

GENERATED ON APRIL 28, 2026

# Trends in Academic Performance in Madison Central School District 39-2, South Dakota

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.

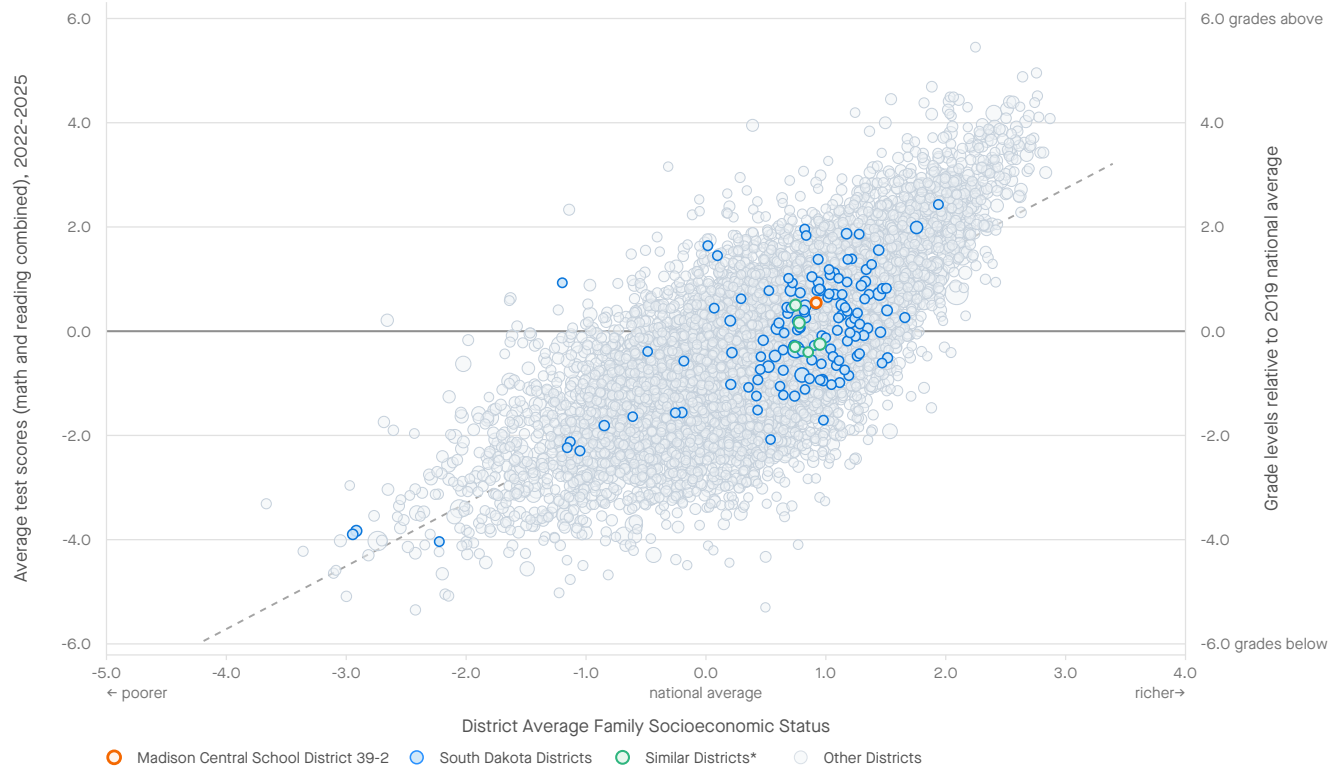


# Madison Central School District 39-2, South Dakota



## Average Grade 3-8 Test Scores, 2022-2025, by District 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. school district, with size proportional to district enrollment. Districts in South Dakota are highlighted. District socioeconomic status is a composite measure of a district's 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
Madison Central School District...	0.55	0.05
Similar Districts Avg.*	0.02	0.00
South Dakota	-0.10	-0.05

Test scores are reported in grade level units, relative to the 2019 national average. For example, the first row above reads: "Students in Madison Central School District 39-2 performed 0.55 grade levels above the 2019 national average. Test scores in Madison Central School District 39-2 have been changing at a rate of +0.05 grade levels/year since 2022."

\*Similar districts are the nearest matches within the same state based on socioeconomic status, demographics, and size. Similar districts for Madison Central School District 39-2 are Belle Fourche School District 09-1, Spearfish School District 40-2, Lead-Deadwood School District 40-1, Yankton School District 63-3, and Brookings School District 05-1.

### STUDENT SUBGROUPS

	2022-2025 Average Scores	2022-2025 Trend in Test Scores
White	0.86	0.05
Black	N/A	N/A
Hispanic	-1.27	N/A
Asian	N/A	N/A
Poor	-1.34	N/A
Non-Poor	1.06	0.09
Female	0.54	0.03
Male	0.52	0.07



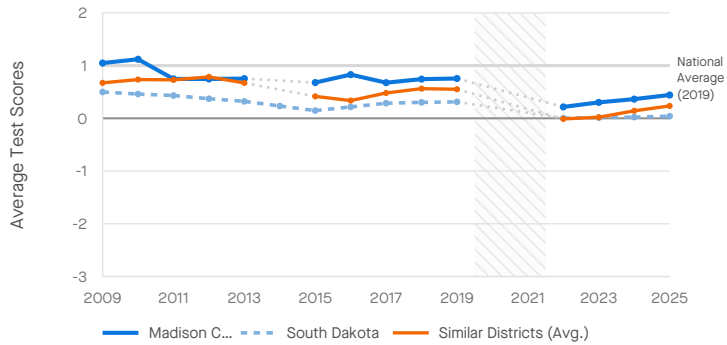
# Madison Central School District 39-2, South Dakota

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

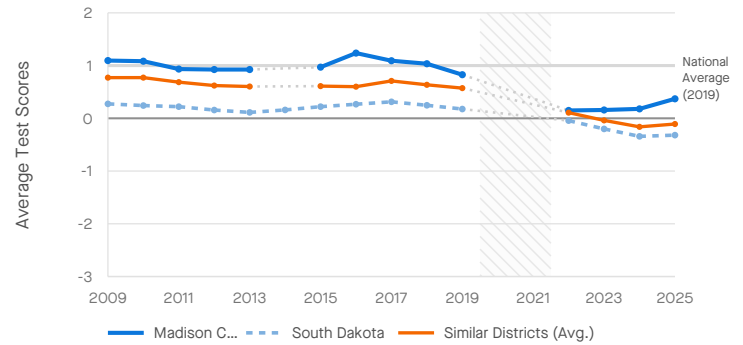


Trends in test scores may reflect changes in school quality, changes in demographics, and/or changes in out-of-school educational opportunities.

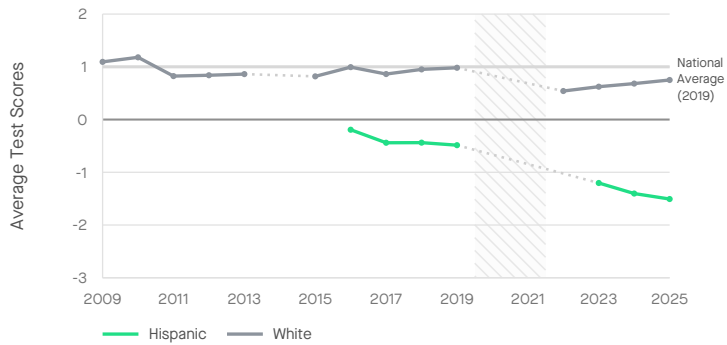
### Trend in Math Scores (All Students)



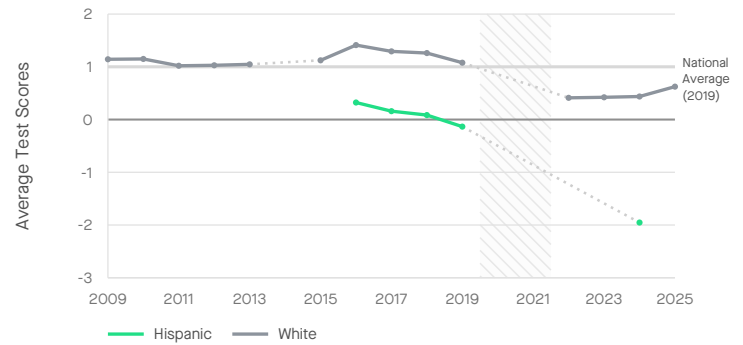
### Trend in Reading Scores (All Students)



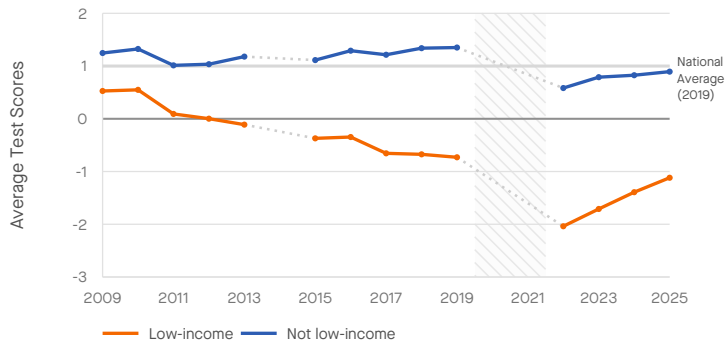
### Trend in Math Scores, by Student Race/Ethnicity



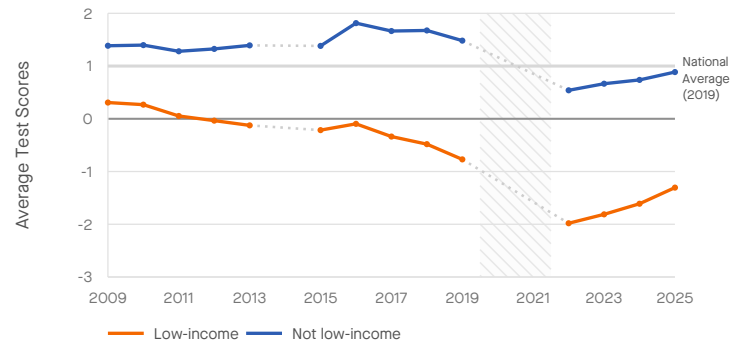
### Trend in Reading Scores, by Student Race/Ethnicity



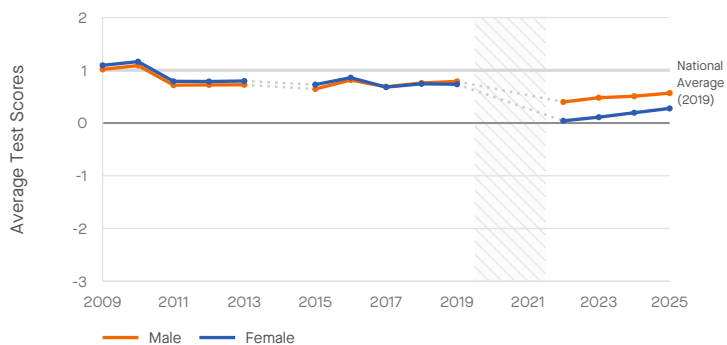
### Trend in Math Scores, by Student Income Level



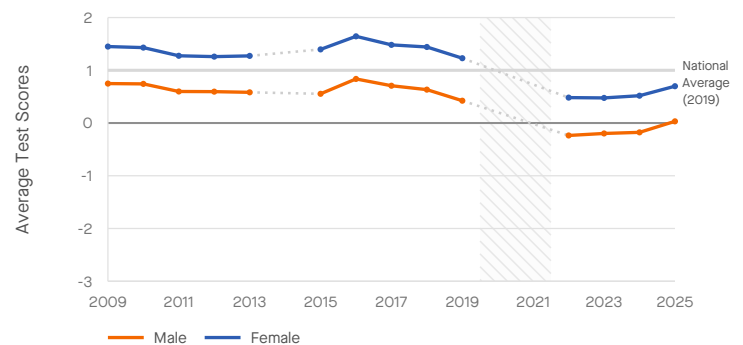
### Trend in Reading Scores, by Student Income Level



### Trend in Math Scores, by Student Gender



### Trend in Reading Scores, by Student Gender

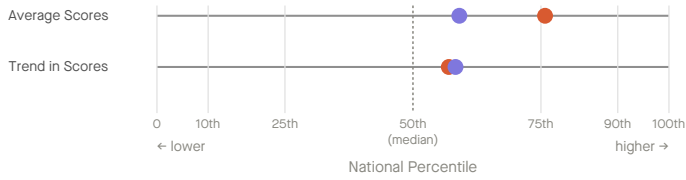


# Madison Central School District 39-2, South Dakota

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



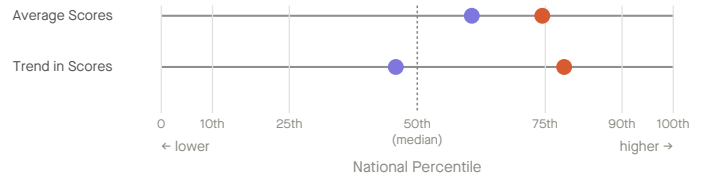
## Math Ranks



	Average	Trend
● Madison Central School District 39-2	2,471 / 10,205 (76th pct)	2,352 / 5,468 (57th pct)
● Similar Districts Avg.	4,179 / 10,205 (59th pct)	2,280 / 5,468 (58th pct)

Madison Central School District 39-2 ranked higher than 76% of districts nationwide in average math performance during the 2022-25 school years (2,471st of 10,205 districts with available data).

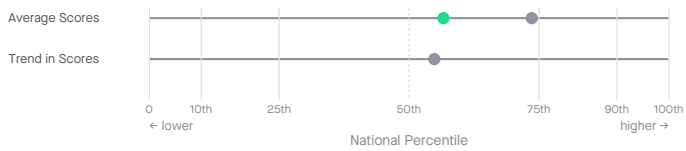
## Reading Ranks



	Average	Trend
● Madison Central School District 39-2	2,579 / 10,076 (74th pct)	1,210 / 5,673 (79th pct)
● Similar Districts Avg.	3,966 / 10,076 (61st pct)	3,075 / 5,673 (46th pct)

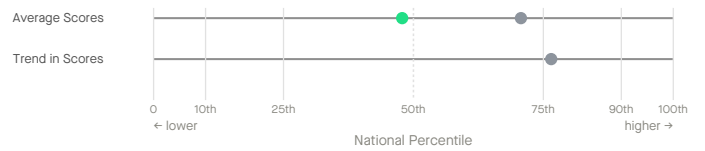
Madison Central School District 39-2 ranked higher than 74% of districts nationwide in average reading performance during the 2022-25 school years (2,579th of 10,076 districts with available data).

## Math Ranks by Race/Ethnicity



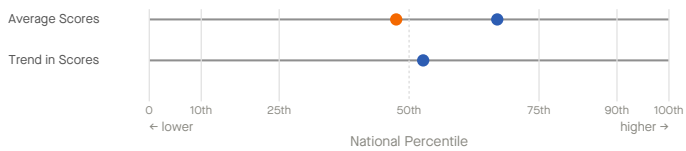
	Average	Trend
● White	2,300 / 8,707 (74th pct)	1,618 / 3,582 (55th pct)
● Hispanic	1,990 / 4,583 (57th pct)	N/A

## Reading Ranks by Race/Ethnicity



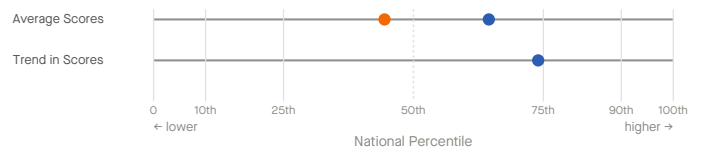
	Average	Trend
● White	2,576 / 8,785 (71st pct)	927 / 3,941 (77th pct)
● Hispanic	2,433 / 4,662 (48th pct)	N/A

## Math Ranks by Income



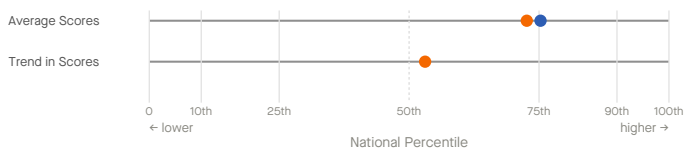
	Average	Trend
● Low-income	4,659 / 8,875 (48th pct)	N/A
● Not low-income	2,806 / 8,489 (67th pct)	1,480 / 3,127 (53rd pct)

## Reading Ranks by Income



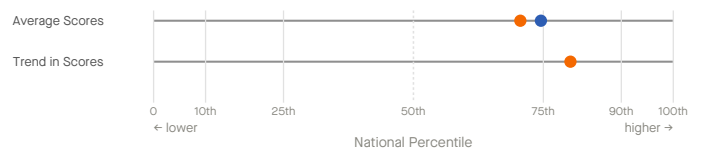
	Average	Trend
● Low-income	4,994 / 8,987 (44th pct)	N/A
● Not low-income	3,052 / 8,596 (65th pct)	862 / 3,311 (74th pct)

## Math Ranks by Gender



	Average	Trend
● Female	2,329 / 8,509 (73rd pct)	1,511 / 3,219 (53rd pct)
● Male	2,101 / 8,497 (75th pct)	N/A

## Reading Ranks by Gender



	Average	Trend
● Female	2,552 / 8,670 (71st pct)	690 / 3,483 (80th pct)
● Male	2,205 / 8,652 (75th pct)	N/A

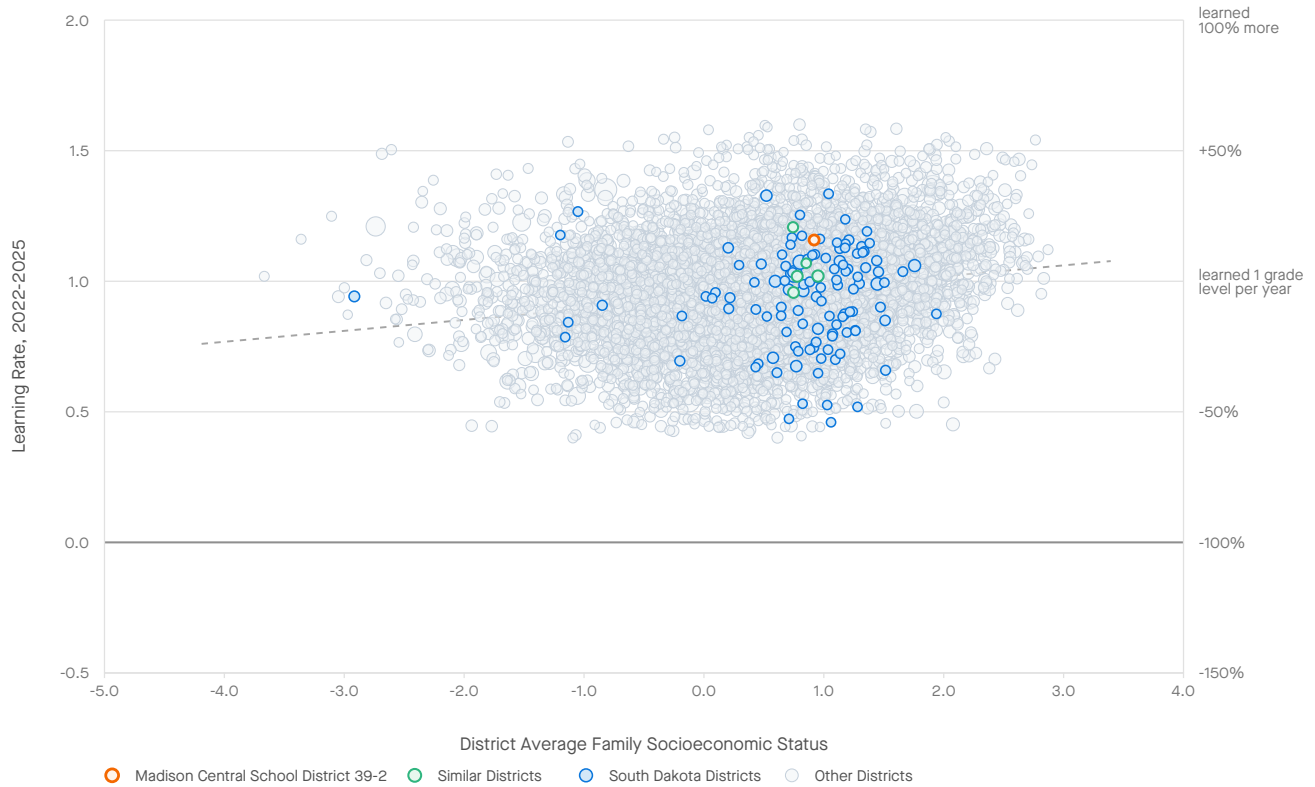


# Madison Central School District 39-2, South Dakota



## Average Grades 3-8 Learning Rates, 2022-2025, by District 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.



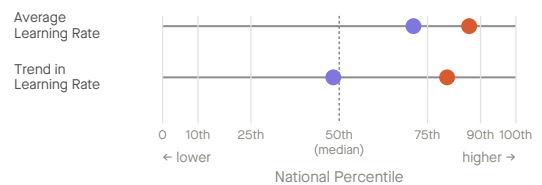
Note: each bubble is a U.S. school district, with size proportional to district enrollment. Districts in South Dakota are highlighted. District socioeconomic status is a composite measure of a district's average family income, parental education, poverty rate, SNAP eligibility rate, unemployment rate, and female-headed household rate.

### Learning Rates and Trends, 2022-2025

### Learning Rate Rankings

#### ALL STUDENTS

	2022-2025 Learning Rate	2022-2025 Trend in Learning Rates
<b>Madison Central School District...</b>	1.16	0.03
<b>Similar Districts Avg.*</b>	1.03	-0.02
<b>South Dakota</b>	0.98	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 Madison Central School District 39-2 learned an average of 1.16 grade levels/year during 2022-2025. Learning rates in Madison Central School District 39-2 have been changing at a rate of +0.03 grade levels/year since 2022."

\*Similar districts are the nearest matches within the same state based on socioeconomic status, demographics, and size. Similar districts for Madison Central School District 39-2 are Belle Fourche School District 09-1, Spearfish School District 40-2, Lead-Deadwood School District 40-1, Yankton School District 63-3, and Brookings School District 05-1.

	Average	Trend
<span style="color: orange;">●</span> Madison Central School District 39-2	1,078 / 8,147 (87th pct)	1,182 / 6,065 (81st pct)
<span style="color: blue;">●</span> Similar Districts Avg.	2,363 / 8,147 (71st pct)	3,135 / 6,065 (48th pct)

Madison Central School District 39-2 ranked higher than 87% of districts nationwide in average learning rates during the 2022-25 school years (1,078th of 8,147 districts with available data).



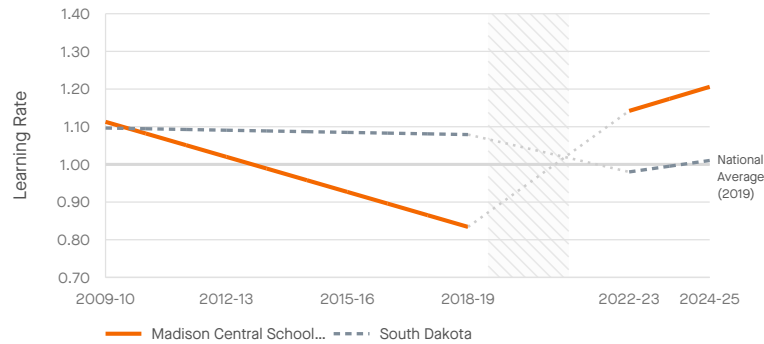
# Madison Central School District 39-2, South Dakota

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

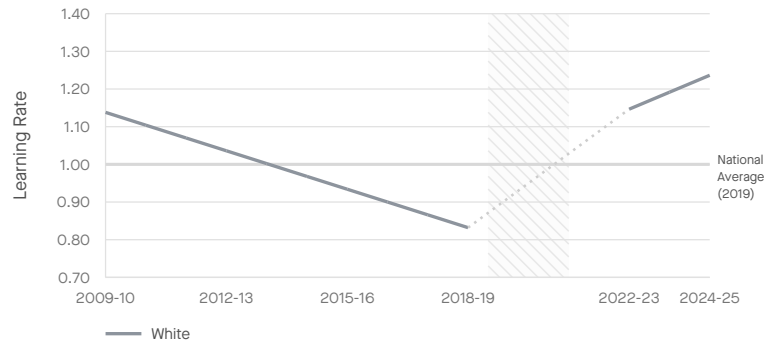


Trends in learning rates measure how annual learning rates change over time. They are a better indicator of changes in school quality than trends in average test scores, which are influenced by a range of experiences outside of school.

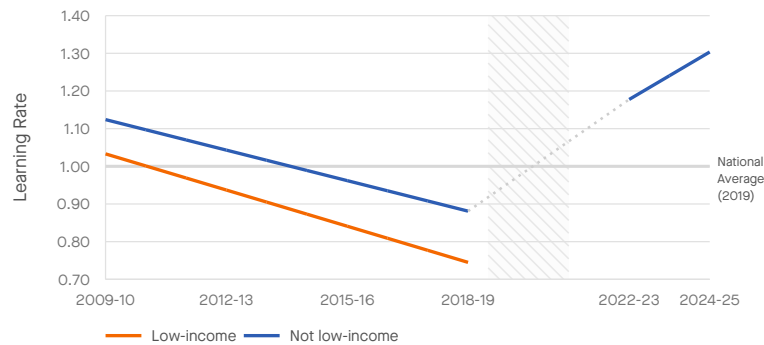
**Trend in Learning Rates (All Students)**



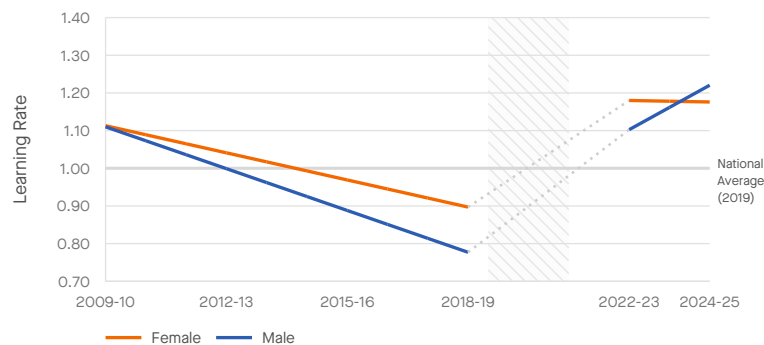
**Trend in Learning Rates, by Student Race/Ethnicity**



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



**Trend in Learning Rates, by Student Gender**



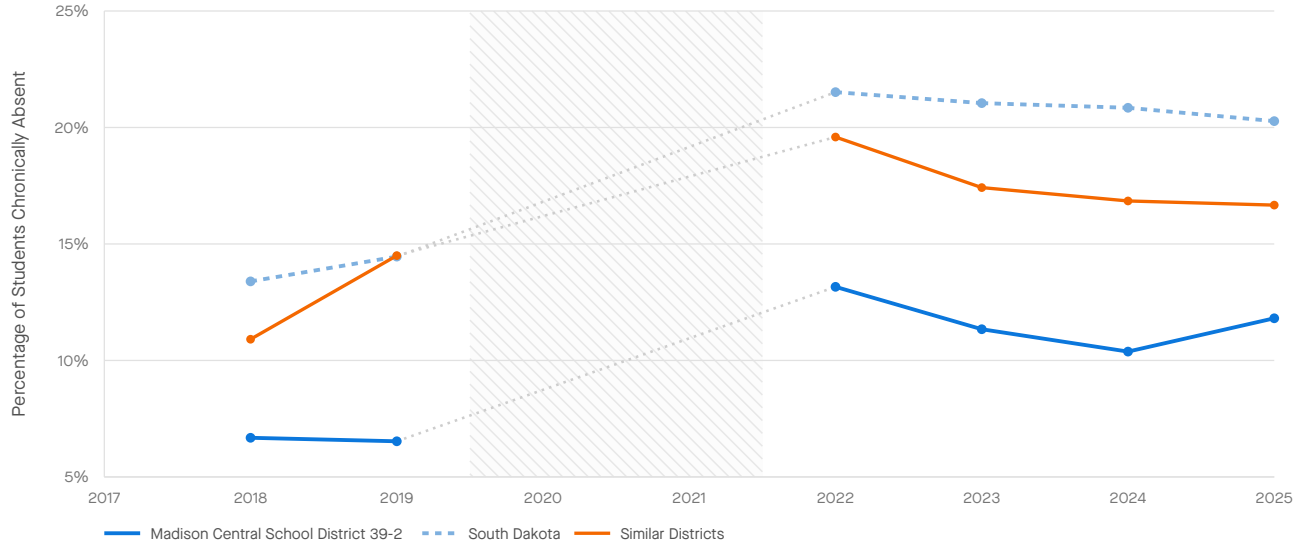
# Madison Central School District 39-2, South Dakota



## 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
Madison Central School District...	6.6	11.7	+5.1
Similar Districts Avg.*	11.9	17.6	+5.8
South Dakota	13.9	20.9	+7.0

\*Similar districts are the nearest matches within the same state based on socioeconomic status, demographics, and size. Similar districts for Madison Central School District 39-2 are Belle Fourche School District 09-1, Spearfish School District 40-2, Lead-Deadwood School District 40-1, Yankton School District 63-3, and Brookings School District 05-1.

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



# Madison Central School District 39-2, South Dakota



Changes in Average Math Scores in South Dakota 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



# Madison Central School District 39-2, South Dakota



Changes in Average Reading Scores in South Dakota 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



# Madison Central School District 39-2, South Dakota



Change in Chronic Absenteeism in South Dakota 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 Madison Central School District 39-2 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.

### Citation:

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