

Optimizing FLDOE OFile Data Governance



FAMIS Conference 2026



My experiences

Volusia	Performance Matters	Bradford	iReady	NEFEC	School City
Focus SIS	Professional Development tools	Focus SIS	IXL	Skyward SIS	ACT
Focus HR / Finance		Skyward HR / Finance		Skyward HR / Finance	

Yes, I feel like a dinosaur...

Lake
TERMS



The projects that I will discuss today would be applicable for all districts and for their SIS/ERP and other platforms.

What if all of this data could live together in one data EcoSystem where data could exchange between applications and be available for a variety of analytical tools to help our leaders drive quality instruction?

Vendor Agnostic



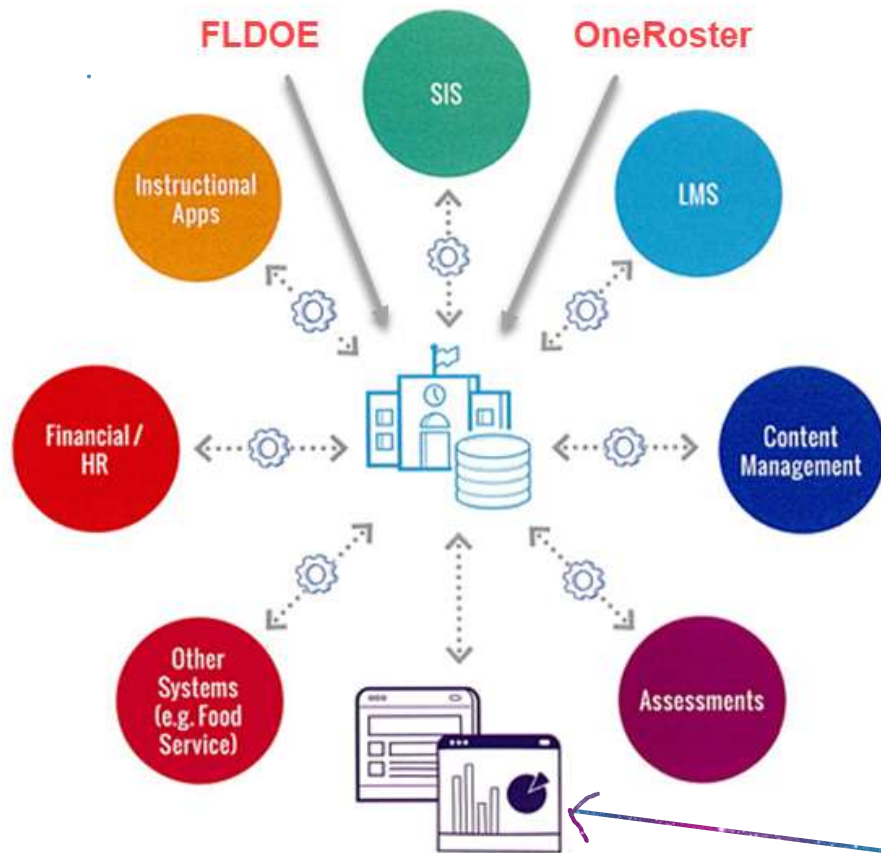
The beauty of the nationally recognized Ed-Fi data standard is to provide a platform for a datalake EcoSystem where any vendor could exchange data.

Shared Resources

The beauty of the FLCODE collaborative is the ability to share resources with one another to collectively build these solutions for our common challenges and needs.



What if we could get more educational value from the same educational data?



In the Ed-Fi Operational Data Store (ODS) the data is constantly refreshed and can be **exchanged** among relevant systems and **available for analyzing**.

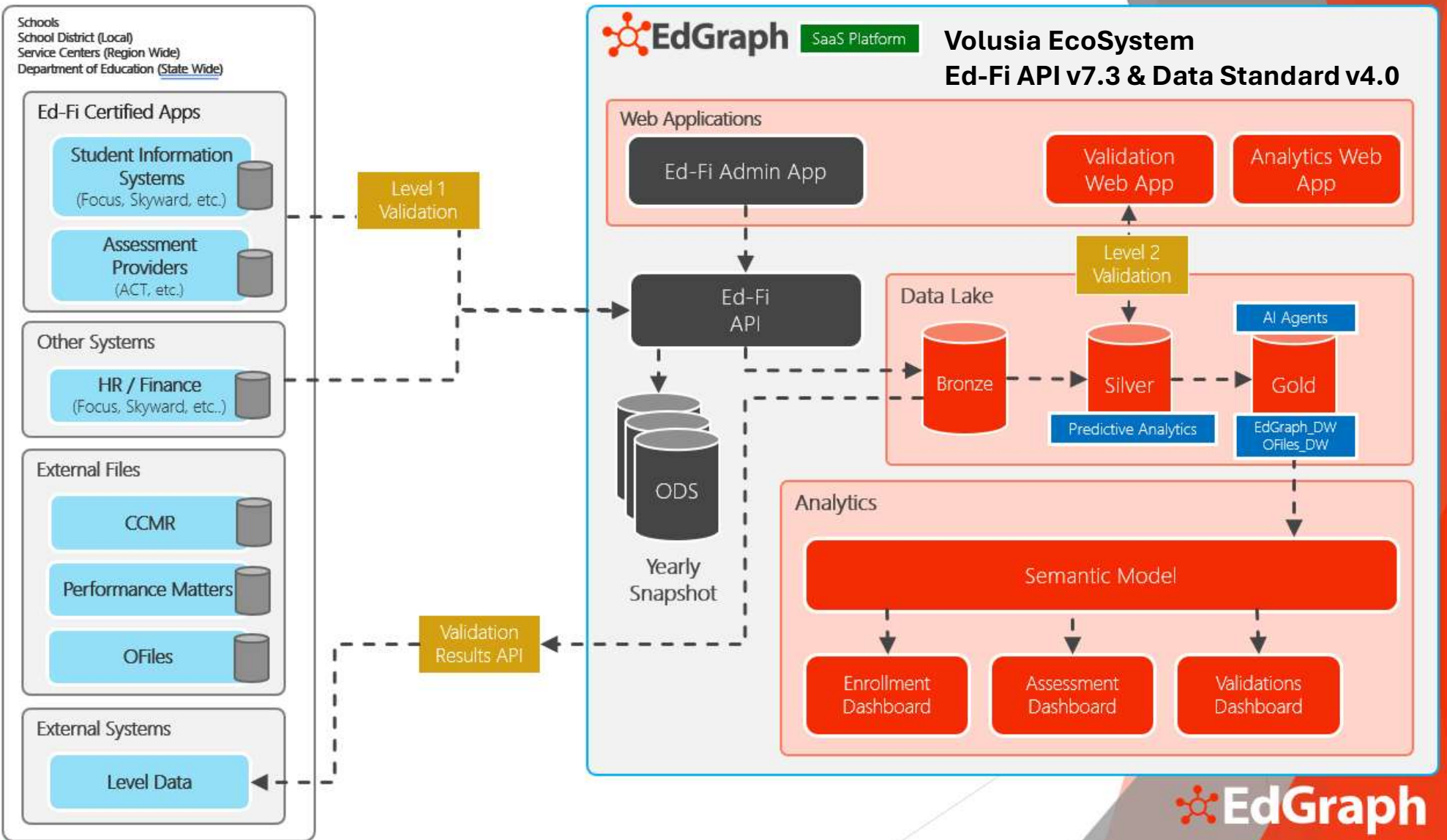
To see the full data story, educators need access to multiple pieces of data and interactive intuitive tools for compiling their own analytical views.

We can help usher schools out from a sea of untethered data into one harmonious system, where student and school information is integrated and represented in one secure place.

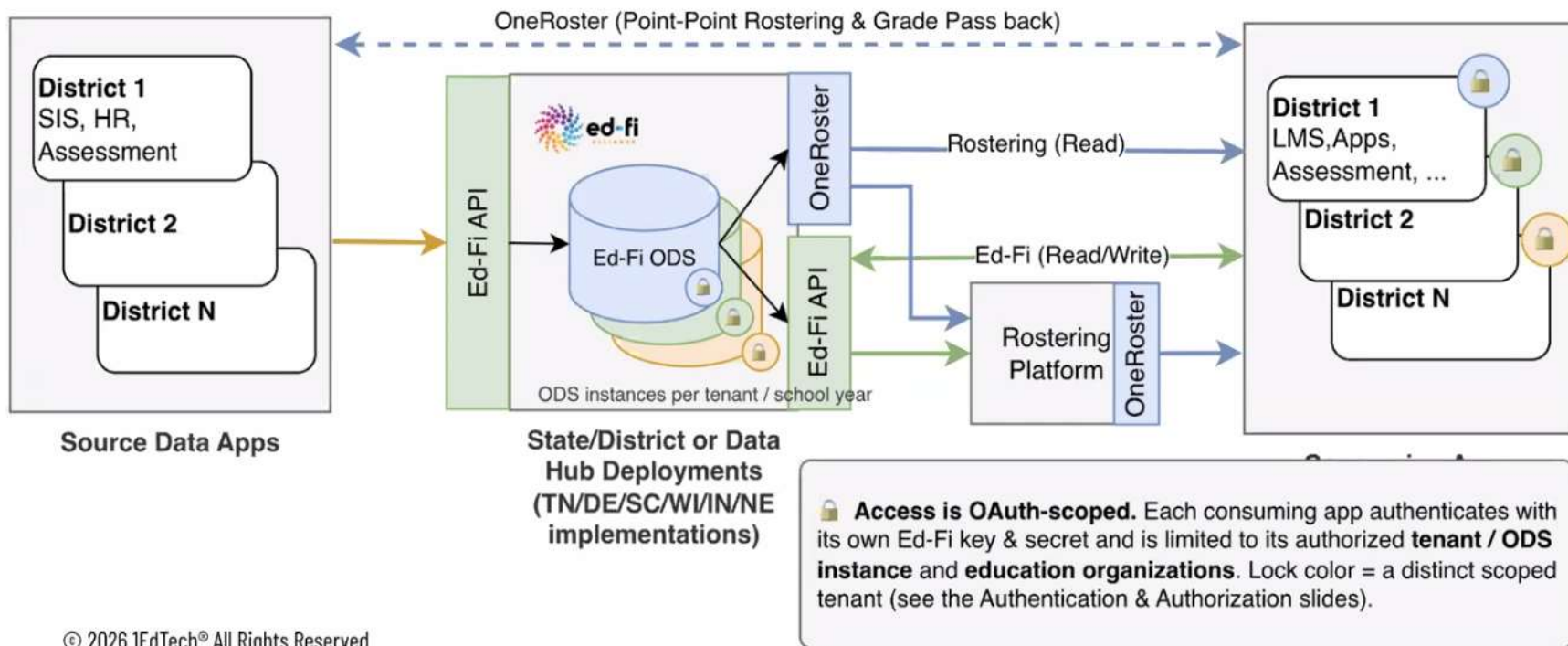
Help the district, school and classroom leader see the full data story so they can make impactful data driven decisions.



Vendor Agnostic
+
Advanced Technology
+
Data Rich Environment
+
Collaborative Shared Resources
=
Progressive Results & Growth



The service leverages roster data already in the Ed-Fi ODS/API



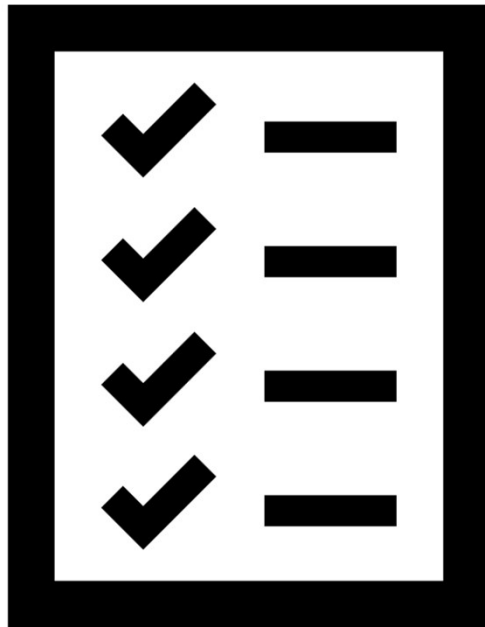
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Per the recent 1EdTech event 'Introducing OneRoster Support in Ed-Fi ODS/API', Sayee Srinivasan is positioned to provide support to states in their Ed-Fi deployments. Once a state has this set up that same integration configuration can be copied to other states (districts). See <https://www.1edtech.org/about/partners/ed-fi> for more information.

Delaware, S Carolina & Tennessee in progress

The FLCODE Report Repository is growing

Current membership represents 22 districts



- Discipline Summary (Leon)
- Ed-Fi Data Summary (EdGraph)
- FLDOE OFile Data Summary (Volusia)
- HR and Student Warning (Sumter)
- Student Assessments (Volusia)
- Student Enrollment/Attendance (EdGraph)
- Student Program Enrollment (EdGraph)
- Student Assessments (Sumter) – *in development*
- Student Enrollment (Osceola) – *in development*
- *Other ideas are continually forming...*

EdGraph Analytics Portal

This Analytics repository with access to scrambled data and district owned data positions our group for continued growth and productivity as we collaborate and build more solutions.





Volusia County School District



Reports



Name: Any

Tag: Any

Refresh

Sync EdGraph Reports

Add Report

Name	Source	Version	Tags	Short Description	Last Updated	
Discipline Summary by Leon County Schools	External	2026-01.002	District Discipline Student	View a summary of discipline incidents by behavior type and actions taken, showing counts of each incident and related disciplinary responses. Gain visibility into discipline activity and potential disproportionality towards specific student and staff populations.	06/10/2026	Edit Report
Ed-Fi Data Summary	EdGraph	2025-01.001	District Sync	Number of records stored in Ed-Fi instance for each Ed-Fi API endpoints.	06/10/2026	Edit Report
FLDOE OFile Data Summary by Volusia County Schools	External	2025-06.001	District FLDOE Student	Displays drillable summary information for each element of the selected FLDOE format and Survey Period allowing comparisons between FLDOE Survey Years, FLDOE Survey Periods and current SIS data.	06/10/2026	Edit Report
HR and Student Warning by Sumter County Schools	External	2024-09.001	District HR Attendance Student	View staff and student attendance data alongside each other, color-coded by 'at-risk' level. Data may be viewed by School Year, Grade Level, Staff Classification, etc.	06/10/2026	Edit Report
Student Assessments by Volusia County Schools	External	2024-10.001	District Assessments Student	Displays various Student Assessments for Math, ELA, Science and Social Studies to include administration date, score and performance level	06/10/2026	Edit Report
Student Enrollment/Attendance	EdGraph	2026-01.003	District Enrollment Attendance Chronic Absenteeism Student	View student enrollment/attendance data holistically, or based on specific populations such as ethnicity, gender, characteristics, programs, and more.	06/10/2026	Edit Report
Student Program Enrollment	EdGraph	2024-04.001	District Programs Student Enrollment	View student program enrollment counts, as well as enrollment percentages across the total population.	06/10/2026	Edit Report

Rows per page: 10

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1



Project: FLDOE OFile Data Summary

Bring FLDOE OFile data into our EcoSystem to reside along our Ed-Fi synced data from Focus.

Create a single dashboard that displays FLDOE Student and Staff OFile formats that allows comparison of two selected Survey Periods; comparing year to year and/or survey to survey - as well as provide comparison to real time SIS/HR data.



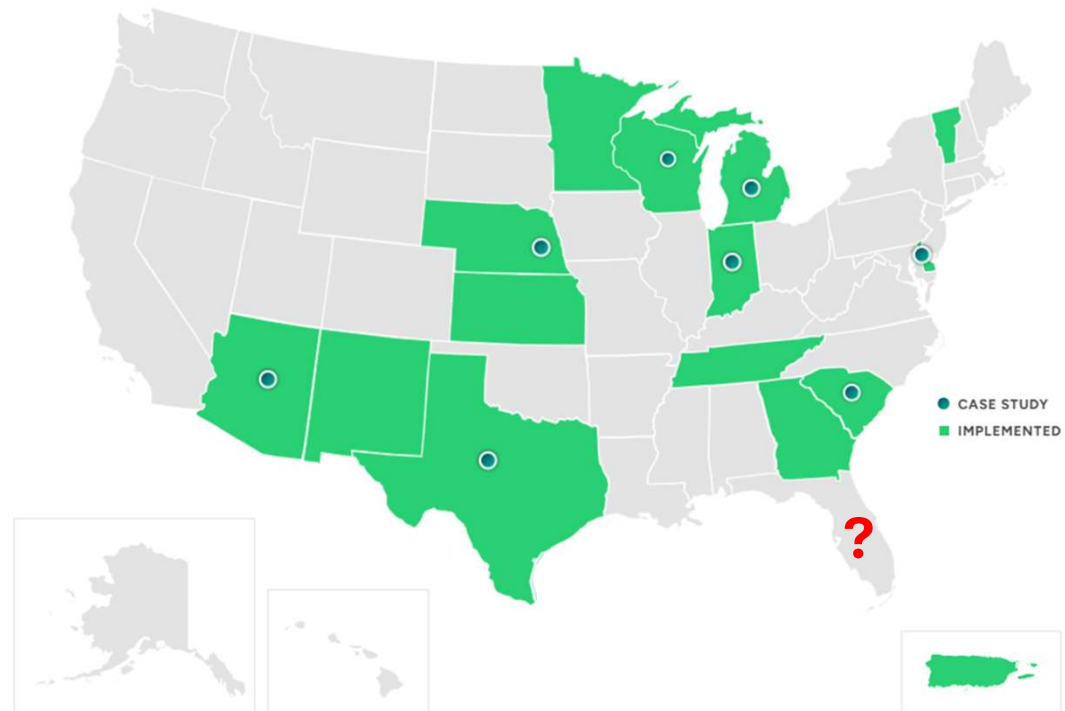
Extending the vision even further, if FLDOE were to adopt the Ed-Fi data exchange model, the OFiles could potentially be exchanged through this common standard. If that were to occur, the FLDOE could potentially create dashboards that would be available for data analysis and sharing with the districts and other entities. This may seem bold and aggressive but we know that it is possible.

- ✓ South Carolina Department of Education (SCDE)
- ✓ Texas Education Agency (TEA)
- ✓ Michigan Data Hub
- ✓ Wisconsin Department of Public Instructions (DPI)
- ✓ Delaware DOE (DDOE)
- ✓ Arizona state system AzEDS (Arizona Education Data Standards)
- ✓ Nebraska state system ADVISER (Advanced Data Views Improving Student Educational Response)
- ✓ Minnesota Department of Education (MDE)
- ✓ Tennessee
- ✓ Georgia
- ✓ New Mexico Public Education Department (NM PED)
- ✓ N Carolina Department of Public Instruction (NCDPI) – *pilot phase*

States that have adopted this standard at the DOE level & are putting it into practical use.

Ed-Fi Data Standard Across the Nation

A real-time look at where states and territories are implementing the Ed-Fi Data Standard, sharing learnings, and connecting systems to drive student success.



Florida? I know there is an interest in creating analytical tools.
I do not know if a plan has been formulated.

Florida Dashboard

- 7 overall categories
- Across 26 Incident Categories
- 5-year historical line graph

***Provided by Max Schachter
during a presentation at Volusia.
Can we help him with his goal to
provide for safe schools in
Florida?***

Overview	Characteristics	Population	Incidents	Discipline	Community Context	Youth Risks
• District Contact Info • School Types • Interactive Map of schools in the district	• Graduation & Attendance • Supports (Ratios) • Funding (Per Pupil) • Bus Statistics	• Economically Disadvantaged Students • English Language Learners • Racial Composition • Students without Housing • Students with Disabilities	• Incident Severity Level (1-4) • Reports to Law Enforcement • Incident Rates by Type • Related-Incidents	• Out of School Suspension • In-School Suspension • Expulsion (with and without continuing education services)	• Education Level (bachelor's degree+) • Unemployment • Children in Poverty • Uninsured Children • Racial Residential Segregation Rate • Population-to-Police Ratio	• Teen Birth Rate • Teen STD Rates • Juvenile "Baker Act" Rate • Youth Suicide Rate • Youth Homicide Rate • In-School Youth Civil Citations • In-School Youth Arrest Rate



While the things I have shared with you is a vision of possibilities for the future, in the meantime we will focus on the localized effort to provide an analytical tool to help **improve data quality** for state reporting requirements and to **provide valuable analytics for district leadership decision making.**



Once you have worked through your FLDOE reject and validation reports and are satisfied with the results, how do you confirm **subject matter record count** accuracy and completeness?

Can you (or your Business Process Owners) easily and quickly confirm that the **correct number of records were transmitted for each valid code** for each element or field?

Would you like a tool that your Business Process Owners can **use throughout the year** that enables them to review summary information to ensure data is accurate **well before Surveys are due**?

Would you like the ability to compare and **identify trends** presented in Survey format data **between Years or Surveys** thru one screen?



FLDOE OFiles



Survey Format

Student demographic

Data Element

All

Survey From

2023-2024 Survey 5

Survey To

2024-2025 Survey 5

School Type

All

School

All

Grade Level

All

Exclude Zero (from SIS)

NO

Variation #1

All

Variation #2

All

Data Element	Data Element Value	SIS (Current data as of today)	Survey From	Survey To	Variation #1 (SIS minus Survey To)	Variation #2 (Survey From minus Survey To)
English Language Learners	LY	4,698	2,690	2,996	1,702 (36.23%)	-306 (-11.38%)
	LA		1,481	1,656	-1,656 (100.00%)	-175 (-11.82%)
	LF		1,418	1,690	-1,690 (100.00%)	-272 (-19.18%)
	LP		266	364	-364 (100.00%)	-98 (-36.84%)
	LZ		1,454	1,988	-1,988 (100.00%)	-534 (-36.73%)

Light





FLDOE OFiles

Survey Format

English Language Lear... ▾

Data Element

All ▾

Survey From

2023-2024 Survey 5 ▾

Survey To

2024-2025 Survey 5 ▾

School Type

All ▾

School

All ▾

Grade Level

All ▾

Exclude Zero (from SIS)

NO ▾

Variation #1

All ▾

Variation #2

All ▾

☐ Collapse

Data Element	Data Element Value	SIS (Current data as of today)	Survey From	Survey To	Variation #1 (SIS minus Survey To)	Variation #2 (Survey From minus Survey To)
English Language Learners: Basis of Entry	A		3,721	4,168	-4,168 (100.00%)	-447 (-12.01%)
	L		256	255	-255 (100.00%)	1 (0.39%)
	R		104	113	-113 (100.00%)	-9 (-8.65%)
	Total		4,081	4,536	-4,536 (100.00%)	-455 (-11.15%)
English Language Learners: Basis of Exit			4,081	4,536	-4,536 (100.00%)	-455 (-11.15%)

☐ Light

School and Grade Level List



School	Grade Level	SIS (Current data as of today)	Survey From	Survey To	Variation #1 (SIS minus Survey To)	Variation #2 (Survey From minus Survey To)
E - CHAMPION ELEMENTARY SCHOOL - 2734	01			7	-7 (100.00%)	-7 (100.00%)
E - CHAMPION ELEMENTARY SCHOOL - 2734	02			9	-9 (100.00%)	-9 (100.00%)
E - CHAMPION ELEMENTARY SCHOOL - 2734	03			7	-7 (100.00%)	-7 (100.00%)
E - CHAMPION ELEMENTARY SCHOOL - 2734	04			12	-12 (100.00%)	-12 (100.00%)
E - CHAMPION ELEMENTARY SCHOOL - 2734	05					-8 (100.00%)
E - CHAMPION ELEMENTARY SCHOOL - 2734	K					-11 (100.00%)
E - CHISHOLM ELEMENTARY SCHOOL - 0949	02			1	-1 (100.00%)	-1 (100.00%)
E - CHISHOLM ELEMENTARY SCHOOL - 0949	04			2	-2 (100.00%)	-2 (100.00%)
E - CHISHOLM ELEMENTARY SCHOOL - 0949	05			2	-2 (100.00%)	-2 (100.00%)
E - CHISHOLM ELEMENTARY SCHOOL - 0949	K			2	-2 (100.00%)	-2 (100.00%)

- Copy >
- Show as a table
- Include
- Exclude
- 🕒 Drill through >

Student List

Student List - Dark



FLDOE OFiles



Survey Format

Student demographic

Data Element

All

Survey From

2024-2025 Survey 2

Survey To

2024-2025 Survey 3

School Type

All

School

All

Grade Level

All

Exclude Zero (from SIS)

NO

Variation #1

All

Variation #2

All

☐ Collapse

Data Element	Data Element Value	SIS (Current data as of today)	Survey From	Survey To	Variation #1 (SIS minus Survey To)	Variation #2 (Survey From minus Survey To)
Resident Status	3	73,302	63,239	65,147	8,155 (11.13%)	-1,908 (-3.02%)
	B	213	201	204	9 (4.23%)	-3 (-1.49%)
	0	9	5	5	4 (44.44%)	0 (0.00%)
	A	6	5	5	1 (16.67%)	0 (0.00%)
	Z	6			6 (100.00%)	

☐ Light



Student Discipline Resu... ▾

All ▾

2024-2025 Survey 2 ▾

2024-2025 Survey 3 ▾

All ▾

School ▾

Grade Level ▾

Exclude Zero (from SIS) ▾

Variation #1 ▾

Variation #2 ▾

All ▾

All ▾

NO ▾

All ▾

All ▾

Collapse

Data Element	Data Element Value	SIS (Current data as of today) ▾	Survey From	Survey To	Variation #1 (SIS minus Survey To)	Variation #2 (Survey From minus Survey To)
Student Use Drugs	N		2,406	5,814	-5,814 (100.00%)	-3,408 (-141.65%)
	Y		29	90	-90 (100.00%)	-61 (-210.34%)
	Total		2,435	5,904	-5,904 (100.00%)	-3,469 (-142.46%)

FLDOE OFiles



Survey Format

Student demographic

Data Element

All

Survey From

2024-2025 Survey 4

Survey To

2023-2024 Survey 4

School Type

All

School

All

Grade Level

All

Exclude Zero (from SIS)

NO

Variation #1

All

Variation #2

All

Collapse

Data Element	Data Element Value	SIS (Current data as of today)	Survey From	Survey To	Variation #1 (SIS minus Survey To)	Variation #2 (Survey From minus Survey To)
⊕ Neglected or Delinquent Institution Number			3,017	2,422	-2,422 (100.00%)	595 (19.72%)
⊕ Neglected or Delinquent Institution Number 2			3,017	2,422	-2,422 (100.00%)	595 (19.72%)
⊕ Neglected or Delinquent Institution Number 3			3,017	2,422	-2,422 (100.00%)	595 (19.72%)
⊕ Zoned School Number			3,017	2,422	-2,422 (100.00%)	595 (19.72%)
Total		73,541	3,017	2,422	71,119 (96.71%)	595 (19.72%)

Empower BPOs & Leadership to make data driven decisions

- Aggregation and analysis is done for you
- Data is available to preview daily
- Easily accessible at any time
- Provides ability to quickly see suspicious data & drill down to troubleshoot at the detail level
- Useful for trend analysis and decision making
- It is also more fun (and efficient) to use interactive color coded screens than it is to use reports and excel spreadsheets
- Links and other aids could be added to provide quick access to the FLDOE OFile format definition
- More people could be involved in the validation process equipping people to be able to validate smaller chunks of data. For example, the District Discipline Office may find it overwhelming to validate an entire district with 90+ schools other than seeing glaring issues or trends/comparisons; but could easily recruit School Admins or Deans to look at their own schools and report back.



Business Process Owner interest is growing

Feedback from our BPOs..

- ❖ It is valuable to have the Survey snapshot comparison between surveys and years
- ❖ It saves time in lieu of comparing reports and spreadsheets to try to do the same work
- ❖ It will eliminate human error that takes place when comparing large amounts of data to achieve the same goal
- ❖ It will save time enabling more productivity in other areas
- ❖ It will help us ensure compliancy
- ❖ It will help drive decision making
- ❖ It will help to ensure that ELL codes are transmitted correctly to support the higher weighted FTE
- ❖ I am eager to see more data transferred into the datalake so we can review the data to identify data errors or data trends. The drill down part is very powerful. If we can drill down to the student id to see what exact student we are looking at while trying to find errors it can be a big improvement to current processes





Accurate and complete
data contains a story.

Visualizations reveal the
story.



Moving forward...

Our FLCODE collaborative is working together to create vision and promote advancements in the area of Operational Data Store and Data Exchange technology.

Member districts are combining forces and working together to share vision, expertise and resources to accomplish goals more efficiently and quickly than by acting alone.

The Analytics portal gives FLCODE members access to all FLCODE dashboards where they can be viewed using their own district data or with scrambled data.

Dashboard templates can be downloaded and adjusted by the district if changes are desired; and then shared back with the collaborative if desired.

The Possibilities...

- ☐ Could several Florida districts partner to create an Ofile dashboard and make it available to all other Florida districts?
- ☐ Could FLCODE districts have other impactful projects that would be beneficial to each of us?
- ☐ What if FLDOE adopted the Ed-Fi standard? Where could that lead?
- ☐ Could the dashboards we create sit on top of the FLDOE Ed-Fi lake?
- ☐ Could FLDOE share dashboards they create with us?
- ☐ Could we exchange data from our lake to the FLDOE lake?

FLDOE OFile Formats

Career and Technical Education Student Course Schedule

Career and Technical Education Teacher Course

Dropout Prevention Program Data

English Language Learners Information

Exceptional Student

Federal/State Compensatory Project Evaluation

Federal/State Indicator Status

Industry Certification

Prior School Status/Student Attendance

School Environmental Safety Incident Report

Student Additional Funding

Student Assessment

Student Course Schedule

Student Course Transcript Information

Student Demographic Information

Student Discipline/Resultant Action

Student End of Year Status

Student Transportation

Teacher Course

Staff Additional Compensation

Staff Additional Job Assignments

Staff Benefits

Staff Demographic Information

Staff Email Address

Staff Experience

Staff Fiscal Year Benefits

Staff Fiscal Year Salaries

Staff Multidistrict Employee

Staff Payroll Information

Staff Professional Development

****Has been added to the FLDOE OFile Summary Dashboard***



Embrace a Vision

By utilizing the Ed-Fi open source national Education Data Standard we can achieve a datalake ecosystem whereby data exchange between vendors and entities can occur and powerful cross platform analytics can exist



Partner with Others

By partnering with a collaborative of like-minded leaders we can share expertise, tools and resources to accomplish something we could not do on our own



Reach Goals

By capitalizing on these advantages we can provide intuitive tools that bring critical data together in one place revealing facts and trends that ultimately support data driven decisions for our leadership teams, teachers, students and parents





We invite your district to collaborate with us
and see where the vision could lead next.

Visit any of us to ask questions or give feedback

Current Membership

- Ed-Fi Alliance representation and support
- Michael and Susan Dell Foundation support
- Partner Vendor support with EdGraph & KeenLogic
- FLCODE member district collaboration
 - Alachua
 - Leon
 - Madison
 - NEFEC districts (15 including Flagler)
 - Osceola
 - Seminole
 - Sumter
 - Volusia

Thank you for joining us today.

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