

DBE DATA SUMMIT 2024

Where insight meets impact

ERIC JANSSON

Vice President: Technology,
Ed-Fi Alliance



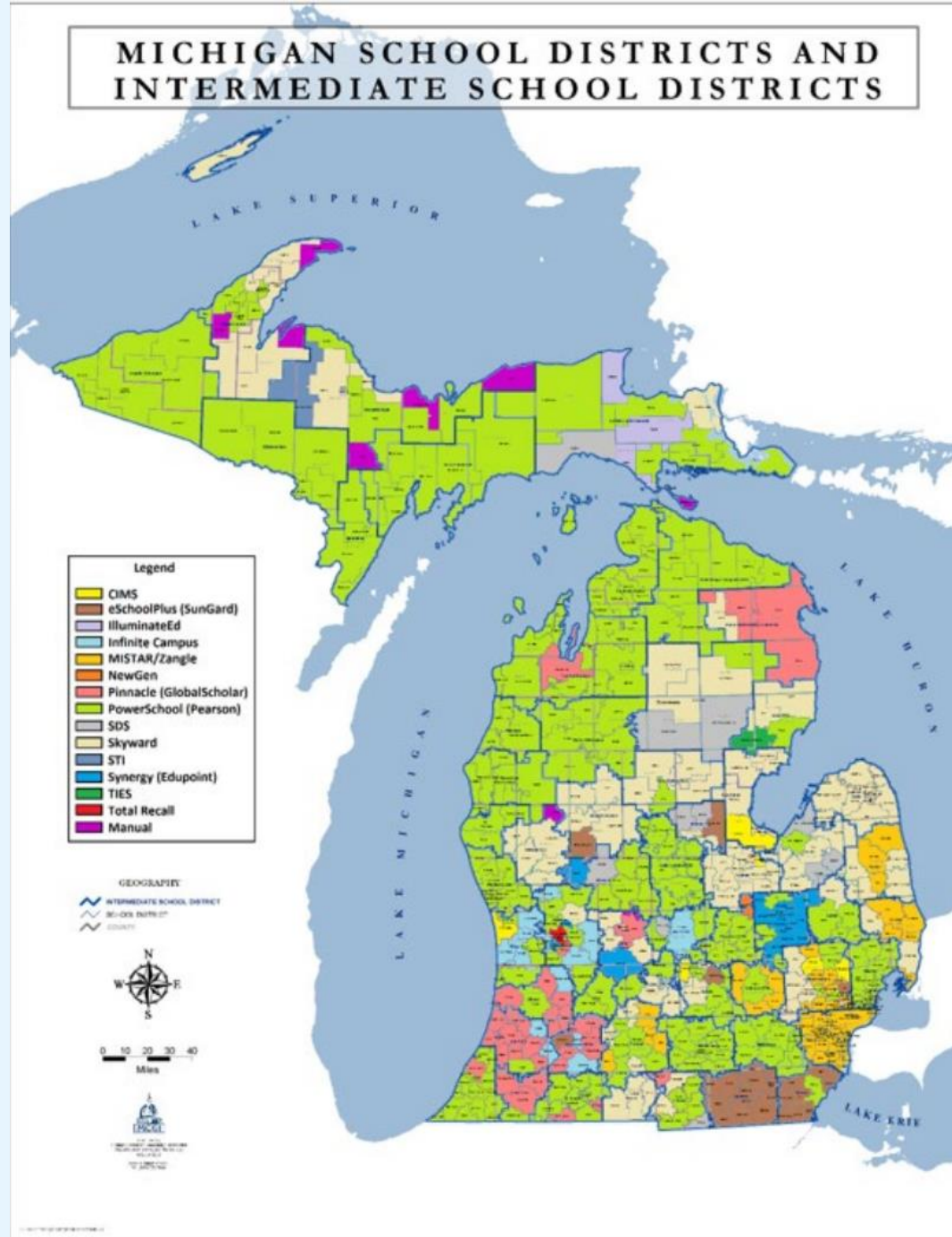


data interoperability

— NOUN [/dae-tuh,in(t)ər,äp(ə)rə'bilədē/]

The seamless, secure, and controlled exchange of data between applications.

MICHIGAN SCHOOL DISTRICTS AND INTERMEDIATE SCHOOL DISTRICTS



GRADEBOOK

A common feature of student systems

Educator Access Plus Teacher Access Student Services Access Advisor Access Administrator Access Food Service

Comment Entry My Print Queue

Grading Period: 06/14/16 to 10/14/16 TERM 1

View Comment Codes Hide Grade Columns

Grad Yr	First Name	Last Name	Alerts	T1	C1	C2	C3	Freeform
2028	SCOTT	BAILEY			080			
2028	BELLA	COOK						
2028	THOMAS	DAVIS						
2028	SERENITY	EVANS						
2028	ALAN	HALL						
2028	PEYTON	HUGHES						
2028	MIA	JENKINS						
2028	JEREMY	MURRAY						
2028	GRACE	NELSON						
2028	SAVANNAH	POWELL						
2028	SADIE	REYNOLDS						
2028	AARON	THOMAS						
2028	MACKENZIE	THOMPSON						
2028	NATALIE	WATSON						

Home Teacher Access Student Services Access Advisor Access Administrator Access

Score Entry My Print Queue

Salary Cap Save Undo Back

Post to Family Access Week 41 - Friday - 06/09/2017 Category: HMWK Max Score: 100

Post to Student Access

9 un-scored students: Mark un-scored as 0 and Missing

Students	Absent	Score	Special Code	No Count	Missing	Comment
1 AASESC, DAMIEN I						
2 ALOSASC, BROOKS X						
3 BARBIASC, NICHOLE L						
4 BUTTARYSC, BOYCE N						
5 FRANKLINSC, WILLIE						
6 HANNIGSC, ELIA S						
7 KETTELSC, BO K						
8 NORBLUNDSC, WOODROW R						
9 POTTERSC, JAE M						

Change blank comments to:

Mass Assign Options

- Assign All Scores to: 100 out of 100
- Overwrite scores
- Adjust All Scores by: 0 points
- Remove All Scores
- Set All to No Count
- Remove All No Count
- Remove All Missing

Special Codes

Code	Description
*AD	Automated Drop Score
L	Late
R	Redo code
RNG	Rcvd not yet graded

Southpoint High School 2019-2020 Quarter 1

CHEM0001 Class

Search Search Help

Overview Students Attendance Grades Configuration Assignments Grades

Gradebook Grades Input Final Grades

Search... Include Inactive Students Show Ungraded Only Put Asterisk (*) as points value to exempt a student from an assignment

Name	Running Avg & Letter Grade	Due : April 30, 2021 Quiz 1 Quiz Weightage : 40%	Due : April 16, 2021 African Music Design Project Classwork Weightage : 40%	Due : April 6, 2021 Practice Vocals Homework Weightage : 10%	Due : Mar 29, 2021 Rock Music Design Project Homework Weightage : 10%	Due : Mar 13, 2021 Project 01 Special Projects Weightage : 10%	Due : April 30, 2021 Quiz Weightage : 40%
Justin Aponte ID : OPS54	72% [B+]	/20	18/20 90% [A+]	18/20 90% [A+]	18/20 90% [A+]	18/20 90% [A+]	/20
Javier Holmes ID : OPS62	68% [B]	/20	17/20 85% [A]	17/20 85% [A]	17/20 85% [A]	17/20 85% [A]	/20
James Parker ID : OPS54	60% [B]	/20	15/20 75% [B]	15/20 75% [B]	15/20 75% [B]	15/20 75% [B]	/20
Colin Parker ID : OPS45	68% [B]	/20	17/20 85% [A]	17/20 85% [A]	17/20 85% [A]	17/20 85% [A]	/20

Submit



MICHIGAN SCHOOL DISTRICTS AND INTERMEDIATE SCHOOL DISTRICTS

Legend

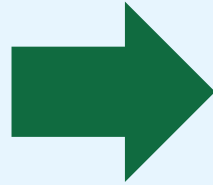
- CIMS
- eSchoolPlus (SunGard)
- IlluminateEd
- Infinite Campus
- MISTAR/Zangle
- NewGen
- Pinnacle (GlobalScholar)
- PowerSchool (Pearson)
- SDS
- Skyward
- STI
- Synergy (Edupoint)
- TIES
- Total Recall
- Manual

GEOGRAPHY:
 ~~~~~ INTERMEDIATE SCHOOL DISTRICT  
 ~~~~~ SCHOOL DISTRICT  
 ~~~~~ CITY

0 10 20 30 40  
 Miles

17° 30' 00" N  
 82° 30' 00" W

© 2023



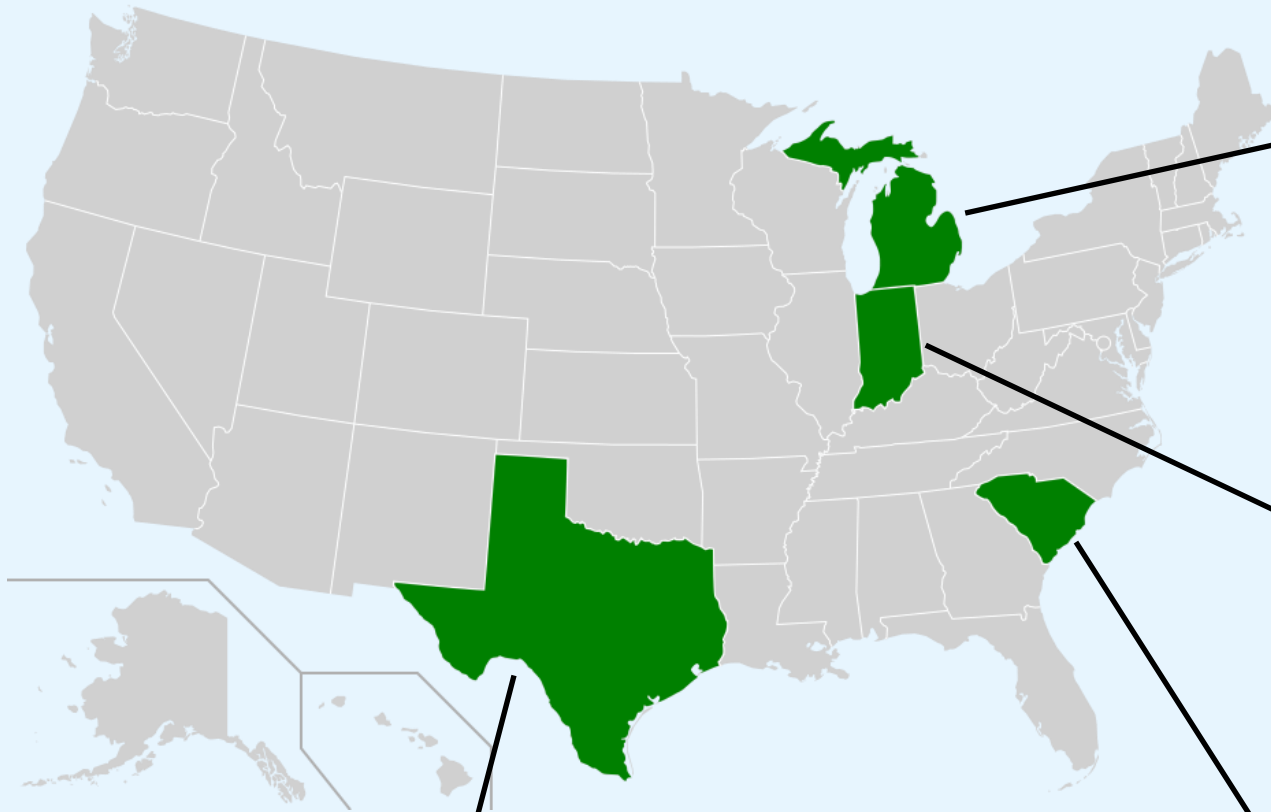
## Legend

Ed-Fi capable  
 student system

```
{
  "gradingPeriodReference": {
    "gradingPeriodDescriptor": "uri://ed-
fi.org/GradingPeriodDescriptor#First6Wk",
    "gradingPeriodName": "2021-2022 Fall Semester Exam 1",
    "schoolId": 255901107
  },
  "studentSectionAssociationReference": {
    "beginDate": "2023-08-23",
    "localCourseCode": "GEOM-01",
    "schoolId": 255901107,
    "sectionIdentifier": "25590110702Trad504ART0112011",
    "sessionName": "2023-2024 Fall Semester",
    "studentUniqueId": "604825"
  },
  "gradeTypeDescriptor": "uri://ed-
fi.org/GradeTypeDescriptor#Grading Period",
  "numericGradeEarned": 82
}
```

The background is a solid dark green. On the left side, there is a diagonal band of a lighter green shade. In the bottom-left and bottom-right corners, there are abstract geometric patterns consisting of thin white lines connecting small, glowing green dots, resembling a network or molecular structure.

The  
END



**MICHIGAN**  
Michigan DataHub



**INDIANA**  
Indiana Graduates Prepared to Succeed Dashboards



**SOUTH CAROLINA**  
South Carolina District Data Governance



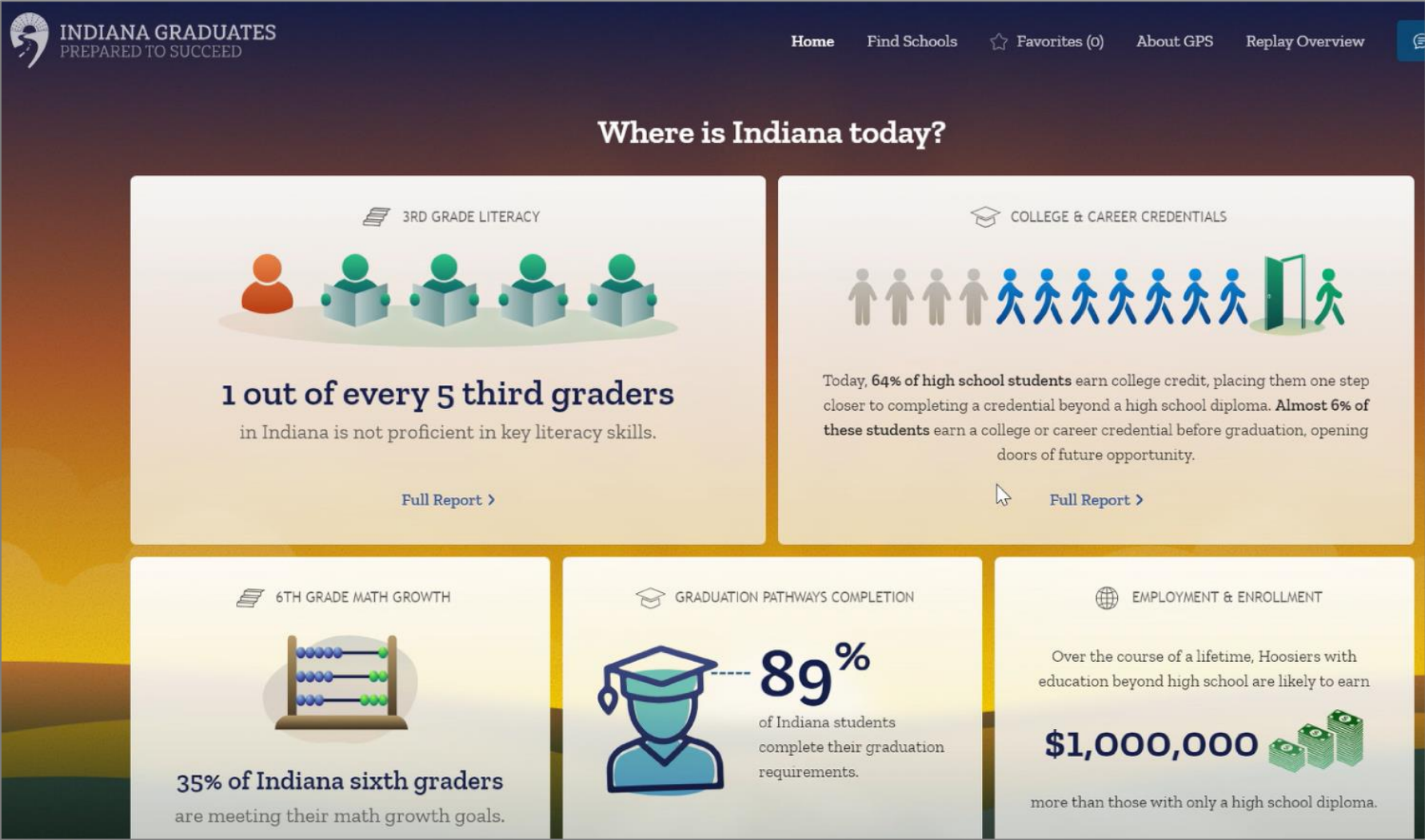
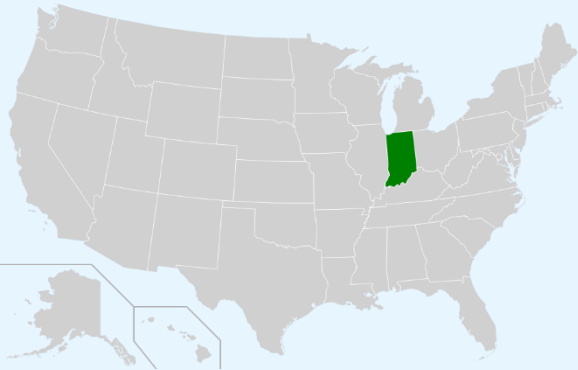
**TEXAS**  
Texas Education Exchange





# INDIANA

Indiana Graduates Prepared to Succeed Dashboards





## Where is Indiana today?

### 3RD GRADE LITERACY



**1 out of every 5 third graders**  
in Indiana is not proficient in key literacy skills.

[Full Report >](#)

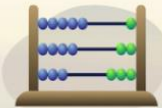
### COLLEGE & CAREER CREDENTIALS



Today, **64% of high school students** earn college credit, placing them one step closer to completing a credential beyond a high school diploma. **Almost 6% of these students** earn a college or career credential before graduation, opening doors of future opportunity.

[Full Report >](#)

### 6TH GRADE MATH GROWTH



**35% of Indiana sixth graders**  
are meeting their math growth goals.

### GRADUATION PATHWAYS COMPLETION



**89%**  
of Indiana students  
complete their graduation  
requirements.

### EMPLOYMENT & ENROLLMENT

Over the course of a lifetime, Hoosiers with  
education beyond high school are likely to earn  
**\$1,000,000**  
more than those with only a high school diploma.

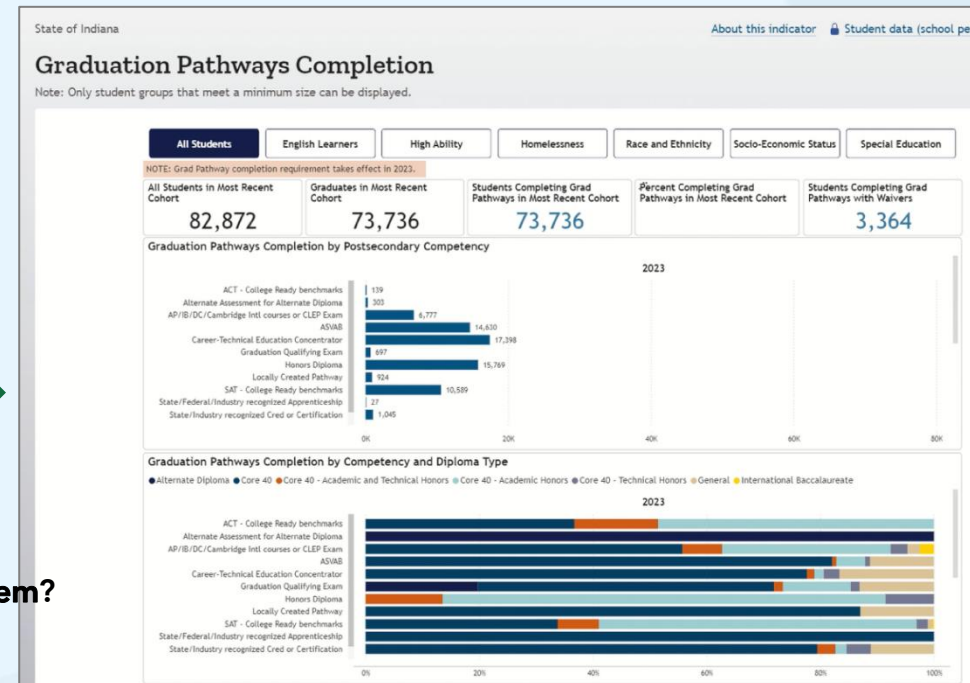
## Summary view

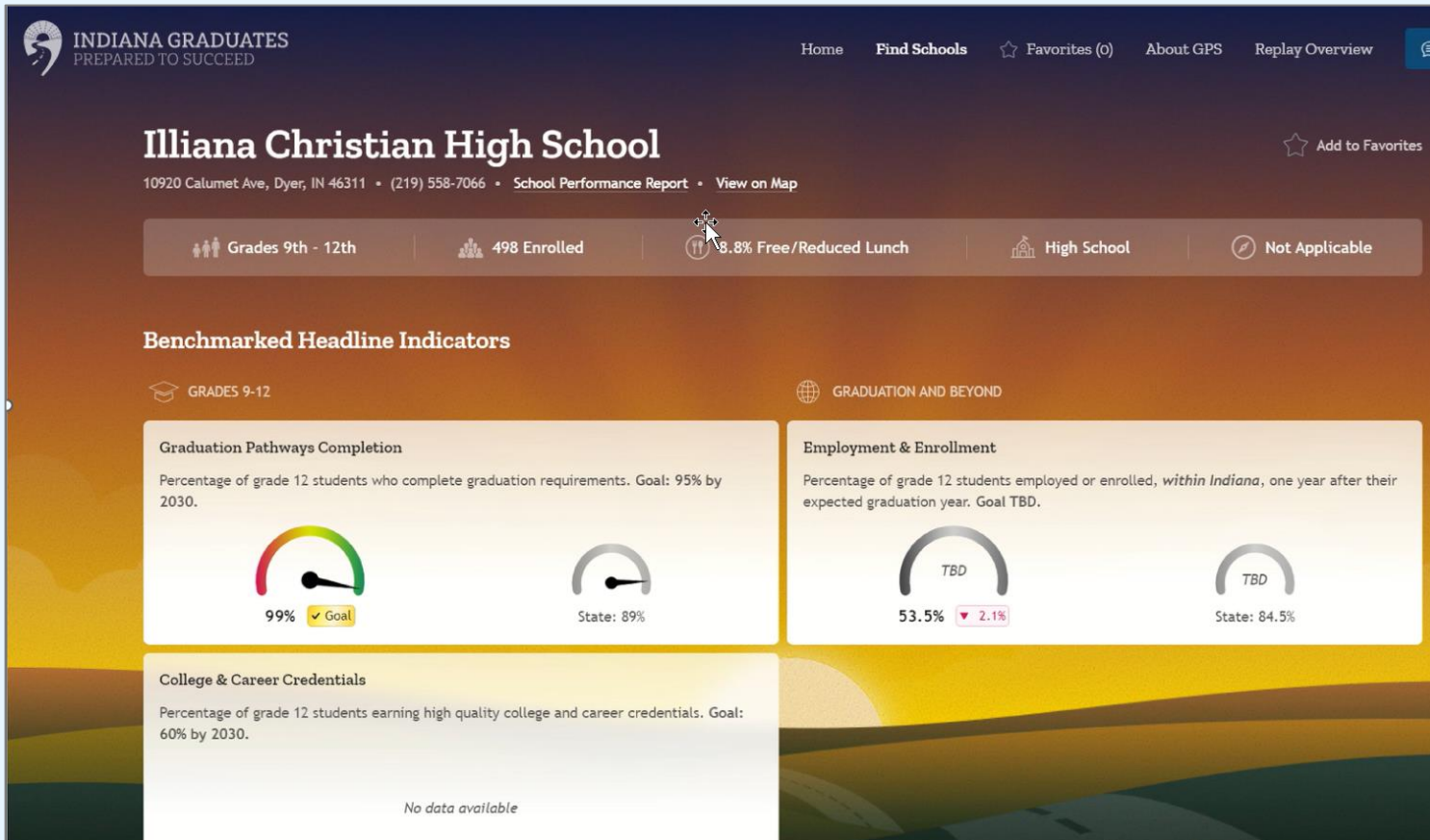
- How is our education **system** performing?

## Detailed view

- How did we assess the **system**?
- What can we do about it?

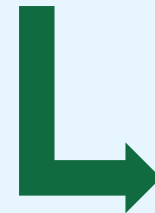
# SYSTEMS LEVEL





### Summary view

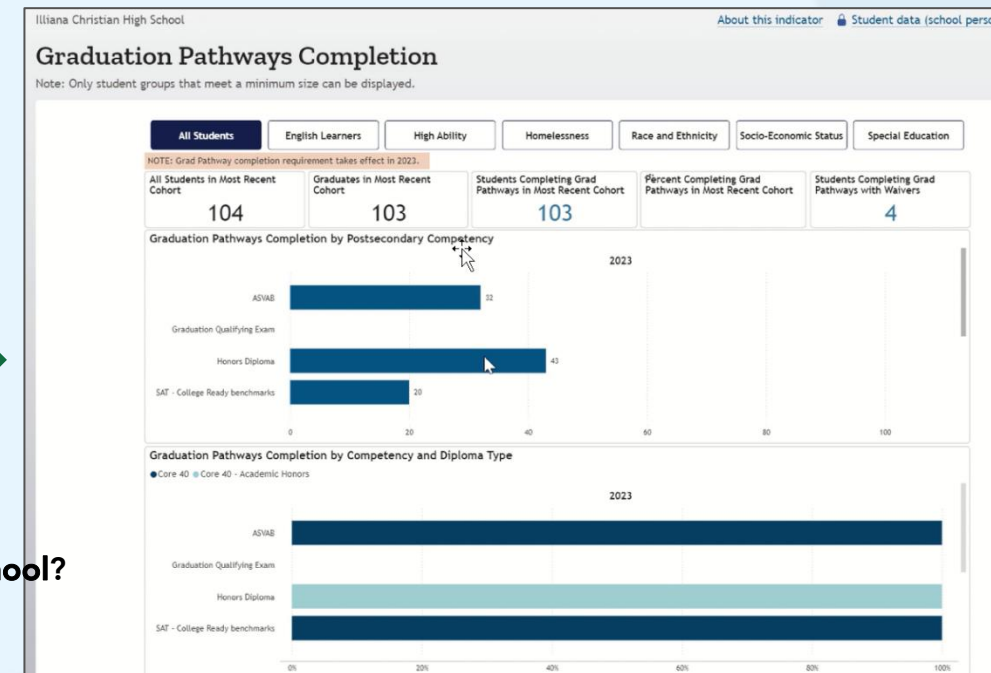
- How is our school performing?



### Detailed view

- How did we assess the school?
- What can we do about it?

# LOCAL LEVEL



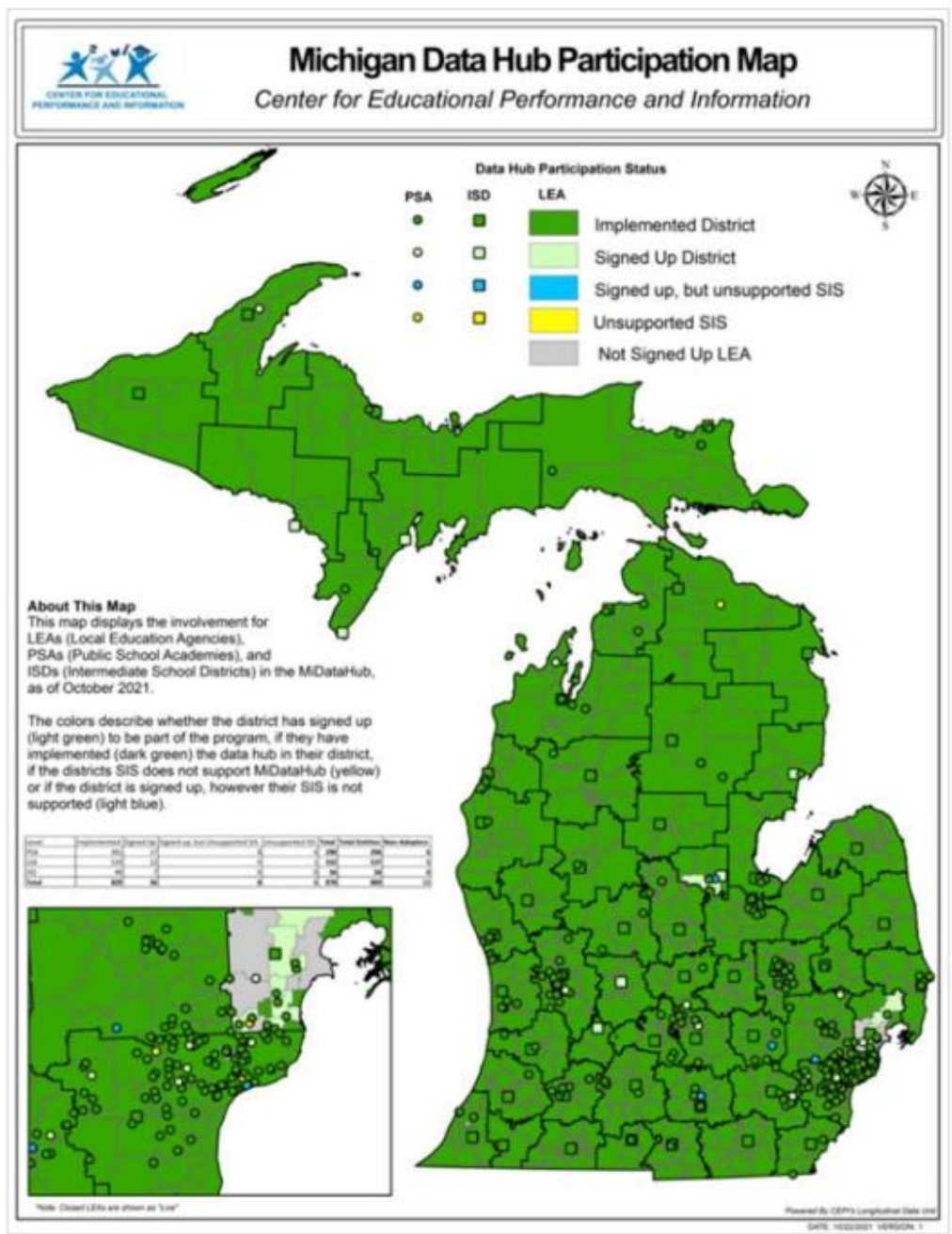
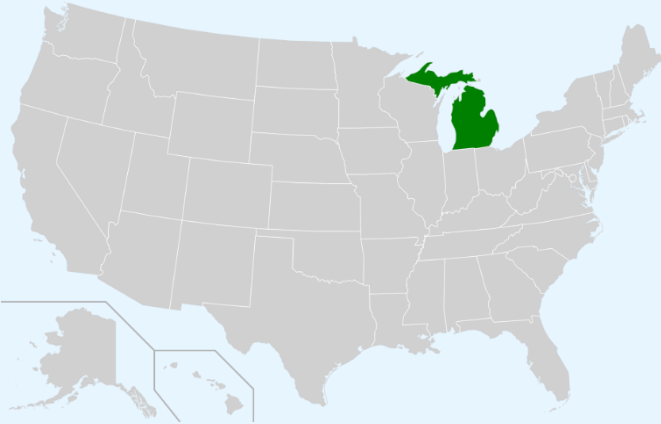
# INDIANA GPS DASHBOARDS

- Visibility into systems-level and school-level performance
- Connects stakeholders across the region into a common view
- Drives improvement via stabilizing benchmarks and comparisons
- Public transparency



# MICHIGAN

Michigan DataHub





# Product Catalog

Keyword(s)

Integration Status (Any)

Product/Initiative (Any)

System (Any)

Integration Type (1)  

☐ CSV Export

☒ Ed-Fi API

☐ Inbound Assessment

☐ Inbound Integration

☐ OneRoster API

☐ Outbound Integration

☐ Outbound Rostering

☐ SSO Integration

UPDATE

RESET



**MiRead**  
**Integration Status:** Production  
**Integration Type:** Ed-Fi API, SSO Integration  
**Product/Initiative:** Initiative  
**System:** Education Applications  
MiRead is a long-term project designed as comprehensive literacy portal, that will grow to support students, parents, teachers, coaches, administrators, ISDs, and the entire state with increasingly comprehensive supports, intelligent tools, and leverage the ongoing work of literacy groups around Michigan.



**MiSchoolData**  
**Integration Status:** Building (Developing)  
**Integration Type:** Ed-Fi API  
**Product/Initiative:** Product  
**System:** Education Analytics  
MI School Data is the State of Michigan's official public portal for education data to help citizens, educators and policy makers make informed decisions that can lead to improved success for our students. The site offers multiple levels and views for statewide, intermediate school district, district, school, and college level information. Data are presented in graphs, charts, trend lines and downloadable spreadsheets to support meaningful evaluation and decision making.















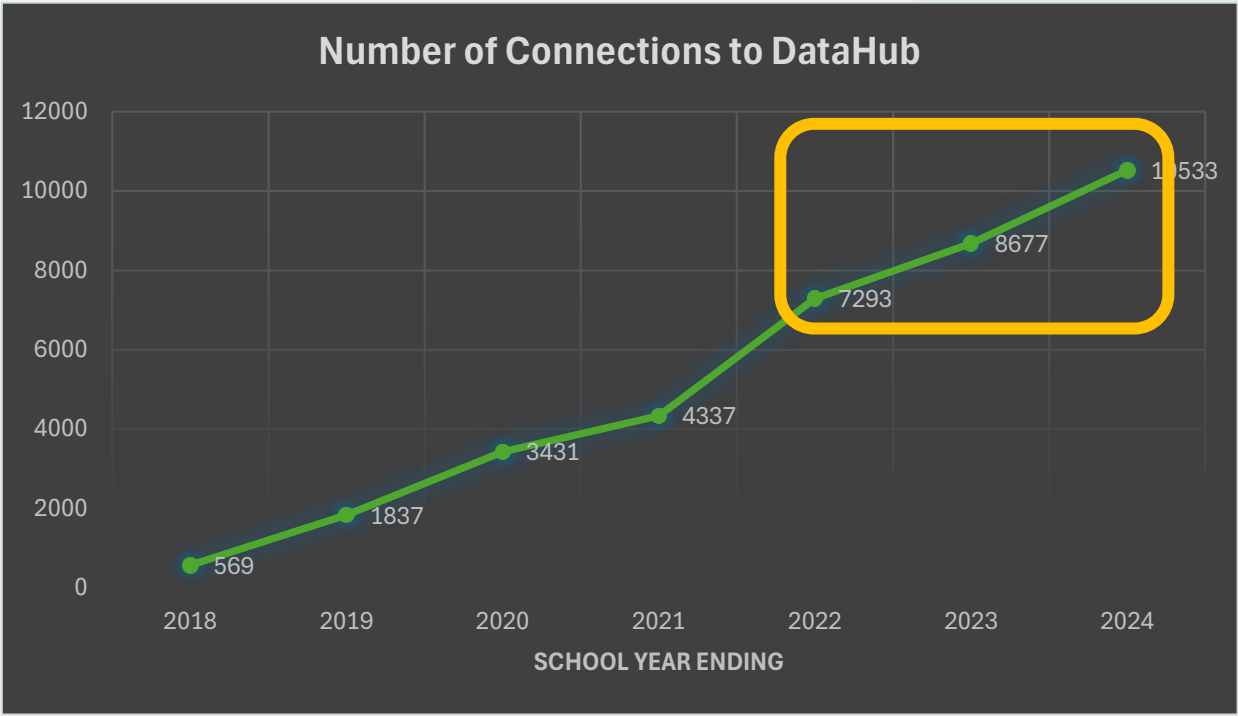
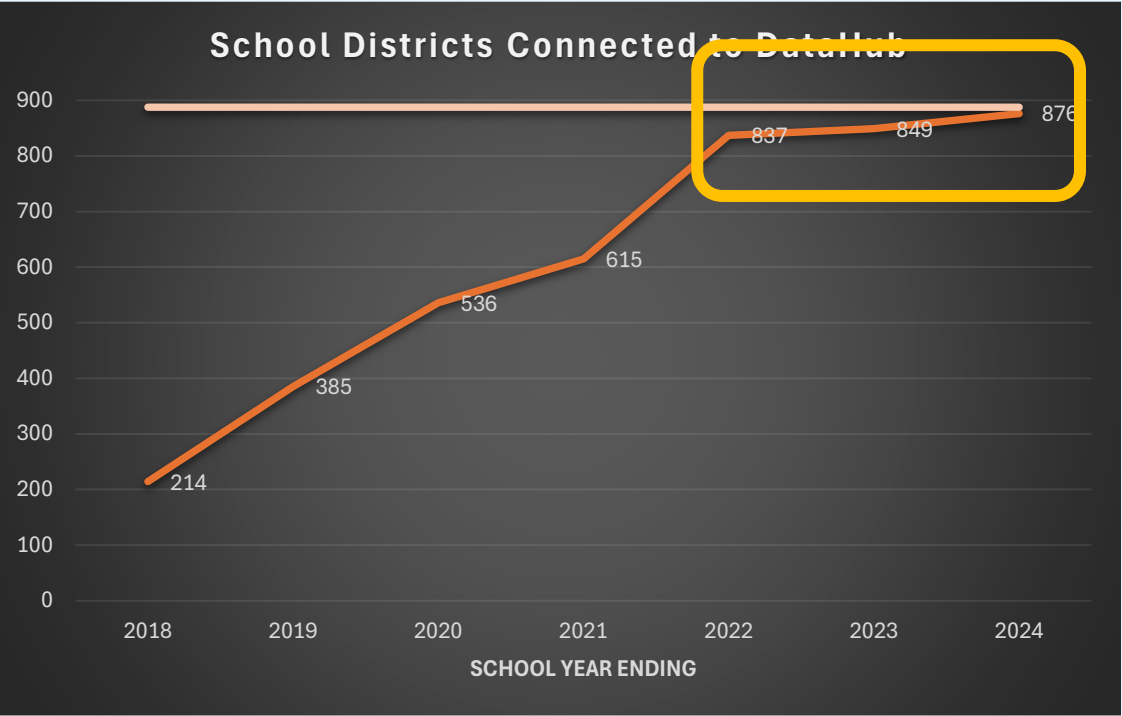
**MISTAR-Q**  
**Integration Status:** Production  
**Integration Type:** Ed-Fi API  
**Product/Initiative:** Product  
**System:** Alert/Notification, Behavior and Discipline Tracking, Early Childhood, Food Service, Scheduling, Special Education, Student Information System (SIS), Transportation Aequitas Solutions  
MISTAR-Q is our next generation Enterprise Student Management Solution. Q uses state of the art technology to deliver a fast, interactive and intuitive fully web-based application experience to end-users. Q works to proactively provide information to users not just data. The MISTAR-Q SIS has been integrated and tested as a complete solution. MISTAR-Q

## Marketplace of Integrations

## User Dashboard of Connected Apps

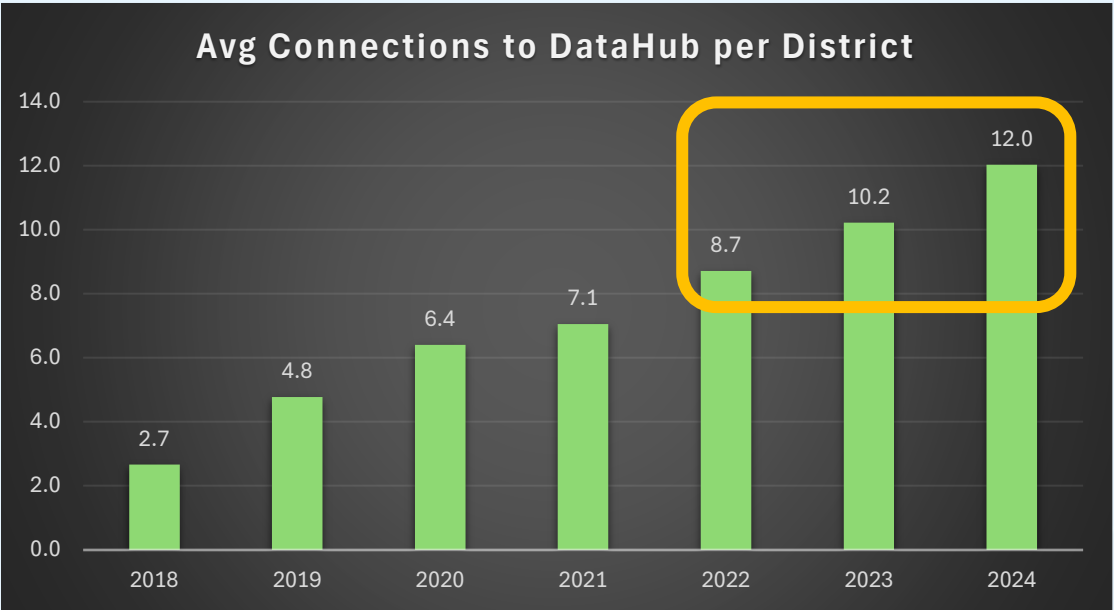
Sites that don.dailey@kresa.org can access:

|                                                                                                              |                                                                                                             |                                                                                                            |                                                                                                             |                                                                                                             |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <br>Central Cockpit       | <br>Dashboard - GMEC     | <br>Dashboard - IMC     | <br>Dashboard - KENT     | <br>Dashboard - RNMI     |
| <br>Dashboard - SWMI     | <br>Data Cockpit - GMEC | <br>Data Cockpit - IMC | <br>Data Cockpit - KENT | <br>Data Cockpit - RNMI |
| <br>Data Cockpit - SWMI | <br>MTRAx              |                                                                                                            |                                                                                                             |                                                                                                             |



## DataHub Growth

School Years Ending 2018-2024



# MICHIGAN

- Focuses on local enablement via EdTech market integration
- Connects schools into a common data architecture, but not common performance benchmarks
- Normalizes data access for schools via interoperability standards



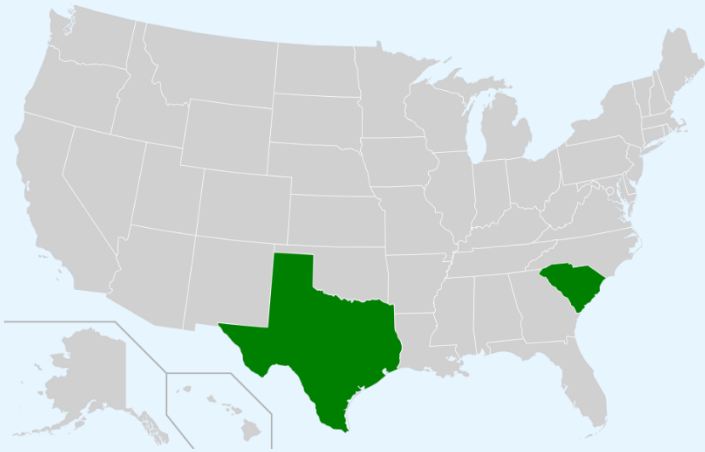
## TEXAS

Texas Education Exchange

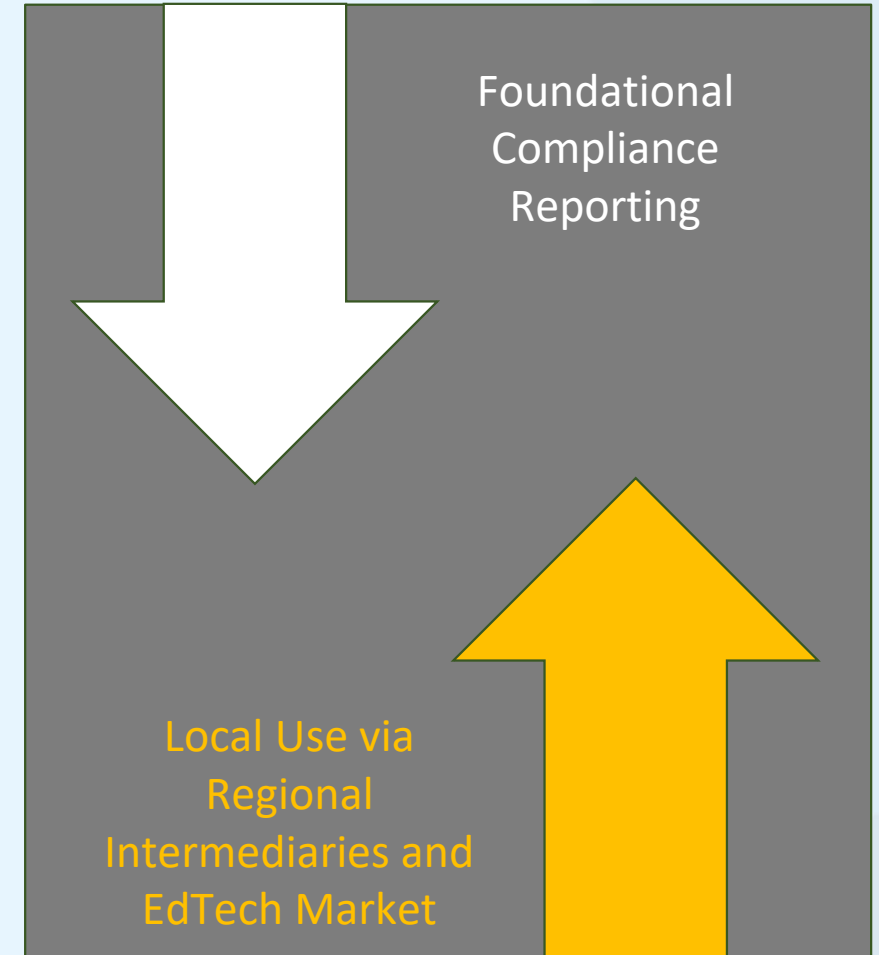


## SOUTH CAROLINA

South Carolina District  
Data Governance



**State-wide data efforts are underway in Texas and South Carolina. These mix strategies of Michigan and Indiana.**

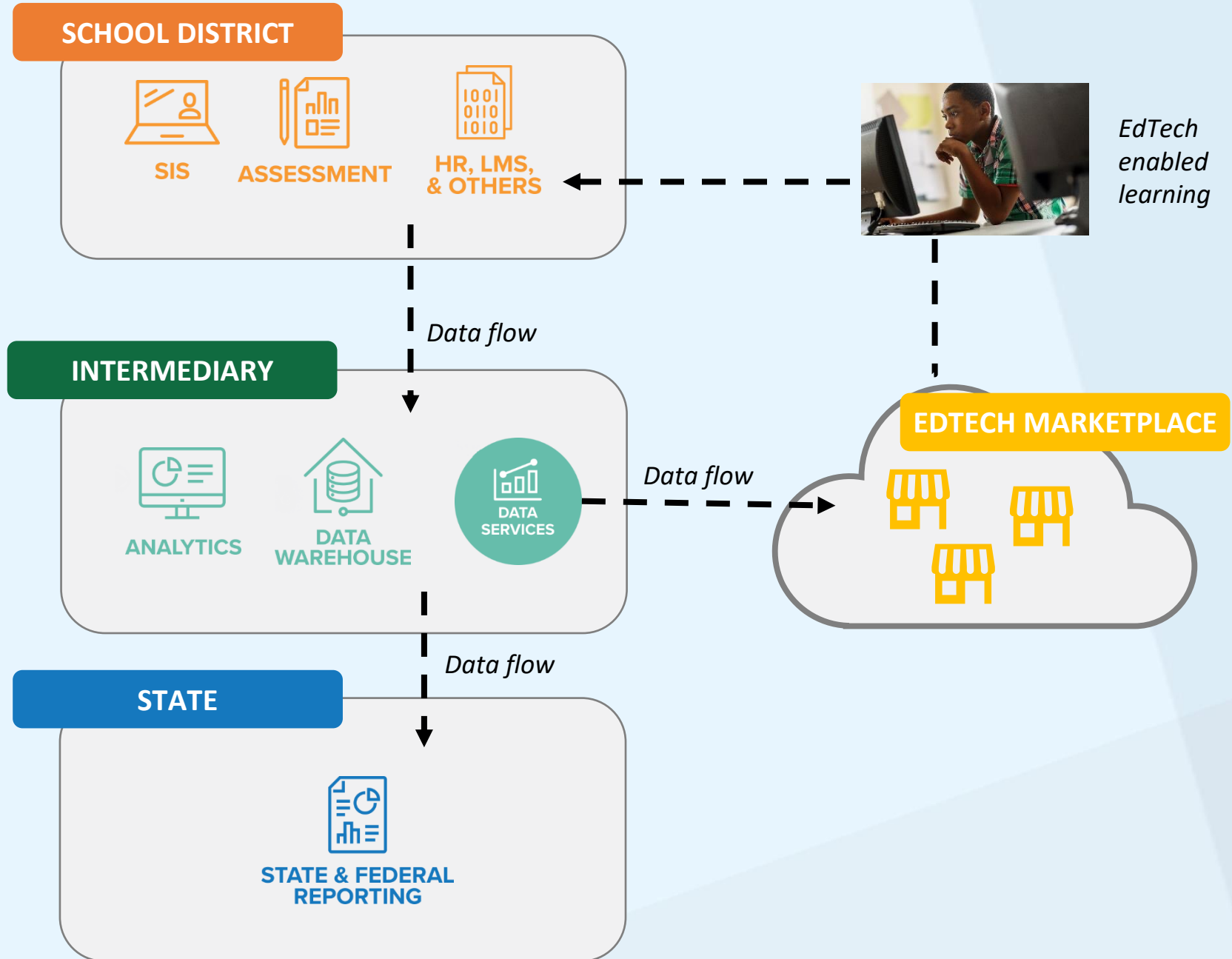
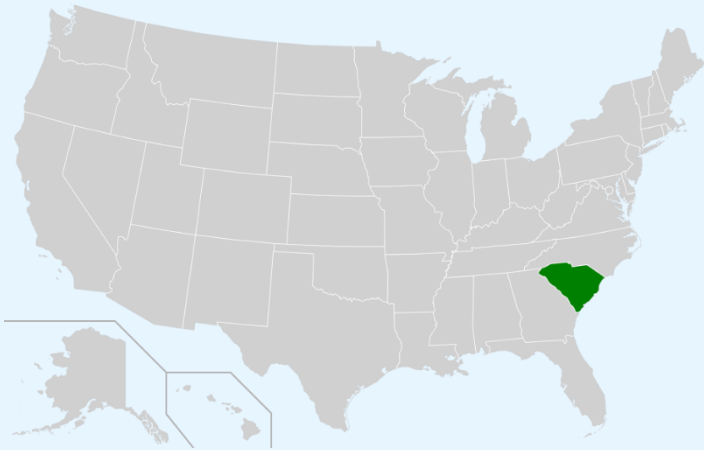


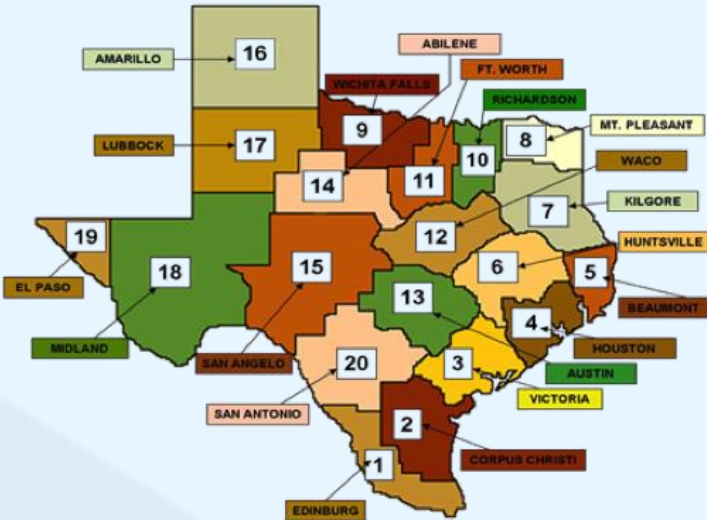
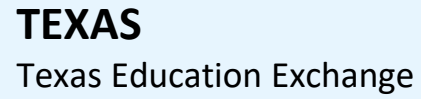




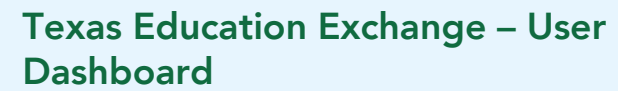
# SOUTH CAROLINA

South Carolina District  
Data Governance





region 4



# CLASSIFYING EFFORTS

Statewide data efforts have different goals



**INDIANA**  
Indiana Graduates Prepared to Succeed Dashboards



**SOUTH CAROLINA**  
South Carolina District Data Governance



**MICHIGAN**  
Michigan DataHub



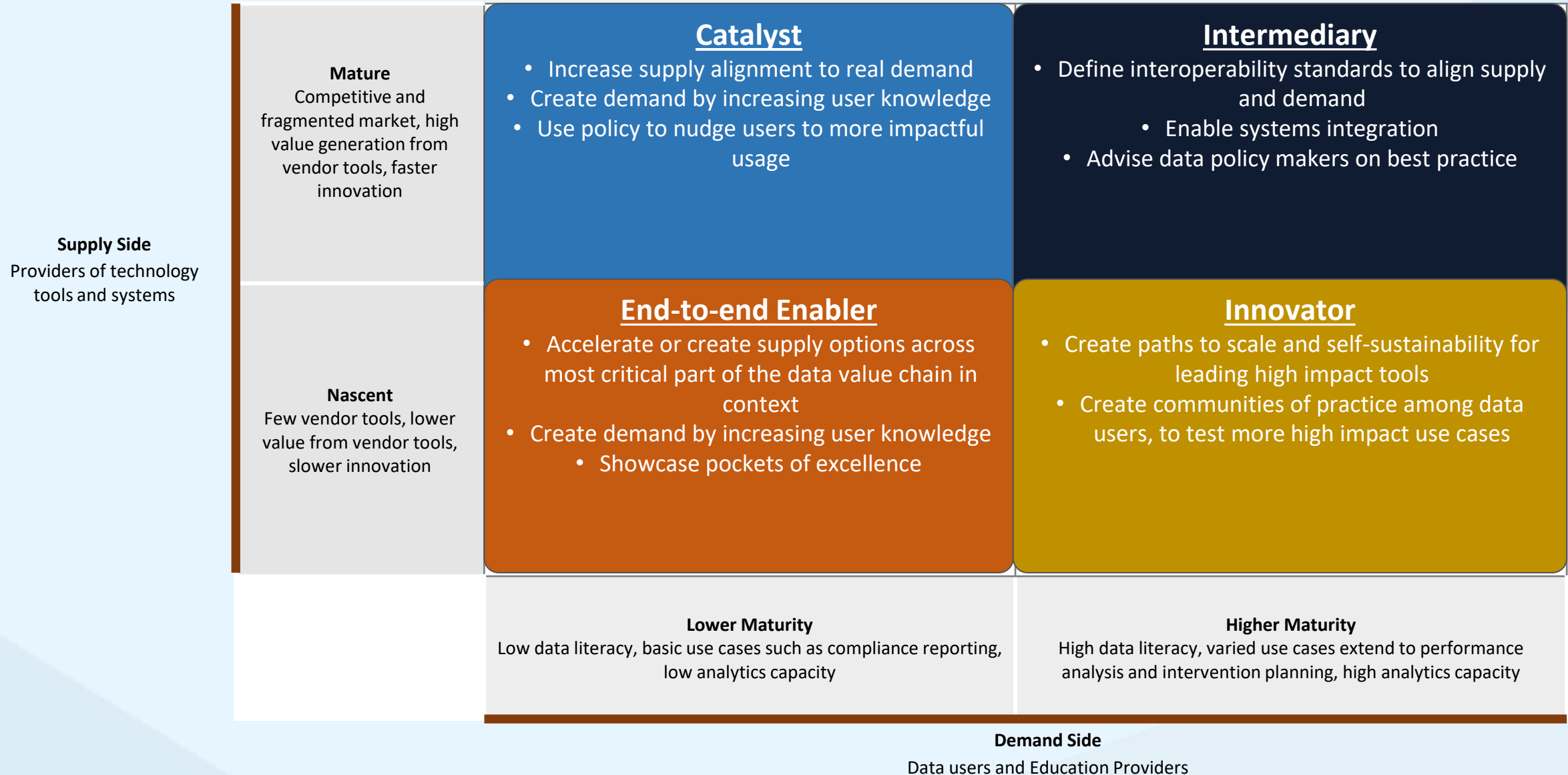
| BENEFITS   | <ul style="list-style-type: none"><li>• Continuous improvement at a systems level</li><li>• Public accountability</li></ul>       | <ul style="list-style-type: none"><li>• Mix of systems and ecosystem benefits</li><li>• Can blend funds from state and local level</li></ul> | <ul style="list-style-type: none"><li>• Continuous improvement via local innovation</li><li>• Decrease data integration costs</li></ul> |
|------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CHALLENGES | <ul style="list-style-type: none"><li>• Generating buy-in from stakeholders</li><li>• Highly dependent on state funding</li></ul> | <ul style="list-style-type: none"><li>• Governance – data must serve both state and local needs</li></ul>                                    | <ul style="list-style-type: none"><li>• Demonstrating ROI</li></ul>                                                                     |

# SOME LESSONS LEARNED IN OUR WORK

- The importance of intermediaries who can bridge the gap between the state and the local level (think: separate but inter-connected *enterprise data architectures*)
- The hard work to create a state-local conversation about data, but also the importance of that conversation (think: *shared governance*)
- Look for ways to align state needs with local value



# Possible places for investment, as influenced by market dynamics



# The Beginning