.9	99.5	N/A
With Disabilities	599.3	596.5	587.6	609.2	98.9	99.5	99.5	N/A
Limited English Proficient	631.2	638.6	615.0	638.1	99.7	99.9	99.9	N/A
Subsidized Meals	627.7	625.2	609.4	628.7	99.7	99.8	99.7	N/A
Migrant	608.2	615.1	590.4	623.4	100.0	100.0	100.0	N/A
Annual Measurable Objective (AMO)	640.0	640.0	640.0	640.0	95.0	95.0	95.0	N/A
Grades 6 - 8								
All Students	627.8	632.2	634.7	637.4	99.7	99.7	99.7	N/A
Male	620.6	630.1	634.4	639.8	99.7	99.7	99.6	N/A
Female	635.4	634.3	635.0	634.9	99.8	99.8	99.7	N/A
White	644.3	647.7	652.3	652.3	99.8	99.8	99.7	N/A
African American	604.3	608.5	608.9	615.2	99.7	99.7	99.6	N/A
Asian/Pacific Islander	658.5	680.2	673.0	677.3	99.9	99.9	99.9	N/A
Hispanic	617.3	625.4	625.0	630.5	99.7	99.7	99.7	N/A
American Indian/Alaskan	629.4	631.2	637.2	638.3	99.9	99.8	99.7	N/A
With Disabilities	574.5	584.3	584.9	592.8	99.4	99.4	99.2	N/A
Limited English Proficient	612.5	625.8	622.5	629.8	99.6	99.7	99.8	N/A
Subsidized Meals	610.0	614.6	616.3	619.9	99.7	99.7	99.6	N/A
Migrant	586.4	606.8	600.8	607.7	98.2	98.2	100.0	N/A
Annual Measurable Objective (AMO)	632.0	632.0	632.0	632.0	95.0	95.0	95.0	N/A
Grades 9 - 12								
All Students	229.3	222.6	81.8	74.9	98.7	98.7	100.0	80.0
Male	225.6	222.4	81.8	75.9	98.3	98.3	100.0	75.7
Female	233.2	222.9	81.9	74.0	99.2	99.1	100.0	84.5
White	235.9	230.8	86.1	78.1	99.0	98.9	100.0	82.8
African American	219.6	209.6	75.2	69.9	98.3	98.3	100.0	76.0
Asian/Pacific Islander	240.2	245.8	89.4	80.3	99.3	99.3	100.0	88.0
Hispanic	225.1	219.4	79.5	73.5	98.9	99.0	100.0	76.9
American Indian/Alaskan	228.8	220.3	81.9	77.2	98.9	99.3	100.0	74.3
With Disabilities	204.3	196.5	68.4	66.2	96.6	96.5	100.0	43.2
Limited English Proficient	218.0	214.7	76.6	71.3	99.3	99.3	100.0	73.4
Subsidized Meals	221.1	212.6	76.8	70.8	98.3	98.2	100.0	72.5
Migrant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	61.5
Annual Measurable Objective (AMO)	229.0	226.0	78.0	75.0	95.0	95.0	95.0	75.1

* Social Studies used as "Other Academic Indicator" for elementary and middle schools.

Abbreviations for Missing Data

N/A-Not Applicable

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N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

*Performance reported for SC and nation, data not available at school level.

Reading - Grade 4 (2013)



Mathematics - Grade 4 (2013)



Reading - Grade 8 (2013)



Mathematics - Grade 8 (2013)



Key

NSLP National school lunch program

SD Student with disabilities

ELL English language learner

NAEP National Association of Education Progress

	SD Participation Rate	ELL Participation Rate
Reading, Grade 4	89.0%	96.0%
Reading, Grade 8	85.0%	96.0%
Mathematics, Grade 4	93.0%	99.0%
Mathematics, Grade 8	90.0%	95.0%

Our School

Number of recently arrived ELL students exempted from ELA in state assessments

0

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N/AV-Not Available

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I/S-Insufficient Sample