



GENERATED ON APRIL 28, 2026

# Trends in Academic Performance in Missouri

VERSION 2025.1

This report summarizes district-level educational outcomes using data from the Stanford Education Data Archive (SEDA) from 2009-2025. Figures may contain gaps where source data are unavailable.

For more information, please visit [edopportunity.org](https://edopportunity.org)

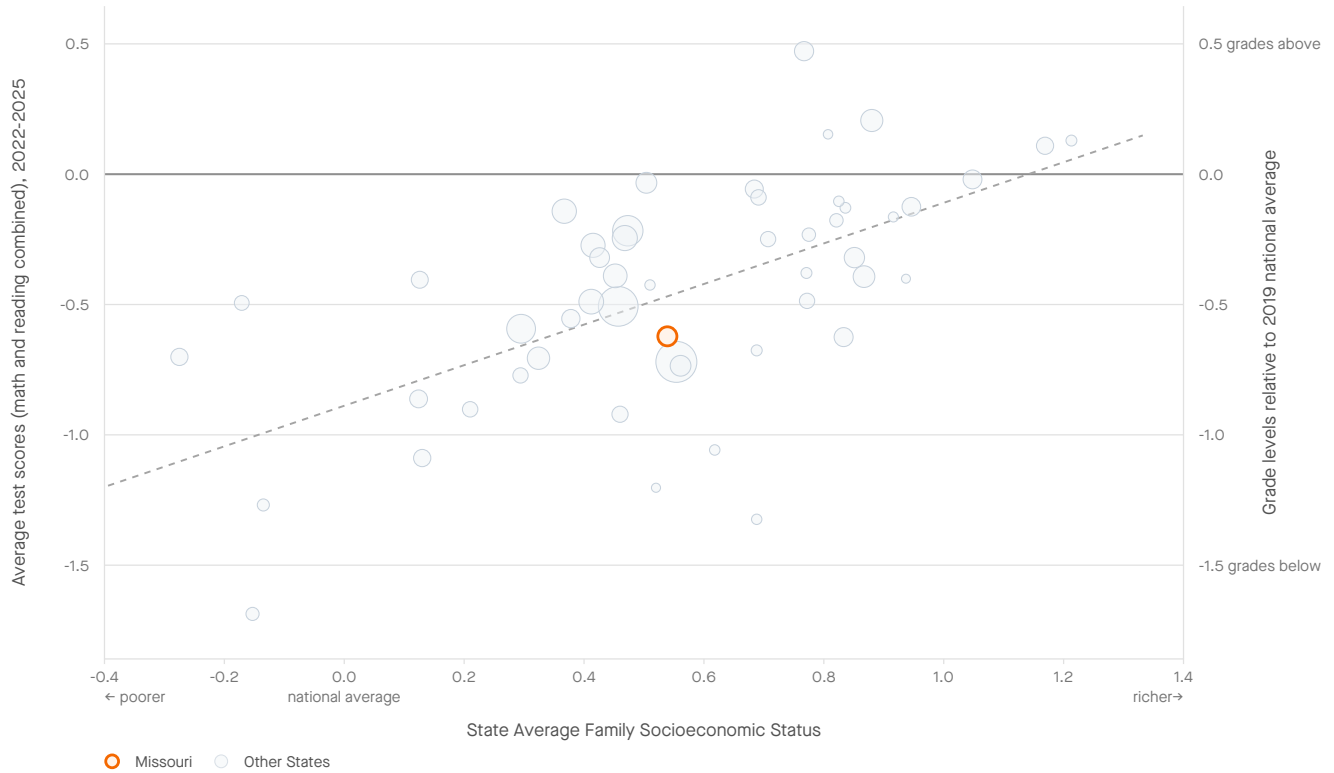
Report created by the Educational Opportunity Project at Stanford University in collaboration with the Education Scorecard at Harvard University, using data provided by the National Center for Education Statistics and the Education Data Center. See final page for full information on data sources.





## Average Grade 3-8 Test Scores, 2022-2025, by State Socioeconomic Status

Average test scores in grades 3-8 reflect the set of educational opportunities available to students in the district, including those provided by their families, preschools, neighborhoods, and elementary and middle schools.



Note: each bubble is a U.S. state, with size proportional to state enrollment. State socioeconomic status is a composite measure of average family income, parental education, poverty rate, SNAP eligibility rate, unemployment rate, and female-headed household rate. Test scores are measured in grade levels relative to the 2019 national average.

## Average Test Scores and Trends, 2022-2025

### ALL STUDENTS

	2022-2025 Average Scores	2022-2025 Trend in Test Scores
Missouri	-0.62	0.00
National Average	-0.46	0.00

Test scores are reported in grade level units, relative to the 2019 national average. For example, the first row above reads: "Students in Missouri performed 0.62 grade levels below the 2019 national average. Test scores in Missouri have been changing at a rate of -0.00 grade levels/year since 2022."

### STUDENT SUBGROUPS

	2022-2025 Average Scores	2022-2025 Trend in Test Scores
White	0.01	0.03
Black	-3.19	0.03
Hispanic	-1.53	-0.06
Asian	0.90	0.02
Poor	-1.95	0.03
Non-Poor	0.67	0.11
Female	-0.48	-0.01
Male	-0.70	0.03



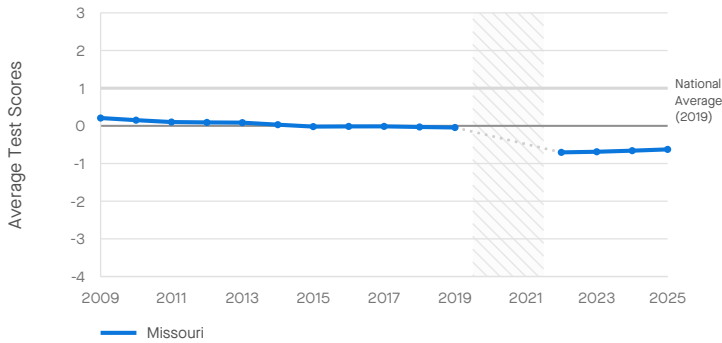
# Missouri



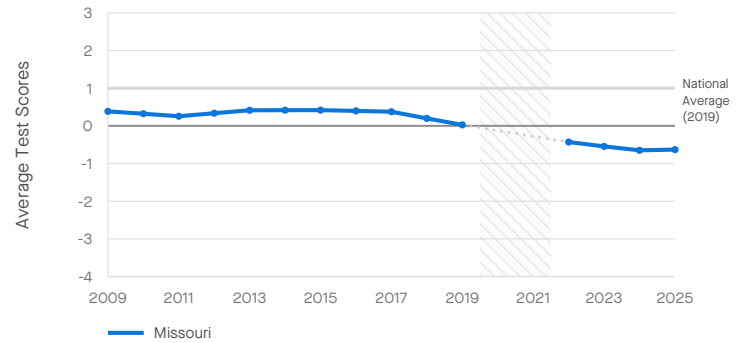
## Trends in Average Grade 3-8 Test Scores, 2009-2025, by Subject and Student Subgroup

Trends in test scores may reflect changes in school quality, changes in demographics, and/or changes in out-of-school educational opportunities.

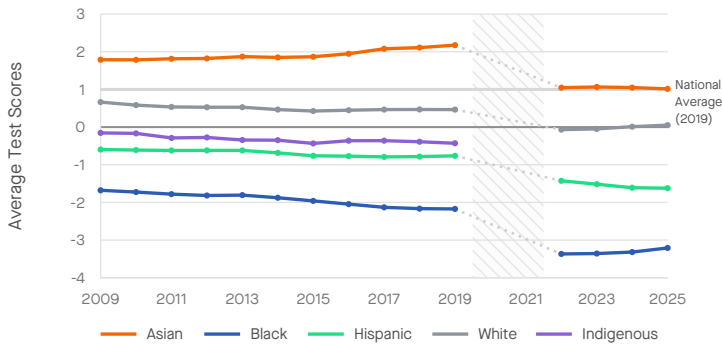
### Trend in Math Scores (All Students)



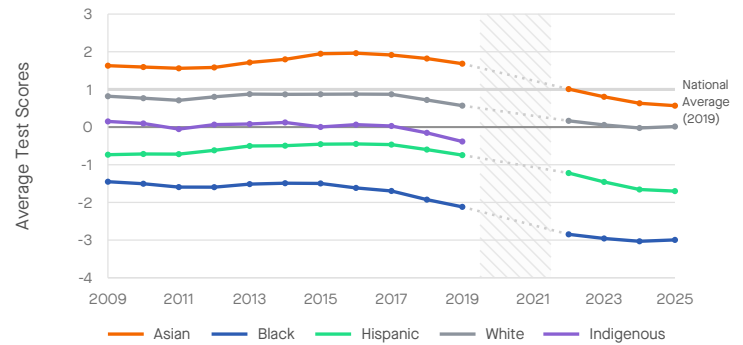
### Trend in Reading Scores (All Students)



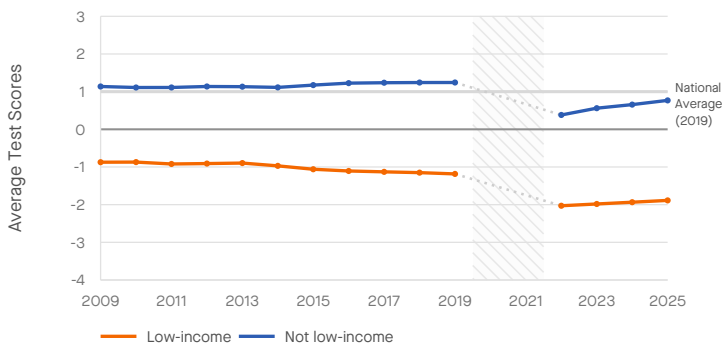
### Trend in Math Scores, by Student Race/Ethnicity



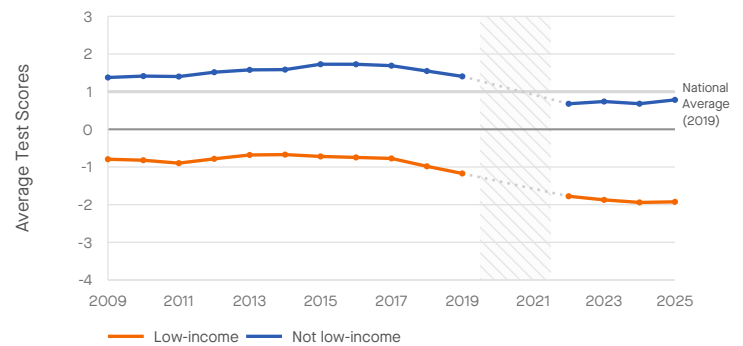
### Trend in Reading Scores, by Student Race/Ethnicity



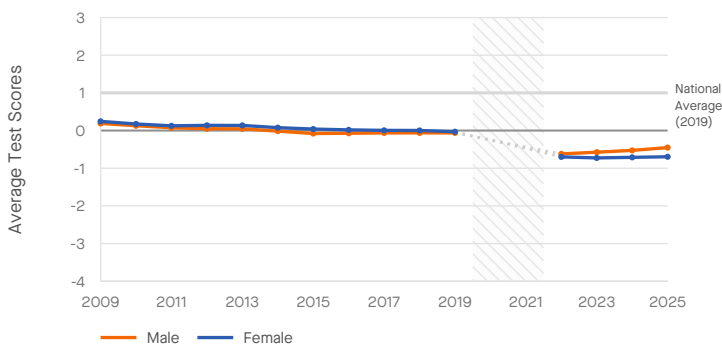
### Trend in Math Scores, by Student Income Level



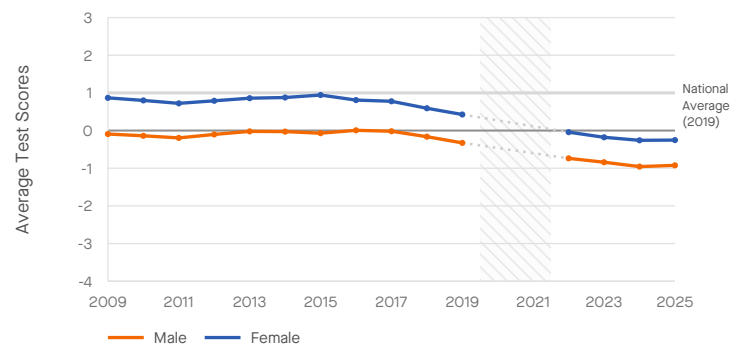
### Trend in Reading Scores, by Student Income Level



### Trend in Math Scores, by Student Gender



### Trend in Reading Scores, by Student Gender

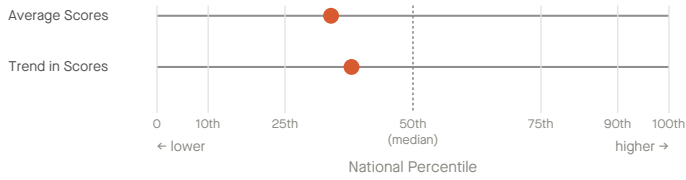


# Missouri

## Academic Performance Rankings, 2022-2025, Relative to Other States in the U.S.



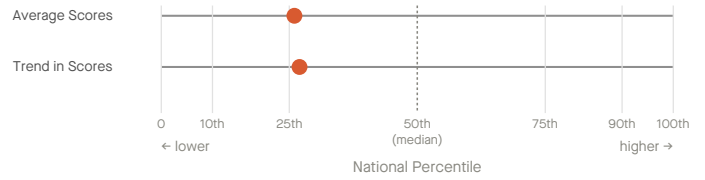
### Math Ranks



	Average	Trend
● Missouri	34 / 51 (34th pct)	32 / 51 (38th pct)

Missouri ranked higher than 34% of states nationwide in average math performance during the 2022-25 school years (34th of 51 states with available data).

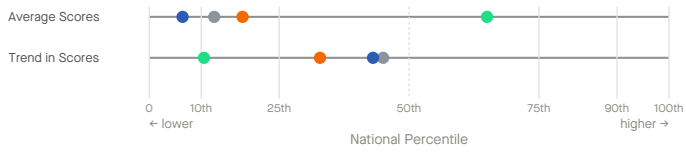
### Reading Ranks



	Average	Trend
● Missouri	38 / 51 (26th pct)	38 / 51 (27th pct)

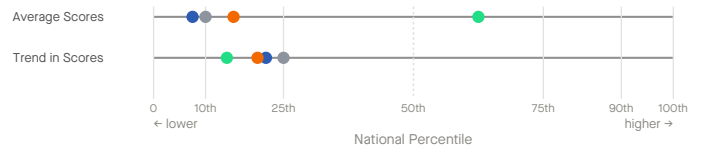
Missouri ranked higher than 26% of states nationwide in average reading performance during the 2022-25 school years (38th of 51 states with available data).

### Math Ranks by Race/Ethnicity



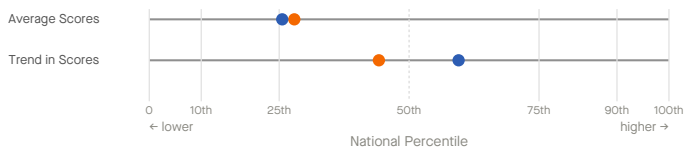
	Average	Trend
● White	36 / 41 (13th pct)	23 / 41 (45th pct)
● Black	38 / 40 (6th pct)	22 / 37 (43rd pct)
● Hispanic	15 / 41 (65th pct)	35 / 39 (11th pct)
● Asian	33 / 40 (18th pct)	25 / 36 (33rd pct)

### Reading Ranks by Race/Ethnicity



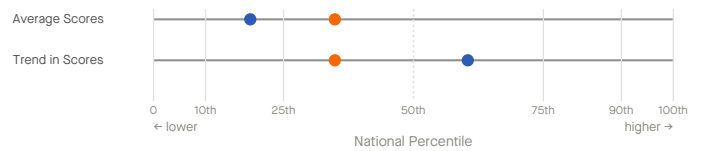
	Average	Trend
● White	37 / 41 (10th pct)	31 / 41 (25th pct)
● Black	38 / 41 (8th pct)	30 / 38 (22nd pct)
● Hispanic	16 / 41 (63rd pct)	35 / 40 (14th pct)
● Asian	34 / 40 (15th pct)	29 / 36 (20th pct)

### Math Ranks by Income



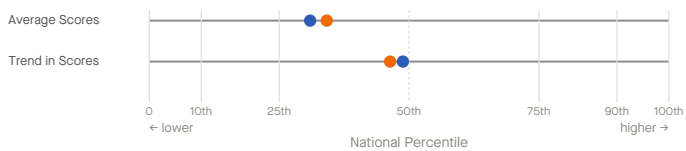
	Average	Trend
● Low-income	32 / 44 (28th pct)	25 / 44 (44th pct)
● Not low-income	33 / 44 (26th pct)	18 / 43 (60th pct)

### Reading Ranks by Income



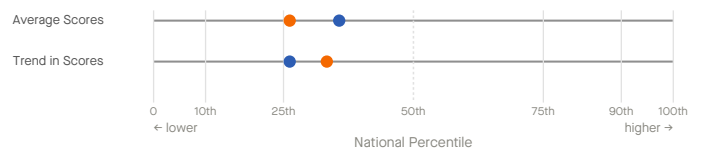
	Average	Trend
● Low-income	29 / 44 (35th pct)	29 / 44 (35th pct)
● Not low-income	36 / 44 (19th pct)	18 / 44 (60th pct)

### Math Ranks by Gender



	Average	Trend
● Female	28 / 42 (34th pct)	23 / 42 (46th pct)
● Male	30 / 43 (31st pct)	23 / 43 (49th pct)

### Reading Ranks by Gender



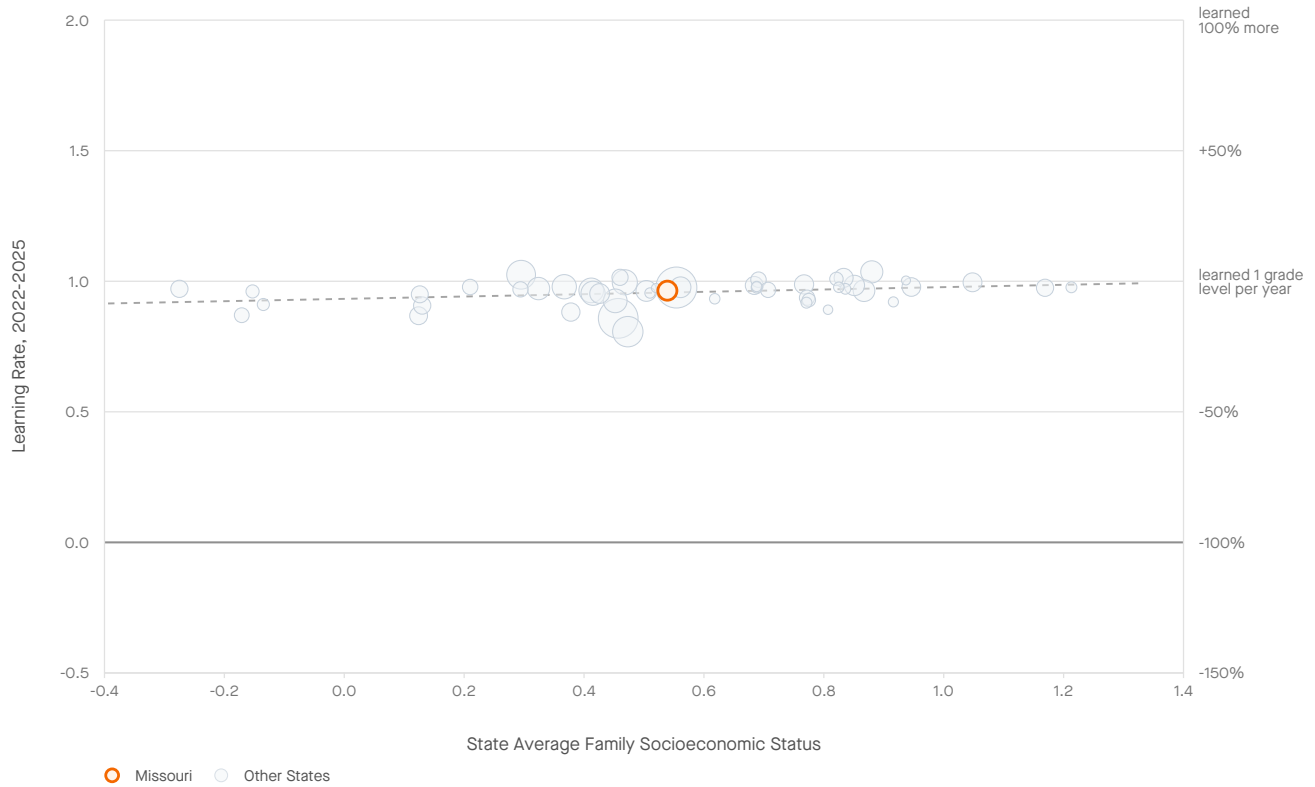
	Average	Trend
● Female	32 / 43 (26th pct)	29 / 43 (33rd pct)
● Male	28 / 43 (36th pct)	32 / 43 (26th pct)





## Average Grades 3-8 Learning Rates, 2022-2025, by State Socioeconomic Status

Learning rates measure how much students' scores improve as they progress from grade to grade. They are a better indicator of school quality than average test scores, which are influenced by a range of experiences outside of school.



Note: each bubble is a U.S. state, with size proportional to state enrollment. State socioeconomic status is a composite measure of average family income, parental education, poverty rate, SNAP eligibility rate, unemployment rate, and female-headed household rate.

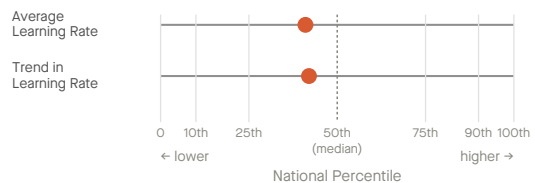
### Learning Rates and Trends, 2022-2025

#### ALL STUDENTS

	2022-2025 Learning Rate	2022-2025 Trend in Learning Rates
Missouri	0.96	-0.01
National Average	0.96	-0.01

Learning rates are measured in grade levels of skills gained per year and are averaged over math and reading. The national average learning rate is 1.0. For example, the first row above reads: "Students in Missouri learned an average of 0.96 grade levels/year during 2022-2025. Learning rates in Missouri have been changing at a rate of -0.01 grade levels/year since 2022."

### Learning Rate Rankings



	Average	Trend
Missouri	31 / 51 (41st pct)	30 / 51 (42nd pct)

Missouri ranked higher than 41% of states nationwide in average learning rates during the 2022-25 school years (31st of 51 states with available data).



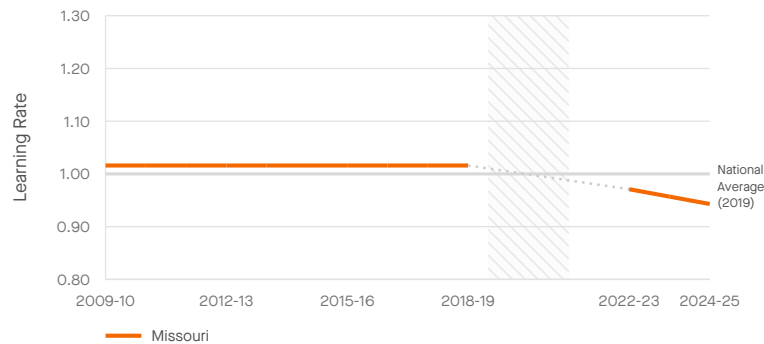
# Missouri



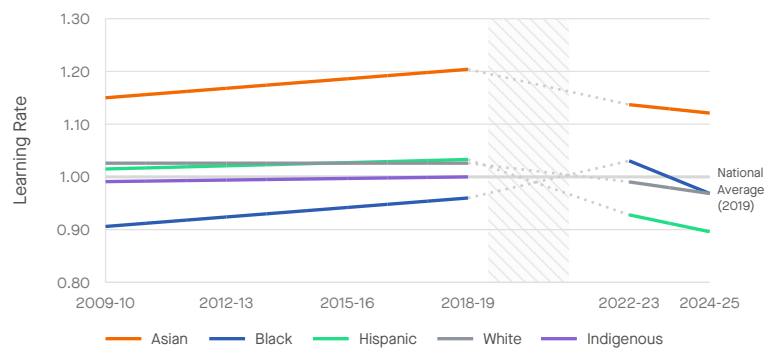
## Trends in Average Grade 3-8 Learning Rates, 2009-2025, by Student Subgroup

Trends in learning rates measure how annual learning rates change over time. They are a better indicator of changes in school quality than trends in average test scores, which are influenced by a range of experiences outside of school.

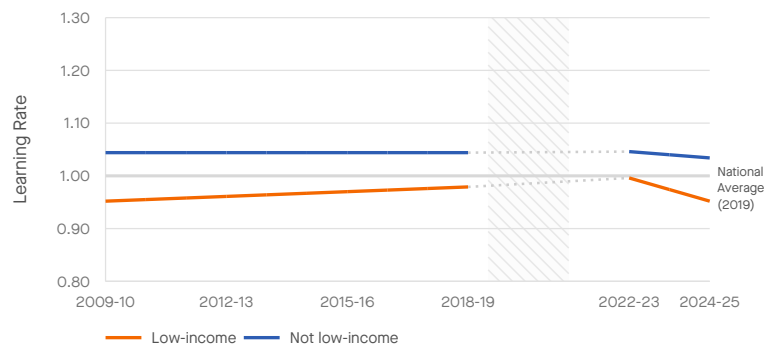
### Trend in Learning Rates (All Students)



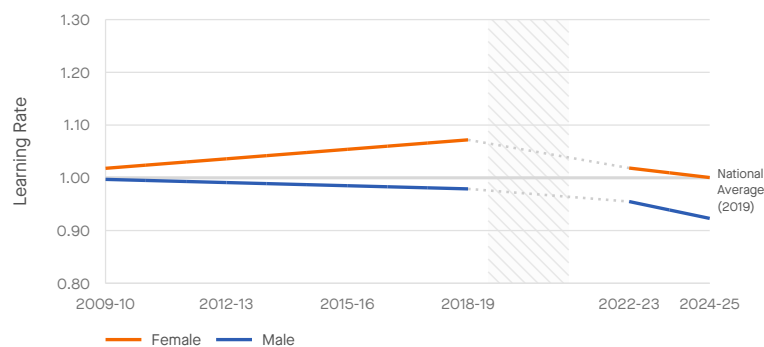
### Trend in Learning Rates, by Student Race/Ethnicity



### Trend in Learning Rates, by Student Income Level



### Trend in Learning Rates, by Student Gender

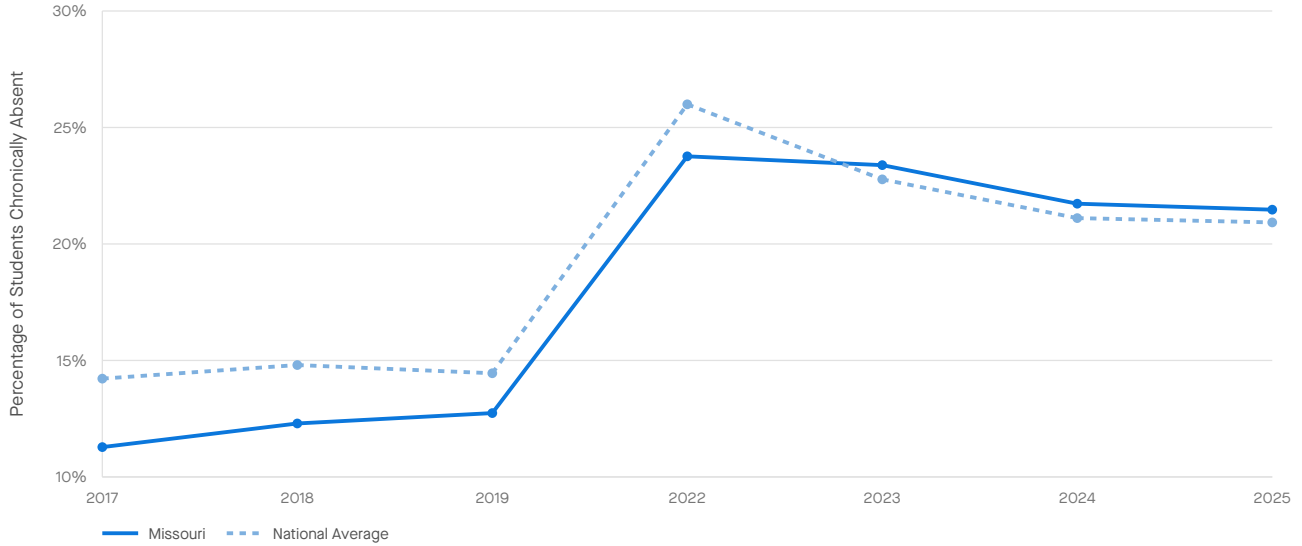




## Trends in Chronic Absenteeism

Chronic absenteeism rates indicate the proportion of students who were absent 10% or more of the school year.

Trends in Chronic Absenteeism



## Trends in Chronic Absenteeism

### ALL STUDENTS

	2017-2019 Avg. Chronic Absenteeism	2022-2025 Avg. Chronic Absenteeism	Change
Missouri	12.1	22.6	-0.0
National Average	14.5	22.7	N/A

Absenteeism data courtesy of [Nat Malkus, American Enterprise Institute](#).





## Changes in Average Math Scores in Missouri Districts, 2019-2025 and 2022-2025, by District Free/Reduced-Price Lunch Eligibility Rate

### Change in Math Scores, 2019-2025



Figure produced by the Center for Education Policy Research at Harvard University

○ Largest Districts    ◆ State Average

### Change in Math Scores, 2022-2025



Figure produced by the Center for Education Policy Research at Harvard University

○ Largest Districts    ◆ State Average





## Changes in Average Reading Scores in Missouri Districts, 2019-2025 and 2022-2025, by District Free/Reduced-Price Lunch Eligibility Rate

### Change in Reading Scores, 2019-2025



Figure produced by the Center for Education Policy Research at Harvard University

○ Largest Districts    ◆ State Average

### Change in Reading Scores, 2022-2025



Figure produced by the Center for Education Policy Research at Harvard University

○ Largest Districts    ◆ State Average





## Change in Chronic Absenteeism in Missouri Districts, 2019-2025, by District Free/Reduced-Price Lunch Eligibility Rate

### Change in Chronic Absenteeism, 2019-2025



Figure produced by the Center for Education Policy Research at Harvard University

○ Largest Districts    ◆ State Average





## Notes & Acknowledgments

This report summarizes academic performance in Missouri from 2008-09 through 2024-25, using data from the Stanford Education Data Archive (SEDA). SEDA is a national database of U.S. academic performance produced by the Educational Opportunity Project at Stanford University. The SEDA data are based on the standardized accountability tests in math and reading language arts (RLA) administered by each state to all public-school students in grades 3-8.

The raw test score data used to construct the SEDA 2022-2025 estimates here were graciously provided to us by Emily Oster and Clare Halloran at the [Education Data Center](#). The raw test score data used to construct the SEDA 2009-2019 estimates are available through the ED*Facts* data system at the U.S. Department of Education, and were provided to us by the National Center for Education Statistics (NCES). Detailed NAEP data used to harmonize test scores across states was provided by NCES and the National Assessment Governing Board. Chronic absenteeism data were provided by [Nat Malkus at the American Enterprise Institute](#). Funding to construct and analyze SEDA was provided by the Gates Foundation. Funding for the Education Scorecard was provided by the Carnegie Corporation of New York, Bloomberg Philanthropies, Joyce Foundation, Kenneth C. Griffin and Citadel Catalyst. The findings and opinions expressed in our research and reported here are those of the authors alone; they do not represent the views of any of the above organizations.

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