

# Georgia Milestones 2020-2021 State Summary Report



August 2021



## Georgia Milestones 2020-2021 State Summary Report

### Executive summary

This report presents the state-level results of the 2020-2021 administration of the Georgia Milestones End-of-Grade (EOG) and End-of-Course (EOC) assessments. Due to the COVID-19 pandemic, the percent of enrolled students tested was lower in 2020-2021 than in a typical year. Achievement trends were also disrupted due to pandemic-related learning disruptions. This report provides an overview of the standard and supplemental technical evaluation steps completed this year and summarizes state-level achievement with disaggregations included by grade, content area, course, and demographic subgroups.

Overall, around 70% of Georgia students enrolled in grades with an EOG assessment participated in Georgia Milestones in 2020-2021, with the percentage varying widely across individual systems and schools. Participation is mostly consistent across demographic subgroups, with the exception of racial/ethnic groups where there is greater variability. Across grades, the percentage ranges from a high of 79% in grade 3 to a low of 55% in high school. Achievement in 2020-2021 on Georgia Milestones likewise demonstrates an expected deviation from Georgia's history of increasing achievement, with varying impact across grades. Across content areas, slightly larger decreases are observed for Mathematics as compared to English Language Arts, though this varies by system, school, grade, and student group. At the state level, there is an observed decrease in the percent of students at or above the Developing Learner level from 2019 to 2021, ranging from 2 percentage points to 15 percentage points. While overall state performance is slightly lower, performance varies across systems and schools, and trends vary by demographic subgroup. Given the magnitude of learning disruptions experienced this school year, these decreases in performance are not particularly large. Based on the prior historical trend, with sustained academic recovery efforts, we can expect a similar rate of increased achievement in the coming years as we return to educational environments with fewer disruptions to student learning.

System and school leaders and other stakeholders using the achievement outcomes from the Georgia Milestones 2020-2021 administrations are encouraged to:

1. Consider the **percentage of the total population tested** and take extra caution in interpretation in cases where a low percentage of the enrolled student population was tested at a given school or system;
2. Consider the **representativeness and prior achievement of the tested population** and take extra caution in interpretation in cases where differences indicate the students who did test this year may not be representative of the total student population;
3. **Avoid punitive or accountability applications** of these outcomes; and
4. Contextualize any changes in achievement with any **local complexities** systems and schools may have faced within this last year (e.g., mode of instruction, enrollment rates, attendance rates).

Overall, the 2020-2021 results meet the rigorous **reliability** standards of the Georgia Milestones assessment program and are **valid** when interpreted in context: as one measure of students' achievement towards mastery of the state's academic content standards in the face of unprecedented challenges.

## Georgia Milestones 2020-2021 State Summary Report

### Overview

This report presents the state-level results of the 2020-2021 administration of the Georgia Milestones End-of-Grade (EOG) and End-of-Course (EOC) assessments. There were no modifications to Georgia Milestones related to the nature of the pandemic. Critical aspects of Georgia Milestones remain **consistent** despite the interruptions in learning, including: the academic content standards, the achievement standards, the administration format, and the scoring procedures and data-quality criteria. However, some key factors have **changed**, which necessitates caution and context when interpreting individual or summary scores: many students received virtual instruction following interruptions and closures; opportunity to learn has been variably reduced due to health and safety measures implemented in the past year; the contribution of EOC scores to final course grades has been reduced in weight; in many places EOG scores were not utilized for student promotion and retention decisions, and fewer students participated in this year's administrations as compared to prior years. The state-level outcomes presented here are accompanied by guidance on interpreting and using scores from this atypical year locally. Learning disruptions in the past year differentially affected systems and regions in Georgia, and consideration of unique local context is necessary when using results and making comparisons of local outcomes to state summaries. This report provides an overview of the percent of enrolled students tested and the research completed to evaluate the representativeness of this year's testing outcomes.

### Technical evaluation

Before reporting scores this year, outcomes were evaluated against a multitude of data quality and model fit technical criteria. Psychometric plans for ensuring all reported scores are valid and reliable in this atypical year were developed based on recommendations from Georgia's Assessment Technical Advisory Committee (TAC), the Council of Chief State School Officers (CCSSO), and the National Center for the Improvement of Educational Assessment (NCIEA) and were evaluated in detail and approved by Georgia's assessment TAC. Several cycles of standard operational psychometric analyses were completed and supplemented by additional quality-control steps designed to identify and mitigate any potential instability from this year's learning disruptions. These cycles were monitored by an external evaluator, a member of Georgia's assessment TAC.

The four primary considerations for evaluating the results for each examination were: reliability, data-model fit, representative sampling, and impact on achievement-level classification decisions. Total test reliability by form was a top consideration, and this was compared against rigorous reliability criteria, as well as the reliability outcomes from prior administrations. This year's results indicated an average reliability above .9 across content areas and forms. This level of reliability is considered excellent and is comparable to historic reliability for this program. Data-model fit was evaluated, and any misfit was flagged using the same flagging criteria as in typical operational years. For all grade/content areas/courses, fit was excellent, with rates of misfit being at or below rates identified in prior years. All data were evaluated to ensure stability and quality, using unchanged rigorous criteria for item precision and fit. When evaluating the sample, in addition to ensuring the data were sufficient to produce stable estimates, the representativeness of the sample by gender, ethnicity/race, grade, and region/ RESA was closely monitored, and most groups were found to be within 5% of the distribution observed in prior years. This indicates mostly consistent representativeness, despite a reduction in the total sample, though some demographic differences were observed as compared to prior years in the area of region

and ethnicity, with slightly lower representation from metro areas for the Spring 2021 administrations in particular. While all sample criteria were met to produce valid and reliable individual scores, this does necessitate caution when interpreting summary scores, such as summaries by school, system, and region.

For further information on the technical evaluation of Georgia's assessments this year, see the score evaluation and interpretation briefs on the [2020-2021 Georgia assessment results page](#).

## Percent of enrolled students tested

Given the pandemic-related conditions experienced in Georgia during the 2020-2021 school year, we observed a lower percent of enrolled students tested. Table 1 presents the percent of enrolled students in grades 3 through 8 who completed End-of-Grade assessments in Spring 2021. Higher percentages of enrolled students tested are observed for lower grades, and overall, mostly consistent rates are observed across content areas. Overall, around 70% of Georgia students enrolled in grades with EOG tests participated in assessment in 2020-2021, with this percentage varying widely across systems and schools, with some systems and schools testing 100% of enrolled students, and some with under 10% of enrolled students tested. See the Georgia Milestones system and school aggregate reports on [the 2020-2021 Georgia assessment results page](#) for further information on the percent of enrolled students assessed by system and school.

*Table 1. Percent of enrolled grade 3-8 students tested in 2021*

	ELA	Mathematics	Science	Social Studies
Grade 3	79%	79%		
Grade 4	78%	78%		
Grade 5	77%	76%	76%	
Grade 6	69%	69%		
Grade 7	65%	65%		
Grade 8	61%	60%	61%	60%

Table 2 presents the percent of students enrolled in a course with a required EOC assessment tested in 2020-2021. The test rates represent the full year, inclusive of Fall/Winter 2020 administrations as well as Spring 2021. Higher test rates were observed for Fall/Winter 2020 (around 80% across courses) as compared to Spring 2021 (around 60% across courses). Note that the rates in Table 2 include middle school students enrolled in a course with a required EOC. Test rates observed for EOCs in 2020-2021 are consistent with the trend observed with grades 3-8, where the percent of enrolled students tested decreases for upper grades.

Table 2. Percent of students enrolled in a course with a required EOC assessment tested in 2020-2021

Course	Percent of enrolled students tested
Algebra I	60%
American Literature & Composition	58%
Biology	59%
Coordinate Algebra	62%
Physical Science	62%
United States History	55%

Note: As of Spring 2021, the high school Physical Science assessment is only administered to 8<sup>th</sup> grade students enrolled in the high school Physical Science course and is completed in place of the 8<sup>th</sup> grade Science EOG.

To appropriately contextualize aggregated results, the percentage of enrolled students who were tested is reported with all aggregate scores. **System and schools with a low percentage of enrolled students tested should interpret summary scores with additional caution as these summary scores may not well-represent the larger population.** When examining the percent of enrolled students tested by subgroup (gender, race/ethnicity, English learner status, disability status), we see mostly consistent results, with most categories being within about 5% of each other, with the exception of race/ethnicity, where a pattern of a lower percent of enrolled Black/African American students tested is observed across grades and content areas, as compared to other race/ethnicity groups. Note that due to the demographic and regional population distribution of Georgia, this reduced percent of enrolled Black/African American students tested intersects with the reduced percent of enrolled Metro area students tested. Pandemic-related learning environment disruptions differentially impacted regions in our state, and this context is important to consider when interpreting the percent of students tested by demographic subgroup, as well as the achievement outcomes for this year by demographic subgroup. See Appendix A for further information on the percent of enrolled students tested by demographic subgroup.

The 2020-2021 administration conditions were monitored to ensure appropriate standardization with maximum allowable flexibility to support administration during a pandemic. Georgia Milestones assessments were administered online, in schools, under typical administration conditions. All student accessibility features and required accommodation supports remained available, consistent with typical years. Following administration, student testing time was evaluated and found to be consistent with expected ranges and maximums. Collectively, outcomes from this year's administration indicate a relatively consistent student testing experience, despite the lower percentage of enrolled students tested.

### Additional evaluation of summary scores

To further evaluate the generalizability of summary scores from this year, we examined the achievement history of the tested students to identify, if present, any differences indicating the students who did test this year may not be representative of the total population. This analysis was completed for all available matched grades (grades 3-6 in 2019 to grades 5-8 in 2021), and the research plan was evaluated by Georgia's assessment TAC.

Achievement in 2019 served as a baseline for prior achievement, and two groups were identified: Group A) students who tested in 2021 (i.e. the tested population) and Group B) students who did not test in 2021 but were enrolled (i.e. the non-tested population). For

summary scores from 2020-2021 administrations to be generalizable at the state, system, and school level, we must evaluate whether the students who tested this year (Group A) are representative of the full population (Group A plus Group B). Thus, this research evaluates whether the 2019 achievement of Group A differs from the full population of 2019 testers. For example, we can examine the 2019 6<sup>th</sup> grade ELA and Mathematics achievement of the group of 8<sup>th</sup> grade students who tested in 2021. This can be compared to the total 2019 6<sup>th</sup> grade ELA and Mathematics achievement. If it was found that a much higher or much lower rate of Beginning Learners, for example, were observed in Group A as compared to the total group, we would have cause to question whether the 8<sup>th</sup> graders who tested in 2021 are representative of their full state, system, or school, based on prior achievement.

Outcomes of this research indicate that, at the state level, students who completed Georgia Milestones in 2020-2021 are representative of the full state, based on prior achievement. While the percent of enrolled students tested is lower during this atypical year, the prior achievement of the group who tested, where available, does not meaningfully differ from the total group's prior achievement: Specifically, in all applicable grades/content areas, the difference in prior achievement level distribution between the group who tested this year and the total prior sample is within 3 percent. Continuing our example, this means there is less than a 3 percent difference between the percentage of *all* 2019 6<sup>th</sup> graders who were Beginning Learners in ELA and the percentage of 2019 6<sup>th</sup> graders who were Beginning Learners in ELA who then proceeded to complete the 8<sup>th</sup> grade Georgia Milestones assessments this year.

While results at the state level indicated the students who tested are representative of the full population based on prior achievement, results for systems and schools vary. Representativeness asterisks by grade band are reported for systems and schools with public summary scores where additional caution may be needed in generalizing outcomes to the full system or school. Further, this representativeness should be taken in context with the percent of enrolled students tested, and other known local complexities (mode of instruction, enrollment rates, attendance rates). **Summary scores for systems and schools for whom the tested population of students may not be representative of the full population are noted in public reports and should be interpreted with additional caution.**

## Summary of achievement

Summaries of achievement from 2020-2021 are reported with the percent of enrolled students tested and with asterisks where representativeness research indicates students who tested this year may not be representative of the full population based on prior achievement. Table 3 presents achievement by grade and content area for students who completed Georgia Milestones EOG assessments in Spring 2021; Table 4 presents achievement by course for students who completed Georgia Milestones EOC assessments in 2020-2021.

Achievement in 2020-2021 on Georgia Milestones demonstrates an expected deviation from Georgia's history of increasing achievement. Table 5 presents the summary of achievement on EOG assessments from Spring 2017 through Spring 2021; Table 6 presents the summary of achievement on EOC assessments from Spring 2017 through Spring 2021 (note: 2021 results include Fall/Winter 2020 administrations). While performance has decreased as compared to achievement measured two years prior in 2019, it may be helpful to consider the magnitude of decrease in the context of prior two-year gaps. For example, in 3<sup>rd</sup> grade ELA, we observe a 6 percentage point decrease in students achieving Proficient and above as compared to 2019. The magnitude of this

difference – that is, the degree of change – is the same as the change rate between 2017 and 2019, though in a negative rather than positive direction. Based on the prior historical trend, with sustained academic recovery efforts, we can expect a similar rate of increased achievement in the coming years as we return to educational environments with fewer disruptions to student learning.

At the state level, there is an observed decrease in the percent of students at or above the Developing Learner level from 2019 to 2021, ranging from 2 percentage points to 15 percentage points. While overall state performance is slightly lower, performance varies across systems and schools. Additional information on student performance in the state and by system and school can be found in the state, system, and school aggregate reports on the [GaDOE assessment results website](#). Note that due to the cancelation of Spring 2020 testing in response to the COVID-19 pandemic, achievement data for Spring 2020 are not available.

When considering achievement by subgroup, it is helpful to consider these results in the context of achievement in prior years. Achievement changes by subgroup vary for this year, across grades, content areas, courses, and the impact of this year on achievement did not result in a consistent pattern or degree of decreased achievement. While comparisons across years must be made with caution, using the context of this year's pandemic-related learning disruptions, achievement in prior years provides some reference for whether any disparity in achievement observed is unique to this year. Students with disabilities had relatively fewer achievement decreases as compared to students without disabilities; English learners had relatively fewer achievement decreases as compared to students not classified as English learners; and achievement changes by gender are similar and unpatterned. Achievement decreases did vary by race/ethnicity, with Black and Hispanic students demonstrating slightly higher declines in achievement as compared to other racial/ethnic subgroups. However, achievement changes by race/ethnicity must be interpreted with the context of percent of enrolled students tested, which varies across group, and intersects with the regional differences in pandemic-related learning disruptions. See Appendix B for further information on achievement by demographic subgroup.

Table 3. Spring 2021 EOG - Achievement level distributions

Grade	Content Area	Number of Students	% Tested	% Beginning Learner	% Developing Learner	% Proficient Learner	% Distinguished Learner
3	English Language Arts	97,496	79	38	26	25	11
	Mathematics	97,162	79	24	37	28	10
4	English Language Arts	97,138	78	32	32	26	11
	Mathematics	96,767	78	25	32	30	13
5	English Language Arts	97,467	77	27	34	33	6
	Mathematics	97,134	76	33	33	22	13
	Science	96,734	76	35	27	29	10
6	English Language Arts	91,727	69	31	27	33	9
	Mathematics	91,421	69	31	39	22	8
7	English Language Arts	88,812	65	30	31	32	7
	Mathematics	88,309	65	26	38	25	12
8	English Language Arts	83,232	61	25	33	32	9
	Mathematics	81,371	59	33	35	22	10
	Science	59,627	60	46	27	20	7
	Social Studies	81,542	60	26	39	26	9

Table 4. 2020-2021 EOC - Achievement level distributions

Content Area	Number of Students	% Tested	% Beginning Learner	% Developing Learner	% Proficient Learner	% Distinguished Learner
Algebra I	83,168	60	39	31	24	6
American Literature & Composition	66,102	58	35	35	27	2
Biology	85,489	59	33	26	30	10
Coordinate Algebra	11,192	62	38	33	23	6
Physical Science	23,203	62	25	22	39	14
United States History	59,861	55	35	36	25	5



Table 5. EOG – Summary of achievement 2017-2021

Grade	Content Area	Number of Students				% Tested	% Developing Learner and Above				% Proficient Learner and Above			
		2017	2018	2019	2021	2021	2017	2018	2019	2021	2017	2018	2019	2021
3	English Language Arts	136,165	134,162	129,231	97,496	79	70	67	71	62	36	37	42	36
	Mathematics	136,744	134,084	129,156	97,162	79	80	83	82	76	42	46	52	38
4	English Language Arts	135,638	136,228	133,547	97,138	78	73	73	75	69	42	41	42	37
	Mathematics	136,235	136,134	133,486	96,767	78	82	84	82	75	45	47	49	43
5	English Language Arts	132,869	137,152	136,513	97,467	77	74	76	76	73	38	41	45	39
	Mathematics	133,496	137,102	136,458	97,134	76	75	75	76	67	37	39	41	35
	Science	133,261	136,906	136,269	96,734	76	69	70	70	65	39	39	43	38
6	English Language Arts	129,451	133,021	136,673	91,727	69	70	69	74	69	40	39	46	42
	Mathematics	129,851	132,890	136,626	91,421	69	76	76	78	69	38	38	40	30
7	English Language Arts	129,015	130,420	133,259	88,812	65	71	71	72	70	37	38	39	39
	Mathematics	129,065	129,840	132,796	88,309	65	78	77	78	74	42	43	43	36
8	English Language Arts	127,630	125,086	124,745	83,232	61	79	79	80	75	42	43	47	41
	Mathematics	105,534	104,741	103,388	81,371	59	76	75	73	67	34	34	35	32
	Science	96,505	96,512	94,788	59,627	60	57	61	62	54	29	30	32	27
	Social Studies	126,936	128,869	130,182	81,542	60	75	77	78	74	39	41	41	35

Table 6. EOC - Summary of achievement 2017-2021

Content Area	Number of Students				% Tested	% Developing Learner and Above				% Proficient Learner and Above			
	2017	2018	2019	2021	2021	2017	2018	2019	2021	2017	2018	2019	2021
American Literature & Composition	101,517	99,809	97,588	66,102	58	81	80	80	65	49	47	47	30
Coordinate Algebra	24,500	18,587	17,951	11,192	62	70	70	69	62	31	32	34	29
Algebra I	103,276	106,329	106,106	83,168	60	71	72	73	61	35	38	41	30
Biology	107,875	103,845	104,640	85,489	59	70	72	71	67	45	49	49	41
Physical Science	87,544	77,889	75,060	23,203	62	67	73	74	75	39	43	47	53
United States History	97,576	98,088	93,028	59,861	55	75	76	78	65	45	47	48	30

Notes:  
 Due to rounding, percentages may not total to 100%.  
 2021 results include outcomes from the Fall/Winter 2020 and Spring 2021 EOC administrations. Prior years include Spring EOC administrations only.  
 % Tested indicates the percent of students who took the assessment out of the students who were enrolled.  
 Beginning in 2020-2021, Physical Science is only administered to 8th grade students enrolled in the High School Physical Science course.

## Interpretation and local guidance

When interpreting summaries of Georgia Milestones achievement from 2020-2021 remember the following:

**Individual** student results should be interpreted as one measure of a student's mastery of the knowledge and skills outlined in Georgia's academic content standards. These scores are most meaningful when considered in the context of learning and any associated extenuating factors. For example, a student's performance may classify them as a Developing Learner, indicating the student mastered some, but not all, of the academic content standards. However, these scores cannot indicate whether the student had the opportunity to learn *all* of the content standards or whether, due to pandemic-related learning disruptions, the student only had the opportunity to learn *some* of the content standards. In the context of the pandemic, many school districts had to prioritize which content standards could be delivered. The Georgia Milestones assessments were designed to measure achievement following instruction on all of the state's academic content standards.

**Summaries** of results by student group, school, system, and state should likewise be interpreted as one measure of mastery of the knowledge and skills outlined in the state's academic content standards. These scores should not be used as a part of a longitudinal trend analysis without including context of this year's pandemic and associated learning disruptions, and varying access to instruction. Any difference in outcomes as compared to prior years cannot be interpreted in isolation from the impact of pandemic-related disruptions to teaching and learning. Additionally, participation rates and representativeness across demographic subgroups should be considered, and extra caution should be taken when interpreting a summary of achievement which comprises a low percentage of enrolled students tested or comprises an unrepresentative sample based on demographics or prior achievement.

Additionally, system and school leaders and other stakeholders using these data are encouraged to:

1. Consider the **percentage of the total population tested** and take extra caution in interpretation in cases where a low percentage of the enrolled student population was tested at a given school or system; and
2. Consider the **representativeness and prior achievement of the tested population** and take extra caution in interpretation in cases where differences indicate the students who did test this year may not be representative of your total student population; and
3. **Avoid punitive or accountability applications** of these outcomes; and
4. Contextualize any changes in achievement with any **local complexities** your systems and schools may have faced within this last year (e.g. mode of instruction, enrollment rates, attendance rates).

While this atypical year marks a deviation from Georgia's trend of increased achievement, these decreases are relatively minor given the magnitude of learning disruptions students and educators experienced this school year. As we return to educational environments with fewer disruptions to learning, and engage in academic recovery efforts, these decreases are likely to be recovered. Even though Georgia's participation rates are lower than in past years, these assessment results present an opportunity (in combination with other data) to inform the type of supports students, educators, and schools need to be successful. Overall, these results meet the rigorous **reliability** standards of the Georgia Milestones

assessment program and are **valid** when interpreted in context: as one measure of a student's achievement towards mastery of the state's academic content standards in the face of unprecedented challenges.

## Appendix A

Percent of enrolled students tested by demographic subgroup

*Table 7. Percent of enrolled grade 3-8 students tested in 2021 by gender*

	ELA		Mathematics		Science		Social Studies	
	Male	Female	Male	Female	Male	Female	Male	Female
Grade 3	79	79	79	78				
Grade 4	77	78	77	77				
Grade 5	76	76	76	76	76	75		
Grade 6	70	68	70	68				
Grade 7	67	63	66	63				
Grade 8	63	58	61	57	61	57	61	57

*Table 8. Percent of students enrolled in a course with a required EOC assessment tested in 2020-2021 by gender*

Course	Percent of enrolled students tested	
	Male	Female
Algebra I	60	59
American Literature & Composition	59	56
Biology	59	57
Coordinate Algebra	59	60
Physical Science	63	58
United States History	57	53

Table 9. Percent of enrolled grade 3-8 students tested in 2021 by race/ethnicity

	ELA							Mathematics							Science							Social Studies								
	Black	Hispanic	American Indian or Alaska Native	Multiracial	Native Hawaiian or Other Pacific Islander	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Native Hawaiian or Other Pacific Islander	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Native Hawaiian or Other Pacific Islander	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Native Hawaiian or Other Pacific Islander	Asian	White		
Grade 3	63	84	73	80	73	78	91	63	84	73	79	73	78	91																
Grade 4	61	83	68	79	72	79	91	61	83	67	78	70	79	90																
Grade 5	60	82	71	77	65	76	89	59	82	71	77	65	76	89	59	81	70	76	64	76	89									
Grade 6	52	75	64	69	65	67	84	52	74	65	69	65	68	84																
Grade 7	47	71	59	66	56	63	80	47	71	60	66	54	62	80																
Grade 8	45	65	54	60	57	52	75	44	64	51	58	55	47	73	44	66	51	60	52	56	75	43	64	52	59	54	52	74		

Table 10. Percent of students enrolled in a course with a required EOC assessment tested in 2020-2021 by race/ethnicity

Course	Percent of enrolled students tested						
	Black	Hispanic	American Indian or Alaska Native	Multiracial	Native Hawaiian or Other Pacific Islander	Asian	White
Algebra I	47	59	59	59	53	56	73
American Literature & Composition	48	57	52	58	54	44	68
Biology	48	58	61	59	55	41	70
Coordinate Algebra	45	63	42	63	44	57	80
Physical Science	42	58	59	56	76	52	74
United States History	46	55	53	54	47	45	64

Table 11. Percent of enrolled grade 3-8 students tested in 2021 by English learner status

	ELA		Mathematics		Science		Social Studies	
	EL	Not EL	EL	Not EL	EL	Not EL	EL	Not EL
Grade 3	84	78	84	77				
Grade 4	84	76	83	76				
Grade 5	82	75	82	75	82	74		
Grade 6	75	68	75	68				
Grade 7	71	64	71	64				
Grade 8	67	60	67	58	69	59	66	59

Note: EL= English Learner

Table 12. Percent of students enrolled in a course with a required EOC assessment tested in 2020-2021 by English learner status

Course	Percent of enrolled students tested	
	EL	Not EL
Algebra I	57	60
American Literature & Composition	57	57
Biology	57	58
Coordinate Algebra	56	60
Physical Science	59	60
United States History	55	55

Note: EL= English Learner

Table 13. Percent of enrolled grade 3-8 students tested in 2021 by student with disability status

	ELA		Mathematics		Science		Social Studies	
	SWD	Not SWD	SWD	Not SWD	SWD	Not SWD	SWD	Not SWD
Grade 3	79	79	79	78				
Grade 4	78	77	78	77				
Grade 5	76	76	76	76	76	75		
Grade 6	69	69	69	69				
Grade 7	66	65	65	65				
Grade 8	62	60	62	59	62	59	61	59

Note: SWD= Student With Disability

Table 14. Percent of students enrolled in a course with a required EOC assessment tested in 2020-2021 by student with disability status

Course	Percent of enrolled students tested	
	SWD	Not SWD
Algebra I	56	60
American Literature & Composition	58	57
Biology	58	58
Coordinate Algebra	53	60
Physical Science	57	60
United States History	57	54

Note: SWD= Student With Disability

## Appendix B

### Achievement by demographic subgroup

Table 15. Spring 2021 EOG - Achievement level distributions by gender

Grade	Content Area	% Beginning Learner		% Developing Learner		% Proficient Learner		% Distinguished Learner	
		Male	Female	Male	Female	Male	Female	Male	Female
3	English Language Arts	41	34	26	26	23	26	10	13
	Mathematics	24	25	36	39	29	27	12	9
4	English Language Arts	36	27	32	32	24	28	9	13
	Mathematics	25	26	30	34	31	30	15	10
5	English Language Arts	30	23	34	34	30	36	5	8
	Mathematics	33	32	30	35	22	22	15	11
	Science	36	34	25	28	29	29	10	9
6	English Language Arts	36	26	27	27	30	37	7	11
	Mathematics	32	29	38	40	22	22	9	8
7	English Language Arts	35	24	30	31	29	36	5	9
	Mathematics	26	25	36	40	25	24	13	11
8	English Language Arts	30	19	34	33	29	36	7	12
	Mathematics	35	31	33	37	21	22	11	9
	Science	46	45	26	28	20	21	8	6
	Social Studies	27	26	37	41	26	25	10	8



Table 16. EOG – Summary of achievement 2019-2021 by gender

Grade	Content Area	% Developing Learner and Above				% Proficient Learner and Above			
		2019	2021	2019	2021	2019	2021	2019	2021
		Male		Female		Male		Female	
3	English Language Arts	68	59	74	66	38	33	46	39
	Mathematics	82	76	83	75	52	41	51	36
4	English Language Arts	71	64	79	73	37	33	48	41
	Mathematics	82	75	83	74	52	46	47	40
5	English Language Arts	72	70	81	77	40	35	50	44
	Mathematics	74	67	77	68	41	37	40	33
	Science	68	64	72	66	42	39	43	38
6	English Language Arts	69	64	79	74	40	37	52	48
	Mathematics	76	68	80	71	38	31	41	30
7	English Language Arts	66	65	88	76	33	34	45	45
	Mathematics	76	74	80	75	42	38	44	35
8	English Language Arts	75	70	85	81	40	36	55	48
	Mathematics	70	65	76	69	32	32	37	31
	Science	61	54	64	55	33	28	32	27
	Social Studies	77	73	80	74	41	36	40	33

Table 17. Spring 2021 EOC - Achievement level distributions by gender

Content Area	% Beginning Learner		% Developing Learner		% Proficient Learner		% Distinguished Learner	
	Male	Female	Male	Female	Male	Female	Male	Female
Algebra I	42	35	28	32	22	26	7	7
American Literature & Composition	43	33	33	35	22	30	2	3
Biology	36	30	24	27	29	32	11	11
Coordinate Algebra	39	36	32	35	23	24	7	5
Physical Science	26	24	20	24	38	40	16	12
United States History	33	36	33	38	28	23	6	3

Table 18. EOC - Summary of achievement 2019-2021 by gender

Content Area	% Developing Learner and Above				% Proficient Learner and Above			
	2019	2021	2019	2021	2019	2021	2019	2021
	Male		Female		Male		Female	
Algebra I	69	58	77	65	38	29	44	33
American Literature & Composition	76	57	84	67	42	24	52	33
Biology	69	64	77	70	47	40	50	43
Coordinate Algebra	65	61	74	64	31	30	36	29
Physical Science	73	74	75	76	47	54	45	52
United States History	79	67	77	64	52	34	45	26

Table 19. Spring 2021 EOG - Achievement level distributions by race/ethnicity

Grade	Content Area	% Beginning Learner						% Developing Learner						% Proficient Learner						% Distinguished Learner					
		Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White
3	English Language Arts	55	48	42	31	16	25	25	28	18	28	19	27	16	19	26	28	34	32	4	6	14	13	31	16
	Mathematics	41	30	27	19	8	12	40	43	34	39	20	35	16	22	25	31	37	38	3	5	14	11	35	15
4	English Language Arts	47	40	38	28	12	19	32	35	29	33	21	31	17	20	22	28	34	34	4	6	12	11	33	16
	Mathematics	42	32	26	22	8	13	36	36	36	33	16	29	19	26	25	33	37	40	3	6	13	12	40	19
5	English Language Arts	41	36	26	20	11	15	36	37	32	35	20	33	21	25	40	38	46	43	2	3	3	7	23	9
	Mathematics	53	40	33	28	11	18	33	36	37	35	17	33	12	18	18	24	30	30	3	6	12	13	42	18
	Science	54	44	31	28	14	21	27	28	32	28	18	27	17	23	31	32	40	38	3	5	5	12	28	14
6	English Language Arts	47	40	26	25	11	20	28	29	32	27	15	26	22	27	35	38	44	42	3	4	6	10	31	12
	Mathematics	50	37	30	26	9	18	38	42	39	41	21	40	10	17	22	24	33	31	2	4	9	9	38	12
7	English Language Arts	44	38	27	25	10	20	32	32	34	31	17	30	21	26	32	36	46	41	2	3	8	8	27	9
	Mathematics	43	32	24	20	7	14	41	43	38	40	17	36	13	20	27	26	31	33	3	5	12	13	44	17
8	English Language Arts	38	33	25	19	10	16	36	36	36	34	19	32	22	26	29	36	41	39	4	5	10	11	29	13
	Mathematics	53	40	28	28	11	20	34	37	41	37	22	36	11	18	18	24	29	30	3	5	13	11	38	14
	Science	64	52	43	39	26	32	23	27	32	28	24	30	11	17	17	24	30	28	2	4	8	8	20	11
	Social Studies	42	35	29	21	10	16	40	41	42	41	28	38	15	19	20	29	38	33	3	5	9	9	24	13

Table 20. EOG - Summary of achievement 2019-2021 by race/ethnicity

Grade	Content Area	% Developing Learner and Above											% Proficient Learner and Above												
		2019						2021					2019						2021						
		Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White
3	English Language Arts	58	64	74	78	88	74	45	52	58	69	84	75	27	31	43	50	69	56	20	25	40	41	65	48
	Mathematics	73	80	80	87	96	91	59	70	73	81	92	88	35	45	50	58	72	66	19	27	39	42	72	53
4	English Language Arts	63	71	76	81	91	86	53	60	62	72	88	81	28	35	46	48	73	56	21	26	34	39	67	50
	Mathematics	72	81	84	87	95	91	58	68	74	78	92	87	31	44	50	55	83	65	22	32	38	45	77	59
5	English Language Arts	66	72	77	83	91	86	59	64	74	80	89	85	31	36	44	53	74	59	23	28	43	45	69	52
	Mathematics	63	73	72	81	94	86	47	60	67	72	89	82	24	34	42	47	79	55	15	24	30	37	72	48
	Science	55	66	72	77	90	83	46	56	69	72	86	79	26	36	40	51	74	59	20	28	36	44	68	52
6	English Language Arts	63	68	73	80	90	84	53	60	74	75	89	80	32	38	46	54	77	60	25	31	41	48	75	54
	Mathematics	65	77	83	84	95	89	50	63	70	74	91	82	22	33	41	45	79	54	12	21	31	33	71	43
7	English Language Arts	61	65	71	78	89	83	56	62	73	75	90	80	25	29	39	44	70	52	23	29	40	44	73	50
	Mathematics	65	75	77	82	94	89	57	68	76	80	93	86	24	36	40	47	78	59	16	25	39	39	75	50
8	English Language Arts	72	74	80	86	92	89	62	67	75	81	90	84	34	37	48	54	75	61	26	31	39	47	70	52
	Mathematics	62	71	76	77	82	85	47	60	72	72	89	80	22	29	33	39	61	49	14	23	31	35	67	44
	Science	51	55	58	69	79	76	36	48	57	61	74	68	21	24	30	38	56	46	13	21	25	32	50	39
	Social Studies	67	73	77	83	92	88	58	65	71	79	90	84	25	32	39	45	72	54	18	24	29	38	62	46

Table 21. Spring 2021 EOC - Achievement level distributions by race/ethnicity

Content Area	% Beginning Learner						% Developing Learner						% Proficient Learner						% Distinguished Learner					
	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White
Algebra I	56	47	37	35	11	28	28	31	33	31	18	32	14	19	24	27	35	31	2	3	6	7	37	9
American Literature & Composition	52	45	37	33	31	27	32	34	35	35	29	35	15	19	26	29	35	34	1	1	1	2	5	3
Biology	51	40	41	27	14	21	26	27	23	26	17	25	19	26	32	33	38	39	4	6	4	14	31	15
Coordinate Algebra	55	49	-	27	22	19	31	33	-	40	25	35	13	15	-	26	32	35	1	2	-	7	21	11
Physical Science	41	45	24	20	10	15	25	24	20	26	15	22	29	26	49	39	45	47	5	5	7	15	29	17
United States History	50	40	29	30	27	23	34	36	34	37	34	36	14	21	32	28	32	34	2	3	5	5	7	7

Table 22. EOC - Summary of achievement 2019-2021 by race/ethnicity

Content Area	% Developing Learner and Above												% Proficient Learner and Above											
	2019						2021						2019						2021					
	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White	Black	Hispanic	American Indian or Alaska Native	Multiracial	Asian	White
Algebra I	59	69	77	77	94	83	44	53	63	65	89	72	24	34	44	45	81	54	16	22	30	34	72	40
American Literature & Composition	69	76	82	87	90	90	48	55	63	67	69	73	30	38	46	55	71	64	16	20	27	31	40	37
Biology	57	64	79	78	91	85	49	60	59	73	86	79	31	39	55	56	79	65	23	32	36	47	69	54
Coordinate Algebra	57	66	70	78	82	87	45	51	-	73	78	81	19	28	40	42	52	56	14	17	-	33	53	46
Physical Science	59	69	72	80	92	86	59	55	76	80	90	85	28	39	47	53	78	61	34	31	56	54	74	64
United States History	67	75	78	84	89	89	50	60	71	70	73	77	32	41	50	52	71	63	16	24	37	33	39	41

Table 23. Spring 2021 EOG - Achievement level distributions by English learner status

Grade	Content Area	% Beginning Learner		% Developing Learner		% Proficient Learner		% Distinguished Learner	
		EL	Not EL	EL	Not EL	EL	Not EL	EL	Not EL
3	English Language Arts	52	35	27	26	17	26	5	13
	Mathematics	32	22	42	37	20	30	6	11
4	English Language Arts	43	29	34	31	18	27	6	12
	Mathematics	34	23	35	31	24	32	7	14
5	English Language Arts	39	24	36	34	22	35	3	7
	Mathematics	42	31	34	33	17	23	7	14
	Science	47	32	27	27	21	30	5	11
6	English Language Arts	48	28	29	26	20	36	2	10
	Mathematics	43	28	41	39	13	24	3	9
7	English Language Arts	50	27	33	30	16	35	1	8
	Mathematics	41	23	42	37	14	26	3	13
8	English Language Arts	57	22	32	34	10	34	1	10
	Mathematics	59	30	30	36	8	23	2	11
	Science	73	43	18	28	8	22	2	7
	Social Studies	56	24	34	39	9	27	1	10

Note: EL= English Learner

Table 24. EOG – Summary of achievement 2019-2021 by English learner status

Grade	Content Area	% Developing Learner and Above				% Proficient Learner and Above			
		2019	2021	2019	2021	2019	2021	2019	2021
		EL		Not EL		EL		Not EL	
3	English Language Arts	55	48	73	65	18	22	45	39
	Mathematics	74	68	84	78	36	26	54	41
4	English Language Arts	58	57	77	71	17	24	45	39
	Mathematics	73	66	83	77	30	31	51	46
5	English Language Arts	45	61	79	76	8	25	48	42
	Mathematics	54	58	77	69	14	24	43	37
	Science	40	53	72	68	13	26	45	41
6	English Language Arts	25	52	76	72	6	22	48	46
	Mathematics	46	57	80	72	9	16	41	33
7	English Language Arts	22	50	74	73	3	17	40	43
	Mathematics	42	59	80	77	10	17	44	39
8	English Language Arts	28	43	82	78	4	11	49	44
	Mathematics	42	41	75	70	10	10	46	34
	Science	21	27	64	57	6	10	33	29
	Social Studies	31	44	80	76	4	10	42	37

Note: EL= English Learner

Table 25. Spring 2021 EOC - Achievement level distributions by English learner status

Content Area	% Beginning Learner		% Developing Learner		% Proficient Learner		% Distinguished Learner	
	EL	Not EL	EL	Not EL	EL	Not EL	EL	Not EL
Algebra I	65	36	22	32	10	25	2	7
American Literature & Composition	75	33	21	36	4	29	0	3
Biology	69	31	20	27	10	32	2	11
Coordinate Algebra	70	33	22	35	7	25	1	7
Physical Science	70	22	17	23	11	41	2	14
United States History	68	32	24	36	7	26	1	5

Note: EL= English Learner

Table 26. EOC - Summary of achievement 2019-2021 by English learner status

Content Area	% Developing Learner and Above				% Proficient Learner and Above			
	2019	2021	2019	2021	2019	2021	2019	2021
	EL		Not EL		EL		Not EL	
Algebra I	38	35	74	64	13	12	42	32
American Literature & Composition	28	25	82	67	4	4	49	32
Biology	27	31	73	69	9	12	51	43
Coordinate Algebra	38	30	72	67	9	8	36	32
Physical Science	29	30	75	78	9	13	48	55
United States History	36	32	80	68	9	8	50	31

Note: EL= English Learner



Table 27. Spring 2021 EOG - Achievement level distributions by student with disability status

Grade	Content Area	% Beginning Learner		% Developing Learner		% Proficient Learner		% Distinguished Learner	
		SWD	Not SWD	SWD	Not SWD	SWD	Not SWD	SWD	Not SWD
3	English Language Arts	65	34	21	27	11	26	3	13
	Mathematics	48	21	34	38	15	31	4	11
4	English Language Arts	62	27	25	33	10	28	3	12
	Mathematics	54	21	28	32	14	33	4	14
5	English Language Arts	61	22	28	35	10	36	1	7
	Mathematics	63	28	25	34	9	24	4	14
	Science	63	31	22	27	13	31	3	11
6	English Language Arts	71	25	20	28	9	37	1	10
	Mathematics	66	25	27	41	6	24	1	9
7	English Language Arts	71	24	21	32	8	36	1	8
	Mathematics	60	21	31	39	7	27	2	13
8	English Language Arts	63	19	28	34	8	35	1	11
	Mathematics	69	28	23	37	6	24	1	11
	Science	76	40	16	29	7	23	1	8
	Social Studies	60	22	30	40	9	28	2	10

Note: SWD= Student With Disability

Table 28. EOG – Summary of achievement 2019-2021 by student with disability status

Grade	Content Area	% Developing Learner and Above				% Proficient Learner and Above			
		2019	2021	2019	2021	2019	2021	2019	2021
		SWD		Not SWD		SWD		Not SWD	
3	English Language Arts	41	35	75	66	16	14	45	39
	Mathematics	54	52	86	79	25	19	55	42
4	English Language Arts	41	38	80	73	14	13	36	40
	Mathematics	52	46	86	79	21	18	53	47
5	English Language Arts	40	39	82	78	13	11	49	43
	Mathematics	40	37	81	72	13	13	45	38
	Science	39	37	74	69	18	16	46	42
6	English Language Arts	36	29	79	75	11	10	50	47
	Mathematics	43	34	83	75	11	7	44	33
7	English Language Arts	32	29	77	76	8	9	45	44
	Mathematics	42	40	83	79	11	9	47	40
8	English Language Arts	42	37	85	81	11	9	52	46
	Mathematics	41	31	79	72	10	7	39	35
	Science	30	24	68	60	10	8	36	31
	Social Studies	45	40	83	78	12	11	44	38

Note: SWD= Student With Disability

Table 29. Spring 2021 EOC - Achievement level distributions by student with disability status

Content Area	% Beginning Learner		% Developing Learner		% Proficient Learner		% Distinguished Learner	
	SWD	Not SWD	SWD	Not SWD	SWD	Not SWD	SWD	Not SWD
Algebra I	73	34	20	31	6	27	1	8
American Literature & Composition	74	33	21	36	5	28	0	2
Biology	68	29	20	26	10	33	2	12
Coordinate Algebra	70	34	23	34	5	25	1	7
Physical Science	66	22	17	23	14	41	3	14
United States History	61	31	25	37	12	27	2	5

Note: SWD= Student With Disability

Table 30. EOC - Summary of achievement 2019-2021 by student with disability status

Content Area	% Developing Learner and Above				% Proficient Learner and Above			
	2019	2021	2019	2021	2019	2021	2019	2021
	SWD		Not SWD		SWD		Not SWD	
Algebra I	34	27	77	66	9	7	45	35
American Literature & Composition	39	26	84	67	9	5	51	30
Biology	31	32	77	71	13	12	53	45
Coordinate Algebra	31	30	73	66	8	6	37	32
Physical Science	35	34	88	78	13	17	50	55
United States History	44	39	82	69	17	14	52	32

Note: SWD= Student With Disability