Registry of Educational Personnel

REP Training Session
Spring 2023





Updates: Recent and Coming Changes

Getting Started with CEPI and REP

Objectives

EOY 2023 Important Dates

Connecting Students to Teachers (TSDL)

Best Practices: Reports

Contacting CEPI:

- CEPI Customer Support:
 - Phone: 517-355-0505 x3
 - o Email: cepi@michigan.gov
- Watch the CEPI Announcements closely
 - Pro Tip: CEPI Announcements are targeted to the users with content included in the message. If you are receiving the CEPI Announcement, there is something in there for you!
- www.michigan.gov/cepi updates

What is the REP?

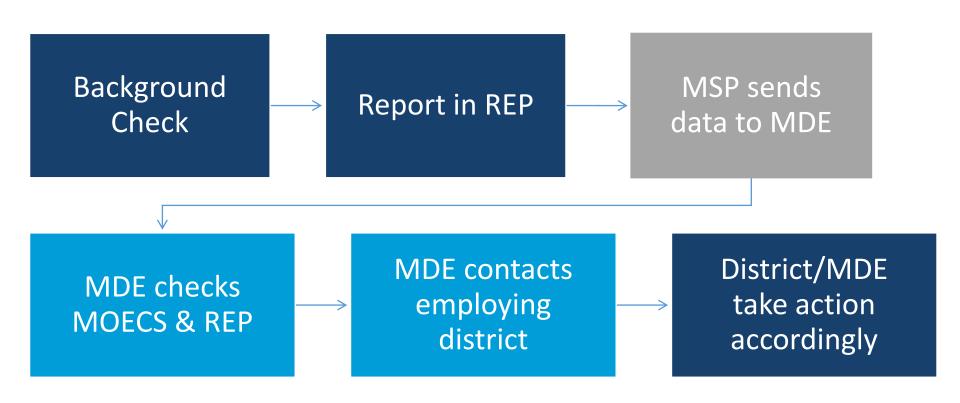
- Comprehensive database of all educational personnel in the State of Michigan
- Primary source used by the state to meet state and federal reporting requirements



Why is REP Important?

- School safety reporting for educational personnel
- Credential progression
- Understanding workforce trends
 - Retention, Mobility, Vacancies
 - Informs statewide initiatives and used to support districts in individual efforts
- Accountability systems for K-12 schools and Educator Preparation Providers
- Used to avoid time-consuming investigations around compliance with Michigan and Federal statute

School Safety/RAPback Overview



REP Resources

- (+) Manuals
- Melp and Training
 - · Best Practices for REP and TSDL Reporting
 - · Calculating the Number of Core Academic Classes Taught
 - · MDE Office of Educator Excellence
 - MDE Permits and Placement Guidance
 - · Michigan Online Educator Certification System
 - · MOECS Effectiveness Rating Training for Districts Webinar
 - · Professional Learning Resources
 - · REP Data Certification Video Tutorial
 - REP FAQs
 - REP Glossary
 - · REP New User Guide
 - SCED V6 REP Crosswalk
- Technical Material

REP Resources

Manuals

- · Fall 2021 REP Data Field Descriptions
- EOY 2021 REP Data Field Descriptions
- · Educator Effectiveness Appeals Process
- · Personnel Search User Guide
- · REP On Demand User Guide
- · REP Report User Guide
- REP User Guide
- (+) Help and Training
- Technical Material

Field 10: Breakdown of Field Placements

Assignment Number	Characteristic	Position Number	
Assignment 1:			
	School/Facility Number (NNNNN)	172-176	
	Assignment (NNNAA, AANAA or NNNNN)	177-181	
	Grade-Level/Educational Setting (Integer)	182-203	
	FTE (N.NN)	204-207	
	Wage (NNN.NN)	208-213	
	Accounting/Function Code	214-216	
	RESERVED- PAD WITH BLANK	217	
	RESERVED- PAD WITH BLANK	218	
	RESERVED- PAD WITH BLANK	219	
	RESERVED- PAD WITH BLANK	220	
	Number of Core Academic Classes Taught (N)	221	

Fixed file format:

All records in the personnel database submitted by districts must conform to the following ASCII record layout, i.e., files must have 751 characters in a fixed record length with data variables conforming to the following specifications:

Personnel Information

Position in Record	Size in Bytes	Field #	Field Name	Data Type/Specification	
001-010 10		1	Reserved	Pad with Blanks	
011-012	2	2	Operating ISD/ESA Number	Character	
013-017	5	3	Operating District Number	Character	
018-057	40	4	Last Name	Alpha	
058-097 40		5	First Name	Alpha	
098-137 40		6	Middle Name	Alpha	
138-146 9		7	Social Security Number	Integer	
147-161	15	8	Credential License Number	Alphanumeric	
162-171	10	9	Date of Hire	Date, with slashes	
172-621* 450		10*	School Assignment Data: School, Assignment, Grade or Educational Setting, FTE, Wage, Accounting/Function Code, Number of Classes	Character	
Position Number			Taught, reserved characteristics		

When is REP data collected?

Fall Opens:

September 1

Certification:

First business day in December

REP On-Demand

Opens: late

December and

Early August

Optional data submission between official collection windows

End of Year

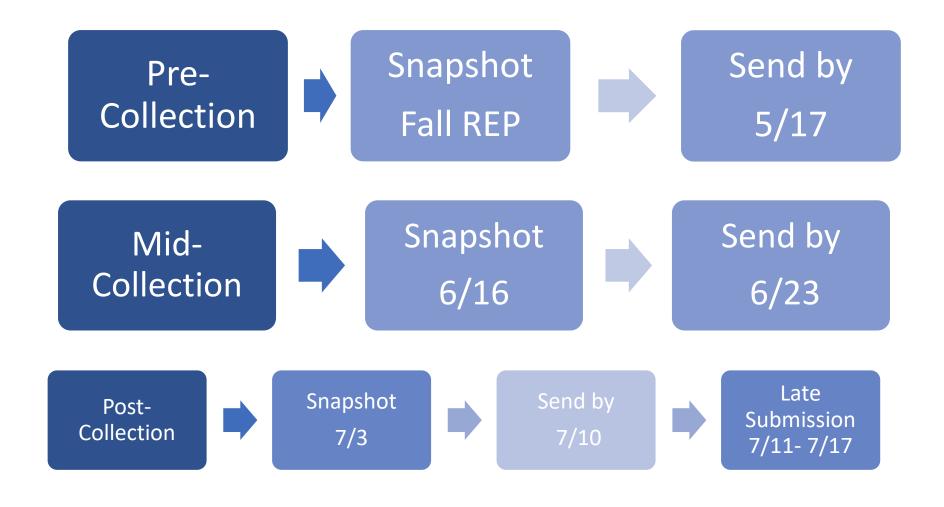
Opens: April

1

Certification:

Last business day in June

EOY 2023 REP DQ Timelines



Coming Soon:



- Replacement to MOECS and REP systems
- Benefits:
 - Create closer integrations with system and business processes
 - Improve identity matching within staffing data and across data systems
 - Streamline and reduce data burden for school districts
 - Streamline the certification process, remove data duplication
 - Increase data transparency

EOY 2023 Updates

- Educator Effectiveness Rating Requirement ratings are now requirement for 00280 Homebound/Hospitalized.
- New Teacher Professional Development Created an "Other" category in order to provide hours for teachers' professional development that does not fit Classroom Management or Instructional Delivery.

Focused DQ Reports

- No Superintendent Reported
 - The Superintendent is indicated by reporting the Administrator Assignment Code Title and Function of 70x00: Chief Administrative Officer of District/ISD.
- No Building Level Principal Reported
 - The Principal is indicated by reporting the Administrator Assignment Code Function of 73x01: School Management (e.g., administrator, principals and others in management roles).
- Vacant Position Summary



Reporting Issues

Vacant Position Reporting:

- Vacant/Funded positions should be reported as a Funded Position Status of 1.
- If position is filled during the REP collection window, the assignment can be reported with a Date of Hire, and Date of Termination within the same collection (i.e. late hires into the school year)
- It is important to think of the vacancies as assignments, rather than individuals

Reporting ALL staff:

- Contracted Staff who are regularly and continuously employed within the school district should be reported with accurate Assignment Code data for the position they are filling.
- o Includes Virtual TORs, if provided by the third-party virtual vendor

Teacher Mobility:

- Field 25: Employment status termination codes suggest an over reporting of "other"
- Whenever possible use one of the more specific leave codes for employee departures

Who Must be Reported?

• MCL <u>380.1230e</u>:

- Required to report all individuals who are employed by a school district, ISD, PSA or nonpublic school assigned to a regular and continuous contract
- Includes all school property (i.e., school bus, food service, classroom, administrative services, etc.)
- Includes educators provided by third party vendor (virtual educators)
- Includes Student Teacher Interns (00STU)
 - Pre-service teachers in their last placement prior to certification

Who is NOT Reported in the REP?

Individuals that work on an intermittent or sporadic basis



May include:

- The local furnace repair man who comes every year
- The DJ that hosts every school dance/party that plays all the kids' favorite jams
- The band booster parent who coordinates all fundraising events for the school band

Updating Records

Icon Legend

- Personnel record updated for the submission cycle.
- Personnel record updated with errors for the submission cycle.
- Personnel record not updated for the submission cycle.

- All records start with the red "not updated" status
 - Records terminated in the previous collection will not be pulled into the next collection
- Throughout the collection, records may be saved with errors*
 - For example, if adding a new hire in January, you should not have a value for Field 20: Educator Effectiveness, this may be left blank, and will save with an error
- All records must be updated and error-free for certification to become available

^{*}some exceptions apply

Fatal Errors

- Not all data with errors can be saved, if Fatal Errors exist, the record will **not** be saved/updated
- The fields that will result in Fatal Errors are the fields required for Assessment and Michigan State Police to be able to utilize the data
- Records that contain Fatal Errors will remain in the red "X" status

Field 27: PIC

Field 5: Last Name

Field 4: First Name

Field 6: Middle Name

Field 13: Date of Birth

Field 14: Gender

Field 7: Social Security Number

Field 8: Credential License

Number

Field 25: Employment Status

Field 9: Date of Hire

Field 26: Date of Termination (if

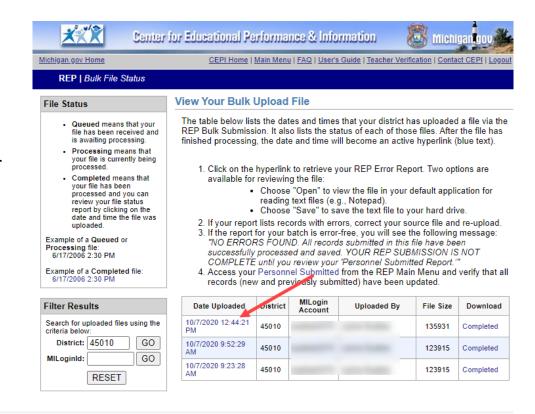
applicable)

Field 10: Characteristics: School

Code and Assignment

Bulk File Submission-Fatal Error Report

- If Fatal Errors are present in your bulk file, the records will not be updated in your Personnel Master.
- Click the Date/Time stamp for the file you are reviewing
- If a fatal error is present on a record, that record is not updated.
- Any records not containing fatal errors will be updated in the Personnel Submitted roster.



--- Beginning of Results ---

Fatal Error:

[Validation Failed] The social security number submitted does not match the social security number for the credential submitted.

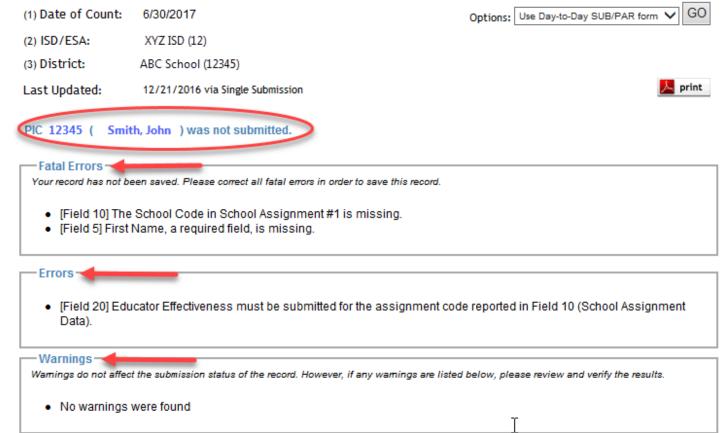
Error:

[Field 8] The Credential License Number that was submitted is expired or is not valid

- ---Number of Fatal Errors Found in Record: 1
- ---Number of Errors Found in Record: 1
- ---Number of Warnings Found in Record: 0

Error Details on Personnel Submitted Page

When submitting a record online, you will see Fatal Errors, Errors and Warnings on the submission screen



How to Certify REP Data

- Certification is available from the main REP page within the application for 1 month approaching the REP submission deadline
 - Nov. 1 Dec. 1
 - May 30 June 30

Welcome to the Registry of Educational Personr



Data Submission

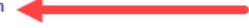
To submit and update personnel data, select from the following

- Online Single Submission
- Bulk Upload File Submission
- Bulk File Submission Status
- Personnel Submitted

Data Certification

To certify data, select the following function:

Data Certification



Personnel Search

To search for a PIC or to request a new PIC, select the following

Personnel Search



- After you click the "Certify" button, you will see changes on the page:
 - Successful certification message
 - Last Change will denote when and what the last certification status was
 - The certify button will become a "decertify" button
- Your submission will become Read Only, and no changes may be made until the collection has been decertified.

Questions?



Connecting Students with Teachers

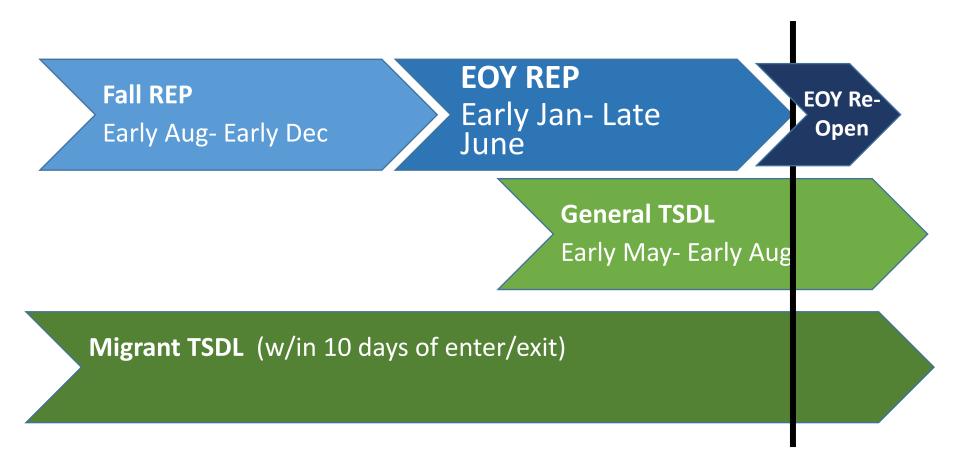
- General TSDL: ALL students must be reported with full course roster in TSDL
 - All actively enrolled students with or without FTE
 - Includes Grade 14- Special Ed Transition
 - May include Grade 30
- Migrant TSDL: Migrant students within 10 days of entering/exiting
 - Do not duplicate in General TSDL

How does the TSDL Affect Me?

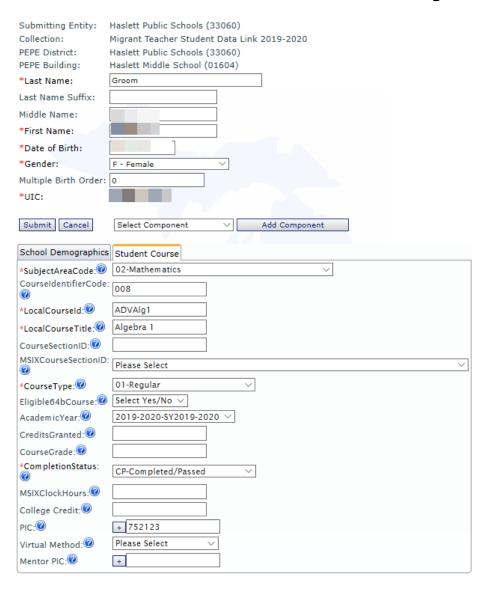


- District data TEAM
 - Includes REP and MSDS users
- A TOR PIC on every Course Record
 - No PIC on Dual Enrollment/College Credit
- Accurate REP Assignment data critical for alignment
- Data Quality checks for TSDL will include REP data
 - This ensures that teachers are correctly connected between systems

Collection Timelines



TSDL Student Course Component



Pupil Accounting Manual

Teacher of Record:

- The teacher of record is an instructor who is responsible for providing instruction, determining instructional methods for each pupil, diagnosing learning needs, assessing pupil learning, prescribing intervention strategies, reporting outcomes, and evaluating the effects of instruction and support strategies. As Section 1231 of the Revised School Code (MCL 380.1231) applies, the teacher of record shall be employed by the district.
- Assignment Code: Content specific (000AX-00599)

Mentor:

- A professional employee of the district, who monitors the pupil's progress, ensures the pupil has access to needed technology, is available for assistance, and ensures access to the teacher of record. A mentor may also serve as the teacher of record if the mentor meets the definition of a teacher of record.
- Assignment Code: 00379- Virtual Mentor
- MDE Permits and Placement (michigan.gov)

Instructional Staff and Educators

- Public Act 165 of 2020 amended the definition of "class" to include grade level and content endorsements:
 - Appropriately placed educator must be assigned as the TOR for each course claimed for FTE credit
 - TOR must be reported with the content specific assignment code in REP collection for each district claiming student FTE for the courses.
- Virtual courses may require Virtual Mentor
- The June 10 Michigan Department of Education Memo details requirements and FAQs.

Who is the Teacher of Record?

Day-to-Day Subs

- Less than 90 days and filling in for an assigned teacher
- 00SUB

Long-Term Placements

Report as Teacher of Record

TOR REP:

 Field 10 content specific assignment code for EACH course (000AX-00599)

TOR TSDL:

- PIC of TOR required for each Student Course
- Exception- Dual Enrollment

Tips for Success- Fall REP Submission

- Utilize Crosswalk locally for each term/semester
- Review Fall REP data for assignment accuracy
 - Recommended Report: Detailed Assignment Code Summary Report
- Ensure all new staff have been appropriately entered
 - Recommended Report: New, Existing, Terminated Staff Report
- Ensure leave codes are appropriately updated
- Ensure all contracted staff are included in your report

Tips for Success- EOY Reporting

- Submit TSDL data early in the reporting window
 - Recommended Report: TSDL Student Roster report for comparison to REP submission
- Submit EOY REP data early in the reporting window
 - Recommended Report: Detailed Assignment Code
 Summary review for accuracy of assignment codes and
 full staff reporting
 - Ensure all classes the teacher was acting as TOR for are reported
- Review and share TSDL and REP Best Practices

Data Quality Checks

Employee Level:

- TOR not reported in REP
- TOR terminated prior to SY
- TOR only reported as on Loan/Leave

Assignment Level:

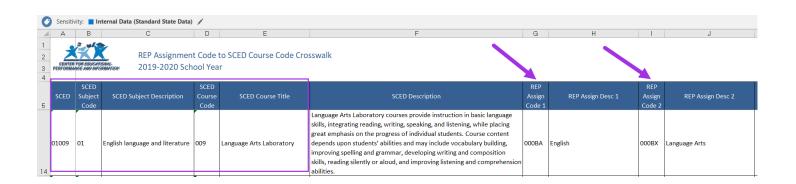
- TOR in TSDL, not in REP
- Mentor in REP, not a Mentor in TSDL
- Mentor in TSDL, not a Mentor in REP

Course to Assignment Level:

 SCED does not match on subject or course to REP Assignment Code

Pro-Tip: Start Early!

- Completing and reviewing the REP Crosswalk prior to the Fall REP submission will create better alignment without effort at TSDL submission
- Alignment review can be completed prior to TSDL submission to avoid issues
- Take advantage of ALL DQ cycles to avoid reopens



Example of Alignment

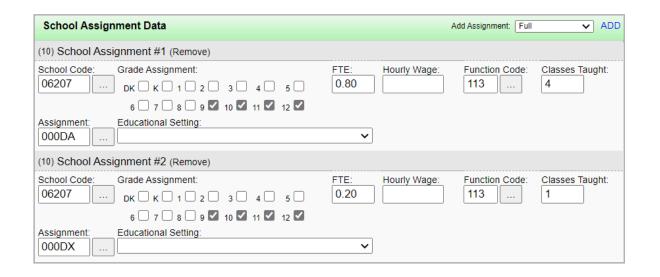
- A student is taking Environmental Science at the high school
- The teacher instructs 4 classes of Environmental
 Science and 1 class of Energy and the Environment
- Use the REP Crosswalk to determine the appropriate SCED and Assignment

Example: Crosswalk

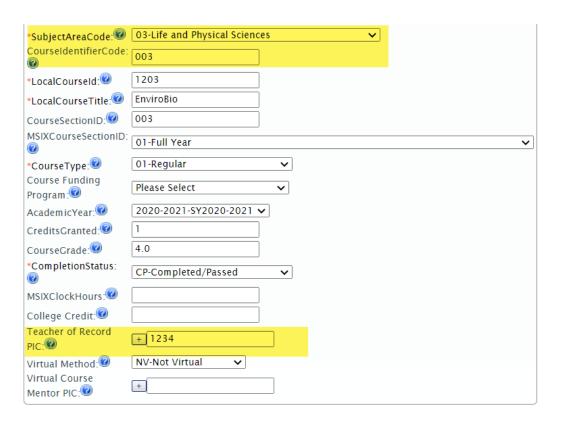
SCED	SCED Subject Code	SCED Subject Description	SCED Course Code	SCED Course Title	SCED Description	REP Assign Code 1	REP Assign Desc 1
					Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships		
03003	03	Life and Physical Sciences	003	Environmental Science	following subjects: photosynthesis, recycling and regeneration,	000DA	Biology
-					ecosystems, population and growth studies, pollution, and conservation of natural resources.		
					Energy and the Environment courses expose students to the scientific principles associated with energy transformation, collection, extraction,		
03012	03	If it and Physical Sciences 1012 Energy and the Environment 1	transmission and storage. Course content may emphasize energy's significance in society and the effects of its use on the environment.	000DX	Science		
					Topics may include the distribution, availability, patterns of use, and environmental impacts of energy resources.		

Example: REP Assignment

PIC: 1234

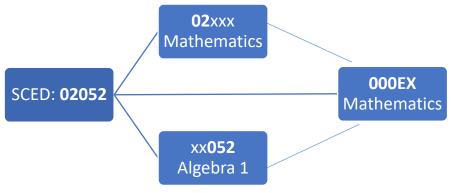


Example: Student Course



Course to Assignment Checks

- School Course for Exchange of Data does not match on subject to REP Assignment Code
- SCED does not match or course to REP Assignment Code



- How to Validate:
 - Use the Crosswalk
 - TSDL- Student Roster Report
 - Filter to either SCED or PIC
 - REP- Detailed Assignment Code Summary
 - TOR should be reported with recommended assignment in Fall and/or EOY REP

Questions?



REP System Reports

- Available for current and previous submissions
- Reports are available in PDF, Excel and View Direct format
- Reports can be saved locally or printed for historical reference
- Review of reports to perform high level checks
 - Use of local system and info
- Data quality checks can be validated

Reports

To view a report or download personnel data, select from the following options:

- · Complete Summary by District
- Download REP Data File
- · Employee Listing by District
- · REP Submission Reports

Help Us, Help You- Data Quality

District Level:

- No Staff or High Count of Staff at Admin Unit (00000)
- No Superintendent Reported (70x00)
- EE Related (All Teachers/Admin Highly Effective, etc.)
- Termination Codes

Building Level:

- No Instructional Staff at School
- No Staff at Open Building
- Building Code in Other District
- Staff Reported w/ Grade not in EEM
- No Principal Reported (73x01)
- K-8 w/out Library Media and/or PE/Arts

Help Us, Help You- Data Quality Cont.

Individual Level:

- Assignment Code and Grade/Ed
 Setting do not match
 - For example: Early Childhood Assignment with Grades 5, 6, 7
- Highest Educational Level not Bachelor's Degree (for instructional staff)
- Persistently Invalid Credential
- 000ZG w/ <1 Class Taught



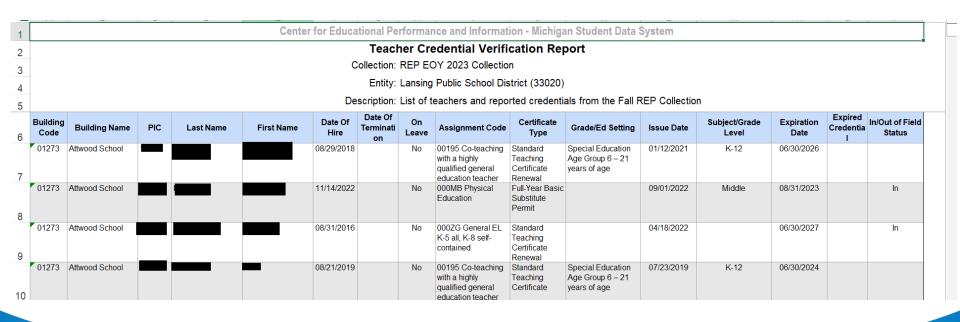
Before Certifying, Have You...

- Cleared all record errors, and updated all existing records
- New staff, terminations, leave codes updated
- Reviewed the Detailed Assignment Code Summary for:
 - FTE/Headcount by building
 - Instructional Staff have ALL content areas reported
- Run Personnel Assigned to School/Facility in Another District Report
- Reviewed DQ alerts
- Add, terminate, update Vacant Positions

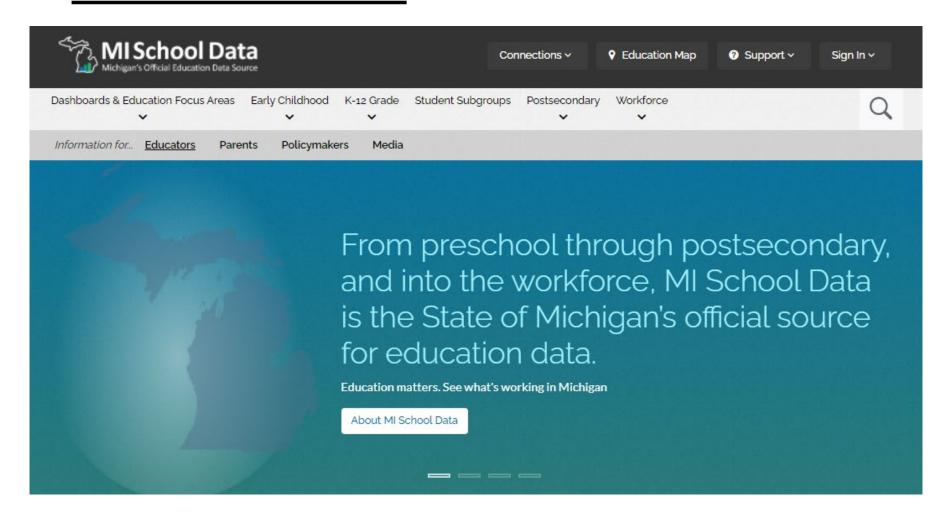
Detailed Assignment Code Summary FALL		
Haslett Public Schools (33060)	Total Assignments	Total FTE
□ Central Administrative Unit (00000)	286	56.90
⊞ Haslett High School (06207)	104	72.63
□ Haslett Middle School (01604)	92	64.41
☐ General Education Core Academic Subject Areas	42	30.60
⊞ 000BA - English	7	5.00
⊕ 000BX - Language Arts	2	1.40
⊕ 000DA - Biology	1	0.80
⊕ 000DI - Integrated Science	1	0.80
⊕ 000DX - Science	6	5.00
⊕ 000EX - Mathematics	7	6.00
⊕ 000FA - French	1	0.60
⊕ 000FF - Spanish	2	0.80
⊕ 000JX - Music Education	4	2.40
⊕ 000LX - Visual Art	2	0.60
⊕ 000RX - Social Studies	9	7.20
■ Special Education Core Academic Subject Areas	3	2.60
⊞ Instructional Staff	24	9.40
■ Paraprofessional/Aide Staff	10	9.31
	2	2.00
■ Noninstructional Staff	11	10.50
⊞ Michigan Virtual School (02929)	56	8.40
⊞ Murphy Elementary School (01530)	50	40.50

Teacher Credential Verification

- Available within MSDS- Audit FTE menu
- Assignment Code and Assignment Code Description
- Determine appropriate placement and ensure no audit findings



MI School Data

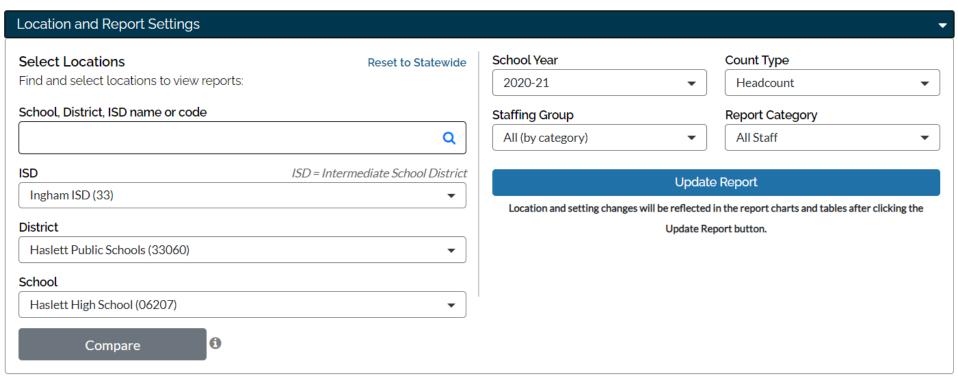


K-12 Grade \gt Staffing \gt Staffing Count

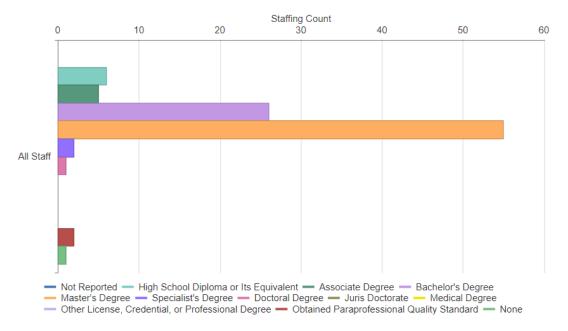


Staffing Count

▶ About this Report



Report: 2020-21 Headcount All (total) Highest Education Level



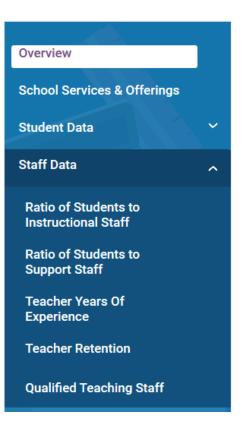
Location \$	School Year \$	Staffing Group \$	Report Category \$	Staffing Count (Headcount) 🍣	Percent of Total ▼
Haslett High School (06207)	2020-21	All Staff	All Staff	98	100.0%
Haslett High School (06207)	2020-21	All Staff	Master's Degree	55	56.1%
Haslett High School (06207)	2020-21	All Staff	Bachelor's Degree	26	26.5%
Haslett High School (06207)	2020-21	All Staff	High School Diploma or Its Equivalent	6	6.1%
Haslett High School (06207)	2020-21	All Staff	Associate Degree	5	5.1%
Haslett High School (06207)	2020-21	All Staff	Specialist's Degree	2	2.0%
Haslett High School (06207)	2020-21	All Staff	Obtained Paraprofessional Quality Standard	2	2.0%
Haslett High School (06207)	2020-21	All Staff	Doctoral Degree	1	1.0%
Haslett High School (06207)	2020-21	All Staff	None	1	1.0%

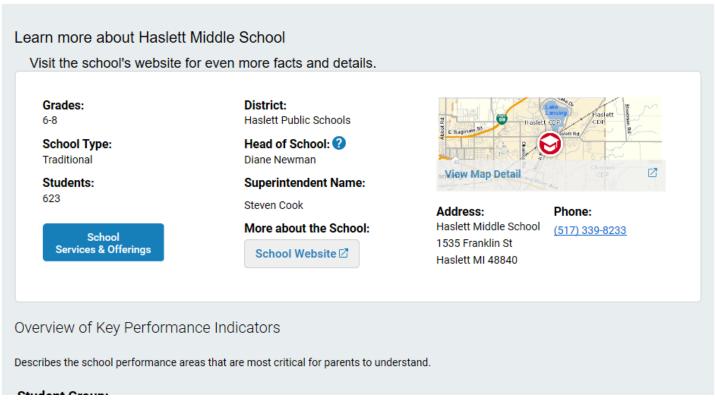
Parent Dashboard for School Transparency

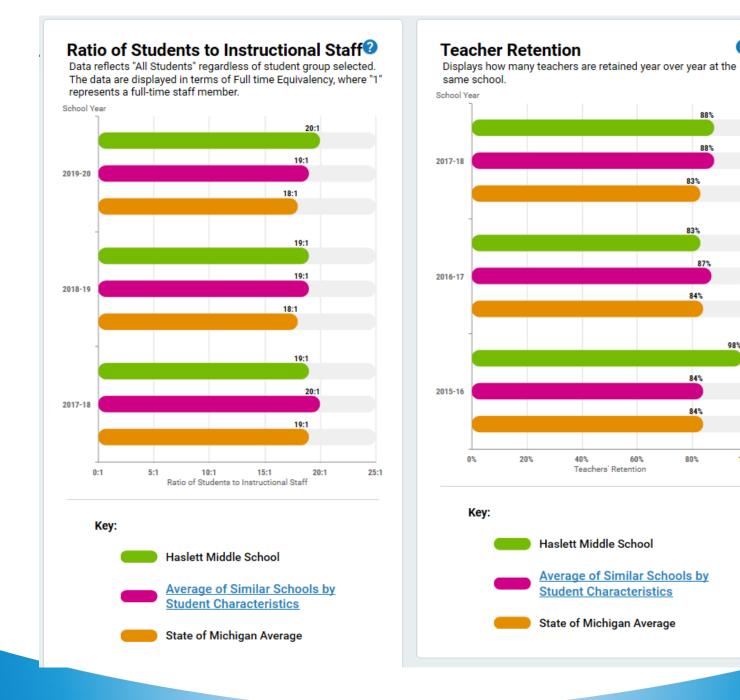
Haslett Middle School: Overview











88%

83%

87%

84%

84%

80%

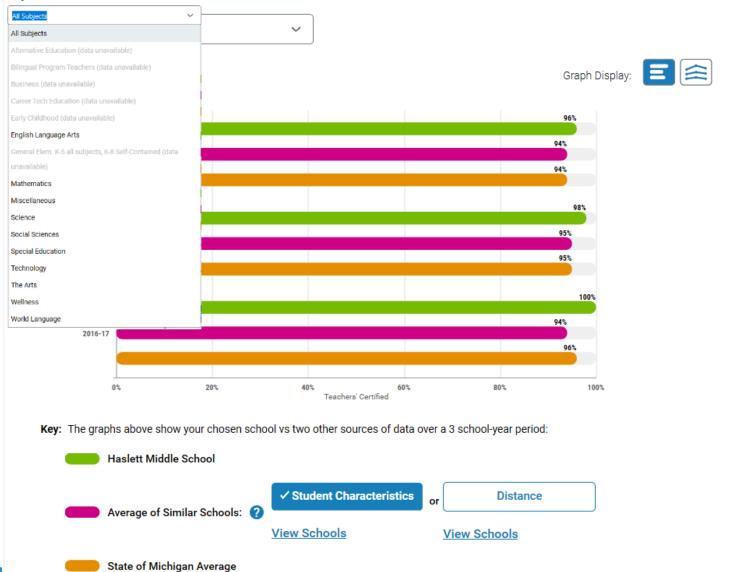
98%

100%

Qualified Teaching Staff

Percentage of teachers, by content area, who are certified to teach the assignment they are teaching.

Subject Area:

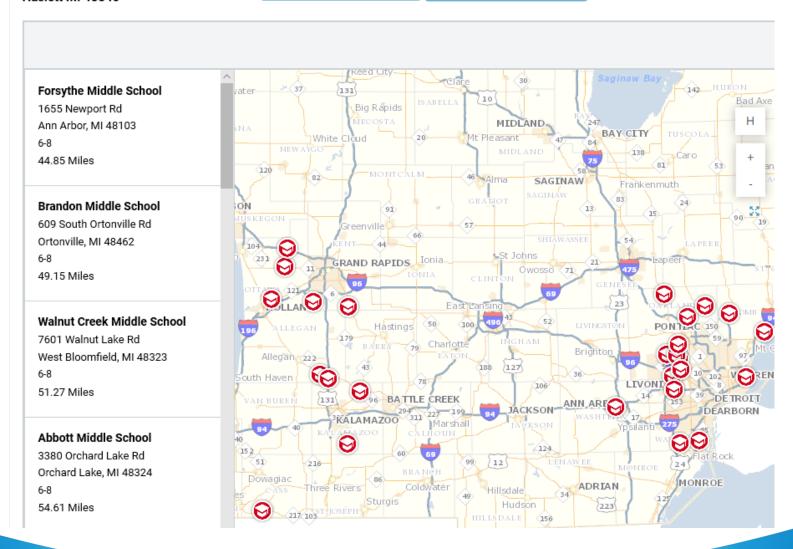




selected school: Haslett Middle School 1535 Franklin St Haslett MI 48840

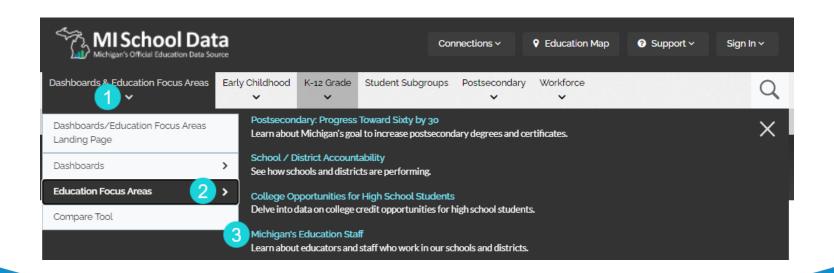


Distance



New Reports: Education Staff Focus Area

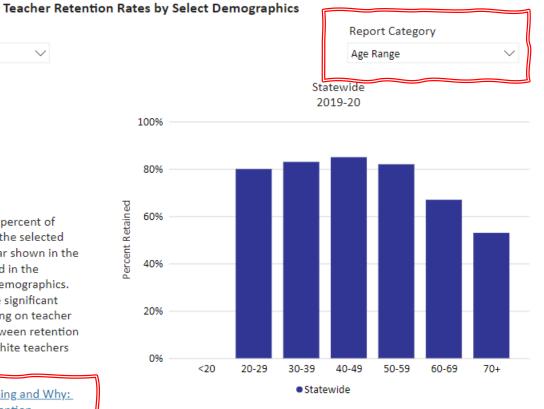
- Links to research-based resources
- Connecting Student with Educators/Support Staff
 - Retention, Mobility, etc.
 - Report categories related to Age-Range, Gender, Race/Ethnicity, District Poverty Indicators



Select a Location Statewide 82% Retention rate of all teachers

The retention rates in this chart show the percent of teachers who remained employed within the selected district from the prior year. The school year shown in the chart represents the prior year that is used in the calculation. Retention rates vary among demographics. Both nationally and in Michigan, there are significant differences in the retention rates depending on teacher race/ethnicity. However, the disparity between retention rates for Black or African American and White teachers is greater in Michigan than nationwide.

For more information: Who Stays in Teaching and Why: A Review of the Literature on Teacher Retention.

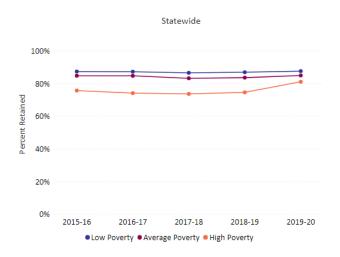


Teacher Retention by Poverty Status

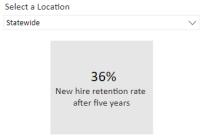


Teacher retention in high- and low-poverty schools **0** can be compared using this chart. Retention in high-poverty schools can be challenging due to fewer classroom resources, heavier teacher workload, reduced ability for parents to provide support, inexperienced administrators, academic inequity, and larger class size. Teachers more often cite lack of administrator support when leaving high-poverty schools, whereas teachers leaving low-poverty schools more often cite low salary. Teachers often move to low-poverty schools when the opportunities arise. This contributes to students in high-poverty areas being more likely to have less-experienced or underqualified teaching staff, and creates a less stable environment for students.

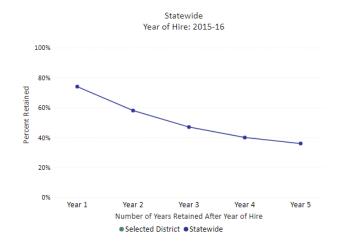
For more information: Addressing Urban High-Poverty.
School Teacher Attrition by Addressing Urban High.
Poverty School Teacher Retention: Why Effective Teachers
Persevere.



Newly Hired Teachers: Retention Rates after Five Years of Employment



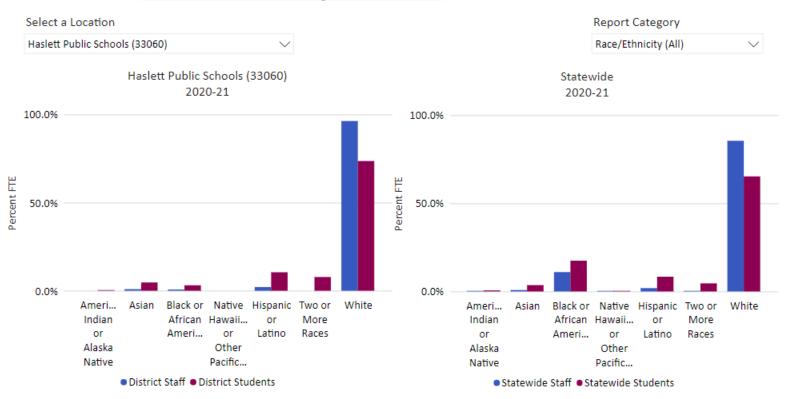
This chart is different from other retention charts in the report, as it follows teachers who were all hired in a particular year and shows their retention for each subsequent year they remain employed with the district. Other retention charts show a year-over-year retention rate, with each year's rate calculated from one year prior only. Individuals who left and returned are not included in the counts.



Race/Ethnicity of All Staff and Students: District and Statewide Comparison

Compare the race/ethnicity of a selected location with statewide data in these charts. The data show the majority of staff in Michigan are White. The racial/ethnic diversity of Michigan public school students has increased over time, and this trend is expected to continue. Research has shown that having a teacher of the same race/ethnicity can have positive impacts on a minority student's attitudes, motivation, and achievement. For example, researchers have found significant impact on standardized test scores for Hispanic/Latino and Black/African American students when taught by teachers of the same ethnicity. Diversity of all kinds improves problem-solving and performance among teams, and increased diversity in schools better prepares students for participation in the global economy.

For more information: Racial Characteristics of the Michigan Teacher Workforce.



More to Come!

- MICIP will include Staffing reports
- As the MI School Data portal continues to grow you will continue to see additional reports utilizing staffing data
- If you have suggestions for reports, contact CEPI
- If you have questions about reports already produced, contact CEPI

Questions

- Robert Hovenkamp, Staffing Data Analyst
 - hovenkampR@michigan.gov
- CEPI Customer Support
 - o CEPI@michigan.gov

Thank You.



Education matters. Discover what's working in Michigan.



