

Michigan Education Visualization And Analytics Solution (EVAAS) Presentation

Accelerating Student Learning Through the Power of Data and Analytics

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Who is SAS?

SAS is the leader in data analytics. Through innovative software and services, SAS empowers and inspires clients around the world to transform data into intelligence.



SAS in K-12 Education

Educators Benefiting
from SAS



500K+

Students Supported
by SAS



15 Million+

K-12 Districts
Using SAS



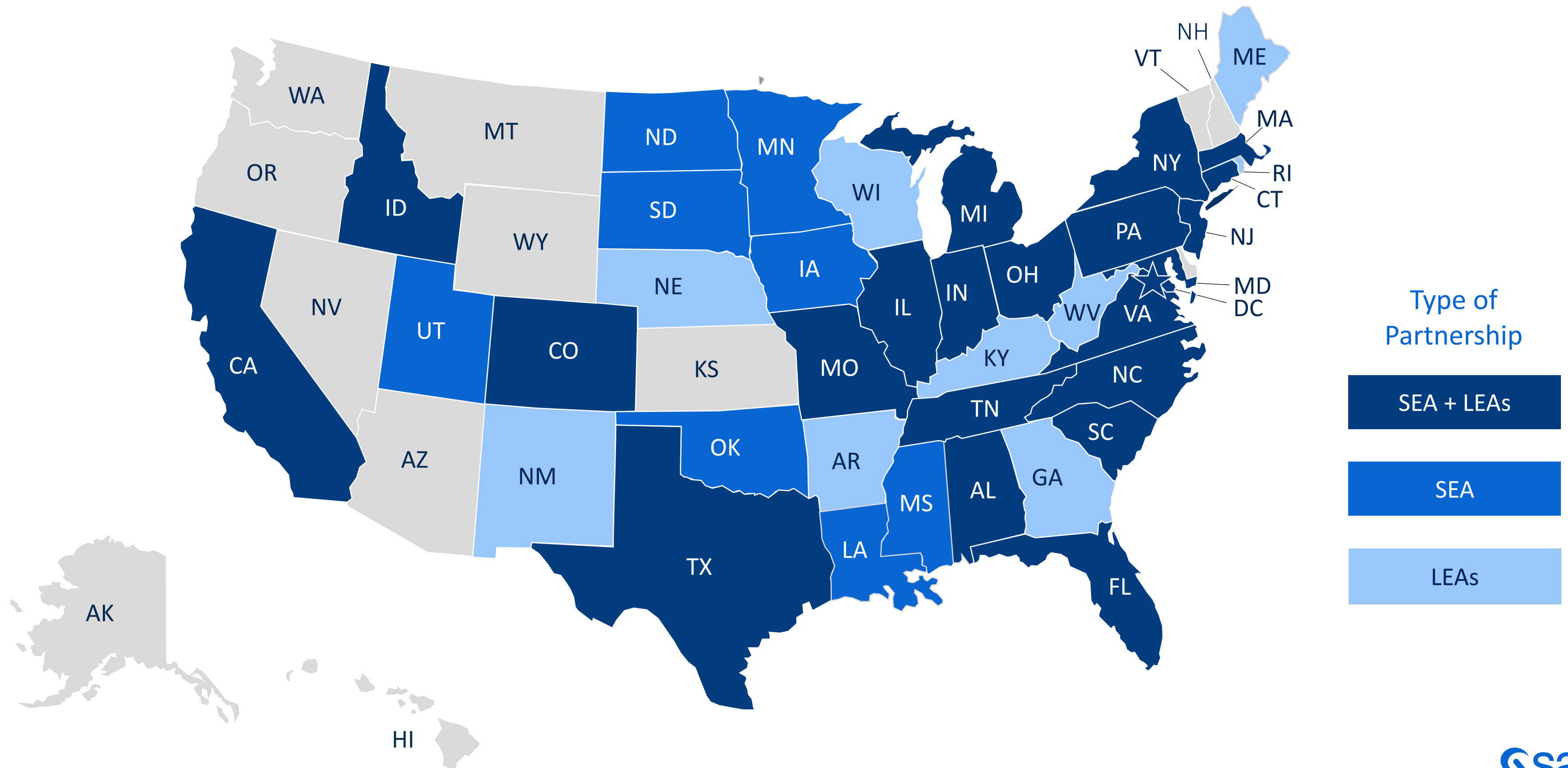
3000+

States Leveraging
SAS



40

State and Local Education Agencies Using SAS


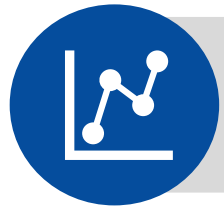





Trusted Analytics. Transforming Education.



Education Visualization and Analytics Solution (EVAAS)

KEY BENEFITS:

-  **Provide** insights into student growth to inform instructional practices.
-  **Project** the likelihood of student success on future assessments.
-  **Optimize** academic supports and interventions.
-  **Evaluate** local and statewide education initiatives.
-  **Provide** public transparency on student academic outcomes.


With EVAAS, you have a flashlight that can help point the way to student success. If you can get people focused on the data, they see it's something they have the power to change, then they own it.



Phillip Jankowski • Superintendent • Anchor Bay Schools



Michigan EVAAS Reports for the Public



About EVAAS

EVAAS, an educational visualization and analytics solution, measures students' academic growth over time. Its focus is student growth rather than student proficiency on the state assessment. EVAAS helps educators identify best practices, implement programs that best meet the needs of their students, and make informed decisions about where to focus resources to ensure growth opportunities for all students.

School Reports
These reports show academic growth for all schools in Michigan. This information is available for individual subjects, grades, and years.
[See School Reports](#)

District Reports
These reports show academic growth for all districts in Michigan. This information is available for individual subjects, grades, and years.
[See District Reports](#)

Comparison Reports
These reports provide growth measures for all districts and schools in Michigan. This information allows for comparison of schools and districts across the state and includes interactive reports for selecting the data of interest.
[See Comparison Reports](#)

Frequently Asked Questions

- [What is the difference between achievement and growth data?](#)
- [What is value-added assessment?](#)
- [What is EVAAS?](#)
- [What are the benefits of EVAAS?](#)
- [What specific types of EVAAS reporting are available to districts and schools through the restricted website?](#)

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EVAAS

Reports

Configuration

Population
All districts in the state

Base Year
2023

Base Test and Subject
M-STEP and PSAT 8 English Language Arts 4th Grade

Axis Selection

Growth vs. Achievement

[Flip axes](#)

Compare by

- None
- Year
- Grade
- Other

District Scatterplot

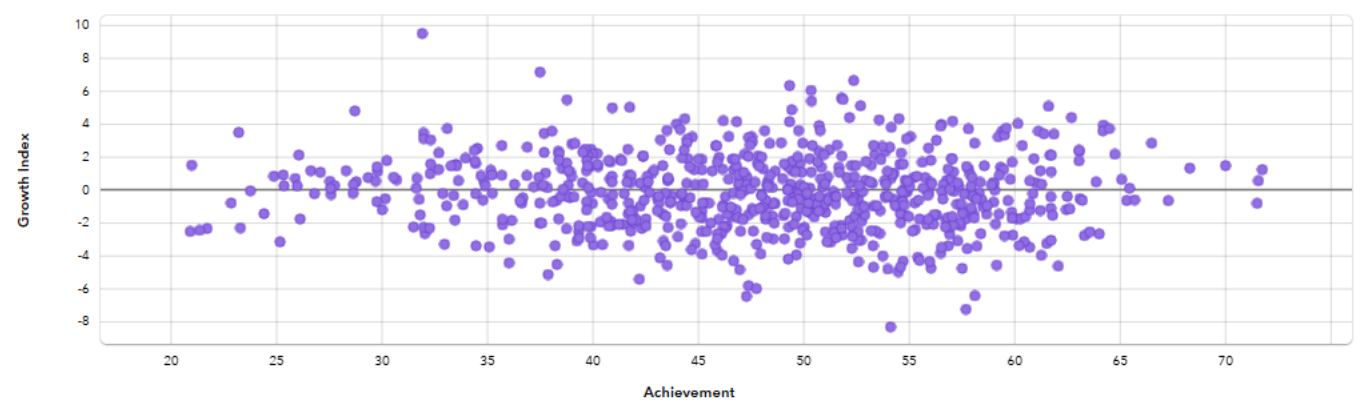
What can we learn about our students based on observed relationships between the data?

This report enables you to create graphs that display the relationship between two variables. Choose a variable for each axis in the graph to customize the way the data is displayed.

Growth Index vs. Achievement
This selection shows the relationship between growth and students' achievement level. The pattern you see can provide insight into the effects of educational practices and policies... [Read more](#)

2023 M-STEP and PSAT 8 English Language Arts 4th Grade

Growth Index vs. Achievement



Data

[Browse](#) [Data Table](#)

All Districts

Hover over a district to view its data points on the graph. Click on a district to highlight its data points on the graph.

Data Group: District | Growth Index | Achievement

Graph Legend

Data Groups: **District (Default)** Active

Visible Data Points: 723 out of 723

Michigan EVAAS Reports for Educators

EVAAS
Reports

Districts
Schools

District: Midtown Shoals

← All Districts →

Value-Added

Diagnostics

Comparisons

+ Add a Comparison

Data to Display

Growth Indicator

 Growth

 Achievement

 Student Count

Tests and Subjects

M-STEP and PSAT 8

- English Language Arts
- Mathematics

M-STEP

- Science
- Social Studies

PSAT 8/9 in Grade 9 (PSAT 8/9)

- Evidence-Based Reading and Writing
- Mathematics

PSAT 10

- Evidence-Based Reading and Writing
- Mathematics

SAT

- Evidence-Based Reading and Writing
- Mathematics

Midtown Shoals

Download Report

What are the trends in growth and achievement?

This report enables you to select data of interest, assess trends over time, and compare results. Use the filters on the left to explore growth and achievement data. Depending on the assessment, achievement is reported in Normal Curve Equivalents (NCEs) or scale scores and does not reflect proficiency level.

Click on a chart in the table for more details.

| Subject | ← Year | ← Grade | Growth Indicator |
|---|--------|---------------|---|
| M-STEP and PSAT 8 English Language Arts | 2112 | 4 | ↑ Well Above |
| | | 5 | ↑ Above |
| | | 6 | ✓ Expected |
| | | 7 | ✓ Expected |
| | | 8 | ↓ Well Below |
| | | Across Grades | ✓ Expected |
| PSAT 8/9 Evidence-Based Reading and Writing | 2112 | 9 | ↓ Well Below |
| PSAT 10 Evidence-Based Reading and Writing | 2112 | 10 | ↓ Below |
| SAT Evidence-Based Reading and Writing | 2112 | N/A | ↓ Below |

Legend and Glossary

Legend
Glossary
Methodology

District and School Value-Added

- ↑ **Well Above** Significant evidence that students made more growth than expected
- ↑ **Above** Moderate evidence that students made more growth than expected
- ✓ **Expected** Evidence that students made growth as expected
- ↓ **Below** Moderate evidence that students made less growth than expected
- ↓ **Well Below** Significant evidence that students made less growth than expected

Evidence of less growth
 ← Index is less than -3.00

Expected Growth
 Index is greater than 3.00

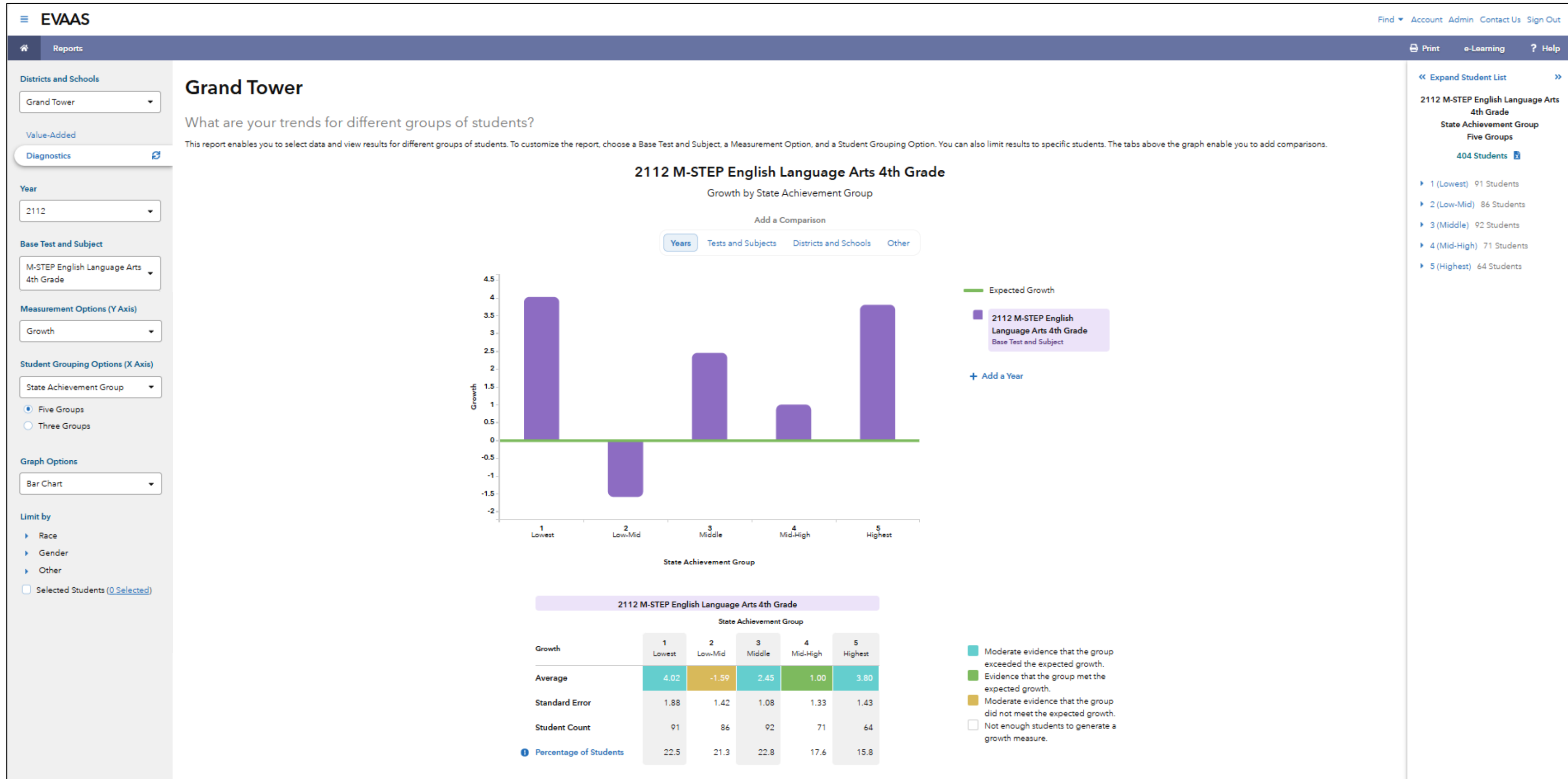
Evidence of more growth
 → Index is greater than 3.00

Growth Index

i Achievement results and growth results must be used together to get a complete picture of student learning.

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Michigan EVAAS Reports for Educators



Michigan EVAAS Reports for Educators

EVAAS
Reports

Student: 000603526, Student

Name: 000603526

[Find Students](#)

[Student Report](#)

Tests and Subjects

Filter subjects in all data tiles

- Benchmark Assessment
- M-STEP
- PSAT 8/9 in Grade 8 (PSAT 8/9)
- PSAT 8/9 in Grade 9 (PSAT 8/9)

Data Tiles

- Testing Information
- Student Projections
- Value-Added History

000603526, Student [Student Information](#)

What is the student's past and projected performance?

This report displays the selected student's testing history, projected performance on future assessments, and demographic information. This data can help teachers understand a student's history and plan for future learning needs.

Testing Information ↗

This data tile displays the student's performance on prior assessments. The data represents snapshots of the student's academic performance each year and should not be interpreted as a student's growth trend.

Testing History

Year (Semester)

All subjects

- Not Proficient
- Partially Proficient
- Proficient
- Advanced

Projected Probability of Reaching or Exceeding

8th PSAT 8/9 English Language Arts

Reference Population

State

Tests and Subjects

- M-STEP

Focus Subject

- English Language Arts
- Mathematics
- Science
- Social Studies

Growth Across Time

- None Selected
- Past Expected
- Future Projected

Projection

8th PSAT 8/9 English Language Arts

Future Projected: 8th PSAT 8/9 English Language Arts

| Tests and Subjects | Grade | Probability of Reaching or Exceeding the Indicated Performance Level or Benchmark | | | |
|--------------------------------|-------|---|----------------------|------------|----------|
| | | Not Proficient | Partially Proficient | Proficient | Advanced |
| PSAT 8/9 English Language Arts | 8 | 100.0% | 90.9% | 74.7% | 32.4% |

Michigan EVAAS Success Story: Anchor Bay and Armada

The screenshot shows the SAS website's success story page. At the top, the SAS logo is on the left, and navigation links for 'SAS Innovate', 'Software', 'Learn', 'Support', 'Partners', and 'About Us' are on the right. Below the navigation is a dark blue header with 'Customer Success Stories > Anchor Bay and Armada Area School Districts' and a 'Request a Demo' button. The main content area features a large image of a teacher pointing at a whiteboard in a classroom. To the right of the image are two columns of text: 'Diagnostic and predictive insights to accelerate student learning' and 'Data-driven decisions for students, schools and communities'. Below this is a grey bar with the text 'Anchor Bay and Armada Area school districts achieved this using • SAS® EVAAS for K-12'. At the bottom, there are social media icons for Facebook and LinkedIn, followed by a quote from Michigan's Anchor Bay and Armada Area school districts. A small chat icon is in the bottom right corner.

Nudging students and school districts toward unimagined success

Anchor Bay School District

Diagnostic and predictive insights to accelerate student learning

Data-driven decisions for students, schools and communities

Anchor Bay and Armada Area school districts achieved this using • SAS® EVAAS for K-12

Michigan's Anchor Bay and Armada Area school districts use SAS to encourage students and educators to dream bigger and achieve higher

In the bestselling book *Nudge*, Nobel Prize-winning economist Richard Thaler and legal scholar Cass Sunstein write that the way options are presented can nudge us toward better choices and overcome the decision fallacies that hold us back. Nudges are encouragements, not constraints.

Michigan's Armada Area and Anchor Bay school districts wanted to evolve from a focus on attaining grade-level standards to nurturing individual potential by introducing students to an array of opportunities. With the expectation that if you surprise students, they just might surprise you.



By examining the data, if a student who appears ready to advance is not taking higher-level classes, we invite them to move forward, we'll offer them a seat in those higher classes to make sure they are advancing to their fullest potential.

Kelly Skokna • Assistant Superintendent of Curriculum and Instruction • Armada Area Schools

Michigan EVAAS Resources

The screenshot shows the EVAAS Michigan website home page. At the top left, it says "EVAAS Michigan" and "Contact Us". The main header features the "EVAAS MICHIGAN" logo in large white text on a blue background. Below the logo are two buttons: "Log In" and "Public Access".

The page is divided into four main sections:

- Understanding EVAAS:** Includes links for "What is EVAAS?", "Frequently Asked Questions", "Topics in Value-Added Modeling", "Statistical Models and Business Rules of EVAAS Analyses", and "Understanding EVAAS Growth Reports in 2021".
- Using EVAAS:** Includes links for "Managing Accounts", "District and School Diagnostic Desk Reference", "District and School Value-Added Desk Reference", "Student Report Desk Reference", "Student Reports Training Webinar Recording", and "Teacher Reports Webinar Recording".
- Success Stories:** Includes links for "MI - Anchor Bay and Armada Area school districts use SAS to encourage students and educators to dream bigger and achieve higher", "PA - Two principals discuss how they use data to support their students and teachers", and "TX - Austin and Longview use EVAAS to drive differentiated instruction".
- Publications:** Includes links for "Key Research Findings" and "Current Knowledge about Value-Added Modeling".

At the bottom, there is a call to action: "For comprehensive information about EVAAS, log in and click Help." and the SAS logo.

The screenshot shows the Michigan DataHub page for SAS EVAAS. The header includes the "MICHIGAN DataHub" logo, social media icons for LinkedIn, X, and YouTube, and login options for "MiLaunchPad" and "Basecamp". A search bar is also present.

The navigation menu includes: "What is MiDataHub?", "Who Benefits?", "Product Catalog", "Support", "Documentation", "Events", and "Studies & Reports".

The main content area is titled "SAS EVAAS" and includes the following information:

- Integration Status:** Production
- Integration Type:** Ed-Fi API
- Product/Initiative:** Product
- System:** Education Applications

Vendor/Sponsor/Owner: Vendor - [SAS EVAAS for K-12](#)
Contact: EVAAS Support Team, EVAAS_Support@sas.com

SAS® EVAAS uses teacher and student information in files from the Michigan Data Hub to:

- Provide districts with student and/or teacher reporting based on state summative assessments
- Where sufficient data exists, provide districts with student and/or teacher reporting based on additional assessments administered by districts
- Create user accounts for teachers
- Update student enrollment for student reports

To opt in for teacher reports and student enrollment updates, districts will need to integrate their Student Information System with MiDataHub and publish over the student-teacher linkages from the most recent testing year and its student enrollment data for the current academic year. EVAAS will send updates to EVAAS district admins about due dates and other important information.

The screenshot shows the EduPaths course page for "EVAAS: What is EVAAS?". The page includes a navigation bar with "Home", "Catalog", and "Resources".

The course title is "EVAAS: What is EVAAS?". Below the title, it states: "By the end of this e-learning, educators will have a foundational understanding of the purpose, function, and uses of EVAAS."

Course details include:

- Estimated Duration:** 15 minutes
- Currently Enrolled:** 22
- Credit Eligible:** Yes (indicated by a star icon)
- Rating:** 5 stars (8 ratings)
- Enroll Now:** A blue button to enroll in the course.

The footer includes the MAISA logo and the copyright notice "© 2025 EduPaths".

The screenshot shows the MASA (Michigan Association of Superintendents & Administrators) website page for "Using EVAAS to Assist with MICIP". The header includes the MASA logo and the full name of the association.

The navigation menu includes: "HOME", "ABOUT", "MEMBERS", "STRATEGIC PARTNERS", "PROGRAMS & SERVICES", "ADVOCACY", "COMMUNICATIONS", "RESOURCES", and "CONFERENCE".

The main content area is titled "Using EVAAS to Assist with MICIP" and includes the following information:

- What is EVAAS?** SAS' Education Visualization and Analytics Solution (EVAAS) is a web-based reporting system available to all districts and schools in Michigan. Designed to support educators and administrators as they reflect on past practices and plan for students' future needs and goals, EVAAS provides a series of interactive reports to assess student growth, inform instructional decisions, and use resources more strategically.
- How does EVAAS support educators?** EVAAS helps educators:
 - Make decisions about curriculum, student support, and instructional strategies to address the needs of all students.
 - Examine academic growth patterns to consider what is working well and what might need to be adjusted.
 - Monitor student progress and differentiate instruction for all students.
 - Inform parent-teacher conferences with objective information about student outcomes.

