

Introduction to CEPI

Center for Educational Performance and Information

MPAAA Fall Conference

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Objectives

- History of CEPI
- Data Collection Process Overview
- Student Data Collections
 - MSDS
 - GAD
 - STARR
- Business Office Data Collections
 - EEM
 - REP
 - SID
 - FID
- Data Quality Process Overview
- Data Use
 - MI School Data
 - Parent Dashboard

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History and Background of CEPI

- CEPI was established by the Michigan Legislature (Sect. 94a of the State School Aid Act) to coordinate the collection, management and reporting of education data, from early childhood through K-12 and postsecondary education, and into the workforce.
- CEPI facilitates efficient data gathering to reduce the administrative burden on reporting entities while ensuring student privacy.
- CEPI's mission:
 - Coordinate collections, connections and reporting of education data in Michigan
 - CEPI facilitates efficient data gathering to reduce the administrative burden on reporting entities while ensuring student privacy

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CEPI's Vision and Guiding Principles

- Vision:
 - Become the single source for the most comprehensive, accurate and useful information about the performance of MI's public schools and students
- Guiding Principles:
 - Objective Data
 - Protect Privacy
 - Seek Accuracy
 - Maximize Efficiency



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The Work of CEPI

What CEPI Does:

Collect and report data to comply with federal and state legislation

What CEPI Does NOT Do:

Collect data not necessary for accurate reporting or compliance mandates

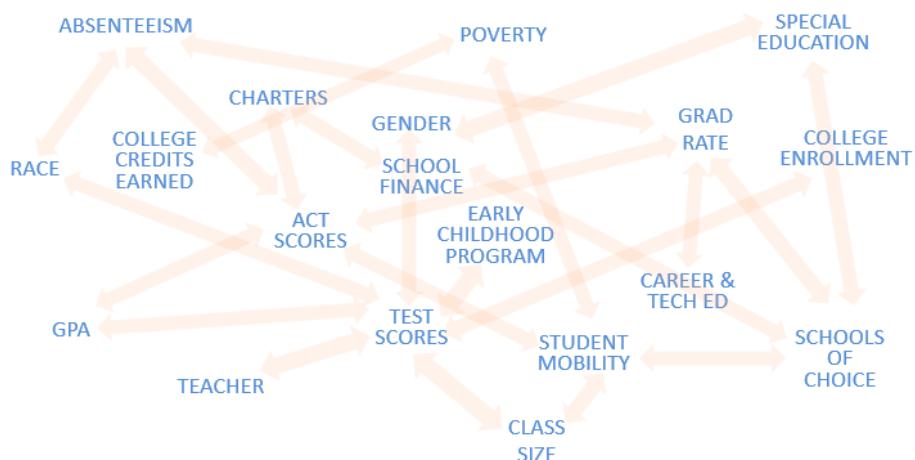
CEPI Also...

- Implements and operates MI's educational longitudinal data system (SLDS)
- Analyzes data
- Coordinates data collection
- Review & monitor data use to protect privacy & comply with FERPA
- Liaison between the U.S. DOE and MDE for ED Facts & EDEN reporting

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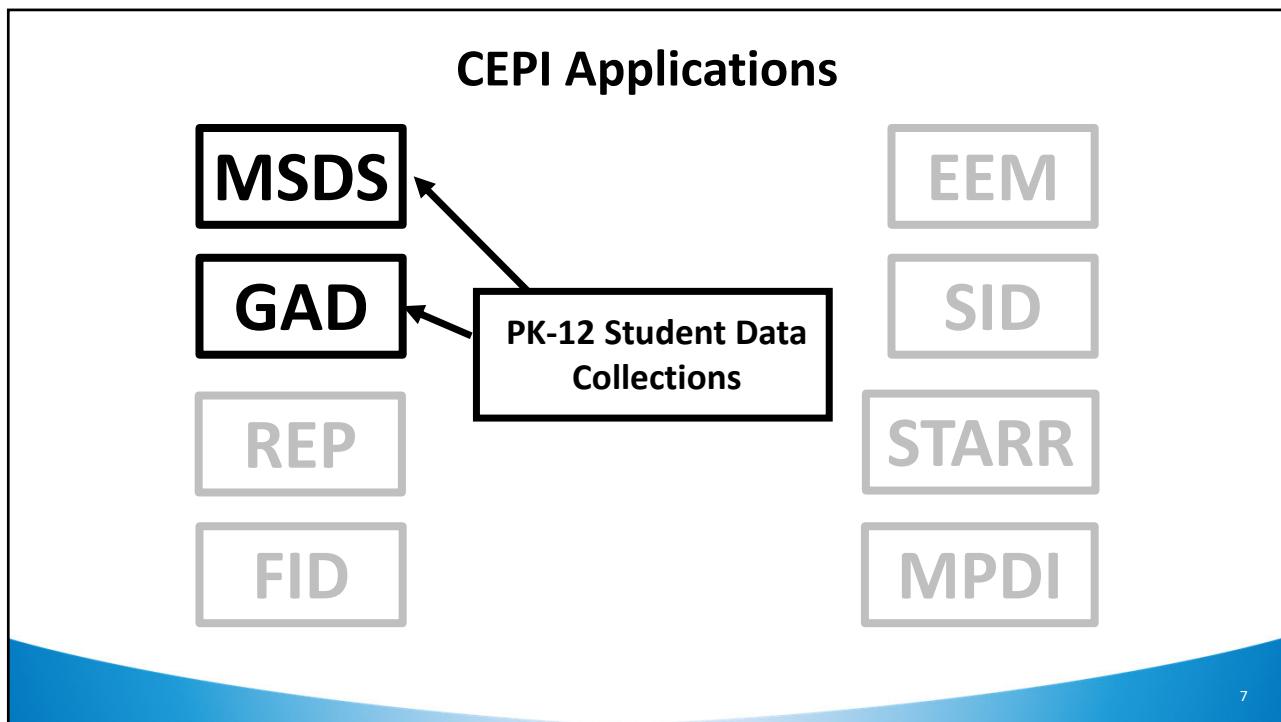
Data Connections



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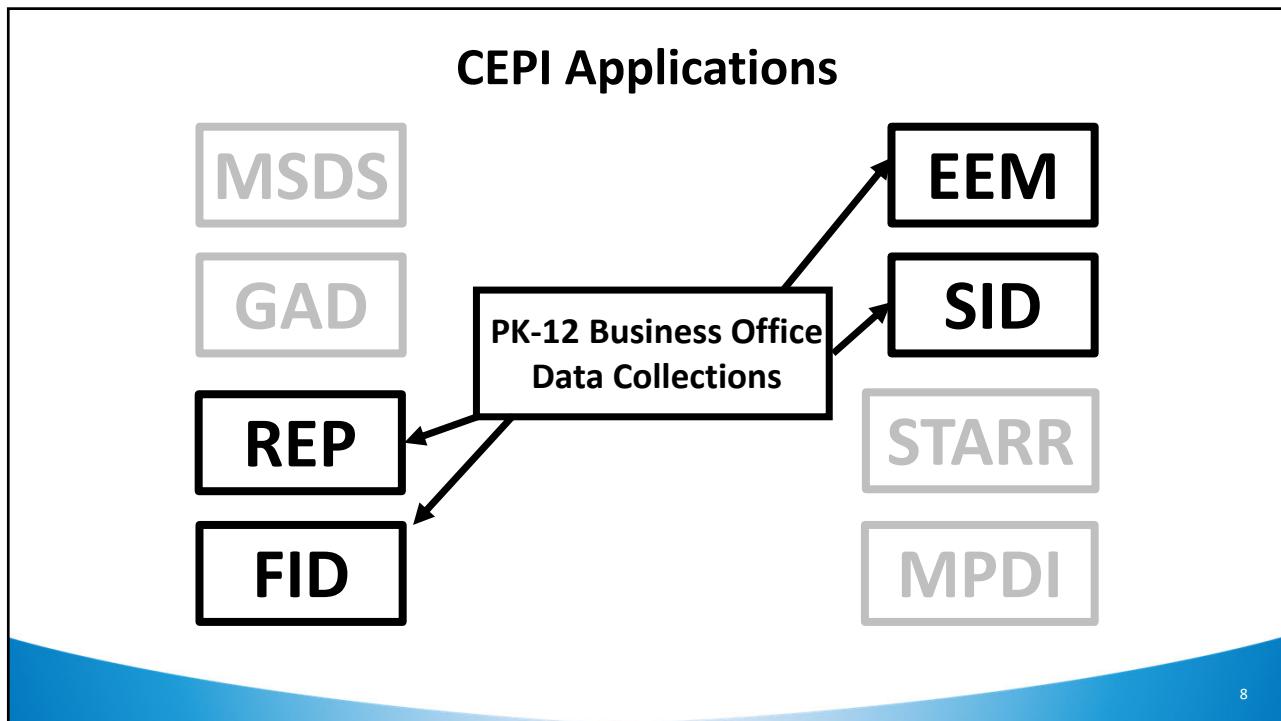
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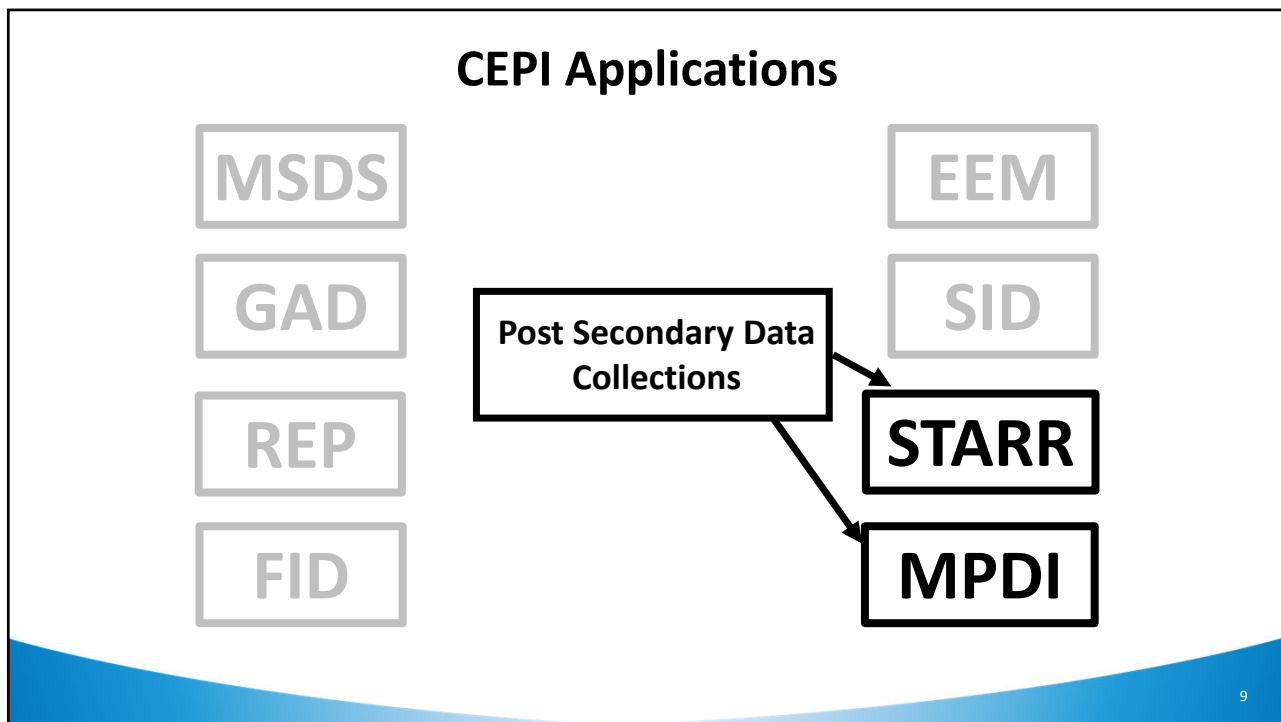
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Getting Started with CEPI

1. Application Security Forms and Account Maintenance

2. CEPI Calendar

3. CEPI Applications Resources

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1. Application Security Forms and Access

- A single security form is used to request access to all CEPI systems
- All security access is authorized by the Lead Administrator as listed in EEM
 - In most cases, should be your Superintendent
- If you already have a MILogin account, do not create a new account for new access
 - By subscribing within MILogin and submitting the applicable security form, the account can be modified to add additional access
- Determine access type by evaluating the data submission that will be performed

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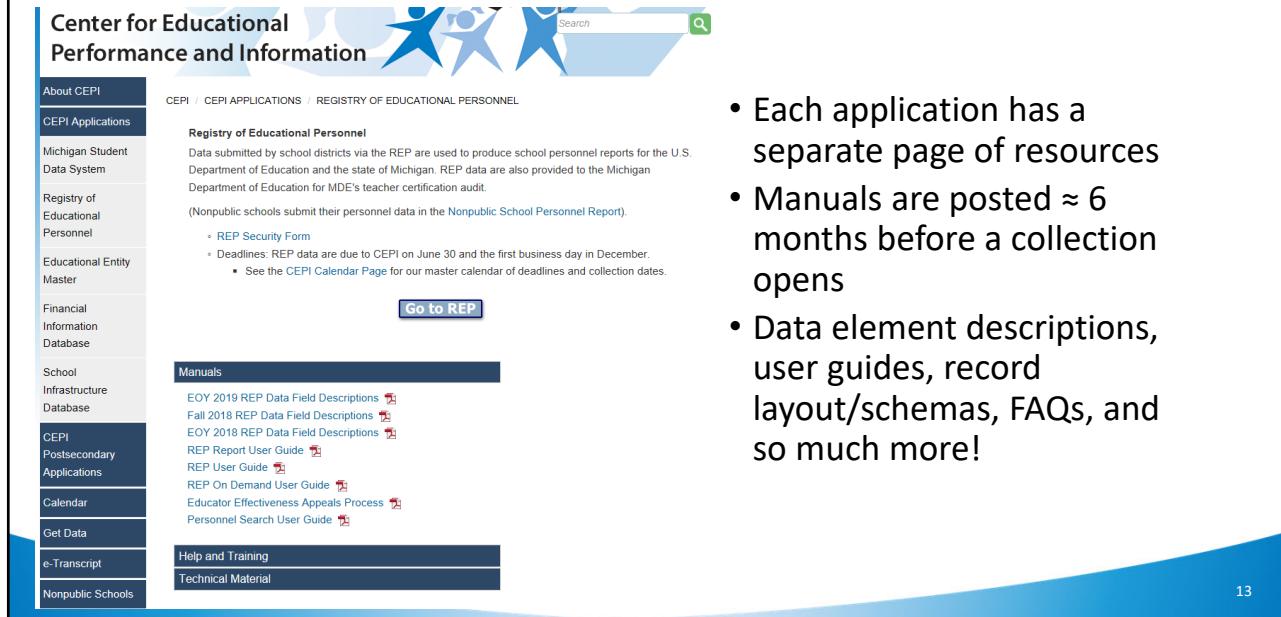
2. CEPI Calendar

CEPI Dates and Deadlines			
DATE	APP/EVENT	DESCRIPTION	ENTITY TYPE
5/15/2020	SID	SID Collection Opens	PUBLIC (LEA/PSA/ISD)
6/15/2020	MSDS	Early Roster Collection Opens	NONPUBLIC
6/2/2020	MPDI	MCCD 2019-20 Collection Opens (Community Colleges)	POST SECONDARY
9/1/2020	REP	REP Fall Collection Opens	PUBLIC (LEA/PSA/ISD)
9/17/2020	FID	FID 2019-20 Collection Opens	PUBLIC (LEA/PSA/ISD)
9/28/2020	MSDS	TSDL Migrant Collection Opens	PUBLIC (LEA/PSA/ISD)
9/28/2020	SRM	SRM Collection Opens	PUBLIC (LEA/PSA/ISD)
9/28/2020	MSDS	MSDS Fall General Collection Opens	PUBLIC (LEA/PSA/ISD)
9/28/2020	MSDS	Early Childhood Fall Collection Opens	PUBLIC AND ONSR
10/5/2020	MSDS	GAD Audit Window Opens	PUBLIC (LEA/PSA/ISD)
10/7/2020	Count Day	Fall Count Day	PUBLIC (LEA/PSA/ISD)
11/1/2020	MSDS	2019-2020 Audit Narrative Deadline	PUBLIC (LEA/PSA/ISD)
11/13/2020	MSDS	MSDS Fall General Submission Certification Deadline	PUBLIC (LEA/PSA/ISD)
11/18/2020	MSDS	Early Childhood Fall Collection Certification Deadline	PUBLIC AND ONSR
11/20/2020	MSDS	MSDS Fall General Collection Recertification Deadline	PUBLIC (LEA/PSA/ISD)
12/1/2020	FID	FID 2019-20 Collection Closes	PUBLIC (LEA/PSA/ISD)
12/1/2020	MPDI	MCCD 2019-20 Collection Closes (Community Colleges)	POST SECONDARY
12/1/2020	REP	REP Fall Collection Closes	PUBLIC (LEA/PSA/ISD)

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3. CEPI Application Resources



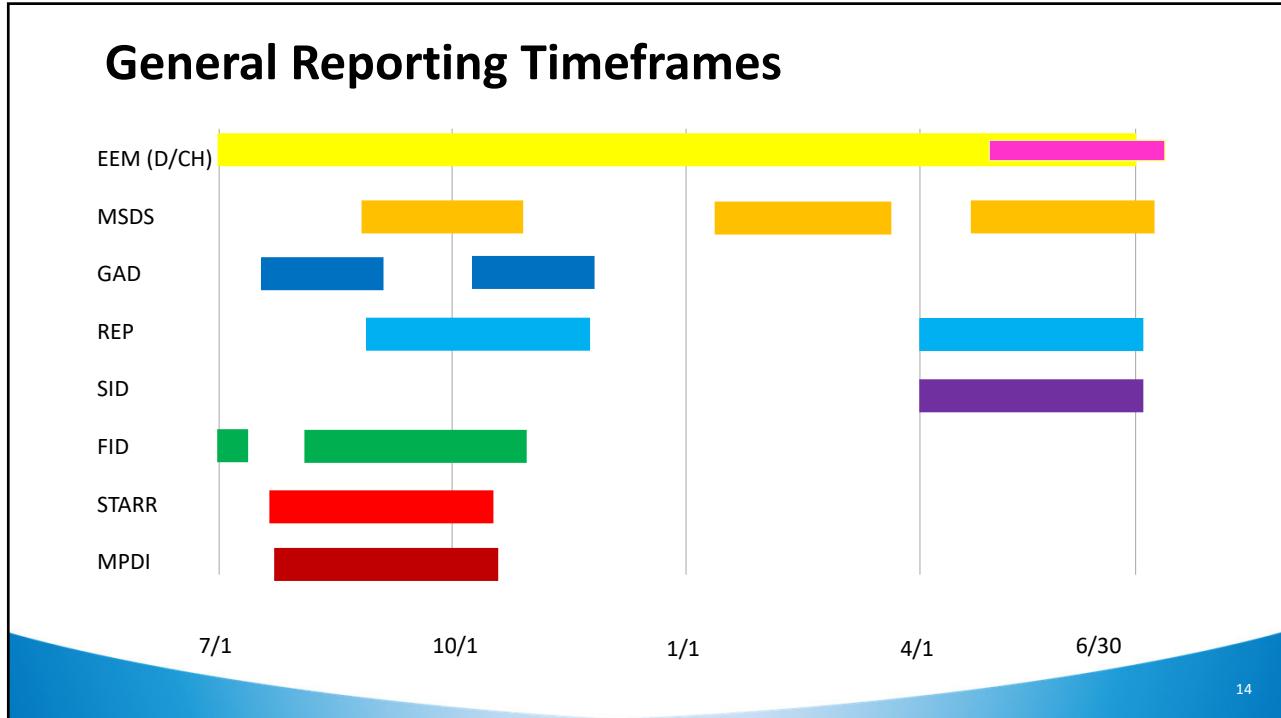
The screenshot shows the CEPI website with a sidebar containing links for various applications: About CEPI, CEPI Applications, Michigan Student Data System, Registry of Educational Personnel, Educational Entity Master, Financial Information Database, School Infrastructure Database, CEPI Postsecondary Applications, Calendar, Get Data, e-Transcript, and Nonpublic Schools. The main content area is titled "Registry of Educational Personnel" and includes a search bar, a "Go to REP" button, and links to manuals and help/training.

- Each application has a separate page of resources
- Manuals are posted ≈ 6 months before a collection opens
- Data element descriptions, user guides, record layout/schemas, FAQs, and so much more!

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General Reporting Timeframes



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Questions?



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Student Data Collections

Michigan Student Data System (MSDS)

Graduation and Dropout (GAD)

Student Transcript and Academic Record Repository (STARR)

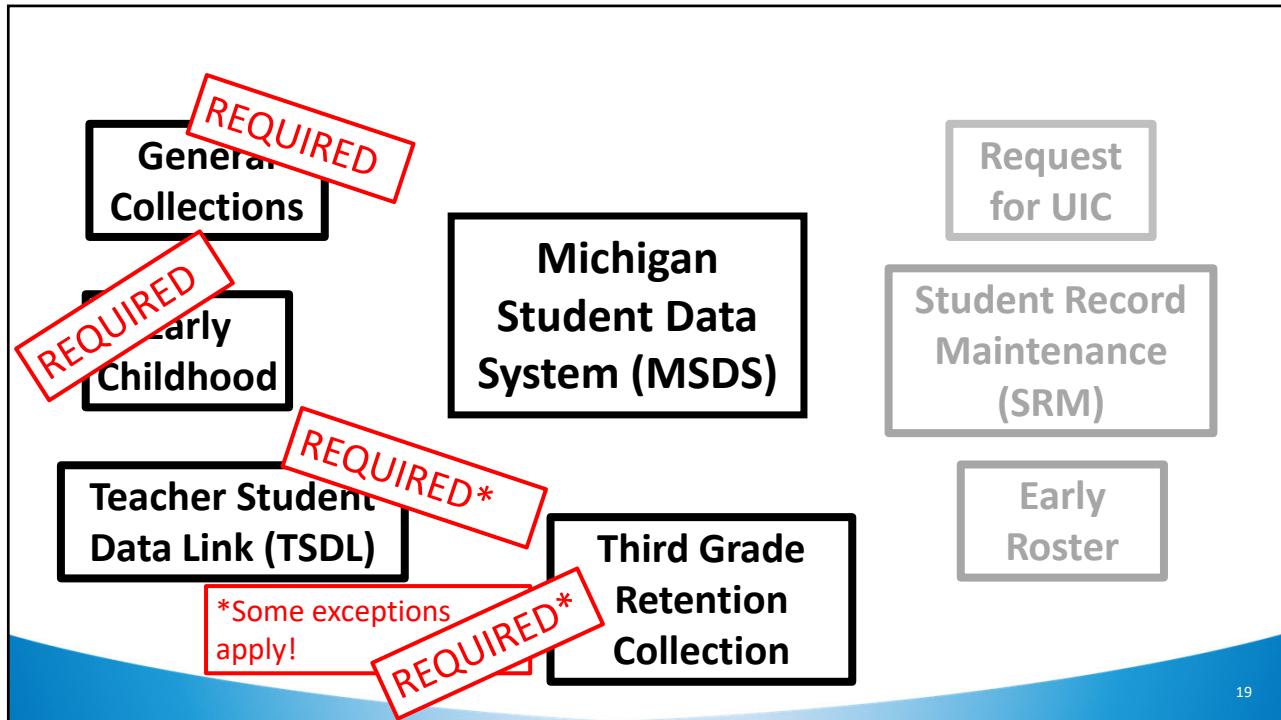
What is Student Data?

Data pertaining to an individual and his/her status or relationship with the reporting entity.

- Name
- Date of Birth
- Race/Ethnicity
- Gender
- Eligibility and Participation
- Enrollment Information
- Membership Status

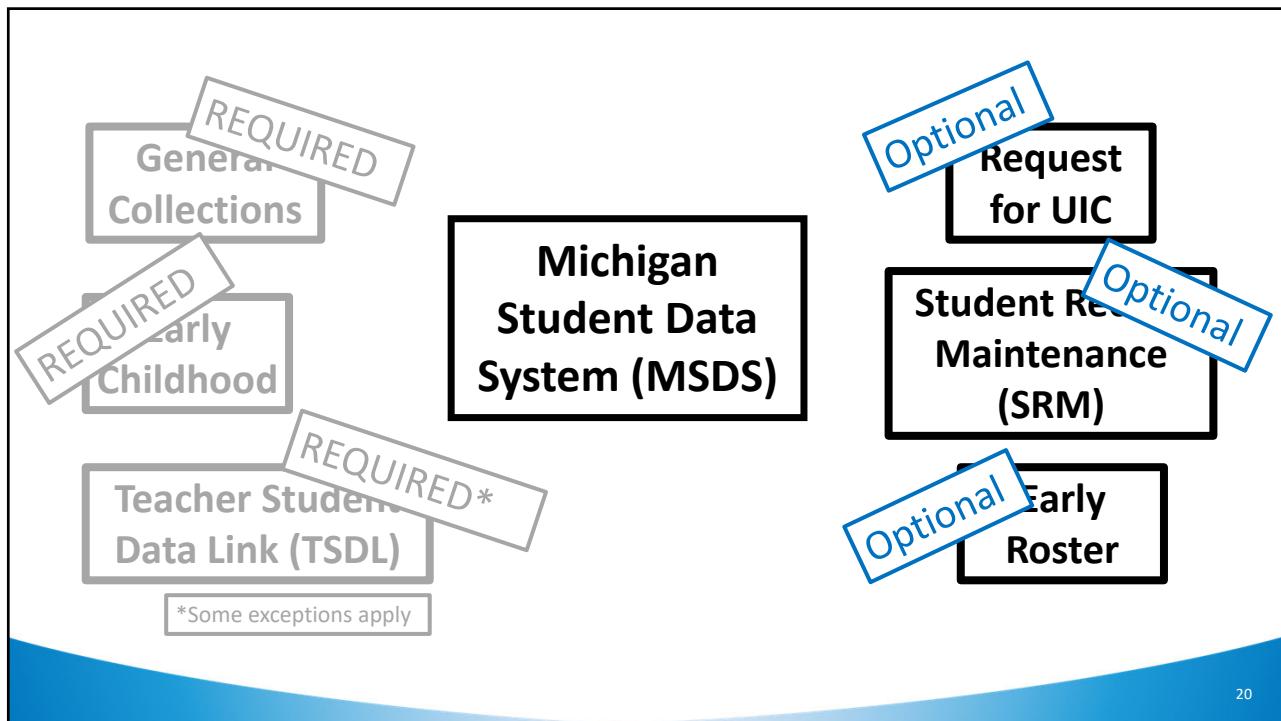
What is the Purpose of the MSDS?

- Primary means for obtaining student Unique Identification Codes (UIC)
- Source system for reporting pupil headcount and full-time equivalency (FTE) data
- Source system for student demographic and subgroup data
- Provides the Direct Certification Report
- Student search functionality
- Provides district and building level feedback through multiple reports
- Vehicle for FTE audit process



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Unique Identification Codes (UICs)

- A unique 10-digit number assigned to each student
 - May have leading zeros
 - Example: 0364251976
- Can search 1 student at a time or in bulk
 - MSDS Student Search OR MSDS Early Roster



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How Does MSDS Know if it is MY Student?

Compares submitted data to UIC system data

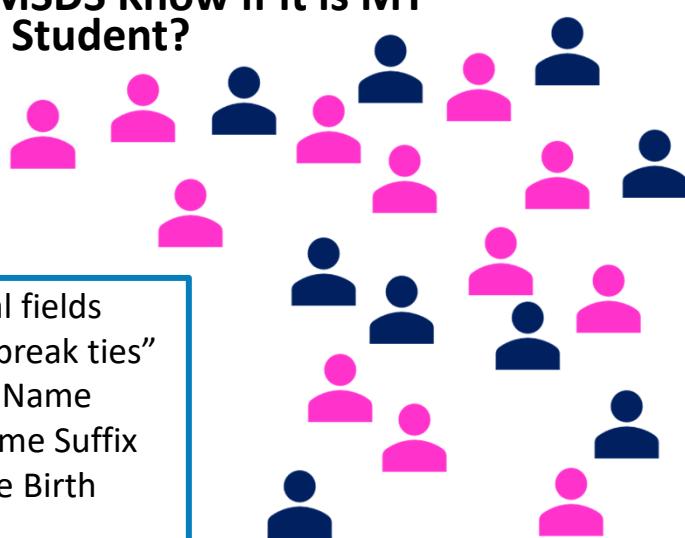
Matching Criteria:

- First Name
- Last Name
- Date of Birth
- Gender

Each record receives a “score” of percent matched (0%-100%)

Additional fields used to “break ties”

- Middle Name
- Last Name Suffix
- Multiple Birth Order



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UIC Matching Results

Match Found

- One positive match
- Submitted record matches existing record in the UIC system

Resolution Required

- More than one positive match
- 1 or more potential matches
- UIC submitted, no match on core fields
- Exact match on name/DOB but opposite gender

New UIC Generated

- No positive matches
- No UIC was submitted (Request for UIC or Early Roster)

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Additional Steps for Unmatched Records

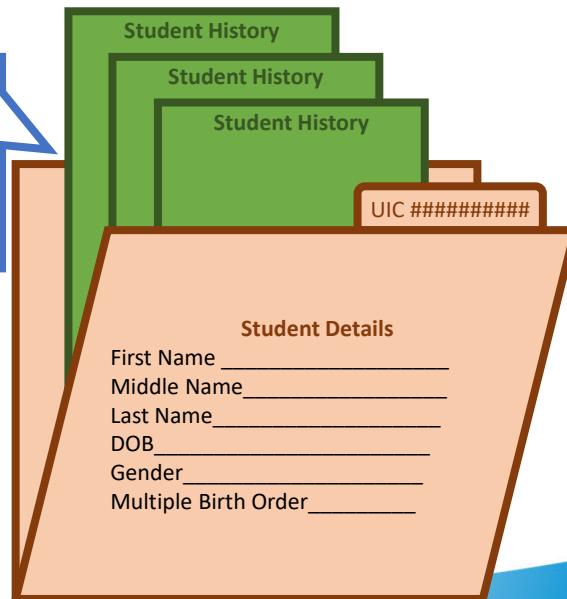
- Flip hyphenated last name (Sleater-Kinney vs Kinney-Sleater)
- First name synonym (e.g. Johnny vs John)
- Last submitted by the same district with exact first name, DOB, Gender and Local ID
- Flip first and last name (Kenny Bryan vs Bryan Kenny)
- Combine middle name and last name with a hyphen
- Match on half of hyphenated last name (King-Kincaid vs King OR Kincaid)
- Remove additional characters (‘, - .)
- Remove common last name suffixes (Jr, Sr, II, III, etc)
- Phonetic matching (Keesha vs Teisha)
- Opposite gender

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UICs, Student Details and History

Student details can be changed in the MSDS;
history cannot be changed.

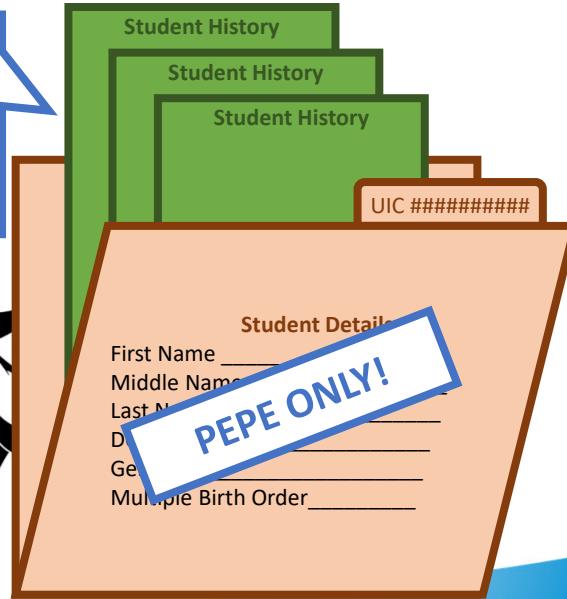


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UICs, Student Details and History

Only the Primary Education Providing Entity (PEPE) can change a student's details



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General Collections- REQUIRED

FALL

Count Day:

First Wednesday of October

Submission & Certification:

5 weeks after Count Day

Re-Certification:

6 weeks after Count Day

SPRING

Count Day: Second

Wednesday of February

Submission & Certification :

5 weeks after Count Day

Re-Certification:

6 weeks after Count Day

End of Year (EOY)

Count Day:

NA

Submission & Certification:

Last business day of June

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General Collections-

- Fall General Collection
 - FTE count (90% of current year state aid)*
 - Supplemental Nutrition count
 - Special Education Child count
 - Used for federal headcount reporting
- Spring General Collection
 - FTE count (10% of next year state aid)*
- EOY General Collection
 - School-year-wide reporting (Attendance, Discipline)
 - Graduates
 - Program exits (if applicable)

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NEW Third Grade Retention Collection – REQUIRED*

New
collection

- Opens June 2021
- Due by September 1, 2021

End of Term
Status

- Promoted to 4th grade
- Retained in 3rd grade

Promotion
Reason

- Promotion Reasons
- Good Cause Exemptions

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Early Childhood- REQUIRED

Required Programs:
GSRP, GSRP/Head Start Blend,
Section 32p

FALL

Reporting Period:
Start of Program
through end of Oct

Certification:
Mid-November

Spring

Reporting Period:
End of Fall through
mid-February

Certification:
Mid-February

End of Program (EOP)

Reporting Period:
End of February
through Mid-
August

Certification:
Mid-August

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Early Childhood-

- Early Childhood Fall
 - Report program enrollments (all required programs)
- Early Childhood Spring
 - Collection used for GSRP funding purposes
 - Reporting of GSRP Wait List
- Early Childhood EOP
 - Submit program exits
 - Required for Section 32p and 32p(4) Home Visitation

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TSDL- REQUIRED*

Required Students:

- All students grades K-12 and 14 are required to have all courses reported (Includes nonpublic or homeschooled students taking non-essential elective courses).

Migrant

Opens:
Mid-September

Certification:
Within 10 Days of entering or exiting the district

General TSDL

Opens:
Early May

Certification:
First week of August

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TSDL- What is it?

- Course history connecting students to teachers
- Reflects student's performance in classes taken
- Crosswalks Local Course Codes to SCED Codes to Teacher Assignment to Teacher Endorsement



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Request for UIC, Early Roster and SRM, Oh MY!

Request for UIC

- Obtain UICs for new students
- Validate UICs

Early Roster

- Direct Certification Reports
- Pre-Identification (Early Literacy assessment)

SRM

- Report new enrollments and exits between General Collections
- Update Program Participation
- Update demographics
- Claim Section 25e or Section 23a
- Update PEPE
- Update cohort status
- Submit late Grads / English Learner exits (mid-July thru mid- Sept)

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Entering MSDS Data

- Manual online data entry
 - One record at a time
- Bulk file upload
 - XML Files
 - Extracted from local student information system
 - Use XML editor or Macomb tool (MISDmsds) to further modify data
 - Upload into MSDS
- Future: submit via MI Data Hub

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MSDS Data Validation

- File-Level
 - Does the file meet the schema requirements?
 - For example: District Code is required, but not supplied in the XML file
- Field-Level
 - Do the records adhere to the business rules?
 - For example: The Grade or Setting does not match the Grades or Settings identified in EEM as offered by this school/facility.
- Collection-Level
 - Broader checks and comparisons against other/historical data
 - For example: Student is reported with more than 1.00 total FTE within this Operating District.

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Modifying MSDS Data

- Student Data Submission
 - Either Online or bulk
- Data enters the Data Staging Area
- Review ALL Errors and Warnings
 - Utilize System Reports to review data submission
- Correct any data issues
 - One record at a time via Online submission
 - OR, upload another file after making updates in your local system

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Running Quality Review

- After all file-level and field-level validation issues have been resolved
- Collection-level checks are performed during Quality Review
- Quality Review errors must be corrected before certification is available
- Quality Review warnings should be reviewed for accuracy
- After errors are cleared, certification becomes available

Quality Review is in Process

⚠ Quality Review is in process and may take several minutes, please wait (do not close your browser or navigate to a new page)...

Certify Collection

Quality Review is complete. Identified 1 outstanding items.

Error Description	Error Details
Section 23a claims can only be certified within 30 calendar days of the last day of the month claimed. (100.48)	was submitted with a Section 23a Month Claimed value of 201812 which is 120 days from the date of submission.

Items per pages: 10 Page 1 of 1 Excel Export

Warnings: By checking this I confirm that this information is valid and correct to the best of my knowledge. Cancel Download Dataset

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Certifying Your MSDS Collections

- As an authorized user, you are certifying the data on behalf of the Superintendent/Administrator
- General Collection/Early Childhood/General TSDL
 - Can certify then decertify and re-certify until the collection deadline
- Migrant TSDL and SRM
 - Ongoing certification means records can be certified, more records added and certify the new records

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Graduation and Dropout (GAD)

- Provides access to preliminary (appealable, auditable) graduation and dropout rates
- ISD Auditors review and enter audit findings

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GAD (Graduation and Dropout Rates)

Appealable Grad/Drop Rates

- Opens: Mid-July through Mid-September
- Rates released early August
- Corrections made in MSDS (SRM)*

Auditable Grad/Drop Rates

- Opens: mid-October thru late November
- Exit Status Audit (ISD Auditors)
- Corrections submitted to ISD Auditor
- Updates in MSDS nightly

*Only students last submitted in current school year.
Prior years can only be changed by ISD Auditor.

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Post-Secondary Student Data- STARR

- All community colleges and public universities are required to submit
- All student's academic record including:
 - Awards
 - Programs
 - Course Enrollment/completion
- Opens mid-July
- Closes November 1



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Questions?



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Business Office Data Collections

Educational Entity Master (EEM)
Registry of Educational Personnel (REP)
School Infrastructure Database (SID)
Financial Information Database (FID)



The EEM provides the...

Who, what, where and why

for all educational entities
in the State of Michigan

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Who are Michigan's
educational entities?



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What services do Michigan's educational entities offer?

Some questions that the EEM can answer...

Is the entity an elementary, middle or high school?

Does the entity offer virtual learning options?

Could the entity serve pupils with severe impairments?

Does the entity offer pupils before- and/or after-school activities?

Are there community services offered in the entity by DHSS?

Does the entity offer School-of-Choice options?

Does the entity offer all of its students free and reduced lunch (Community Eligibility Provision)?

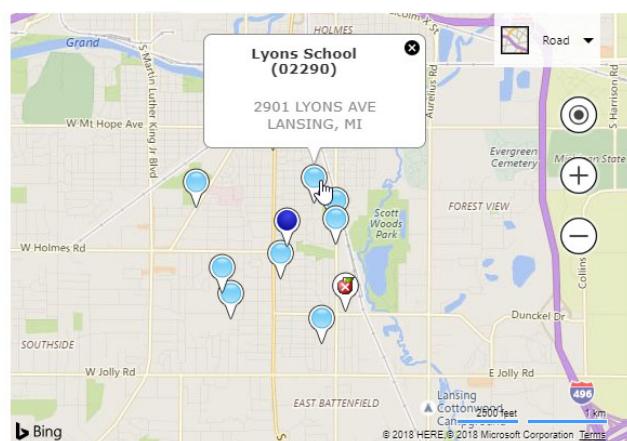
And so much more ...



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Where are Michigan's educational entities located?

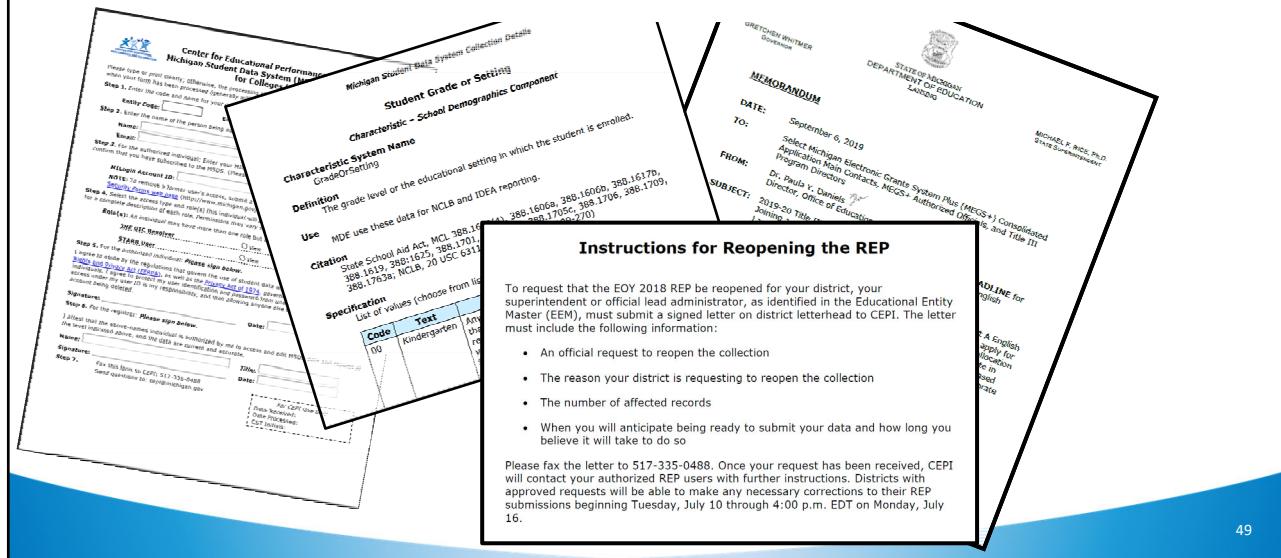


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“Why doesn’t this work?!”



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Data in the EEM

- **Entity Codes** (i.e. EMC, SEE, etc.)
- **Entity Type**
- **Addresses**
 - Physical
 - Mailing
 - Web page
- **Grades**
- **Educational settings**
 - Virtual
 - Special education
 - Alternative education
 - Reportable program
 - School of choice
- **Shared education programs**
- **Administrative contacts**
- **Assessment contacts**
- **School emphasis**
- **Open and close date**
- **Charter information (for Charter Schools)**
- **Community eligibility (for the free/reduced lunch program)**
- **Research codes (i.e. NCES)**
- **Points of Pride**
- **And more ...**

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EEM data is consumed by other agencies and applications



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Entity Types are Important:

School

- Issues state assessments
- Has a separate administrative path from other entities, with some exceptions
- Has a discrete set of educators, with some exceptions
- Is accountable as the PEPE and (if it has grade 12) graduates students

Unique Education Provider

- Does not issue assessments, graduate students or act as the PEPE
- Often used for adult learning, PK or supplemental learning

Non-Instructional Ancillary Facility (i.e. bus garages, food service centers, district-owned athletic facilities)

School



Unique Education Provider (UEP)



Non-Instructional Ancillary Facility



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Educational Settings

- Settings in EEM must match those reported in MSDS; otherwise, you will be unable to certify the MSDS Collections
- Work with your EEM Authorized User to ensure the correct settings are at each school or unique education provider

MSDS School Demographic	EEM Educational Setting
Grade or Setting = 14	Special Education (SpecEd), or Special Education Center Program (SpecEdCtPr)
Grade or Setting = 20	Adult Education (AdultEd)
Grade or Setting = 30	Pre-Kindergarten (PK)
Program Participation = 9220	Alternative Education (AltEd)

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Virtual Educational Settings

- The EEM has three Educational Settings that can be used to denote virtual programming offered by your entity
 - **Supplemental Virtual (SuppVirt)** – The school offers virtual courses, but virtual instruction is not the primary means of instruction
 - **Face Virtual (FaceVirt)** – The school focuses on virtual instruction but includes some physical meetings among students or with teachers
 - **Full Virtual (FTVirtual)** – The school has no physical building where students meet with each other or with teachers; all instruction is virtual
- If your district is doing remote or hybrid instruction temporarily due to COVID-19, you do not need to mark FaceVirt or FTVirtual. You should use the SuppVirt setting instead since the building normally provides in-person instruction.
- FaceVirt should only be used if the school offers systemic virtual instruction in addition to in-person options
- FTVirtual should only be used for schools that are entirely virtual with no in-person option

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Pro Tip: District Entity Overview

- Each fall the District Lead Administrator and EEM Authorized users receive a link to a summary of EEM details for Schools and UEPs
- This is a good opportunity to bring the team together to review the current settings and determine if EEM updates are necessary
- Example:

Grades (Actual) in the EEM	Grades Reported in SY 2019-20 Student Data
7,8,9,10,11,12	7,8,9,10,11,12
7,8,9,10,11,12	7,8,9,10,11,12
KG,1,2,3	KG,1,2,3
KG,1,2,3,4	KG,1,2,3
KG,1,2,3,4,5,6,7,8	KG,1,2,3,4,5,6,7,8
KG,1,2,3	KG,1,2,3
9,10,11,12	
7,8,9,10,11,12	8,9,10,11,12
3,4,5,6,7,8,9,10,11,12	7,8,9,10,11,12
7,8,9,10,11,12	7,8,9,10,11,12
KG,1,2,3	KG,1,2,3

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The **REP** collects the...

WHO, WHAT, WHERE and WHEN

of **Employees** in all school districts in Michigan

When is REP data collected?

Fall
Opens:
September 1

Certification:
First business
day in
December

REP On-Demand
Opens: late
December

Optional data
submission
between official
collection windows

End of Year
(EOY)
Opens: April 1

Certification:
Last business
day in June

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Who is Submitted in the REP?

- Short answer: pretty much everyone
- Long answer: School Safety Legislation of 2005 requires that all school personnel who are employed on a regular and continuous basis must be reported in the REP.
- Long answer continued: All contracted employees who work on a regular and continuous basis must be reported in the REP.
 - This includes food service, janitorial service, transportation, day-to-day substitutes, paraprofessionals, virtually contracted teachers, etc.



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What Data is Submitted in REP?

- Employee personal information
 - Personnel Identification Code (PIC)
 - Name
 - Social Security Number (SSN)
 - Education Level
 - Date of Birth (DOB)
- Employment Information
 - School/ISD assignment
 - FTE
 - Position Title
 - Grades Taught
 - Educational Settings
- Employment status
- Date of Hire
- Date of Termination
- Income Information
 - Salary/hourly wage
 - Basic accounting information
- Credential Information
 - Credential number
 - District Provided Days of Professional Development
 - Educator Effectiveness rating

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Personal Identification Codes (PICs)

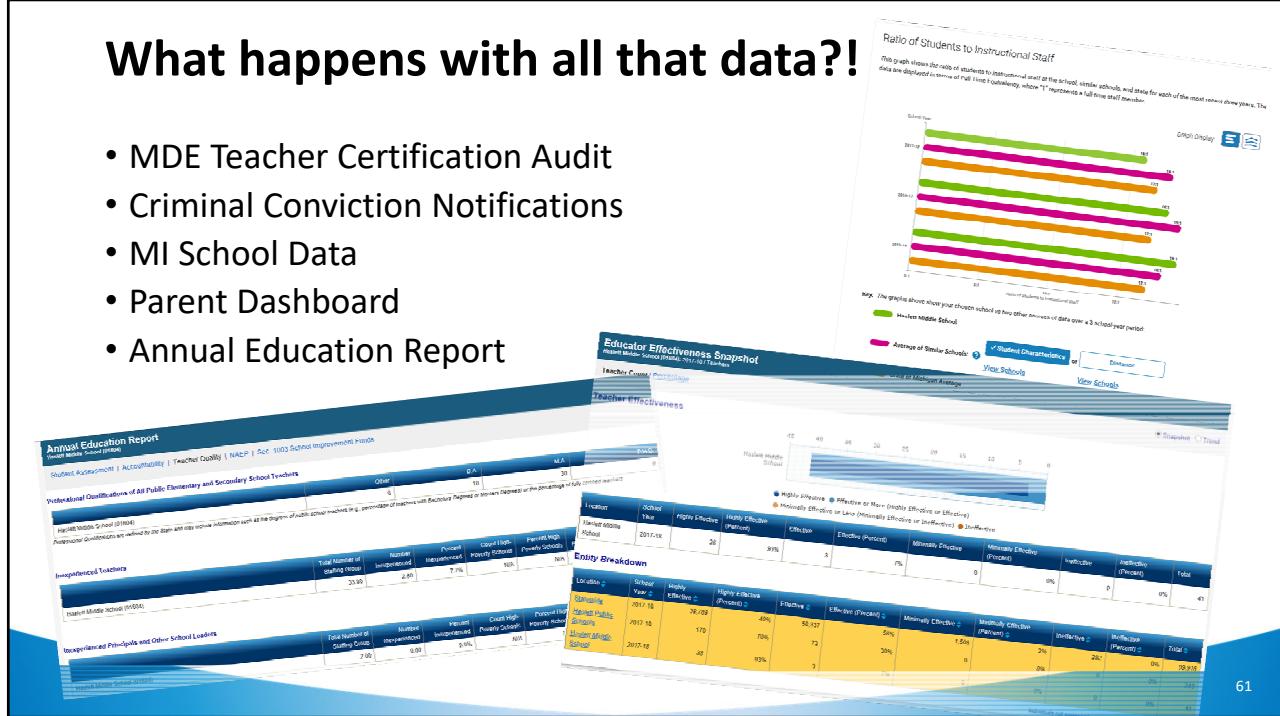
- Comparable to a UIC
- Tied to core demographic data
 - Social Security Number and/or Credential License Number
 - First/Last Name
 - Date of Birth
 - Gender
 - Race/Ethnicity
- Updates can be made within the REP system
- If duplicate PICs exist for an individual contact CEPI
 - cepi@Michigan.gov
 - Remember not to send PII, just send the duplicate PICs and indicate what data is correct

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What happens with all that data?!

- MDE Teacher Certification Audit
- Criminal Conviction Notifications
- MI School Data
- Parent Dashboard
- Annual Education Report

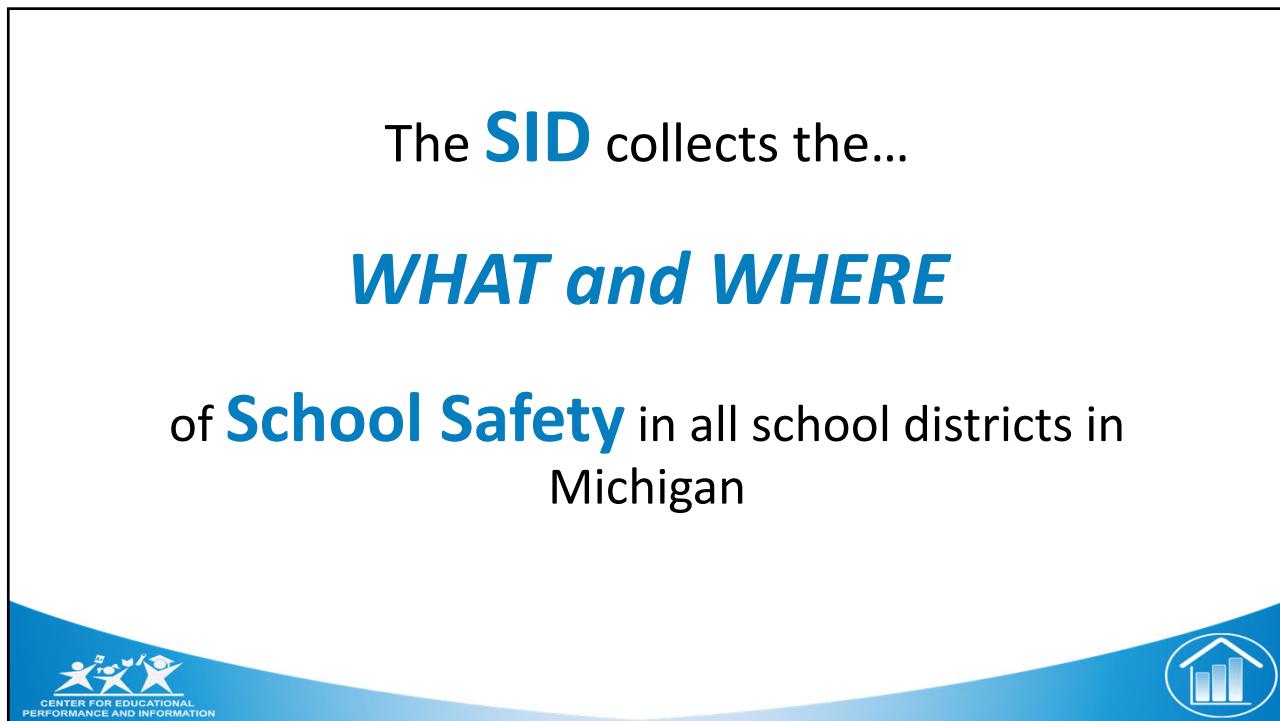


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The **SID** collects the...

WHAT and WHERE

of **School Safety** in all school districts in Michigan



When is SID data collected?

**End of Year
(EOY)**
Opens: April 1

**Submission
Due: Last
business day
in June**

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School/Facility	Status
Haslett High School	X
Haslett Middle School	X
Haslett Public Schools	X
Murphy Elementary School	X
Vera Ralya Elementary School	X
Willshire School	X

SAFETY

Disciplinary Problems - Student Bullying *
Indicate the number of incidents of student bullying that have occurred on school property or at a school-sponsored activities during the past school year.

DATA REQUIREMENTS

(44) Students Who Are Victims of Violent Criminal Offenses *
Indicate the number of students who have been victims of violent criminal offenses on school property or at school-sponsored activities during the past school year.

(50) Instances of administration of an opioid antagonist to a pupil *
Indicate the number of incidents of administration of an opioid antagonist to a pupil at school.

(51) Instances of administration of an epinephrine auto-injector to a pupil in a school year *
Indicate the number of incidents of administration of an epinephrine auto-injector to a pupil at school in a school year.

(52) Pupils who were administered an epinephrine auto-injector not known to be severely allergic *
Indicate the number of pupils who were administered an epinephrine auto-injector at school who were not previously known to be severely allergic.

(53) Pupils who were administered an epinephrine auto-injector using the school's stock *
Indicate the number of pupils who were administered an epinephrine auto-injector using the school's stock of epinephrine auto-injectors.

If this central administrative office shares physical space with another building in your district, click the link below to continue entering SID data for this building.

administrative office shares space

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What Data is Submitted in SID?

- School Disciplinary Problems- Bullying
- Students Who Are Victims of Violent Criminal Offenses
- Instances of Administration of an Opioid Antagonist to a Pupil
- Instances of Administration of an Epinephrine Auto-Injector to a Pupil in a School
 - Total count of ALL administration of Epinephrine Auto-Injectors
- Pupils Who Were Administered an Epinephrine Auto-Injector Not Known to be Severely Allergic
 - ONLY those with previously unidentified allergies (includes personal or school stock)
- Pupils Who Were Administered an Epinephrine Auto-Injector Using the School's Stock
 - ONLY administration of the school's stock, may be known or unknown at time of administration

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The **FID** collects the...

FINANCIAL Information

of all school districts in Michigan

The FID Submissions Include...

- Audited financial information
- Aligns to the Michigan School Accounting Manual (Bulletin 1022)
- Utilizes Chart of Accounts
- FID
- Budgetary Assumptions
- SE- 4094
 - Expenditures related to Special Education transportation
- SE 4096
 - Expenditures related to Special Education Actual Cost

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When is FID data collected?

FID
Opens: Day after Labor Day
Due: Nov. 1

For **previous** school year

Budgetary Assumptions
Opens: June 3
Due: July 7

Multiple school year reporting

SE- 4094
Opens: Aug. 3
Due: Oct. 7

For **previous** school year

SE- 4096
Opens: Aug. 5
Due: Sept. 30

For **previous** school year

Only districts identified by SOM Treasury

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FID

- File submission of general financial/accounting information
- Data Elements include:
 - Balance Sheet
 - Revenue
 - Expenditures
 - Education Service Provider (if applicable)
- Cross-File Validation Checks occur after all files are submitted

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Budgetary Assumptions

- SOM Treasury identifies required districts
 - Districts who reported a general fund balance under 5% in one or both of the previous 2 fiscal years

Data Elements include:

- Projected Foundation Allowance
- Projected Student Membership
- Expenditure per Pupil for the previous school year
- Projected Expenditure per Pupil for the future school year
- Previous Year Final Budget Opening Balance
- Previous Year Final Budget Total Revenue
- Previous Year Final Budget Total Expenditure
- Previous Year Final Budget Closing Balance
- Budgetary Assumptions for upcoming fiscal year Opening Balance
- Budgetary Assumptions for upcoming fiscal year Total Revenue
- Budgetary Assumptions for upcoming fiscal year Total Expenditure
- Budgetary Assumptions for upcoming fiscal year Closing Balance

70

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SE-4094 Transportation Expenditures

- Step 1: Does your district operate transportation services?
 - Within the system indicate YES or NO
 - If yes, then form will become available
- Data can be manually entered into the system or imported from the FID collection, if completed
- Data Elements include:
 - Salaries
 - Purchased Services- Non-Vehicle related costs
 - Purchased Services- Vehicle related costs
 - Supplies
 - Section 53a Ridership Verification

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SE-4096 Special Education Actual Cost Report

- Data elements can be manually entered into the system or imported from the FID collection, if completed
 - Not all data elements can be imported
- Must adhere to the State Aid and IDEA Part B, Section 611 Allowable Costs guide:
https://www.michigan.gov/documents/mde/StateAid_IDEA_PartB_Section611_Allowable_Costs_519694_7.pdf

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Questions?



73

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Data Quality Alerts – *OMG!*



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Data Quality Alerts – *OTG!!*

- Here to help not harass
- Take advantage of the early checks
- Don't change accurate data
- Save your reports!



75

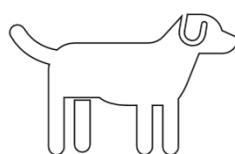
75

“YOUR DATA ARE NOT NECESSARILY WRONG”

The goal of our data quality process is finding
ANOMALIES, not ERRORS

An ANOMALY is:
“an odd, peculiar or strange condition, situation, quality,
etc.”

(definitions from Dictionary.com)



Albino dog – a peculiar rarity

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“YOUR DATA ARE NOT NECESSARILY WRONG”

The goal of our data quality process is finding ANOMALIES, not ERRORS

An ERROR is:
“a deviation from accuracy or correctness.”

(definitions from Dictionary.com)



Giant pink dog larger than humans – something is not right...

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Data Quality Email Message Example (Pt. 1)

CEPI Data Quality Alert: Fall 2019 REP Post-Collection



Reply | Reply All | Forward | ...
Mon 12/9/2019 11:28 AM

Subject: CEPI Data Quality Alert: Fall 2019 REP Post-Collection*

Entity: Happy Kids School District (85040)

Purpose: CEPI analysts have discovered anomalies in your Fall 2019 REP collection. Inaccurate data may adversely affect state and federal reporting, as well as reports available to the public, students, parents and policymakers. Inaccurate data may result in your entity being identified as out of compliance and could result in funding penalties.

Action: Please review the following issue(s) and check your submission for each of the concerns listed. Any corrections must be completed and certified by 4 p.m., December 16.

- If your data are correct, no action is necessary.
- If data are incorrect, please submit a request to reopen your collection. Reopen request instructions are at: www.michigan.gov/documents/cepi/Instructions_for_Reopening_the REP 657842_7.pdf

DQRP1804 Highest Education Level for Teachers is Not Minimum of Bachelor's Degree

Users Contacted: Lead Administrators and REP Authorized Users

Your REP and EEM Authorized Users are listed at the end of this email.

Questions: Contact CEPI customer support (CEPI@michigan.gov) by replying to this email or calling 517-335-0505 x3.

Thank you,
CEPI

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Data Quality Email Message Example (Pt. 2)

DATA SNAPSHOT DETAILS

Snapshot Date and time in the following format December 3, 2019 at approximately 6 a.m.

Data submitted after this date and time will not be reflected in the results below.

DQRP1804: Highest Education Level for Teachers is Not Minimum of Bachelor's Degree

PROBLEM: The following entries are for instructional staff members, based on Field 10: School Assignment Data, and an entry in Field 16: Highest Education Level that is less than the required level of bachelor's degree.

IMPACT: This is an indication that the field is not accurately submitted, which can make the teacher appear to not be appropriately qualified. This value is now available as a Report Category in the Staffing Counts on MI School Data. This field is also used in calculating the Professional Qualifications report within the Annual Education Report (AER).

RESOLUTION: Please verify that each staff member's Field 16: Highest Level of Education is properly reported in these records.

PIC --- EmpStatus --- Assignment (Code) --- Education Level

447490 --- 99 --- Mathematics (000EX) --- NO

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Does your data *quality* matter?

Lansing State Journal
A BIRMINGHAM COMPANY

Schools work to keep kids in class

Rose Taphouse worked in the Hill Center Thursday, May 14, of students who are missing school. They could be kindergartners, scheduling issues or transportation could be the families of heads who simply don't want to go.

Taphouse, Lansing's full-time attendance specialist, prefers dealing with younger kids for one simple reason. "For years, my goal has always been to keep them here. Let's get parents thinking that attendance is a priority."

Just under a quarter of Lansing's 12,000 students missed 11 or more days during 2013-14. The statewide average is 26.5 percent. Michigan requires instruction per year spread over at least 175 days, with that number in the future.

Michigan schools are stocking first aid kits with Narcan

Michigan schools are stocking first aid kits with Narcan. Rose Taphouse worked in the Hill Center Thursday, May 14, of students who are missing school. They could be kindergartners, scheduling issues or transportation could be the families of heads who simply don't want to go.

Oops... reporting error leads to perfect report card

Michigan schools are stocking first aid kits with Narcan. Rose Taphouse worked in the Hill Center Thursday, May 14, of students who are missing school. They could be kindergartners, scheduling issues or transportation could be the families of heads who simply don't want to go.

See how your high school ranks: College-going data for 68 Southwest Michigan high schools

Post-Secondary Outcomes

Southwest Michigan High Schools

Prom in pictures

80

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Questions?



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CEPI collects so much
data on students, staff,
our finances, etc...

Where does it all go?

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Connecting the Dots in Education

Michigan's Longitudinal Data System tracks education inputs and outputs, connecting student records while protecting student privacy.

- ⇒ Over time
- ⇒ Level to level
- ⇒ School to school
- ⇒ System to system
- ⇒ Early childhood to workforce



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Where does all the data go?



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CEPI provides “Data Use” matrices for each application (except the EEM)

The screenshot shows the CEPI website homepage. The main content area features a banner with three stylized human figures. Below the banner, there is a portrait of Tom Howell, Director, with his name and title below it. The navigation menu on the left includes links for About CEPI, CEPI Applications, Calendar, Get Data, e-Transcript, Nonpublic Schools, Institutions of Higher Education, Mi School Data, Michigan Longitudinal Data System, Help and Support, and MI School Data. The main content area has a sub-navigation bar with links for What is CEPI?, Submit data to CEPI, and Find and use CEPI data. Below this is a welcome message and a photo of Tom Howell. A red arrow points to the 'Data Use' link in the navigation menu. The footer contains links for Quick Links, Privacy and Security, Data Use, How Data Are Used, Stay Connected, and other CEPI applications like FID, GAD, MSDS, NPSR, SID, STARR, and REP.

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The Data Use matrices describe what the data is used for

Field	Field Description	Type	Num. of Report Uses	Data Use	Report/Data Usage
1 Date of Count	Required	10	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
2 Operating ISD/ESA Number	Required	5	x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
3 Program District Number	Required	14	x x x x x x x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
4 Last Name	Required	15	x x x x x x x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
5 First Name	Required	15	x x x x x x x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
6 Middle Name	Required	10	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
7 Social Security Number	Required	15	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
8 Credential License Number	Required	14	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
9 Grade or Educational Setting	Required	12	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
10 Social Facility	Required	18	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
11 Assignment	Required	19	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
12 Grade or Educational Setting	Required	19	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
13 Date of Birth	Required	13	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
14 Gender	Required	18	x x x x x x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
15 Primary Ethnicity	Required	5	x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
16 Highest Educational Level	Required	2	x x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
17 Type of Credential - Required for code '02' Pending	Conditional	4	x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
18 Educator Effectiveness	Required	2	x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)
19 New Teacher Professional Development	Required	1	x x x x	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)	EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2005 - Federally Funded Staff (Title I) - Federal EDEN/Cards Data (EDEN) - Cross Staff (Title I) - Federal EDEN/CSER/2007 - Title III Teachers - (Federal)

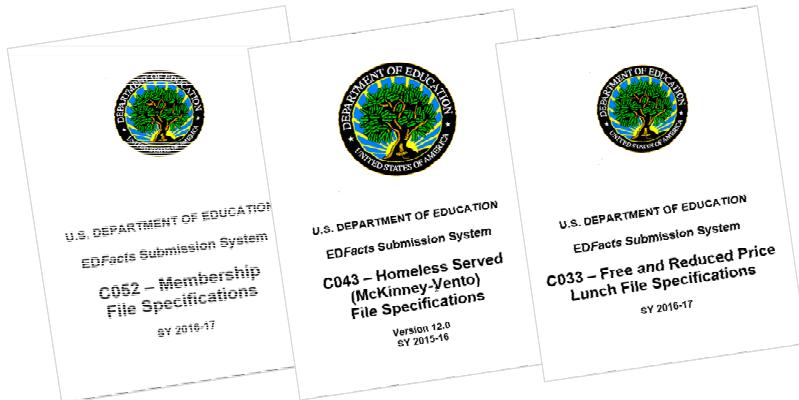
86

86

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Leveraging Data Connections...

...Federal Reporting



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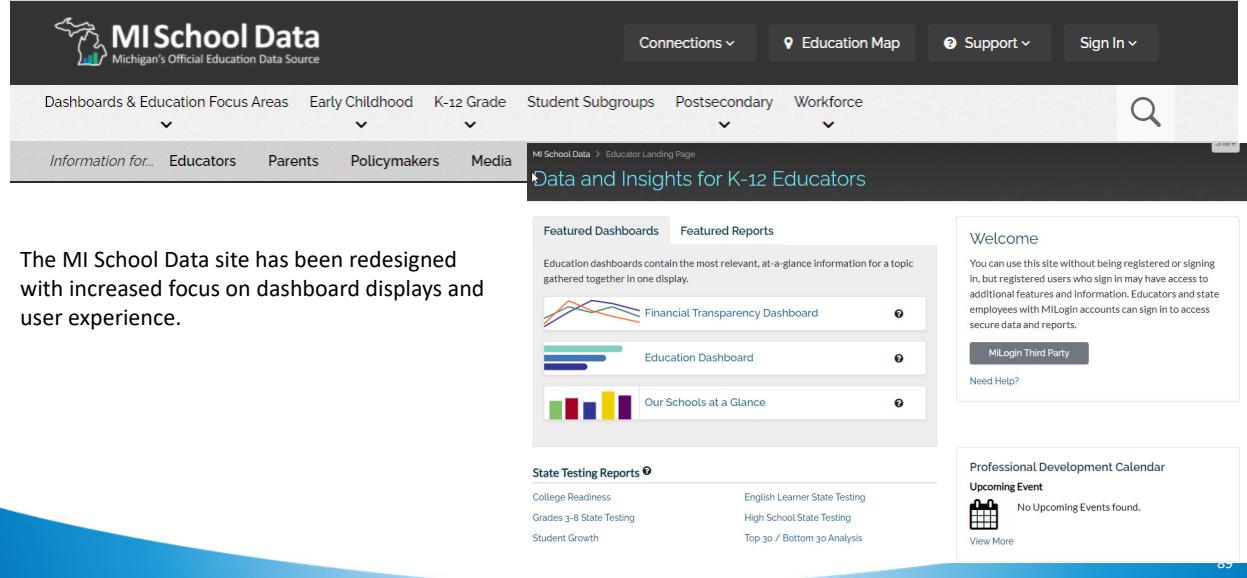
87

**How can I utilize CEPI's data
in my school?**

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The NEW MI School Data



The MI School Data site has been redesigned with increased focus on dashboard displays and user experience.

Information for... **Educators** Parents Policymakers Media

MI School Data > Educator Landing Page

Data and Insights for K-12 Educators

Featured Dashboards **Financial Transparency Dashboard** **Education Dashboard** **Our Schools at a Glance**

Education dashboards contain the most relevant, at-a-glance information for a topic gathered together in one display.

State Testing Reports **College Readiness** **Grades 3-8 State Testing** **Student Growth** **English Learner State Testing** **High School State Testing** **Top 30 / Bottom 30 Analysis**

Welcome

You can use this site without being registered or signing in, but registered users who sign in may have access to additional features and information. Educators and state employees with MI Login accounts can sign in to access secure data and reports.

MI Login Third Party Need Help?

Professional Development Calendar

Upcoming Event **No Upcoming Events found.**

View More

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Public and Secure Access

- Public Access:
 - General public access, media, etc.
 - Cell Suppression
 - No student level data
- Secure Access
 - MI Login account/authorization
 - Restricted to education personnel only
 - Access granted by ISD/RESA
 - Additional reports
 - Non-cell suppressed data
 - Student level data



90

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School Index Scores

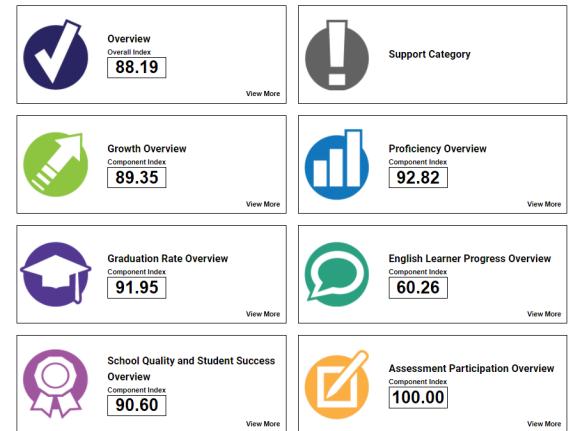
Released March 2018

- The index system calculates values from 0-100 for the school overall, as well as any components or subgroups within the school. Index values are based on the degree to which schools met targets in the different components.
- Historical accountability data – Accountability Scorecard and School Ranking – still available

School Index School Overview
East Lansing High School (01025) / East Lansing School District (23010): 2016-17
<http://elpk.k12.mi.us/>

Key Performance Indicators

Click inside the tiles below to see more information about each key performance indicator.



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Superintendents & Principals

- How do our [scores/finances/rates etc.] compare to our peers? to ISD or statewide numbers?
[Add Comparison](#)
- What schools are our resident students attending? How many nonresident students are choosing to attend our school?
[NONRESIDENT STATUS REPORT](#)

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Curriculum/SI Teams

- How do our graduates fare in college? Are they taking remedial courses? What subjects?
- Do we need to work with certain community colleges or universities to increase the likelihood of success for our graduates?
- Do our performance metrics (GPAs, assessments, honors and awards) seem to be solid indicators and line up with college performance metrics?

[COLLEGE ENROLLMENT BY H.S.](#)

[24 COLLEGE CREDITS](#)

[COLLEGE REMEDIAL COURSEWORK](#)

[MME & ACT COLLEGE READINESS](#)

[STUDENT PATHWAYS](#)

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Counselors

- Some kids who entered 9th grade 4 or more years ago didn't graduate. Are they off-track but continuing? Did they drop out? Can we help them toward graduating?

[GRAD DROPOUT RATE](#)

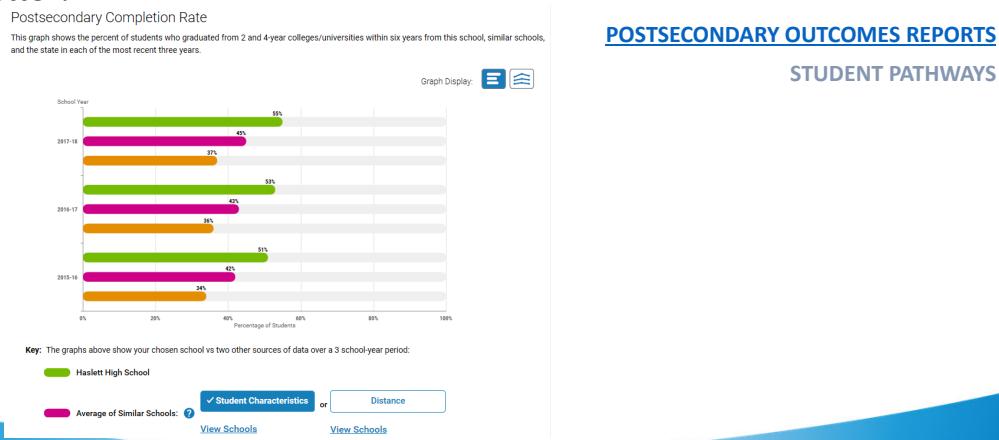
2012-13 Graduation Dropout Student Breakdown						
School District: 5-Year (2012 Graduation Cohort) / All Students						
Last Name	Date of Birth	Gender	Race/Ethnicity	Status	LEP	Migrant
-All-	-All-	-All-	-All-	Dff-Track C	-All-	-All-
	02/24/1994	Male	White	-All-	-All Graduated-	
	04/30/1994	Male	African American	Dropout	Exempt	
	12/11/1992	Male	White	Missing Expected Record (MER)		
	01/27/1994	Male	African American	Off-Track Continuing		
	11/02/1992	Male	White	Off-Track Graduated		
				On-Track Graduated		
				Other Completers		
				Off-Track	N	N

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Counselors

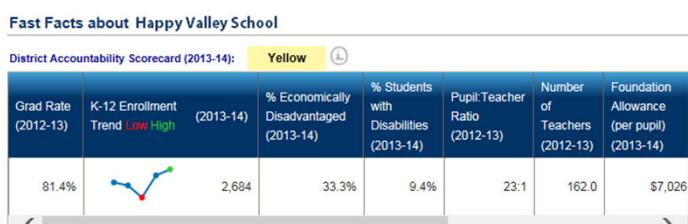
- Did our graduates go to college as planned? How are they doing? Persisting? Earning the grades we predicted? Earning a credential? Can we help prepare them better?



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School Boards

- How are we trending on [enrollment/ test scores/ attendance rates/ graduation-dropout rates, etc.]?
- What is the [racial makeup/ poverty level/ percent with IEP, etc.] of our student population?
- What do our teacher demographics and education levels look like?



FROM: OUR SCHOOLS – AT A GLANCE REPORT

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Thank You.



Education matters. Discover what's working in Michigan.

