



2020 – 2021 Mississippi Academic Assessment Program (MAAP) Results

Executive Summary

**Carey M. Wright, Ed.D.
State Superintendent of Education**

September 2021

2020 – 2021 MAAP Assessment Results: September 2021

Office of the Chief Accountability Officer

- Dr. Paula Vanderford, Chief Accountability Officer
- Dr. Jackie Sampsell, State Assessment Director
- Elizabeth Cook, MAAP Program Coordinator and Mathematics Content Specialist
- Melissa Beck, K-3 Assessment Coordinator

For questions related to the administration of the 2020 – 2021 MAAP Assessments, please contact:

Dr. Jackie Sampsell, State Assessment Director
Office of Student Assessment
jsampsell@mdek12.org

Elizabeth Cook, MAAP Program Coordinator and Mathematics Content Specialist
Office of Student Assessment
ecook@mdek12.org

Melissa Beck, K-3 Assessment Coordinator
Office of Student Assessment
mbeck@mdek12.org

The Mississippi State Board of Education, the Mississippi Department of Education, the Mississippi School for the Arts, the Mississippi Schools for the Blind and Deaf, and the Mississippi School for Mathematics and Science do not discriminate on the basis of race, sex, color, religion, national origin, age, or disability in the provision of educational programs and services or employment opportunities and benefits. The following office has been designated to handle inquiries and complaints regarding the non-discrimination policies of the above-mentioned entities:

Director, Office of Human Resources
Mississippi Department of Education
359 North West Street
Suite 203
Jackson, Mississippi 39201
(601) 359-3511

Table of Contents

2021 Executive Summary4

2021 Overall Top 10 and Bottom 10 Districts by Subject Area8

Mathematics Results and Key Findings.....11

English Language Arts (ELA) Results and Key Findings16

Science Results and Key Findings21

U.S. History Results and Key Findings.....25

2021 Participation Rates and Key Findings28

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2021 Executive Summary

Overview: School Years 2019 – 2020 and 2020 – 2021

- Traditional, in-person student learning was suspended in March 2020 of the 2019 – 2020 school year due to the COVID-19 pandemic.
- As a result of school closures in the Spring of 2020 and a waiver granted by the United States Department of Education (ED), statewide assessments were not administered in the Spring of 2020 for the 2019 – 2020 school year.
- In the Fall of 2020, districts were provided three (3) options for the safe reopening of schools: traditional, hybrid, or virtual.
- During the 2019 – 2020 and the 2020 – 2021 school years, the impact of COVID-19 has disrupted many facets of education including instruction and assessment. Among other factors, these disruptions may have influenced a student’s opportunity to learn, assessment administration conditions, and/or motivation.
- At the beginning of the 2020 – 2021 school year, the State Board of Education (SBE) and the Mississippi Department of Education (MDE) issued guidance requiring the administration of all federal and statewide assessments to all eligible students. In addition, the MDE provided districts with pandemic-related flexibilities to administer statewide assessments during the 2020 – 2021 school year, since remote testing was not available.
- During the 2020 – 2021 school year, schools provided safe, on-site testing environments to all students, including full-time virtual students.
- During the 2020 – 2021 school year, students enrolled in Grade 3 were required to take the assessments but were not required to meet a passing score on the reading assessment to be promoted to Grade 4 as required by the *Literacy Based Promotion Act*.
- Students enrolled in Algebra I, English II, Biology, and/or U.S. History during the 2020 – 2021 school year were required to take the corresponding end-of-course (EOC) assessment(s) but were not required to meet a passing score.

Overall Findings for the 2020 – 2021 School Year

- Overall proficiency for Mathematics and English Language Arts (ELA) in 2021 decreased from 2019.
- For 2021, the overall participation rate for Mathematics, ELA, Science, and U.S. History was 96.9%. A participation rate of 95% or higher is required by state and federal policy; however, ED waived participation requirements for the 2020 – 2021 school year.

Mathematics

- The overall proficiency in Mathematics in 2021 was 35.1% compared to 47.4% in 2019.
- In 2021, 84,027 of all tested students scored Level 4 or higher (35.1%), compared to 118,659 of all tested students (47.4%) in 2019.
- In 2021, 31 districts had greater than 45.0% of all students scoring at Level 4 or higher compared to 60 districts in 2019.

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

- In 2021, 154,176 of all tested students scored at Level 3 or higher (64.3%) compared to 196,298 of all tested students (78.4%) in 2019.
- In 2021, 27,961 of all tested students scored at Level 1 (11.9%) compared to 13,600 of all tested students (5.4%) in 2019.
- In 2021, the overall participation rate for Grades 3 through 8 Mathematics and Algebra I was 96.9%.

English Language Arts (ELA)

- The overall proficiency in ELA in 2021 was 34.9% compared to from 41.6% in 2019.
- In Grade 8, the proficiency rate in 2021 increased by 0.1% (35.6%) as compared to 35.5% in 2019.
- In 2021, 81,434 of all tested students scored Level 4 or higher (34.9%) compared to 104,139 of all tested students (41.6%) in 2019.
- In 2021, 20 districts had greater than 45.0% of all students scoring at Level 4 or higher. compared to 48 districts in 2019.
- In 2021, 155,656 of all tested students scored at Level 3 or higher (66.5%) compared to 188,824 of all tested students (75.5%) in 2019.
- In 2021, 25,551 of all tested students scored at Level 1 (10.9%) compared to 15,549 of all tested students (6.2%) in 2019.
- In 2021, the overall participation rate for Grades 3 through 8 ELA and English II was 97.2%.

Science

- In 2021, 50,125 of all tested students scored at Level 4 or higher (50.0%) compared to 58,212 of all tested students (55.3%) in 2019.
- In 2021, 68 districts had greater than 45.0% of all students scoring at Level 4 or higher compared to 81 districts in 2019.
- In 2021, 74,469 of all tested students scored at Level 3 or higher (75.5%) compared to 82,828 of all tested students (78.6%) in 2019.
- In 2021, 14,282 of all tested students scored at Level 1 (8.5%) compared to 9,526 of all tested students (9.0%) in 2019.
- In 2021, the overall participation rate for Grades 5 and 8 Science and Biology was 95.6%.

U.S. History

- The new U.S. History assessment was administered during the 2020 – 2021 school year. During the standard setting process five (5) performance levels were established. Prior to the 2020 – 2021 school year, the U.S. History assessment had four (4) performance levels.
- In 2021, 65 districts had greater than 45.0% of all tested students scoring at Level 4 (proficient) or higher compared to 87 districts with 45.0% of all students scoring at Level 3 (proficient) or higher in 2019.
- In 2021, 15,201 of all tested students scored at Level 4 or higher (47.4%) compared to 17,230 of all tested students scoring at Level 3 (proficient) or higher (55.5%) in 2019,
- In 2021, 1,413 of all tested students scored at Level 1 (4.4%) compared to 6,527 of all tested students scoring at Level 1 (21.0%) in 2019.
- In 2021, the overall participation rate for U.S. History was 96.5%.

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

What is MAAP?

- The Mississippi Academic Assessment Program (MAAP) measures students’ knowledge, skills, and academic growth from elementary through high school.
- Student progress is measured from annual assessments in Grades 3 through 8 Mathematics and English Language Arts (ELA), Grades 5 and 8 Science, and in End-of-Course (EOC) assessments in Algebra I, English II, Biology, and U.S. History.
- MAAP assessments are designed to inform parents about how their child is progressing and to provide teachers with information to guide instruction.

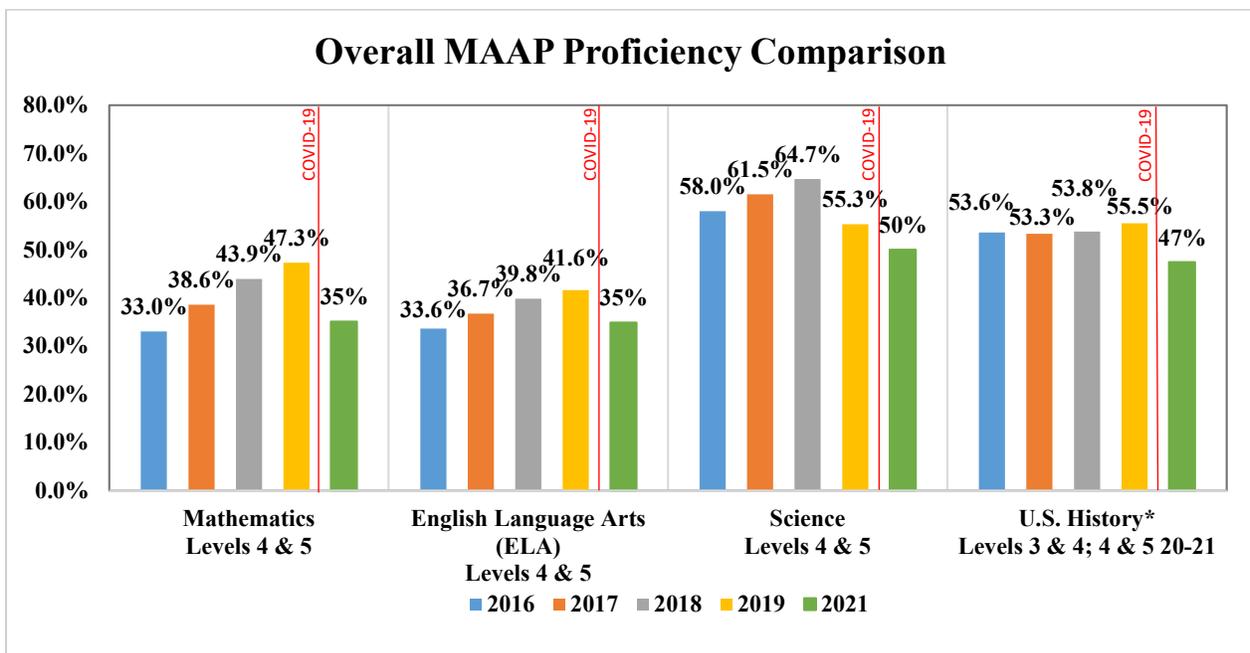
MAAP 2020 – 2021 Administration

Fall 2020 MAAP EOC Assessments	November 11, 2020 – January 15, 2021
Spring 2021 MAAP Assessments	March 29 – May 28, 2021

- MAAP was administered online for all students.
- Students with disabilities and English learners were afforded testing accommodations including paper-pencil forms, if needed.

MAAP Reporting

- MAAP results are reported in two ways for Mathematics, ELA, Science, and U.S. History. Each student receives a scale score and a performance level (*Minimal, Basic, Pass, Proficient, or Advanced*). Prior to the 2020 – 2021 administration and standard setting process, the U.S. History assessment had four (4) performance levels (*Minimal, Basic, Proficient, Advanced*).
- The 2021 assessment results include all students tested during the 2020 – 2021 school year.
- Assessment results for re-testers are not included in this report.



*U.S. History was a new assessment for 2020 – 2021 with five (5) performance levels. Previous U.S. History assessments (2016 – 2019) had four (4) performance levels. Five (5) performance levels were established for the Science assessment in 2019.

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

Comparison of grade-level results from 2018 – 2019 and 2020 – 2021:

Grade	Mathematics			English Language Arts (ELA)		
	2018 – 2019 Proficient or Advanced	2020 – 2021 Proficient or Advanced	Change	2018 – 2019 Proficient or Advanced	2020 – 2021 Proficient or Advanced	Change
Grade 3	51.4%	34.9%	-16.5%	48.3%	34.8%	-13.5%
Grade 4	48.8%	33.2%	-15.6%	48.5%	37.2%	-11.3%
Grade 5	38.9%	33.4%	-5.5%	43.1%	41.5%	-1.6%
Grade 6	47.6%	35.0%	-12.6%	33.6%	29.6%	-4.0%
Grade 7	51.1%	41.7%	-9.4%	39.0%	30.7%	-8.3%
Grade 8	44.8%	34.3%	-10.5%	35.5%	35.6%	0.1%
English II				43.8%	34.9%	-8.9%
Algebra I	49.3%	33.2%	-16.1%			
Overall	47.4%	35.1%	-12.3%	41.6%	34.9%	-6.7%

Comparison of EOC pass rates from 2018 – 2019 and 2020 – 2021:

End-of-Course Assessment	2018–19 Total Passing	2018–19 % Passing	2020–21 Total Passing	2020–21 % Passing	% Difference
Algebra I	28,422	87.1%	27,434	73.5%	-13.6%
English II	24,283	76.4%	19,518	60.9%	-15.5%
Biology	25,747	78.3%	23,607	73.7%	-4.6%
U.S. History	24,528	79.0%	23,649	73.7%	-5.3%

2018 – 2019 Average Scale Score Summary:

Mathematics		English Language Arts (ELA)		Science and U.S. History	
Grade	Average Scale Score	Test/Grade	Average Scale Score	Test/Grade	Average Scale Score
Grade 3	364.4	Grade 3	363.7	Grade 5 Science	568.3
Grade 4	464.5	Grade 4	463.3	Grade 8 Science	867.5
Grade 5	561.4	Grade 5	561.3	Biology	1071.5
Grade 6	663.5	Grade 6	658.2	U.S. History	647.5
Grade 7	767.8	Grade 7	760.5		
Grade 8	863.2	Grade 8	859.3		
Algebra I	1065.7	English II	1061.7		

2020 – 2021 Average Scale Score Summary: †Five (5) PLs established for U.S. History

Mathematics		English Language Arts (ELA)		Science and U.S. History	
Grade	Average Scale Score	Test/Grade	Average Scale Score	Test/Grade	Average Scale Score
Grade 3	356.4	Grade 3	356.6	Grade 5 Science	568.7
Grade 4	455.7	Grade 4	457.0	Grade 8 Science	865.4
Grade 5	558.2	Grade 5	560.9	Biology	1062.5
Grade 6	657.1	Grade 6	655.7	U.S. History†	1064.8
Grade 7	763.0	Grade 7	757.5		
Grade 8	856.9	Grade 8	858.4		
Algebra I	1060.2	English II	1057.2		

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2021 Overall Top 10 and Bottom 10 Districts by Subject Area

(Districts that do not contain all grade levels are noted.)

Overall Mathematics Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Petal School District	68.2%	Mississippi Schools for the Blind and Deaf	< 5.0%
Ocean Springs School District	64.4%	Yazoo City Municipal School District	< 5.0%
Union Public School District	60.0%	Smilow Collegiate (Grade 3)	< 5.0%
Biloxi Public School District	59.6%	North Panola School District	< 5.0%
Enterprise School District	58.5%	Humphreys County School District	< 5.0%
Neshoba County School District	58.4%	Noxubee County School District	< 5.0%
Clinton Public School District	58.0%	West Tallahatchie School District	< 5.0%
Rankin County School District	56.1%	Holmes County Consolidated School District	< 5.0%
Monroe County School District	55.0%	Wilkinson County School District	< 5.0%
Madison County School District	54.5%	Greenville Public School District	< 5.0%

Overall English Language Arts (ELA) Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Mississippi School for Mathematics and Science (Grades 11 and 12)	95.2%	Mississippi Schools for the Blind and Deaf	< 5.0%
Ocean Springs School District	58.7%	Yazoo City Municipal School District	5.5%
Petal School District	56.7%	East Tallahatchie Consolidated School District	5.9%
Madison County School District	54.7%	Holmes County Consolidated School District	8.0%
Clinton Public School District	52.7%	North Panola School District	8.0%
Pass Christian Public School District	51.3%	Leflore Legacy Academy (Grade 6)	8.5%
Enterprise School District	50.1%	Humphreys County School District	8.8%
Long Beach School District	49.7%	Clarksdale Collegiate Public Charter (Grades 3 and 4)	9.0%
Oxford School District	48.8%	West Bolivar Consolidated School District	9.4%
Rankin County School District	48.6%	Reimagine Prep (Grades 5-8)	10.0%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

Overall Science Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	%PL 4 & 5
Ocean Springs School District	79.0%	Mississippi Schools for the Blind and Deaf	< 5.0%
Pass Christian Public School District	75.3%	Yazoo City Municipal School District	8.8%
Biloxi Public School District	73.7%	West Tallahatchie School District	9.6%
Enterprise School District	72.9%	Holmes County Consolidated School District	10.1%
Petal School District	72.6%	West Bolivar Consolidated School District	10.4%
New Albany School District	71.6%	North Bolivar Consolidated School District	11.5%
Jackson County School District	70.9%	East Tallahatchie Consolidated School District	11.7%
George County School District	69.6%	North Panola School District	12.4%
Madison County School District	69.4%	Humphreys County School District	13.4%
Union County School District	69.1%	Wilkinson County School District	14.2%

Overall U.S. History Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	%PL 4 & 5	Bottom 10 Districts	%PL 4 & 5
Mississippi School for Mathematics and Science (Grades 11 and 12)	97.7%	North Panola School District	6.3%
Mississippi School of the Arts (Grades 11 and 12)	90.9%	Aberdeen School District	7.9%
Ocean Springs School District	80.2%	Leland School District	9.3%
Petal School District	73.3%	Holmes County Consolidated School District	9.7%
Union Public School District	72.6%	Yazoo City Municipal School District	10.3%
New Albany Public School District	72.6%	South Pike School District	10.7%
Pass Christian Public School District	71.3%	Humphreys County School District	11.2%
Biloxi Public School District	70.0%	Coffeetown School District	12.5%
Jackson County School District	68.9%	Claiborne County School District	13.1%
Lamar County School District	68.8%	Hazlehurst City School District	13.8%

Note: Beginning with 2020 – 2021, U.S. History has five (5) performance levels.

The following districts were in the top ten in all four subject areas:

Ocean Springs School District
Petal School District

The following districts were in the top ten in both Mathematics and ELA:

Clinton Public School District
Enterprise School District
Madison County School District
Ocean Springs School District
Petal School District
Rankin County School District

The following districts were in the bottom ten in all four subject areas:

Holmes County Consolidated School District
Humphreys County School District
North Panola School District
Yazoo City Municipal School District

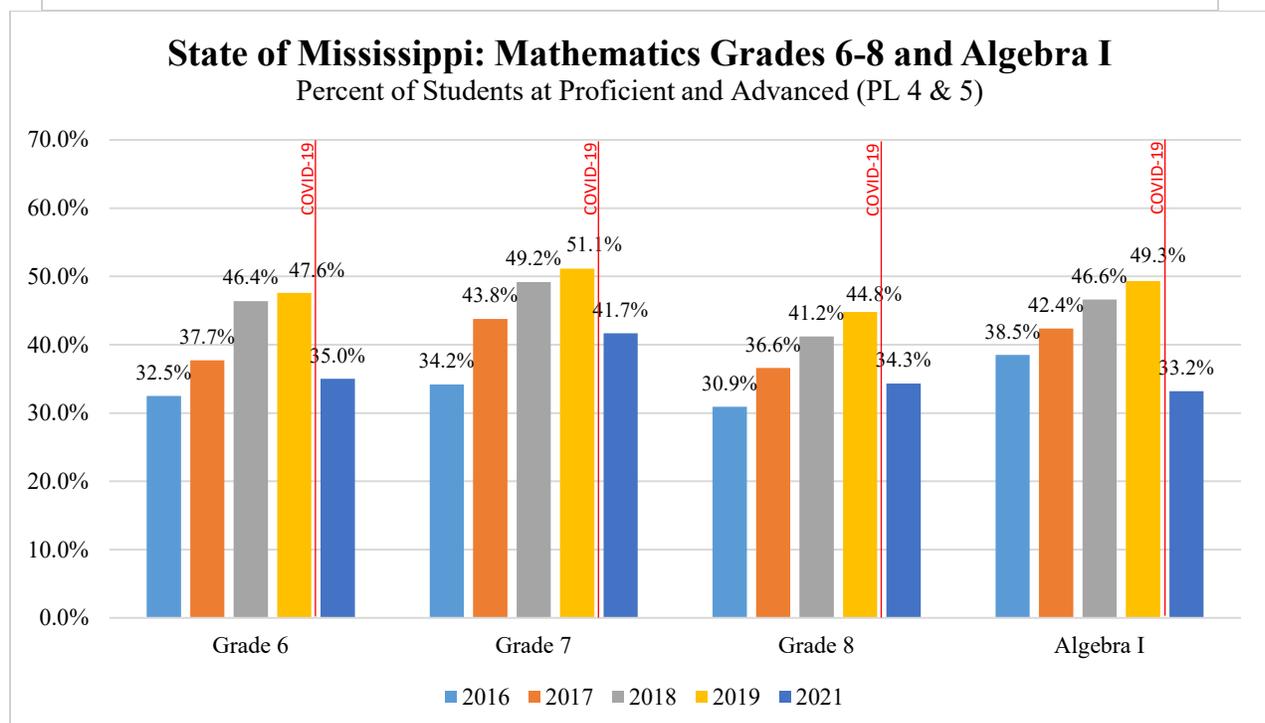
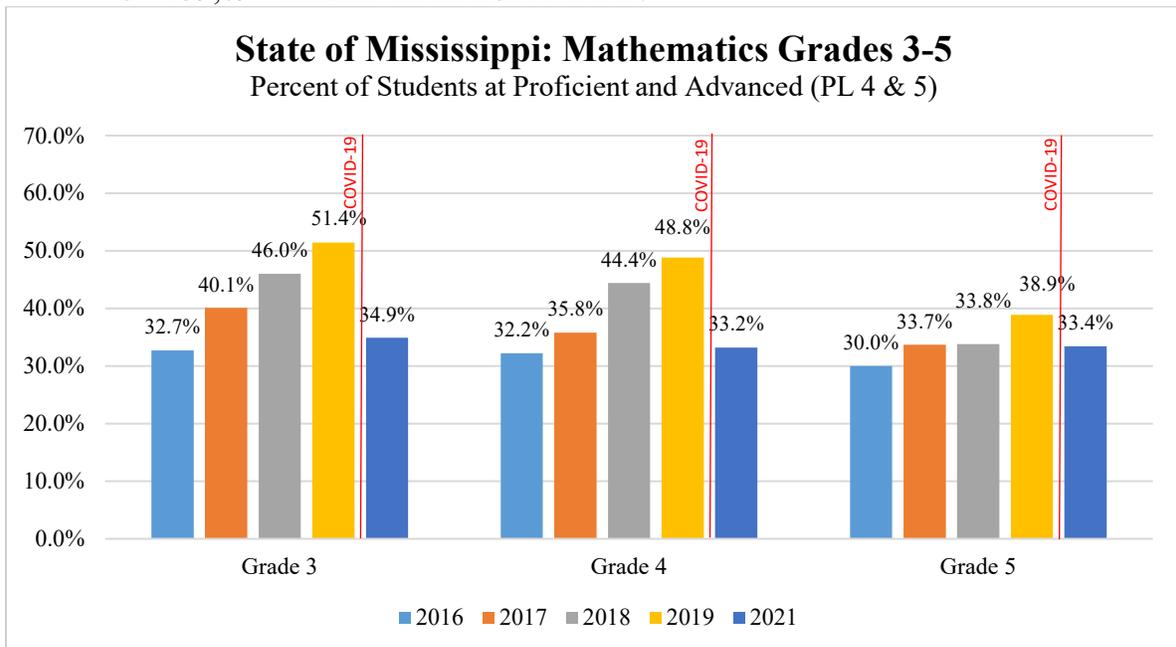
The following districts were in the bottom ten in both Mathematics and ELA:

Holmes County Consolidated School District
Humphreys County School District
Mississippi Schools for the Blind and Deaf
North Panola School District
Yazoo City Municipal School District

Mathematics Results and Key Findings

Number of Mathematics Students Tested

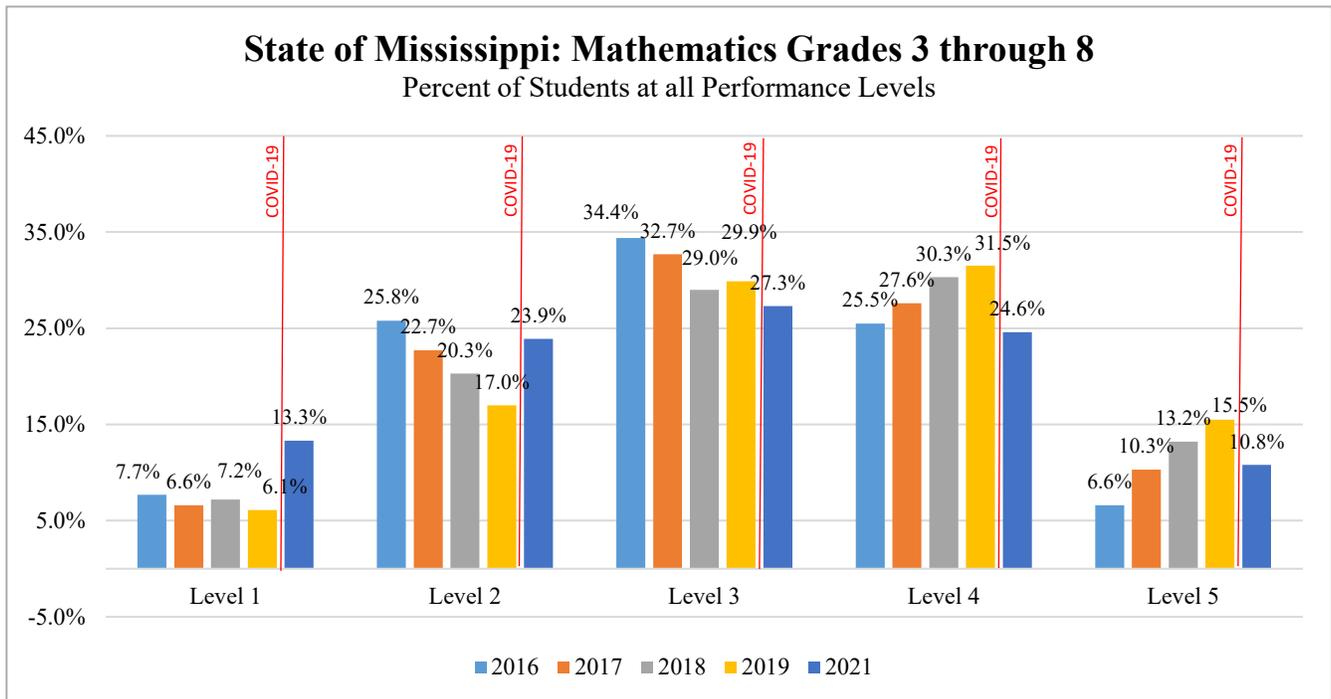
- In 2021, the overall participation rate for Grades 3 through 8 and Algebra I was 96.9%.
- In Grades 3 through 8 and Algebra I, the total number of students participating and receiving scale scores was:
 - 248,341 students on the 2016 MAAP;
 - 251,951 students on the 2017 MAAP;
 - 253,519 students on the 2018 MAAP;
 - 250,689 students on the 2019 MAAP; and
 - 239,094 students on the 2021 MAAP.



Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2021 Findings for Mathematics

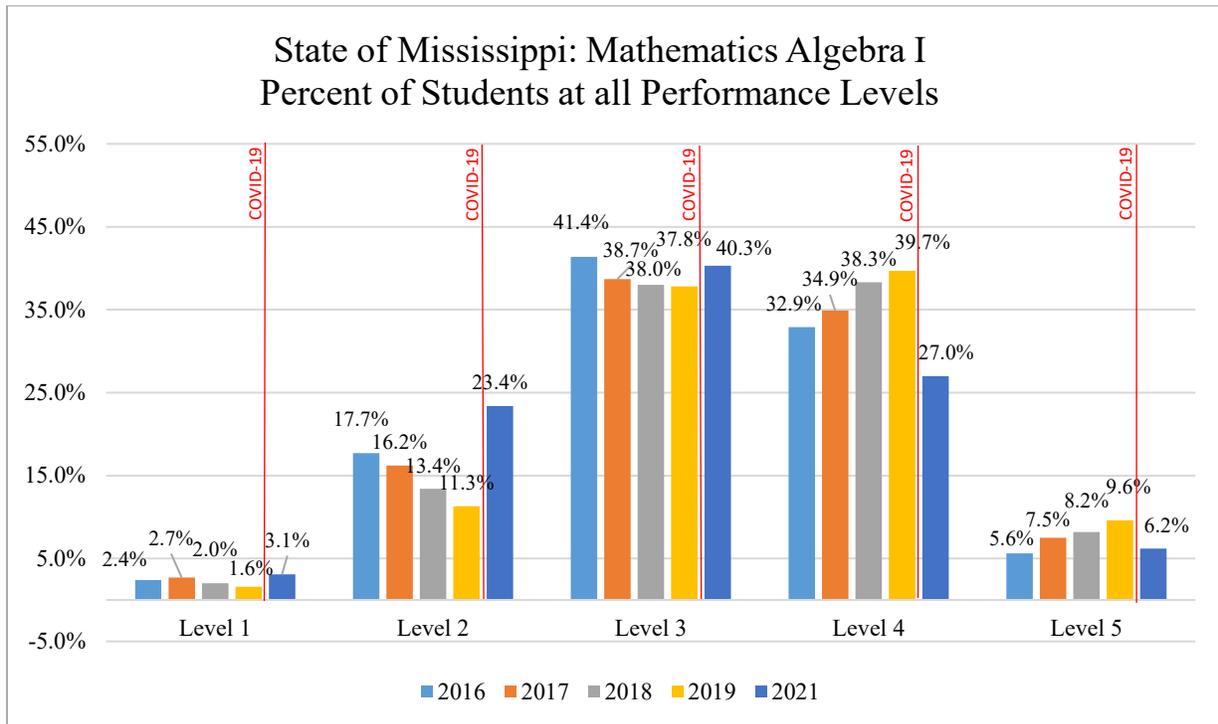
- Mathematics showed decline in proficiency at all grade levels.
- In 2021, 84,027 of all tested students scored Level 4 or higher (35.1%).
In 2019, 118,659 of all tested students scored Level 4 or higher (47.4%).
- In 2021, 31 districts had greater than 45.0% of all students scoring at Level 4 or higher.
In 2019, 60 districts had greater than 45.0% of all students scoring at Level 4 or higher.
- In 2021, 154,176 of all tested students scored at Level 3 or higher (64.3%).
In 2019, 196,298 of all tested students scored at Level 3 or higher (78.4%).
- In 2021, 27,961 of all tested students scored at Level 1 (11.9%).
In 2019, 13,600 of all tested students scored at Level 1 (5.4%).



Grades 3 through 8 Mathematics Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Petal School District	70.6%	Mississippi Schools for the Blind and Deaf	< 5.0%
Enterprise School District	62.4%	Yazoo City Municipal School District	< 5.0%
Ocean Springs School District	62.3%	Smilow Collegiate (Grade 3)	< 5.0%
Neshoba County School District	61.6%	Coffeerville School District	< 5.0%
Clinton Public School District	61.5%	Humphreys County School District	< 5.0%
Union Public School District	61.0%	North Panola School District	< 5.0%
Biloxi Public School District	58.8%	Holmes County Consolidated School District	< 5.0%
Rankin County School District	57.0%	West Tallahatchie School District	< 5.0%
Long Beach School District	55.0%	Noxubee County School District	< 5.0%
Madison County School District	54.6%	Greenville Public School District	< 5.0%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary



Algebra I Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Ocean Springs School District	77.1%	Kemper County School District	< 5.0%
New Albany Public School District	72.5%	North Bolivar Consolidated School District	< 5.0%
Chickasaw County School District	66.7%	North Panola School District	< 5.0%
Biloxi Public School District	64.8%	Noxubee County School District	< 5.0%
Pass Christian Public School District	62.4%	West Tallahatchie School District	< 5.0%
George County School District	62.2%	West Bolivar Consolidated School District	< 5.0%
Lafayette County School District	61.1%	Yazoo City Municipal School District	< 5.0%
Monroe County School District	59.1%	South Pike School District	< 5.0%
Jackson County School District	56.9%	Hazlehurst City School District	< 5.0%
Pearl River County School District	56.5%	Wilkinson County School District	< 5.0%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

MAAP Mathematics Historical Data

2020 – 2021 MAAP Mathematics Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	14.3%	26.1%	24.7%	22.3%	12.6%	34.9%	59.7%	31,846
Grade 4	16.9%	24.7%	25.2%	23.1%	10.1%	33.2%	58.4%	33,187
Grade 5	11.0%	23.8%	31.8%	21.0%	12.4%	33.4%	65.2%	31,180
Grade 6	15.3%	23.8%	25.8%	24.9%	10.1%	35.0%	60.8%	34,488
Grade 7	2.9%	22.3%	33.2%	31.4%	10.4%	41.7%	74.9%	35,617
Grade 8	19.5%	23.0%	23.3%	25.0%	9.3%	34.3%	57.6%	35,458
Algebra I	3.1%	23.4%	40.3%	27.0%	6.2%	33.2%	73.5%	37,318
Grand Total	11.9%	23.9%	29.2%	24.9%	10.2%	35.1%	64.3%	239,094
2018 – 2019 MAAP Mathematics Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	6.3%	17.3%	25.0%	32.5%	18.9%	51.4%	76.4%	35,250
Grade 4	5.0%	17.1%	29.1%	30.1%	18.7%	48.8%	77.9%	36,970
Grade 5	6.3%	15.3%	39.5%	25.4%	13.5%	38.9%	78.4%	38,138
Grade 6	6.3%	16.5%	29.6%	35.5%	12.1%	47.6%	77.2%	38,137
Grade 7	2.3%	16.8%	29.8%	34.8%	16.3%	51.1%	80.9%	35,255
Grade 8	9.9%	19.5%	25.8%	31.0%	13.8%	44.8%	70.6%	34,319
Algebra I	1.6%	11.3%	37.8%	39.7%	9.6%	49.3%	87.1%	32,620
Grand Total	5.4%	16.3%	31.0%	32.6%	14.7%	47.4%	78.3%	250,689
2017 – 2018 MAAP Mathematics Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	4.7%	20.6%	28.7%	34.3%	11.7%	46.0%	74.7%	37,818
Grade 4	6.9%	19.8%	28.9%	29.4%	15.0%	44.4%	73.4%	38,689
Grade 5	6.8%	20.9%	38.5%	23.1%	10.7%	33.8%	72.2%	38,585
Grade 6	8.0%	18.6%	27.0%	31.6%	14.8%	46.4%	73.4%	35,437
Grade 7	4.6%	21.2%	25.0%	34.0%	15.2%	49.2%	74.2%	35,275
Grade 8	12.0%	20.6%	26.2%	29.4%	11.7%	41.2%	67.4%	34,960
Algebra I	2.0%	13.4%	38.0%	38.3%	8.2%	46.6%	84.6%	32,755
Grand Total	6.4%	19.3%	30.3%	31.4%	12.5%	43.9%	74.3%	253,519
2016 – 2017 MAAP Mathematics Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	6.4%	21.4%	32.1%	31.2%	8.8%	40.1%	72.2%	39,485
Grade 4	8.6%	23.7%	31.9%	25.6%	10.2%	35.8%	67.7%	39,068
Grade 5	7.0%	21.0%	38.2%	22.7%	11.0%	33.7%	71.9%	35,730
Grade 6	4.7%	22.8%	34.7%	28.9%	8.8%	37.7%	72.5%	35,601
Grade 7	4.3%	23.2%	28.6%	31.0%	12.8%	43.8%	72.5%	35,733
Grade 8	8.3%	24.3%	30.9%	26.0%	10.5%	36.6%	67.4%	34,408
Algebra I	2.7%	16.2%	38.7%	34.9%	7.5%	42.4%	81.1%	31,926
Grand Total	6.0%	21.8%	33.6%	28.6%	9.9%	38.6%	72.2%	251,951

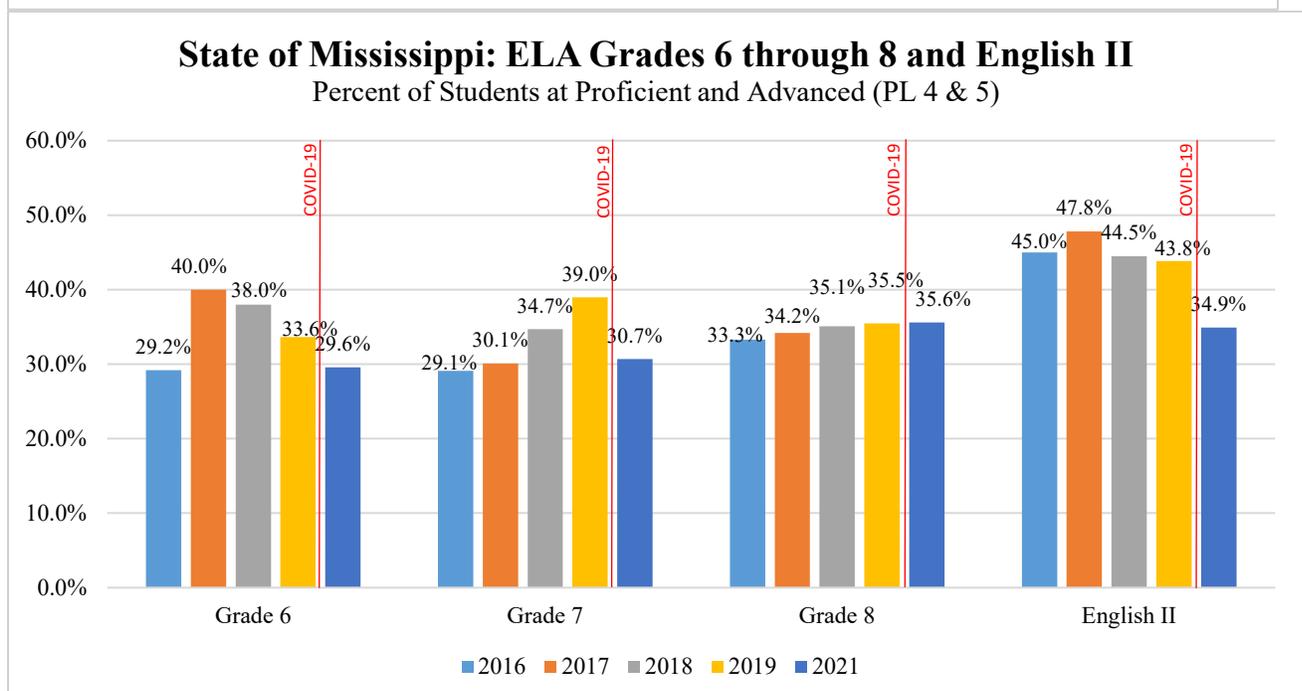
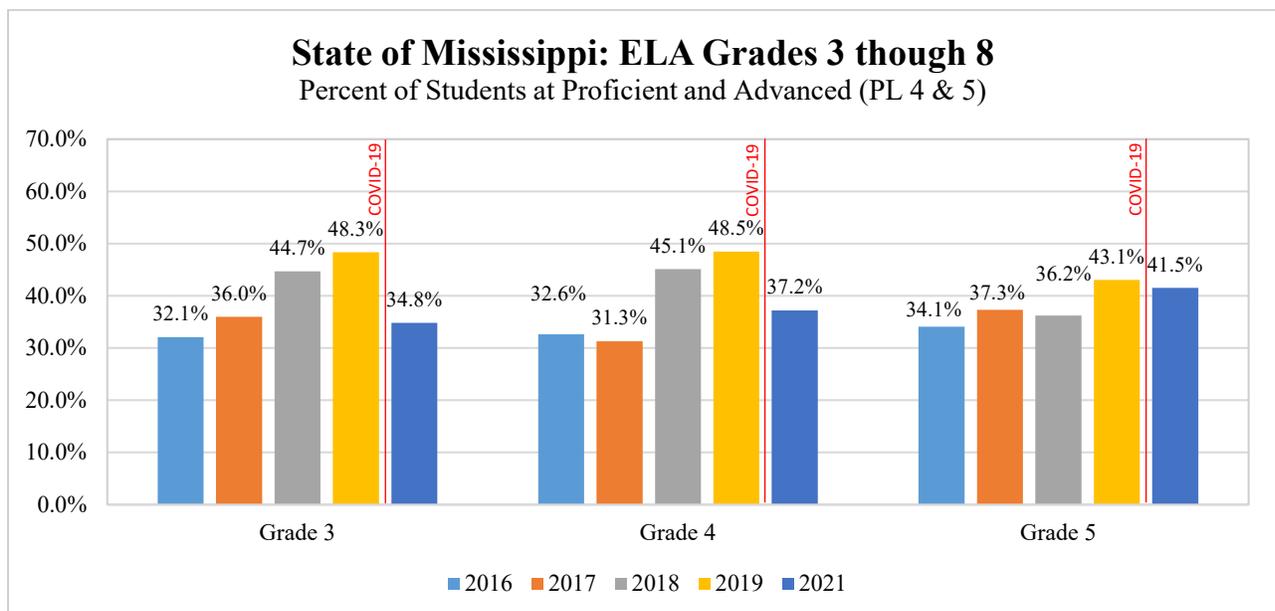
Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2015 – 2016 MAAP Mathematics Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	8.7%	26.0%	32.6%	25.6%	7.2%	32.7%	65.4%	40,581
Grade 4	7.7%	26.4%	33.7%	25.6%	6.6%	32.2%	65.9%	35,986
Grade 5	7.5%	22.7%	39.9%	21.6%	8.3%	30.0%	69.9%	35,933
Grade 6	7.7%	25.3%	34.5%	27.1%	5.4%	32.5%	67.0%	35,965
Grade 7	6.3%	25.4%	34.1%	28.6%	5.5%	34.2%	68.3%	35,268
Grade 8	8.3%	29.0%	31.8%	24.5%	6.4%	30.9%	62.7%	35,312
Algebra I	2.4%	17.7%	41.4%	32.9%	5.6%	38.5%	79.9%	29,296
Grand Total	6.9%	24.6%	35.4%	26.6%	6.4%	33.0%	68.4%	248,341

English Language Arts (ELA) Results and Key Findings

Number of ELA Students Tested

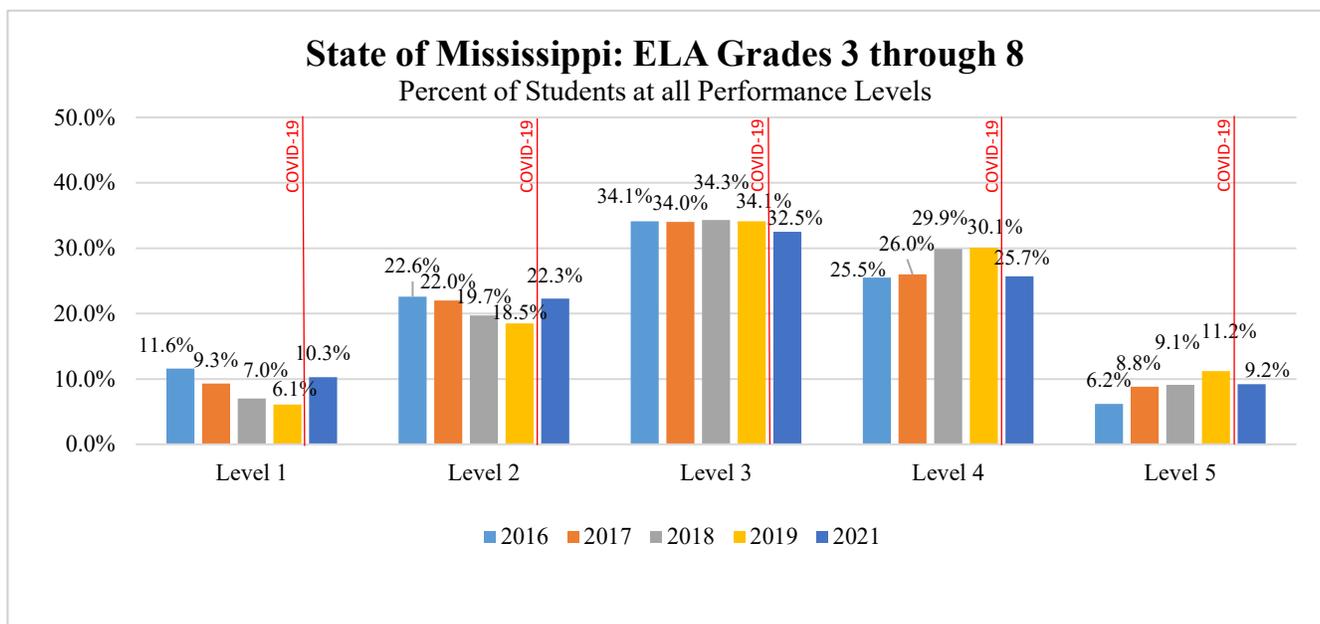
- In 2021, the overall participation rate for Grades 3 through 8 and English II was 97.2%.
- In Grades 3 through 8 and English II, the total number of students participating and receiving scale scores was:
 - 253,453 students on the 2016 MAAP,
 - 253,738 students on the 2017 MAAP,
 - 253,409 students on the 2018 MAAP,
 - 250,050 students on the 2019 MAAP, and
 - 234,233 students on the 2021 MAAP.



Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2021 Findings for English Language Arts (ELA)

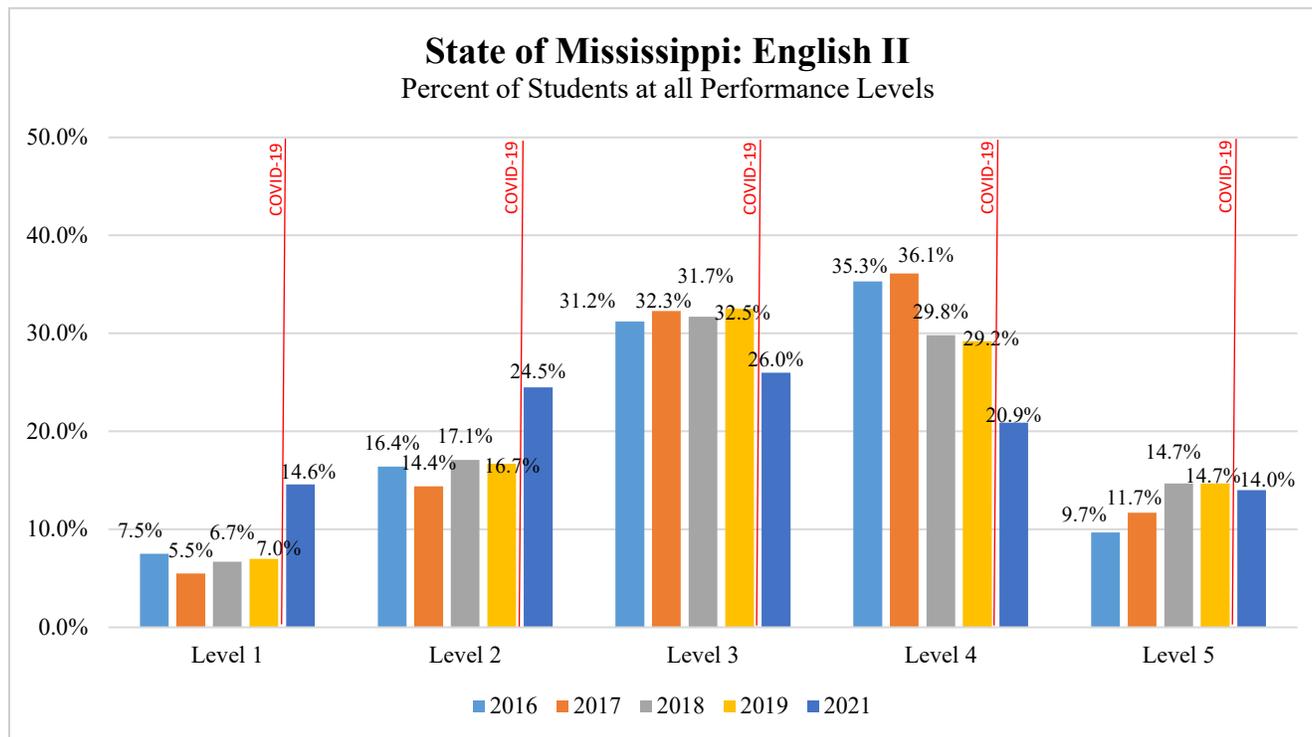
- For Grade 8, the proficiency rate in 2021 increased by 0.1% (35.6%) as compared to 35.5% in 2019.
- In 2021, 81,434 of all tested students scored Level 4 or higher (34.9%).
In 2019, 104,139 of all tested students scored at Level 4 or higher (41.6%).
- In 2021, 20 districts had greater than 45.0% of all students scoring at Level 4 or higher.
In 2019, 48 districts had greater than 45.0% of all students scoring at Level 4 or higher.
- In 2021, 155,656 of all tested students scored at Level 3 or higher (66.5%).
In 2019, 188,824 of all tested students scored at Level 3 or higher (75.5%).
- In 2021, 25,551 of all tested students scored at Level 1 (10.9%).
In 2019, 15,549 of all tested students scored at Level 1 (6.2%).



Grades 3 through 8 ELA Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Petal School District	57.9%	Mississippi Schools for the Blind and Deaf	< 5.0%
Ocean Springs School District	57.8%	Yazoo City Municipal School District	5.2%
Madison County School District	55.8%	East Tallahatchie Consolidated School District	5.8%
Clinton Public School District	53.7%	Holmes County Consolidated School District	7.8%
Enterprise School District	51.7%	Leflore Legacy Academy (Grade 6)	8.5%
Long Beach School District	50.4%	North Panola School District	8.5%
Pass Christian Public School District	49.7%	Humphreys County School District	8.7%
Rankin County School District	49.6%	Clarksdale Collegiate Public Charter (Grades 3 and 4)	9.0%
Union County School District	49.2%	West Bolivar Consolidated School District	9.1%
Oxford School District	48.7%	Wilkinson County School District	10.0%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary



English II Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Mississippi School for Mathematics and Science (Grades 11 and 12)	95.2%	South Delta School District	< 5.0%
Ocean Springs School District	63.8%	North Panola School District	5.1%
Pass Christian Public School District	59.6%	West Tallahatchie School District	5.7%
New Albany Public School District	54.9%	East Tallahatchie Consolidated School District	6.6%
Biloxi Public School District	53.6%	Coahoma County School District	6.9%
Lamar County School District	53.2%	Yazoo City Municipal School District	8.1%
Booneville School District	52.3%	Holmes County Consolidated School District	8.8%
Jackson County School District	51.7%	Humphreys County School District	9.1%
Oxford School District	49.7%	Hazlehurst City School District	10.0%
Petal School District	49.0%	West Bolivar Consolidated School District	10.7%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

MAAP English Language Arts (ELA) Historical Data

2020 – 2021 MAAP English Language Arts Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	12.9%	25.0%	27.3%	27.7%	7.0%	34.8%	62.1%	31,940
Grade 4	9.0%	28.5%	25.3%	26.9%	10.3%	37.2%	62.5%	33,260
Grade 5	8.6%	14.0%	36.0%	32.7%	8.8%	41.5%	77.5%	31,228
Grade 6	10.1%	26.3%	34.0%	21.2%	8.4%	29.6%	63.7%	34,547
Grade 7	7.4%	24.0%	37.9%	18.9%	11.8%	30.7%	68.6%	35,637
Grade 8	13.9%	16.0%	34.5%	26.9%	8.7%	35.6%	70.1%	35,552
English II	14.6%	24.5%	26.0%	20.9%	14.0%	34.9%	60.9%	32,069
Grand Total	10.9%	22.6%	31.6%	25.0%	9.9%	34.9%	66.5%	234,233
2018 – 2019 MAAP English Language Arts Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	6.5%	16.8%	28.4%	37.1%	11.2%	48.3%	76.7%	35,288
Grade 4	4.5%	21.1%	26.0%	35.5%	13.0%	48.5%	74.5%	36,983
Grade 5	7.1%	16.6%	33.3%	30.4%	12.6%	43.1%	76.3%	38,153
Grade 6	6.9%	24.2%	35.3%	22.1%	11.5%	33.6%	68.9%	38,168
Grade 7	3.7%	19.4%	37.9%	24.5%	14.5%	39.0%	76.9%	35,284
Grade 8	8.0%	12.4%	44.2%	31.6%	3.9%	35.5%	79.6%	34,379
English II	7.0%	16.7%	32.5%	29.2%	14.7%	43.8%	76.4%	31,795
Grand Total	6.2%	18.3%	33.9%	30.0%	11.6%	41.6%	75.5%	250,050
2017 – 2018 MAAP English Language Arts Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	7.2%	18.0%	30.1%	38.4%	6.3%	44.7%	74.8%	37,825
Grade 4	3.6%	22.5%	28.9%	35.8%	9.3%	45.1%	74.0%	38,696
Grade 5	5.7%	17.2%	41.0%	30.6%	5.6%	36.2%	77.1%	38,592
Grade 6	6.9%	22.1%	33.0%	24.0%	14.0%	38.0%	71.0%	35,460
Grade 7	7.5%	22.2%	35.5%	22.0%	12.8%	34.7%	70.2%	35,294
Grade 8	11.3%	16.1%	37.5%	28.6%	6.6%	35.1%	72.6%	34,978
English II	6.7%	17.1%	31.7%	29.8%	14.7%	44.5%	76.2%	32,564
Grand Total	7.0%	19.3%	34.0%	29.9%	9.9%	39.8%	73.7%	253,409
2016 – 2017 MAAP English Language Arts Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	7.5%	24.0%	32.4%	28.8%	7.2%	36.0%	68.5%	39,505
Grade 4	6.1%	30.4%	32.3%	27.7%	3.6%	31.3%	63.5%	39,075
Grade 5	9.1%	18.1%	35.6%	29.4%	7.9%	37.3%	72.8%	35,728
Grade 6	11.0%	20.8%	28.3%	23.8%	16.2%	40.0%	68.3%	35,582
Grade 7	8.6%	21.9%	39.5%	20.5%	9.6%	30.1%	69.6%	35,743
Grade 8	13.5%	16.6%	35.7%	25.5%	8.6%	34.2%	69.8%	34,405
English II	5.5%	14.4%	32.3%	36.1%	11.7%	47.8%	80.1%	33,700
Grand Total	8.8%	20.9%	33.7%	27.4%	9.3%	36.7%	70.4%	253,738

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2015 – 2016 MAAP English Language Arts Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 3	9.4%	25.7%	32.8%	27.3%	4.8%	32.1%	64.9%	40,558
Grade 4	7.0%	27.3%	33.1%	29.4%	3.2%	32.6%	65.7%	35,984
Grade 5	13.5%	18.2%	34.2%	28.2%	5.9%	34.1%	68.3%	35,936
Grade 6	16.3%	24.0%	30.5%	21.7%	7.5%	29.2%	59.7%	35,980
Grade 7	9.9%	23.2%	37.8%	20.8%	8.3%	29.1%	66.9%	35,290
Grade 8	13.6%	17.0%	36.1%	25.5%	7.8%	33.3%	69.4%	35,330
English II	7.5%	16.4%	31.2%	35.3%	9.7%	45.0%	76.1%	34,375
Grand Total	11.0%	21.7%	33.7%	26.9%	6.7%	33.6%	67.3%	253,453

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

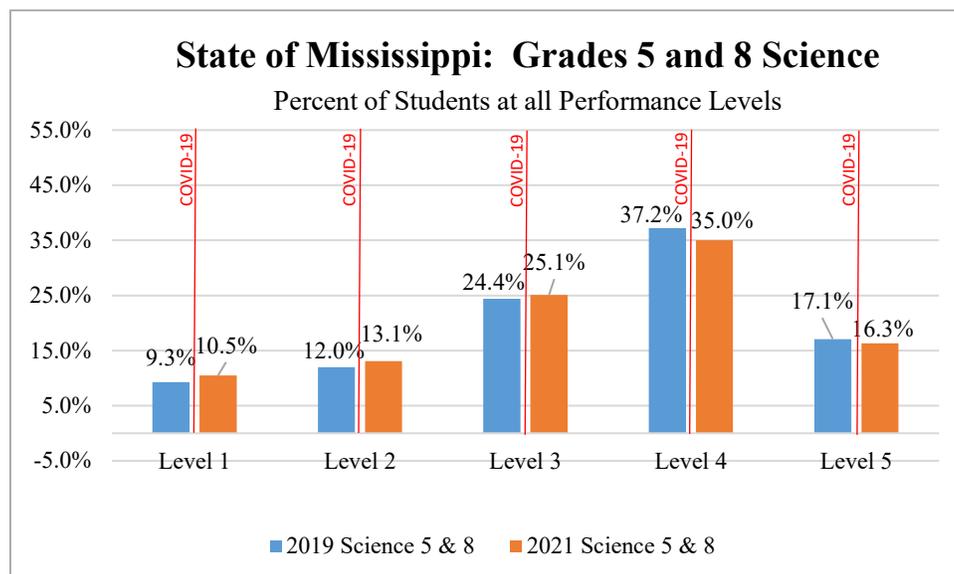
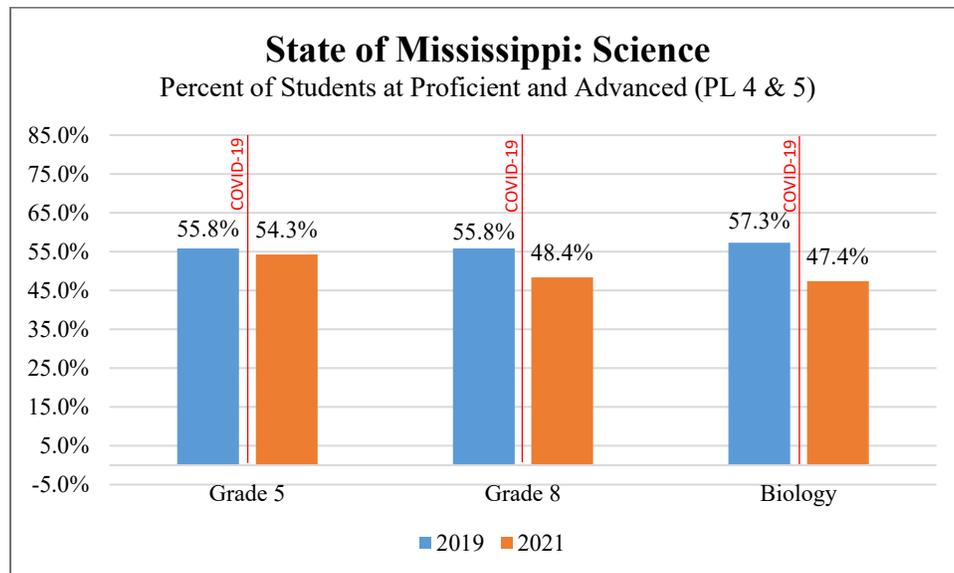
Science Results and Key Findings

Science Assessment

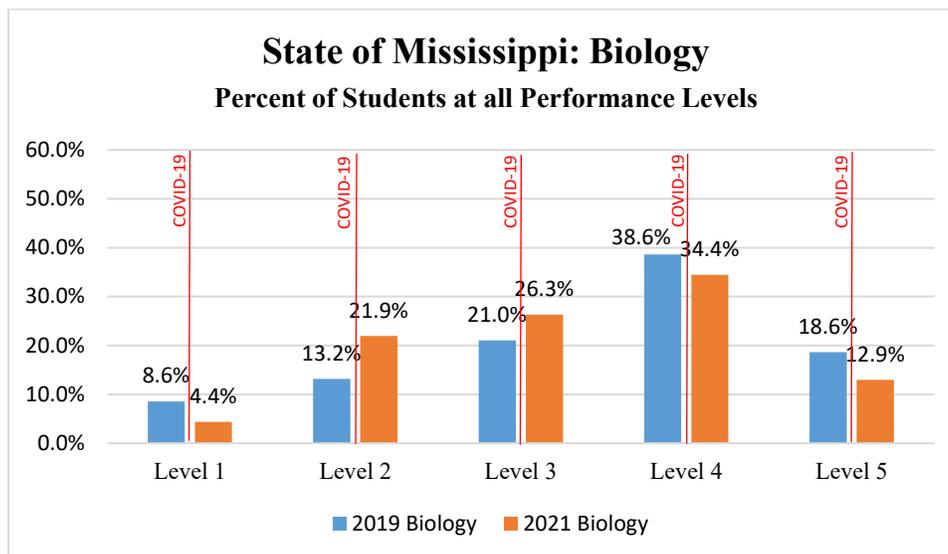
The 2020 – 2021 school year was the second administration of the Science assessments aligned to the Mississippi College- and Career-Readiness Standards for Science. Five (5) performance levels were established during the standard setting process in June 2019.

Number of Science Students Tested

- In 2021, the overall participation rate for Grades 5 and 8 Science and Biology was 95.6%.
- For Grades 5 and 8 Science and Biology the total number of students participating and receiving scale scores was 103,776 students on the 2021 MAAP.



Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary



2021 Findings for Science

- In 2021, 50,125 of all tested students scored at Level 4 or higher (50.0%).
In 2019, 58,212 of all tested students scored at Level 4 or higher (55.3%).
- In 2021, 68 districts had greater than 45.0% of all students scoring at Level 4 or higher.
In 2019, 81 districts had greater than 45.0% of all students scoring at Level 4 or higher.
- In 2021, 74,469 of all tested students scored at Level 3 or higher (75.5%).
In 2019, 82,828 of all tested students scored at Level 3 or higher (78.6%).
- In 2021, 14,282 of all tested students scored at Level 1 (8.5%).
In 2019, 9,526 of all tested students scored at Level 1 (9.0%).
- In 2021, the overall participation rate for Grades 5 and 8 Science and Biology was 95.6%.

Grades 5 and 8 Science Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Enterprise School District	81.8%	Mississippi Schools for the Blind and Deaf	< 5.0%
Pass Christian Public School District	77.0%	Coffeeville School District	6.2%
Ocean Springs School District	76.4%	East Tallahatchie Consolidated School District	7.7%
Petal School District	74.1%	Yazoo City Municipal School District	10.3%
Biloxi Public School District	72.5%	Holmes County Consolidated School District	10.4%
Long Beach School District	72.3%	North Bolivar Consolidated School District	11.1%
Neshoba County School District	72.2%	West Tallahatchie School District	11.6%
Jackson County School District	71.9%	West Bolivar Consolidated School District	11.9%
New Albany School District	71.5%	Okolona Separate School District	13.0%
Clinton Public School District	71.2%	South Delta School District	14.3%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

Biology Top & Bottom 10 Districts with Percent of Students at Proficient and Advanced (PL 4 & 5)

Top 10 Districts	% PL 4 & 5	Bottom 10 Districts	% PL 4 & 5
Ocean Springs School District	85.1%	Coahoma County School District	< 5.0%
Biloxi Public School District	76.1%	West Tallahatchie School District	6.7%
Poplarville Separate School District	74.2%	Yazoo City Municipal School District	7.1%
Pass Christian Public School District	72.7%	Humphreys County School District	7.9%
New Albany Public School District	71.9%	North Panola School District	7.9%
Union County School District	71.1%	Noxubee County School District	8.0%
Webster County School District	70.0%	West Bolivar Consolidated School District	8.3%
Petal School District	69.5%	Wilkinson County School District	8.8%
Pascagoula Gautier School District	69.0%	Holmes County Consolidated School District	9.4%
Jackson County School District	68.8%	Aberdeen School District	10.6%

Science Historical Data

2020 – 2021 MAAP Science Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 5	8.8%	11.9%	25.0%	37.7%	16.6%	54.3%	79.3%	31,293
Grade 8	12.3%	14.2%	25.1%	32.4%	16.0%	48.4%	73.5%	35,439
Biology	4.4%	21.9%	26.3%	34.4%	12.9%	47.4%	73.7%	37,044
Grand Total	8.5%	16.0%	25.5%	34.8%	15.2%	50.0%	75.5%	103,776
2018 – 2019 MAAP Science Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
Grade 5	7.7%	12.1%	24.3%	39.1%	16.8%	55.8%	80.2%	38,124
Grade 8	11.0%	11.8%	24.5%	35.3%	17.4%	52.7%	77.2%	34,336
Biology	8.6%	13.2%	21.0%	38.6%	18.6%	57.3%	78.3%	32,891
Grand Total	9.0%	12.3%	23.4%	37.7%	17.6%	55.3%	78.6%	105,351

2017 – 2018 MAAP Science Performance Level Totals						
Test/Grade	Minimal	Basic	Proficient	Advanced	Proficient & Advanced	Test Takers
Grade 5	9.7%	22.7%	37.9%	29.6%	67.5%	38,610
Grade 8	15.1%	20.9%	41.8%	22.2%	64.0%	35,007
Biology	11.1%	26.4%	49.9%	12.6%	62.5%	34,464
Grand Total	12.0%	23.3%	43.2%	21.5%	64.7%	108,081

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2016 – 2017 MAAP Science Performance Level Totals						
Test/Grade	Minimal	Basic	Proficient	Advanced	Proficient & Advanced	Test Takers
Grade 5	11.6%	24.3%	36.8%	27.3%	64.1%	35,684
Grade 8	13.3%	26.9%	42.5%	17.3%	59.8%	34,334
Biology	12.8%	26.6%	50.2%	10.4%	60.7%	34,500
Grand Total	12.6%	25.9%	43.2%	18.3%	61.5%	104,518
2015 – 2016 MAAP Science Performance Level Totals						
Test/Grade	Minimal	Basic	Proficient	Advanced	Proficient & Advanced	Test Takers
Grade 5	12.4%	27.4%	34.7%	25.4%	60.1%	35,868
Grade 8	14.6%	28.6%	39.6%	17.2%	56.8%	35,172
Biology	14.2%	28.8%	46.5%	10.5%	57.0%	35,186
Grand Total	13.7%	28.3%	40.3%	17.7%	58.0%	106,226

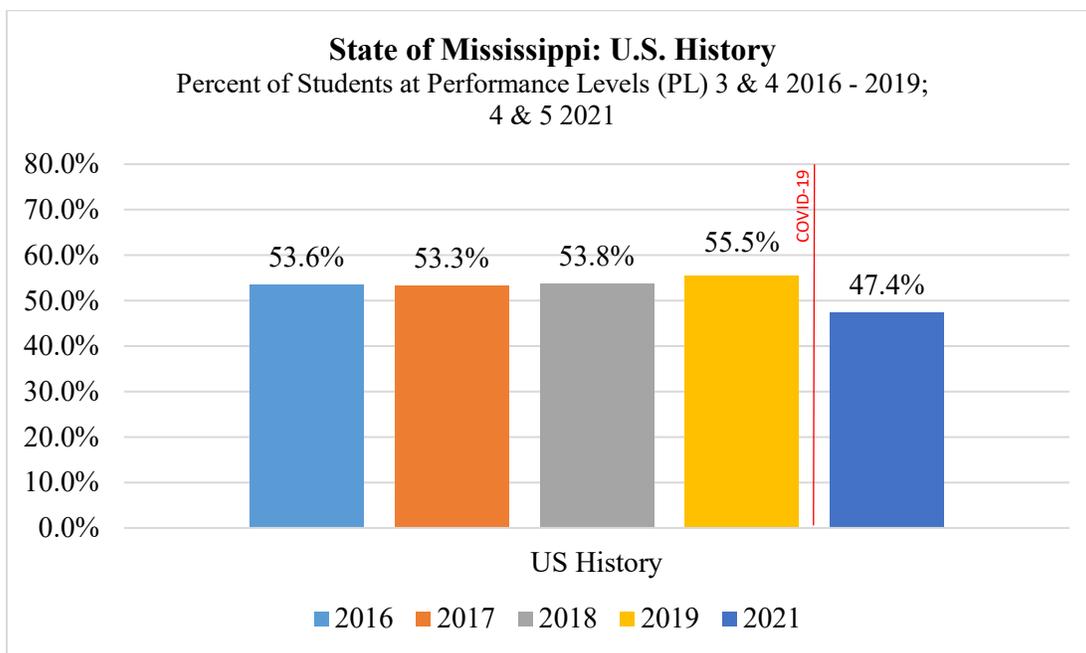
U.S. History Results and Key Findings

U.S. History Assessment

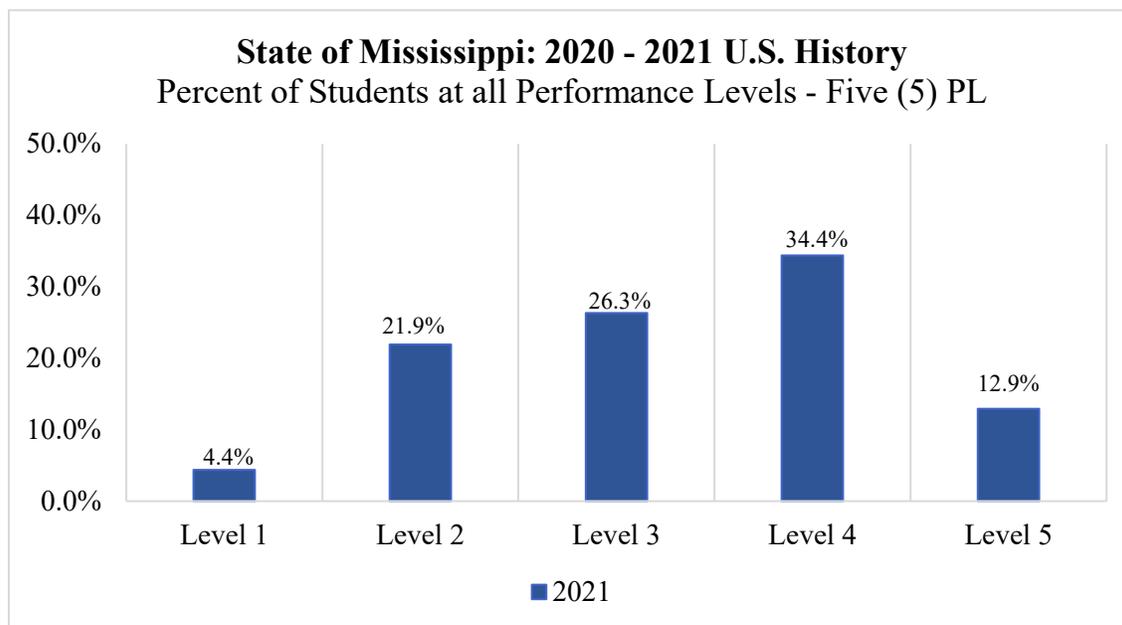
The new U.S. History assessment was administered during the 2020 – 2021. Standard Setting was conducted in June 2021 and updated scale scores were assigned to align to the MAAP Mathematics, ELA, and Science score ranges. Likewise, the MAAP U.S. History assessment was changed from four (4) performance levels to five (5) performance levels. As a result, each student receives a scale score and a performance level (*Minimal, Basic, Pass, Proficient, or Advanced*).

Number of U.S. History Students Tested

- In 2021, the overall participation rate for U.S. History was 96.5%.
- For U.S. History, the total number of students participating and receiving scale scores was 32,097 students on the 2021 MAAP.
- Results only include first time test takers.



Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary



2021 Findings for U.S. History

- In 2021, 65 districts had greater than 45.0% of all students scoring at Level 4 or higher. In 2019, 87 districts had greater than 45.0% of all students scoring at Level 3 (proficient) or higher.
- In 2021, 15,201 of all tested students scored at Level 4 or higher (47.4%). In 2019, 17,230 of all tested students scored at Level 3 (proficient) or higher (55.5%).
- In 2021, 1,413 of all tested students scored at Level 1 (4.4%). In 2019, 6,527 of all tested students scored at Level 1 (21.0%).

U.S. History Top & Bottom 10 Districts with Percent of Students at Performance Level (PL) 4 & 5

Top 10	%PL 4 & 5	Bottom 10	%PL 4 & 5
Mississippi School for Mathematics and Science (Grades 11 and 12)	97.7%	North Panola School District	6.3%
Mississippi School of the Arts (Grades 11 and 12)	90.9%	Aberdeen School District	7.9%
Ocean Springs School District	80.2%	Leland School District	9.3%
Petal School District	73.3%	Holmes County Consolidated School District	9.7%
Union Public School District	72.6%	Yazoo City Municipal School District	10.3%
New Albany Public School District	72.6%	South Pike School District	10.7%
Pass Christian Public School District	71.3%	Humphreys County School District	11.2%
Biloxi Public School District	70.0%	Coffeenville School District	12.5%
Jackson County School District	68.9%	Claiborne County School District	13.1%
Lamar County School District	68.8%	Hazlehurst City School District	13.8%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

U.S. History Historical Data

2020 – 2021 MAAP U.S. History Performance Level Totals								
Test/Grade	Minimal	Basic	Pass	Proficient	Advanced	Proficient & Advanced	≥ Pass	Test Takers
US History	4.4%	21.9%	26.3%	34.4%	12.9%	47.4%	73.7%	32,097
Grand Total	4.4%	21.9%	26.3%	34.4%	12.9%	47.4%	73.7%	32,097

2018 – 2019 MAAP U.S. History Performance Level Totals						
Test/Grade	Minimal	Basic	Proficient	Advanced	Proficient & Advanced	Test Takers
U.S. History	21.0%	23.5%	41.9%	13.6%	55.5%	31,055
2017 – 2018 MAAP U.S. History Performance Level Totals						
U.S. History	23.8%	22.4%	38.7%	15.1%	53.8%	32,433
2016 – 2017 MAAP U.S. History Performance Level Totals						
U.S. History	27.5%	19.2%	38.0%	15.3%	53.3%	34,876
2015 – 2016 MAAP U.S. History Performance Level Totals						
U.S. History	25.0%	21.4%	38.9%	14.7%	53.6%	31,198

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

2021 Participation Rates and Key Findings

The U.S. Department of Education waived the requirement that schools test 95% of students during the 2020 – 2021 school year; however, the MDE strongly encouraged all districts and schools to test all eligible students. Participation information is therefore provided to assist in the interpretation of student assessment data.

Mathematics Top & Bottom 10 Districts with Percent of Participation Rates

Top 10 Districts	% Math Participation	Bottom 10 Districts	% Math Participation
Coahoma Early College High School (Grades 9-12)	100%	Canton Public School District	91.5%
Copiah County School District	99.9%	Greenwood-Leflore Consolidated School District	91.0%
Enterprise School District	99.8%	Coffeenville School District	91.0%
Greene County School District	99.8%	Natchez-Adams School District	90.1%
Richton School District	99.7%	North Panola School District	89.5%
Jackson County School District	99.7%	Tunica County School District	89.0%
West Jasper Consolidated School District	99.6%	Mississippi Schools for the Blind and Deaf	87.1%
Baldwyn School District	99.5%	Corinth School District	85.5%
Poplarville Separate School District	99.5%	Greenville Public School District	81.0%
New Albany Public School District	99.4%	West Tallahatchie School District	80.1%

Mississippi Academic Assessment Program (MAAP) 2020 – 2021 Results Summary

English Language Arts (ELA) Top & Bottom 10 Districts with Percent of Participation Rates

Top 10 Districts	% ELA Participation	Bottom 10 Districts	% ELA Participation
Coahoma Early College High School (Grades 9-12)	100%	Natchez-Adams School District	92.0%
Copiah County School District	99.9%	West Bolivar Consolidated School District	92.0%
Greene County School District	99.9%	Coffeenville School District	91.3%
Enterprise School District	99.8%	Greenwood-Leflore Consolidated School District	91.0%
Richton School District	99.7%	Tunica County School District	91.0%
Jackson County School District	99.7%	Hollandale School District	90.6%
New Albany Public School District	99.6%	North Panola School District	90.2%
Stone County School District	99.6%	Mississippi Schools for the Blind and Deaf	88.4%
West Jasper Consolidated School District	99.6%	Greenville Public School District	84.3%
Poplarville Separate School District	99.5%	West Tallahatchie School District	81.1%