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## **2019 Georgia Milestones End of Course Assessment Brief**

July 2019



## On July 26, 2019, the state released the results for the 2019 Georgia Milestones End-of-Course (EOC) assessments. This is the fifth year in which the assessment has been administered.

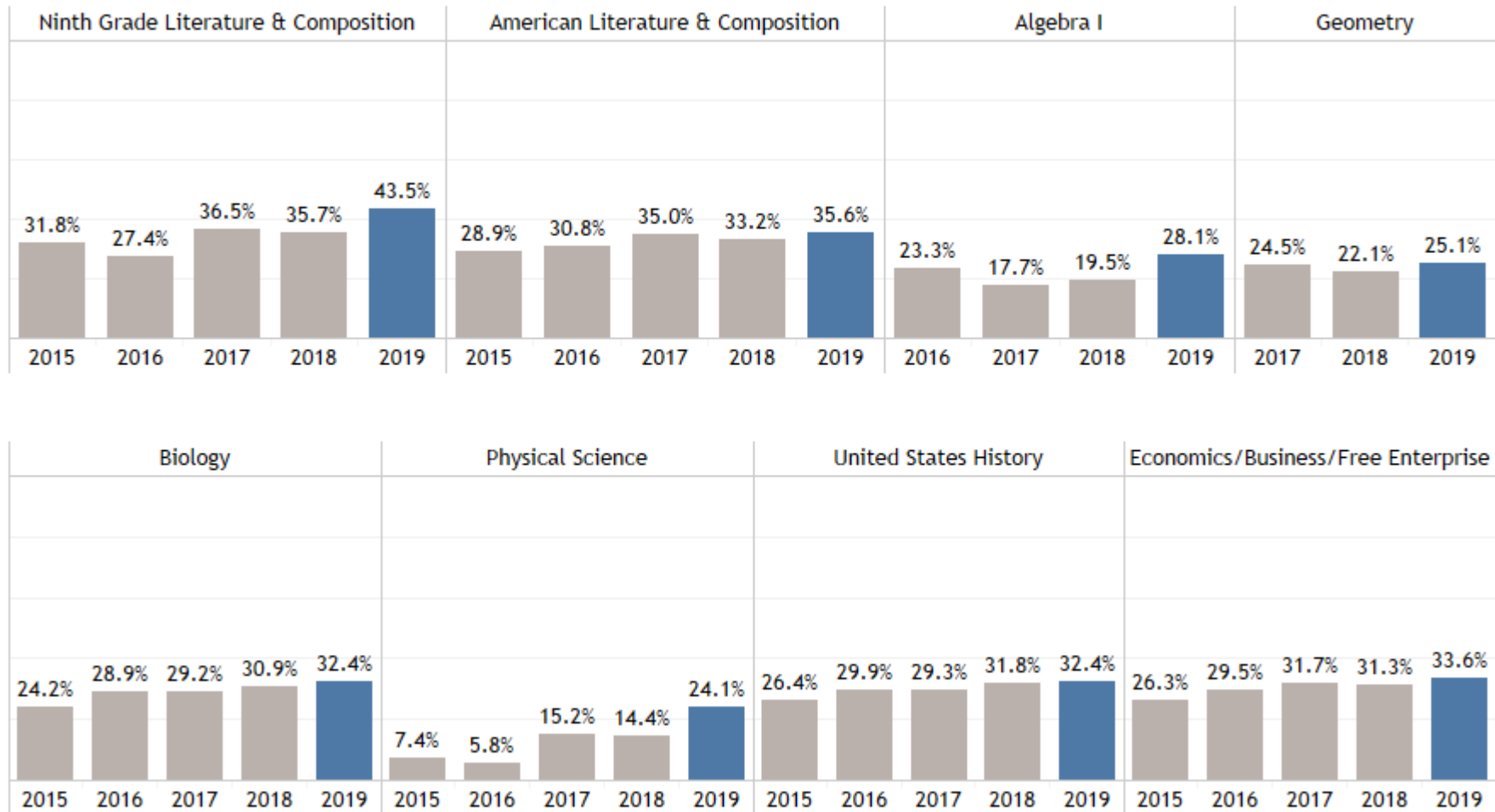
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Student learning is assessed along four levels of performance: Beginning Learner, Developing Learner, Proficient Learner, and Distinguished Learner. Each level provides information based on students' mastery of the content standards. According to the Georgia Department of Education (GADOE):

- Distinguished Learners demonstrate advanced proficiency in the knowledge and skills necessary at this grade level/course of learning... and are well prepared for the next grade level or course.
- Proficient Learners demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning... and are prepared for the next grade level or course.
- Developing Learners demonstrate partial proficiency in the knowledge and skills necessary at this grade level/course of learning... and need additional academic support to ensure success in the next grade level or course.
- Beginning Learners do not yet demonstrate proficiency in the knowledge and skills necessary at this grade level/course of learning... and need substantial academic support to be prepared for the next grade level or course.

EOC assessments are administered at the end of eight core high school courses designated by GADOE. Middle school students enrolled in these courses (e.g. Algebra I) also participate in the associated EOC assessments. Seven of the eight EOC assessments are associated with courses required for high school graduation; participation in Physical Science (course and EOC) varies depending on local school course-taking patterns. All figures in this report have been rounded to the tenths decimal place.

# Figure 1. APS Milestones EOC Results, Proficient and Above



On 2019 EOC tests, APS students achieved their highest overall rates of proficiency since GADOE implemented the Milestones assessments in 2015. The district-wide percentage of students scoring proficient and above increased in all subjects compared to 2018.

*This brief includes aggregated data from winter, spring, and mid-month Milestones administrations.*

*In 2016, APS switched from the Coordinate Algebra assessment to the Algebra I assessment, and from Analytic Geometry to Geometry in 2017.*

## Table 1. APS 2019 Georgia Milestones EOC Results

	Beginning Learner	Developing Learner	Proficient Learner	Distinguished Learner	2019 Proficient and Above	Change from 2018
Ninth Grade Literature & Composition	26.1%	30.3%	31.0%	12.6%	43.5%	7.9
American Literature & Composition	30.5%	33.9%	28.5%	7.1%	35.6%	2.3
Algebra I	45.1%	26.8%	19.1%	9.0%	28.1%	8.6
Geometry	47.4%	27.5%	16.9%	8.2%	25.1%	3.0
Biology	47.6%	20.0%	22.3%	10.2%	32.4%	1.5
Physical Science	56.2%	19.7%	15.3%	8.8%	24.1%	9.7
United States History	33.8%	33.8%	23.6%	8.8%	32.4%	0.6
Economics/Business/Free Enterprise	36.2%	30.2%	27.9%	5.7%	33.6%	2.4

APS achieved year-over-year gains in the percentage of students scoring proficient and above on all eight EOC tests. The largest increases were in Physical Science (+9.7 percentage points), Algebra I (+8.6 percentage points), and Ninth Grade Literature (+7.9 percentage points).

*This brief includes aggregated data from winter, spring, and mid-month Milestones administrations.*

# APS Comparison to Georgia, Milestones EOC Results

**Table 2. 2019 Milestones EOC Results, Proficient and Above**

	APS	GA*	Difference
Ninth Grade Literature & Composition	43.5%	59.0%	-15.4
American Literature & Composition	35.6%	46.0%	-10.4
Algebra I	28.1%	39.9%	-11.8
Geometry	25.1%	44.6%	-19.5
Biology	32.4%	48.0%	-15.6
Physical Science	24.1%	45.0%	-20.9
United States History	32.4%	46.8%	-14.4
Economics/Business/Free Enterprise	33.6%	48.0%	-14.4

APS had lower rates of proficiency than the state in all subjects on the 2019 Milestones EOC tests. The largest gaps were in Physical Science (-20.9 percentage points below the state), Geometry (-15.6 points), and 9<sup>th</sup> Grade Lit (-15.4 points). Compared to 2018, APS narrowed the gap with the state in six of eight subjects, with the greatest gains in Algebra I; the gap increased slightly (APS got further behind the state) in 9<sup>th</sup> Grade Lit and US History.

**Table 3. Milestones EOC Gap with Georgia, Proficient and Above\*\***

	2015	2016	2017	2018	2019	State Gap Change 2018 to 2019
Ninth Grade Literature & Composition	-6.5	-12.7	-13.9	-14.2	-15.4	+1.2
American Literature & Composition	-6.4	-10.2	-11.3	-11.6	-10.4	-1.2
Algebra I		-12.7	-16.9	-17.6	-11.8	-5.8
Geometry		-22.6	-18.1	-21.2	-19.5	-1.7
Biology	-13.8	-13.1	-15.3	-17.1	-15.6	-1.6
Physical Science	-22.5	-27.3	-21.5	-26.3	-20.9	-5.4
United States History	-12.9	-14.1	-14.6	-14.1	-14.4	+0.3
Economics/Business/Free Enterprise	-12.4	-15.6	-12.4	-16.4	-14.4	-2.1

\* State data were reported as whole-number percentages by grade and subject and were aggregated over the winter and spring administrations.

\*\* The computation of state performance was updated in 2019 to improve precision. This adjustment was applied retroactively, leading to slight changes in previously-reported numbers.

## Table 4. 2019 Milestones EOC Results, Proficient and Above

	Asian / Pacific Islander	Black	Hispanic	White	District	State*
Ninth Grade Literature & Composition	84.0%	33.8%	45.5%	95.8%	43.5%	59.0%
American Literature & Composition	66.7%	25.2%	38.8%	89.9%	35.6%	46.0%
Algebra I	81.5%	16.3%	30.0%	82.1%	28.1%	39.9%
Geometry	62.5%	15.6%	23.5%	78.7%	25.1%	44.6%
Biology	64.3%	21.8%	27.4%	87.6%	32.4%	48.0%
Physical Science		12.8%	35.8%	89.0%	24.1%	45.0%
United States History	73.9%	23.4%	33.2%	85.1%	32.4%	46.8%
Economics/Business/Free Enterprise	61.9%	25.6%	35.2%	77.7%	33.6%	48.0%

In all subjects, Asian and white students achieved higher levels of proficiency than the district and state averages. The difference in proficiency between black and white students (the two largest racial subgroups in APS) remains high.

\* State data were reported as whole-number percentages by grade and subject and were aggregated over the winter and spring administrations. Figures are suppressed for subjects / groups with fewer than 15 tests.

## Table 5. Milestones EOC Results, Black-White Proficiency Gap

	2017		2018		2019		Proficiency Gap			Change 2018 to 2019
	Black	White	Black	White	Black	White	2017	2018	2019	
Ninth Grade Literature & Composition	28.9%	90.7%	27.5%	89.1%	33.8%	95.8%	61.8	61.6	62.1	+0.4
American Literature & Composition	26.0%	90.0%	24.5%	88.5%	25.2%	89.9%	64.1	64.0	64.8	+0.8
Algebra I	11.0%	67.2%	12.5%	69.8%	16.3%	82.1%	56.2	57.2	65.8	+8.5
Geometry	15.1%	79.4%	14.2%	73.1%	15.6%	78.7%	64.3	58.8	63.1	+4.2
Biology	20.7%	83.3%	22.1%	86.2%	21.8%	87.6%	62.6	64.1	65.8	+1.7
Physical Science	8.4%	73.0%	6.3%	87.8%	12.8%	89.0%	64.6	81.5	76.2	-5.3
United States History	22.3%	80.4%	23.8%	85.3%	23.4%	85.1%	58.1	61.5	61.7	+0.2
Economics/Business/Free Enterprise	24.9%	76.3%	24.1%	78.8%	25.6%	77.7%	51.4	54.6	52.0	-2.6

On 2019 Milestones EOC administrations, white students achieved proficiency levels more than 50 percentage points higher than black students in all subjects (and more than 60 percentage points higher in seven of eight subjects). The largest proficiency gaps were in Physical Science (76.2 point gap) and Algebra I and Biology (each 65.8 points). Compared to 2018, the proficiency gap increased for six of eight subjects; while both black and white students saw increased levels of proficiency in most subjects, proficiency growth among white students outpaced proficiency growth among black students. A key exception is Economics; proficiency rates for black students increased compared to 2018 and proficiency rates for white students decreased slightly, leading to a decrease in the black-white proficiency gap from 2018 to 2019.

\* State data were reported as whole-number percentages by grade and subject and were aggregated over the winter and spring administrations.

# Appendix

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- 2019 proficiency by school, subject
- Proficiency change by school, subject



**Table A1. High School (9-12) 2019 ELA and Math Milestones EOC Results, Proficient and Above**

	Ninth Grade Literature & Composition	American Literature & Composition	Algebra I	Geometry
BEST MS/HS	31.7%	7.5%	2.8%	10.4%
Carver Early	41.5%	19.5%	51.4%	36.4%
Carver STEAM	17.2%	12.4%	1.6%	1.8%
Classical	83.7%	80.4%	10.0%	42.4%
Crim	5.5%	6.8%	2.0%	2.1%
CSK	50.0%	31.4%	11.8%	13.5%
Douglass	12.0%	15.2%	2.9%	3.5%
Drew Secondary	69.4%	50.5%	35.0%	52.0%
Forrest Hill	10.7%		0.0%	0.0%
Grady	77.5%	63.6%	49.6%	54.8%
Jackson High	52.1%	39.4%	29.2%	29.2%
KIPP Collegiate	40.1%	38.2%	10.0%	21.1%
Mays	29.6%	20.3%	7.6%	7.5%
North Atlanta	71.8%	61.5%	44.1%	46.5%
South Atlanta	27.9%	18.6%	15.3%	9.0%
Therrell	29.1%	22.7%	8.6%	14.3%
Washington	22.3%	18.1%	6.4%	7.5%

*For schools serving multiple grade bands, only results from grades 9-12 are included.  
 Figures are suppressed for subjects / groups with fewer than 15 tests.*

**Table A2. High School (9-12) 2019 Science and Social Studies Milestones EOC Results, Proficient and Above**

	Biology	Physical Science	United States History	Economics/Business/Free Enterprise
BEST MS/HS	11.3%	1.6%	9.8%	18.5%
Carver Early	26.2%		16.5%	59.5%
Carver STEAM	3.7%	0.0%	3.7%	9.6%
Classical	66.0%		69.7%	79.4%
Crim	5.4%	2.3%	11.8%	5.2%
CSK	16.1%	5.4%	15.0%	25.0%
Douglass	9.0%	3.3%	16.8%	10.5%
Drew Secondary	57.3%		65.5%	58.7%
Forrest Hill	2.9%	0.0%	0.0%	0.0%
Grady	63.1%		58.7%	58.0%
Jackson High	38.0%		40.2%	29.6%
KIPP Collegiate	19.9%		36.2%	49.3%
Mays	11.5%	12.7%	16.7%	14.1%
North Atlanta	57.2%	23.1%	56.6%	47.1%
South Atlanta	21.5%	29.1%	14.2%	38.5%
Therrell	19.2%	0.0%	20.0%	18.1%
Washington	13.1%	2.6%	12.0%	18.1%

*For schools serving multiple grade bands, only results from grades 9-12 are included.  
 Figures are suppressed for subjects / groups with fewer than 15 tests.*

**At multi-level schools (serving middle and high school students) and middle schools, some 6-8 students take EOG assessments and some take EOCs.**

**Table A3. Multi-Level 2019 Milestones EOC Results, Proficient and Above**

	Ninth Grade Literature & Composition	American Literature & Composition	Algebra I	Geometry
BEST MS/HS	31.7%	7.5%	13.3%	10.4%
Classical	83.7%	80.4%	44.3%	45.2%
CSK	50.0%	31.4%	12.3%	13.5%
Drew Secondary	69.4%	50.5%	47.7%	52.0%
Forrest Hill	10.7%		0.0%	0.0%

	Biology	Physical Science	United States History	Economics/Business/Free Enterprise
BEST MS/HS	11.3%	1.6%	9.8%	18.5%
Classical	66.0%		69.7%	79.4%
CSK	16.1%	7.3%	15.0%	25.0%
Drew Secondary	57.3%	80.5%	65.5%	58.7%
Forrest Hill	2.9%	0.0%	0.0%	0.0%

**Table A4. Middle School (6-8) 2019 Milestones EOC Results, Proficient and Above**

	Algebra I	Physical Science
ANCS Middle	100.0%	
Classical	60.0%	
Drew Secondary	87.5%	80.5%
Harper-Archer MS	7.7%	
Inman	97.8%	96.9%
Sutton	94.9%	
Wesley	80.0%	

Figures are suppressed for subjects / groups with fewer than 15 tests.

**Table A5. High School (9-12) 2019 ELA and Math Milestones EOC Results and Change from 2018, Proficient and Above**

	Ninth Grade Literature & Composition		American Literature & Composition		Algebra I		Geometry	
BEST MS/HS	31.7%	12.3	7.5%	-14.9	2.8%	-1.7	10.4%	-3.0
Carver Early	41.5%	10.9	19.5%	-21.4	51.4%	24.0	36.4%	-12.4
Carver STEAM	17.2%	7.2	12.4%	6.7	1.6%	1.1	1.8%	-0.2
Classical	83.7%	13.2	80.4%	-10.7	10.0%	-4.8	42.4%	19.3
Crim	5.5%	1.8	6.8%	6.8	2.0%	2.0	2.1%	2.1
CSK	50.0%	11.7	31.4%	6.4	11.8%	4.2	13.5%	-2.9
Douglass	12.0%	1.3	15.2%	7.6	2.9%	0.4	3.5%	1.9
Drew Secondary	69.4%	1.4	50.5%	-14.2	35.0%	-7.0	52.0%	9.4
Forrest Hill	10.7%	7.4			0.0%	0.0	0.0%	0.0
Grady	77.5%	10.5	63.6%	-0.7	49.6%	19.9	54.8%	-4.1
Jackson High	52.1%	10.4	39.4%	10.2	29.2%	9.6	29.2%	2.3
KIPP Collegiate	40.1%	0.8	38.2%	3.8	10.0%	-5.3	21.1%	-6.1
Mays	29.6%	5.7	20.3%	-1.2	7.6%	1.5	7.5%	1.9
North Atlanta	71.8%	11.3	61.5%	6.9	44.1%	11.7	46.5%	7.9
South Atlanta	27.9%	6.0	18.6%	2.6	15.3%	9.6	9.0%	4.4
Therrell	29.1%	2.4	22.7%	-3.4	8.6%	1.3	14.3%	6.7
Washington	22.3%	8.1	18.1%	-2.4	6.4%	-0.1	7.5%	-6.1
	2019 Proficient+	2018	2019 Proficient+	2018	2019 Proficient+	2018	2019 Proficient+	2018

For schools serving multiple grade bands, only results from grades 9-12 are included.  
 Figures are suppressed for subjects / groups with fewer than 15 tests.

**Table A6. High School (9-12) 2019 Science and Social Studies Milestones EOC Results and Change from 2018, Proficient and Above**

	Biology		Physical Science		United States History		Economics/Business/Free Enterprise	
BEST MS/HS	11.3%	-4.5	1.6%	-1.5	9.8%	-5.4	18.5%	14.7
Carver Early	26.2%	2.6			16.5%	-25.1	59.5%	-12.1
Carver STEAM	3.7%	-1.3	0.0%	-1.9	3.7%	-0.6	9.6%	8.8
Classical	66.0%	21.3			69.7%	69.7	79.4%	79.4
Crim	5.4%	5.4	2.3%	2.3	11.8%	6.8	5.2%	5.2
CSK	16.1%	7.9	5.4%	5.4	15.0%	2.3	25.0%	9.3
Douglass	9.0%	1.7	3.3%	0.4	16.8%	7.4	10.5%	-2.4
Drew Secondary	57.3%	-14.9			65.5%	3.1	58.7%	26.6
Forrest Hill	2.9%	2.9	0.0%	0.0	0.0%	-12.5	0.0%	0.0
Grady	63.1%	2.0			58.7%	2.4	58.0%	0.4
Jackson High	38.0%	-3.4			40.2%	-2.4	29.6%	14.4
KIPP Collegiate	19.9%	-8.9			36.2%	-5.4	49.3%	7.1
Mays	11.5%	-5.9	12.7%	6.2	16.7%	4.3	14.1%	-4.5
North Atlanta	57.2%	5.6	23.1%	-21.6	56.6%	-0.8	47.1%	0.5
South Atlanta	21.5%	-6.7	29.1%	15.4	14.2%	0.8	38.5%	-11.1
Therrell	19.2%	0.9	0.0%	-3.0	20.0%	-0.6	18.1%	-8.3
Washington	13.1%	-4.0	2.6%	-2.4	12.0%	-7.1	18.1%	-5.0
	2019 Proficient+	2018	2019 Proficient+	2018	2019 Proficient+	2018	2019 Proficient+	2018

For schools serving multiple grade bands, only results from grades 9-12 are included.  
 Figures are suppressed for subjects / groups with fewer than 15 tests.

**Table A7. High School (9-12) 2019 Overall Milestones EOC Results and Change from 2018, Proficient and Above**

		Overall
BEST MS/HS	11.2%	-0.9
Carver Early	34.2%	-3.1
Carver STEAM	7.0%	3.1
Classical	64.6%	14.3
Crim	4.9%	3.7
CSK	22.2%	6.3
Douglass	9.4%	2.9
Drew Secondary	55.9%	1.3
Forrest Hill	2.6%	1.1
Grady	61.4%	3.9
Jackson High	36.9%	7.2
KIPP Collegiate	28.8%	-3.2
Mays	15.3%	1.1
North Atlanta	55.0%	5.9
South Atlanta	21.3%	4.7
Therrell	18.6%	1.6
Washington	13.0%	-2.0
	2019 Proficient+	Change from 2018

*For schools serving multiple grade bands, only results from grades 9-12 are included.*

**Table A8. Middle School (6-8) 2019 Milestones EOC Results (Test Count) and Change from 2018, Proficient and Above**

	Physical Science		Algebra I	
	2019 Proficient+	Change from 2018	2019 Proficient+	Change from 2018
ANCS Middle			100.0% (18)	
Classical			60.0% (40)	+13.7 (-1)
Drew Secondary	80.5% (41)		87.5% (32)	+0.8 (+2)
Harper-Archer MS			7.7% (26)	+3.8 (--)
Inman	96.9% (130)	+3.2 (-14)	97.8% (137)	-2.2 (+33)
Sutton			94.9% (136)	+2.7 (+72)
Wesley			80.0% (20)	-1.3 (+4)
	2019 Proficient+	Change from 2018	2019 Proficient+	Change from 2018

*For schools serving multiple grade bands, only results from grades 6-8 are included.  
 Figures are suppressed for subjects / groups with fewer than 15 tests.  
 Parentheses indicate number of students testing / change in number testing from 2018.*