

Attendance Rate %	School		County		State	
	2016	2015	2016	2015	2016	2015
Elementary	94.3	94.4	≥ 95.0	≥ 95.0	95.6	95.4
Middle	93.1	93.0	≥ 95.0	94.8	95.1	95.0
High	*	*	92.2	92.1	92.4	92.4

Cohort Graduation Rate%	2016	2015	2016	2015
2016 (4-Year Rate)	*		89.17	87.61
2015 (4-Year Rate)		*	87.78	86.98
2015 (5-Year Rate)	*		89.15	89.11

Teacher Qualifications	School		County		State	
	2016	2015	2016	2015	2016	2015
<b>% of certificates:</b>						
Standard Professional	21.6	30.4	26.4	28.2	25.6	27.4
Advanced Professional	56.9	58.7	62.6	66.9	61.9	65.2
Resident Teacher	0.0	0.0	0.3	0.3	1.0	1.1
Conditional Teacher	7.8	8.7	1.5	1.7	1.5	1.5

% of classes NOT taught by highly qualified teachers						
	2016	2015	2016	2015	2016	2015
All Quartiles	19.1	9.8	7.9	7.4	8.9	8.4
Elementary Low Poverty	*	*	3.0	2.7	3.3	2.9
Elementary High Poverty	*	*	2.8	0.6	11.2	10.5
Secondary Low Poverty	*	*	10.2	8.7	7.0	6.7
Secondary High Poverty	*	*	10.5	12.4	17.1	17.7

“\*” indicates no students or fewer than 10 students in category.

## Attendance Rate

Attendance Rate is the percentage of students in school for at least half of the average school day during the school year. Yearly targets were set for attendance so that by the end of school year 2013-14, the State, schools, and school systems would achieve and maintain an attendance rate of at least 94 percent.

## Cohort Graduation Rate

The U.S. Department of Education requires each state to use an adjusted cohort graduation rate for school accountability. The adjusted cohort graduation rate ensures that all students who entered 9th grade together are counted in the graduation rate at the end of 4 years and at the end of 5 years.

The cohort graduation rate data for 2016 is the 4-year rate for the student cohort entering grade nine for the first time in fall 2012 and graduating no later than 2016. The cohort graduation rate data for 2015 is the 4-year rate for the student cohort entering grade nine for the first time in fall 2011 and graduating no later than 2015. The 2015 5-year rate is the same cohort graduating no later than 2016.

## Teacher Qualifications

The percentage of teachers in each category is based on the number of teachers who have credentials and are teaching core academic subjects as defined by the federal government under the Elementary and Secondary Education Act (ESEA) as modified by the No Child Left Behind Act (NCLB). The core academic subjects are English, reading or language arts, mathematics, science, world languages, civics and government, economics, arts, history, and geography. Teachers who are teaching other subjects are not included in the totals.

**Standard Professional Certificate:** A Standard Professional Certificate indicates the teacher meets all certification requirements.

**Advanced Professional Certificate:** The Advanced Professional Certificate requires three years of satisfactory professional school-related experience, and a master’s degree or a minimum of 36 semester hours of post baccalaureate course work.

**Resident Teacher Certificate:** The Resident Teacher Certificate is issued to a teacher in an approved alternative preparation program at the request of a local school system superintendent.

**Conditional Teacher Certificate:** The Conditional Certificate is issued only at the request of a local school system superintendent to an applicant who has a bachelor’s degree but does not meet all certification requirements.

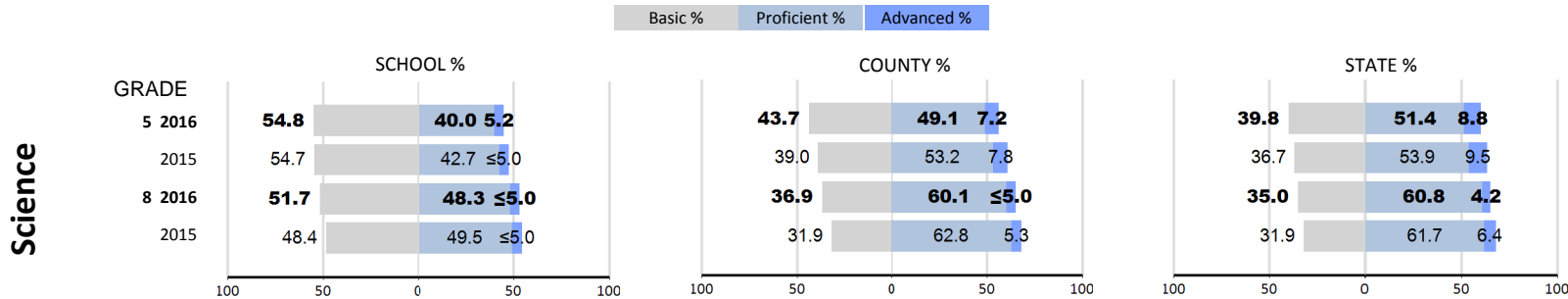
**Highly Qualified Teachers.** “Highly qualified” is specifically defined by federal law. Teachers must meet minimum requirements both in content knowledge and teaching skills. Teachers must have a bachelor’s degree, full State certification, and demonstrate content knowledge in the subjects they teach.

## School Progress and Annual Measurable Objectives (AMOs)

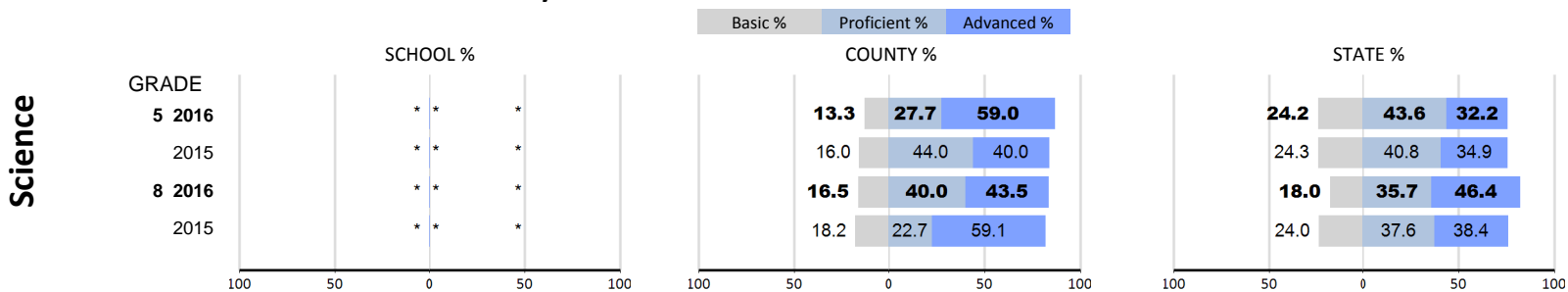
On December 10, 2015, President Obama signed the Every Student Succeeds Act (ESSA). In accordance with the U.S. Department of Education’s (USED) authority to ensure an orderly transition to ESSA, USED will not require States to identify AMOs for school years 2014-2015 or 2015-2016 for USED’s review and approval, nor will USED require States to report performance against AMOs for the 2014-2015 or 2015-2016 school years.

Due to this direction, Maryland will not measure LEAs and schools against AMOs.

## MSA Science Proficiency Levels



## Alt-MSA Science Proficiency Levels



"\*" indicates no students or fewer than 10 students in category.

## Maryland School Assessment (MSA) Science

The MSA measures what students in grades 5 and 8 know about Science. High school performance is measured by the Biology\* High School Assessment (HSA). Performance is reported as the percent of students in each grade who achieved the Basic, Proficient, or Advanced standard. All students should be achieving at the Proficient or Advanced standard.

\* Data not available at date of publication.

## Alternate Maryland School Assessment (Alt-MSA) Science

The Alternate Maryland School Assessment (Alt-MSA) is taken by students with disabilities who cannot take the MSA or PARCC in science even with the special accommodations they receive as part of their regular classroom instruction. The test measures the student's mastery of Science content standards or appropriate access skills. Eligible students take the test in grades 3-8 and once during the high school grade band\*. Performance is reported as the percent of students in each grade who achieved the Basic, Proficient, or Advanced standard.

### Description of Proficiency Levels

Proficiency Level	Description
Basic %	<p><b>Science:</b> Students show they need more work to attain proficiency. They use minimal supporting evidence/responses provide little or no synthesis of information.</p>
Proficient %	<p>Students use supporting evidence that is generally complete with some integration of scientific concepts, principles, and/or skills.</p>
Advanced %	<p>Students use scientific evidence to demonstrate a full integration of scientific concepts, principles, and/or skills.</p>

## PARCC Assessment Performance Results Summary - 2016

		Performance Level										
		Level 1			Level 2		Level 3		Level 4		Level 5	
		Did not yet meet expectations			Partially met expectations		Approached expectations		Met expectations		Exceeded expectations	
		TESTED	Count	%	Count	%	Count	%	Count	%	Count	%
English/Language Arts 4	State	65915	9423	14.3	12473	18.9	17407	26.4	21111	32.0	5501	8.3
	County	8608	1191	13.8	1775	20.6	2423	28.1	2568	29.8	651	7.6
	School	113	49	43.4	32	28.3	20	17.7	12	10.6	*	≤5.0
English/Language Arts 5	State	64302	8361	13.0	13596	21.1	17021	26.5	23274	36.2	2050	3.2
	County	8471	1004	11.9	1890	22.3	2373	28.0	2965	35.0	*	≤5.0
	School	111	35	31.5	22	19.8	35	31.5	18	16.2	*	≤5.0
English/Language Arts 6	State	63151	8417	13.3	12845	20.3	18481	29.3	20609	32.6	2799	4.4
	County	7820	1185	15.2	1700	21.7	2340	29.9	2344	30.0	*	≤5.0
	School	226	81	35.8	78	34.5	50	22.1	16	7.1	*	≤5.0
English/Language Arts 7	State	62649	10082	16.1	12051	19.2	15795	25.2	18566	29.6	6155	9.8
	County	7847	1482	18.9	1733	22.1	2018	25.7	2017	25.7	597	7.6
	School	230	102	44.3	62	27.0	35	15.2	26	11.3	*	≤5.0
English/Language Arts 8	State	62048	10980	17.7	11918	19.2	15200	24.5	20236	32.6	3714	6.0
	County	7634	1429	18.7	1731	22.7	2018	26.4	2140	28.0	*	≤5.0
	School	206	60	29.1	68	33.0	55	26.7	23	11.2	*	≤5.0
Mathematics 4	State	66022	9656	14.6	15482	23.4	16445	24.9	21850	33.1	2589	3.9
	County	8663	1277	14.7	2141	24.7	2151	24.8	2781	32.1	*	≤5.0
	School	112	41	36.6	40	35.7	17	15.2	13	11.6	*	≤5.0
Mathematics 5	State	64423	7918	12.3	15879	24.6	17049	26.5	19815	30.8	3762	5.8
	County	8534	958	11.2	2176	25.5	2354	27.6	2673	31.3	*	≤5.0
	School	113	32	28.3	32	28.3	28	24.8	20	17.7	*	≤5.0
Mathematics 6	State	63022	9504	15.1	16028	25.4	16946	26.9	17570	27.9	2974	4.7
	County	7863	1371	17.4	2399	30.5	2146	27.3	1750	22.3	*	≤5.0
	School	226	61	27.0	104	46.0	41	18.1	19	8.4	*	≤5.0
Mathematics 7	State	53710	8059	15.0	15190	28.3	17456	32.5	11999	22.3	1006	1.9
	County	5909	1215	20.6	2274	38.5	1897	32.1	506	8.6	*	≤5.0
	School	177	56	31.6	80	45.2	40	22.6	*	≤5.0	*	≤5.0
Mathematics 8	State	43366	12915	29.8	11633	26.8	9317	21.5	8332	19.2	1169	2.7
	County	4154	1466	35.3	854	20.6	522	12.6	1057	25.4	255	6.1
	School	63	28	44.4	12	19.0	9	14.3	14	22.2	*	≤5.0
Algebra I	State	67151	10068	15.0	16817	25.0	16342	24.3	22186	33.0	1738	2.6
	County	8590	1537	17.9	2641	30.7	2314	26.9	2024	23.6	*	≤5.0
	School	197	41	20.8	84	42.6	54	27.4	18	9.1	*	≤5.0

### Partnership for Assessment of Readiness for College and Careers (PARCC)

Students in grades 3-8 and high school participated in the PARCC assessments in English Language Arts and Mathematics. PARCC complements, but does not replace, the existing Maryland School Assessment Program. Performance in science in grades 5 and 8, the Alternate Maryland School Assessment (for students with disabilities), and, the Maryland High School Assessments in Biology and Government continue to be a part of the Maryland School Assessment Program.

### PARCC Performance Level Descriptors (PLD)

Performance level descriptors for English language arts/literacy and Mathematics describe what a typical student at each level should be able to demonstrate based on his/her command of grade-level standards.

Level 1: Did not yet meet expectations

Level 2: Partially met expectations

Level 3: Approached expectations

Level 4: Met expectations

Level 5: Exceeded expectations

PARCC Assessment Participation Results Summary - 2015 & 2016

Assessment	2015			2016		
	Student Count	Participation Count	Participation Rate	Student Count	Participation Count	Participation Rate
English/Language Arts 4	113	*	>= 95.0	114	*	>= 95.0
English/Language Arts 5	116	*	>= 95.0	114	*	>= 95.0
English/Language Arts 6	236	*	>= 95.0	229	*	>= 95.0
English/Language Arts 7	203	*	>= 95.0	234	*	>= 95.0
English/Language Arts 8	181	*	>= 95.0	206	*	>= 95.0
Mathematics 4	113	*	>= 95.0	114	*	>= 95.0
Mathematics 5	116	*	>= 95.0	114	*	>= 95.0
Mathematics 6	237	*	>= 95.0	230	*	>= 95.0
Mathematics 7	174	*	>= 95.0	180	*	>= 95.0
Mathematics 8	73	*	>= 95.0	63	*	>= 95.0

Visit [Report.msde.maryland.gov](http://Report.msde.maryland.gov) for up-to-date and disaggregated information.

This table displays the participation rate in English Language Arts and mathematics based on the PARCC assessments. Data show the number of students eligible to take the assessment (student count), the number of students who participated in the assessment (participation count), and the percentage of those students participating (participation rate) for 2015 and 2016.