Early Middle College

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MPAAA Fall Conference EMC Training Session

September 2019

Objectives

- Overview of Early Middle College Basics
- EMC Policy
- Guiding Principals
- EMC Structures
- Important Timelines
- EMC Data Team
- Required Reporting
  - EEM: Entity level
  - MSDS: Student level
  - TSDL: Course level
- Reports and Tools

What is an Early Middle College?

- An EMC is an MDE approved 5-year program of study
- Allows pupil to earn a high school diploma while earning college credit from a community college
- EMCs must have a formal agreement with at least one MI public or private college or university
- Formal agreements must be maintained with all postsecondary partners and MDE

What is an EMC Continued

- An early middle college high school means a stand-alone public high school, where 100% of the pupils are enrolled as EMC pupils.
- An early middle college program is a high school program designed to serve less than 100% of the high school population. An early middle college consortium program is comprised of multiple school districts with one coordinating agency.

Early College Design Principles

1) College-Focused Academic Program

2) Comprehensive Student Support

3) Dynamic High School/College Partnerships

4) Culture of Continuous Improvement

Who Can Benefit Most from an EMC?

- Economically Disadvantaged Students
- First Generation College Students
- Underserved Students
- Underrepresented Students
- Underachieving Students

Graduate Outcomes for EMC Students

- Successful completion of the 5-year program allows for 60 transferable college credits towards a four-year degree from a MI public or private university
- An associate degree from a community college
- A professional certification
- The Michigan Early Middle College Association technical certificate (MEMCA)
- The right to participate in a registered apprenticeship

What is a Professional Certification

- A professional certification is any certificate or industry recognized credential in which the pupil prepared for by taking course work provided by a Michigan public or private college or university.

Example 5-year Program of Study

Must meet the Michigan Merit Curriculum Requirements

Career & College Readiness courses/supports should be included

Associates Degree

School Year	2017-2018
Program of Study	Metal Machining Technology
High School/CTE Agency	St. Clair County Technical Education Center (TEC)
State-Approved CTE Program Name	Metal Machining Technology
Secondary Program CIP Code	48.0501
PSN from CTEIS	20066
Community College	St. Clair County Community College (SC4)
Degree or Certificate	Associate in Applied Arts and Science (60/60+ credit hours)
State-Approved CTE Program Name	Engineering Technology – Precision Machining
Postsecondary CIP Code Number	15.0613

9th Grade		10th Grade	
1st Semester	**2nd Semester**	**1st Semester**	**2nd Semester**
English 9 Algebra I US History Biology Health World Language	English 9 Algebra I US History Biology Phys Ed World Language	English 10 Geometry World History Chemistry Elective	English 10 Geometry World History Chemistry Elective

11th Grade	
1st Semester	**2nd Semester**
English 11 Algebra II Government & Economics	English 11 Algebra II Government & Economics
Metal Machine Technology *VPAA **ETP 110 (4) – Machine Tools	**Metal Machine Technology** *VPAA **ETP 210 (3) – Beginning NC/CNC Programming

12th Grade	
1st Semester	**2nd Semester**
ETW 101 (1) – Basic Oxy-acetylene Welding, Cutting&Brazing **ETW 110 (1)**– Basic Shielded Metal Arc Weld **ETW 120 (1)** – Gas Metal Arc & Gas Tungsten Arc Welding **ETG 110 (2)** – Introduction to Drafting **ETP 220 (2)** – CNC Surfacing Applications	**MTH 110 (4)** – Intermediate Algebra **ETG 120 (2)** – Fundamentals of CAD **ENG 101 (3)** – English Composition I (This class covers the HS English requirement)
Metal Machine Technology * Science * World Language **ETP 120 (4) – Machine Tool, Advanced	**Metal Machine Technology** * Science * World Language

13th Grade- all classes are at SC4	
1st Semester	**2nd Semester**
ETG 130 (2) – Geometric Dimensioning and Toleranging **PS 101 (3)** – Introduction to Political Science **ETG 140 (4)** – Advanced Drafting with AutoCAD **ETM 120 (3)** – Introduction to Robotics/Automation **ETW 170 (3)** – Print Reading and Fabrication Design **ETG 230 (3)** – Tool/Die Design	**ETG 160 (3)** – SolidWorks-Product Design and Development **ETG 220 (3)** – Jig/Fixture Design **ETM 140 (3)** – Fluid Power & Control Circuits I **ENG 102 (3)** – English Composition II **ETW 270 (3)** – Fabrication **MTH 111 (2)** – Plane Trigonometry (This class covers the 4th year HS Math requirement)

EMC Policy- PAM 5GB

- School districts and ISDs must apply to the MDE to receive approval to open an EMC
- Upon approval the EMC must maintain the following documentation:
  - The 5-year program of study the pupil is working toward
  - A signed MOU with all postsecondary partners
  - The local districts Board of Education minutes showing approval of a 5-year program of study, for EMC students, that requires the successful completion of a math or math related course, that counts towards HS graduation in the 5th year
  - Pupils Educational Development Plan (EDP)
  - Copy of the transcripts or certificate student completed

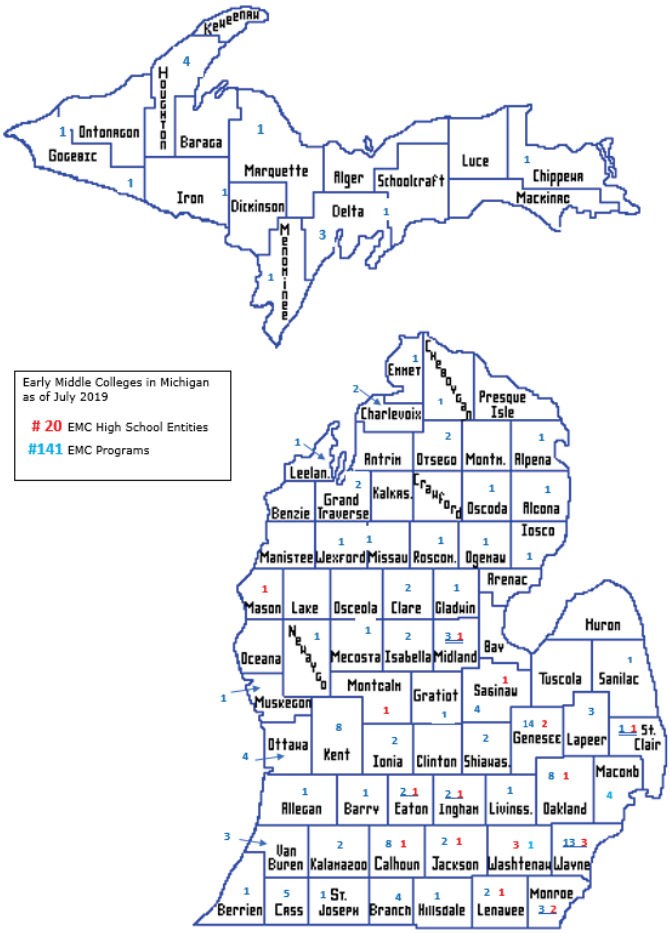
Difference Between Dual Enrollment and EMC

- Dual Enrollment courses are available to all students who meet eligibility requirements as outlined in the MDE's Dual Enrollment FAQ. Students meeting eligibility requirements can enroll in up to 10 postsecondary courses The Dual Enrollment laws do not alone prescribe a specific course of study .
- In contrast, EMCs are structured programs that use the flexibility with the Dual Enrollment laws to provide a specific and deliberately designed course of study.

Power of the Site



- Locating a school on a college campus is integral to student motivation and success
- Visible symbol to the community of dual accountability for student outcomes and academic success
- Students are treated as college students and see themselves as college completers



EMC Enrollment in Michigan

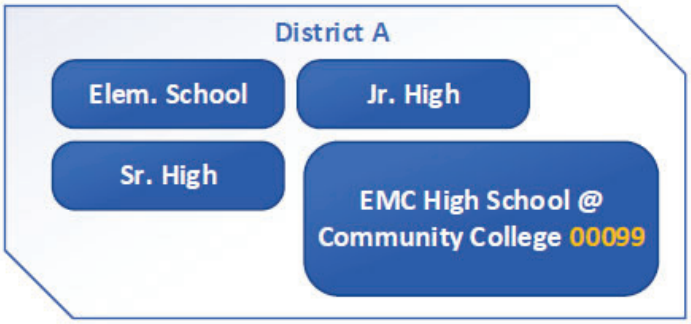
Year	Total Number of EMC Students (9-12)
2015	7,474
2016	9,162
2017	11,208
2018	12,102

Early Middle College Structures



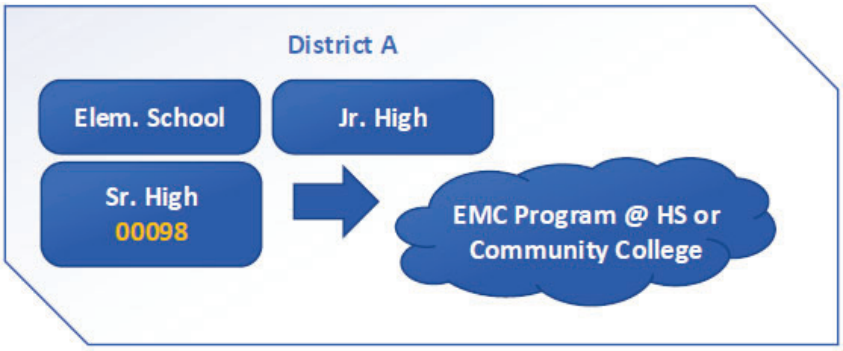
CENTER FOR EDUCATIONAL PERFORMANCE AND INFORMATION

Single District EMC School



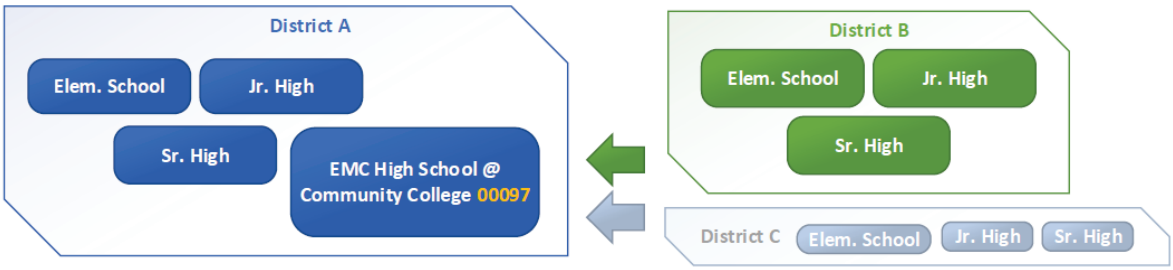
- EDP at EMC school
- All students within the school are EMC students
- Students are reported and tested at the EMC school
- EMC School is accountable school

Single District EMC Program



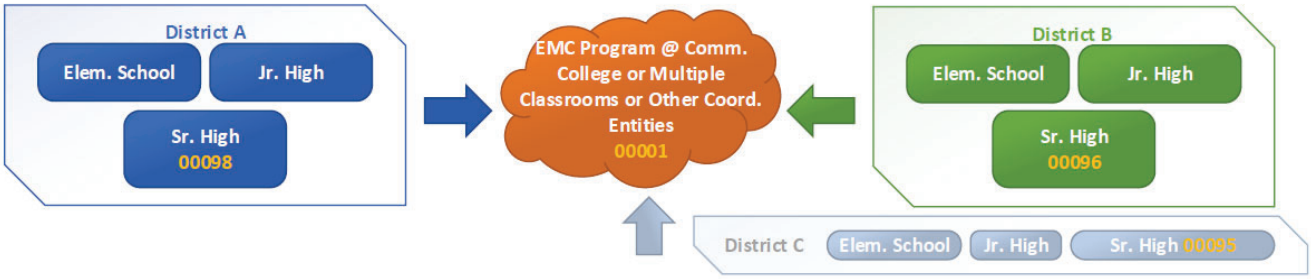
- EDP maintained at local HS
- Students from local district HS participate in EMC at the local HS
- Students are reported at the local high school
- Local high school is accountable school

EMC Consortia (2+ Districts)



- EDP maintained at EMC School
- Shared Educational Entity (SEE) status
  - Sending districts established as member districts
- Sending district reports students with EMC building
- EMC is accountable building

EMC Consortia (2+ Districts)

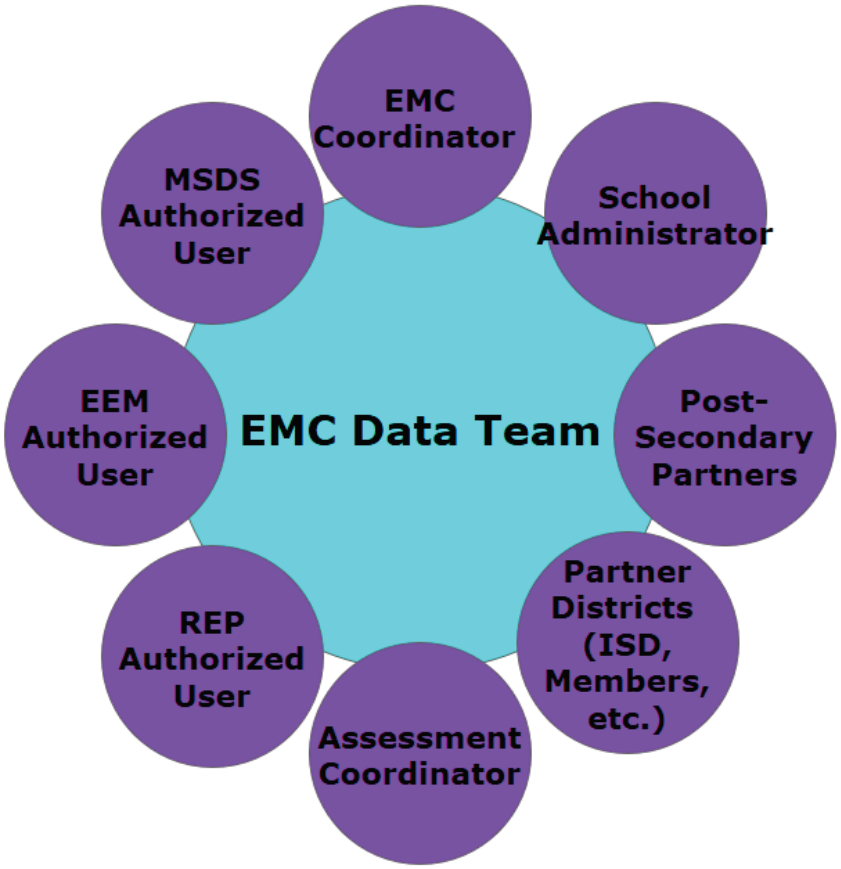


- EDP maintained at EMC School
- Specialized Shared Educational Entity (S2E2) status
  - Sending districts established as member districts
- Sending district reports students with EMC building
- Local sending high school is accountable

Required Reporting

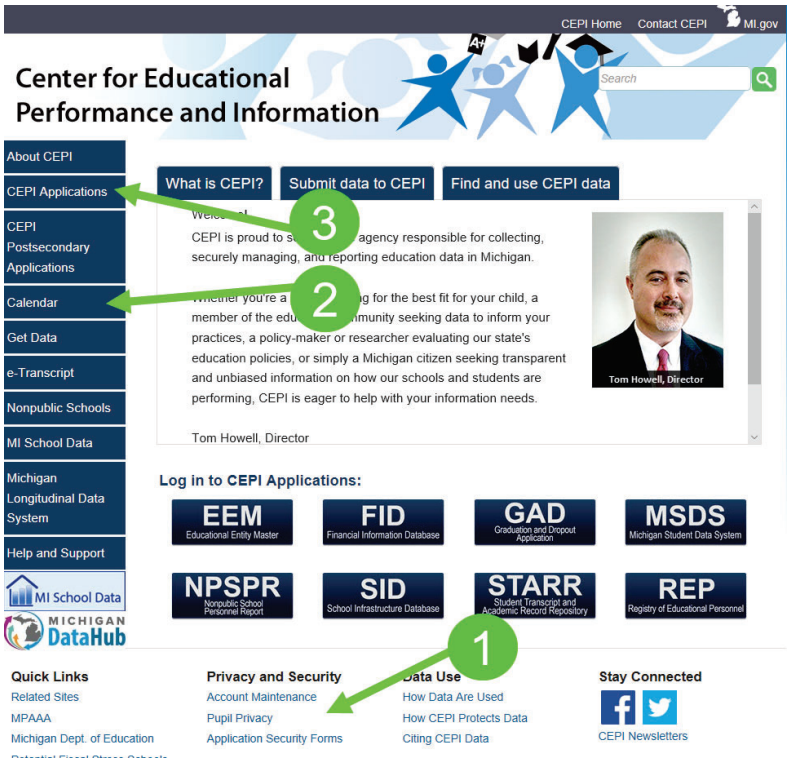


EEM: Entity level
MSDS: Student level
TSDL: Course level



Getting Started with CEPI

1. Application Security Forms and Account Maintenance
2. CEPI Calendar
3. CEPI Applications Resources



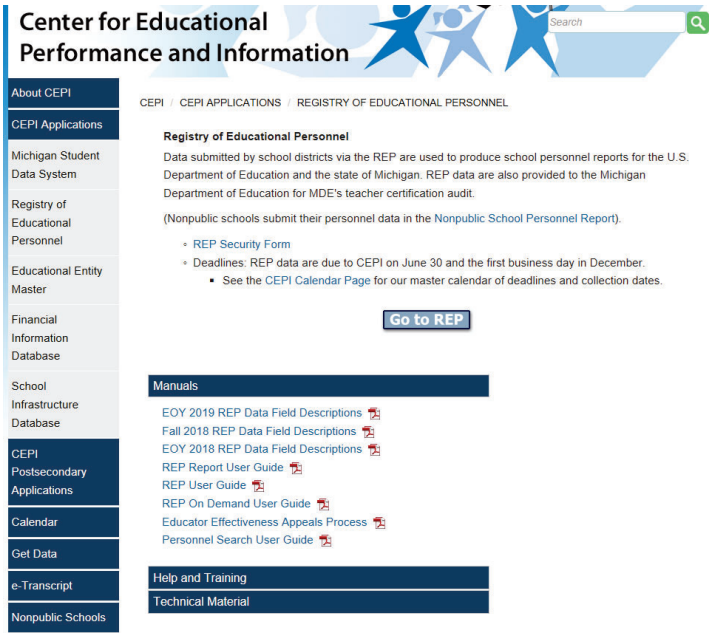
1. Application Security Forms and Access

- Each CEPI application has a separate Security Form that must be completed
- 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 or MEIS account (SID), 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

2. CEPI Calendar

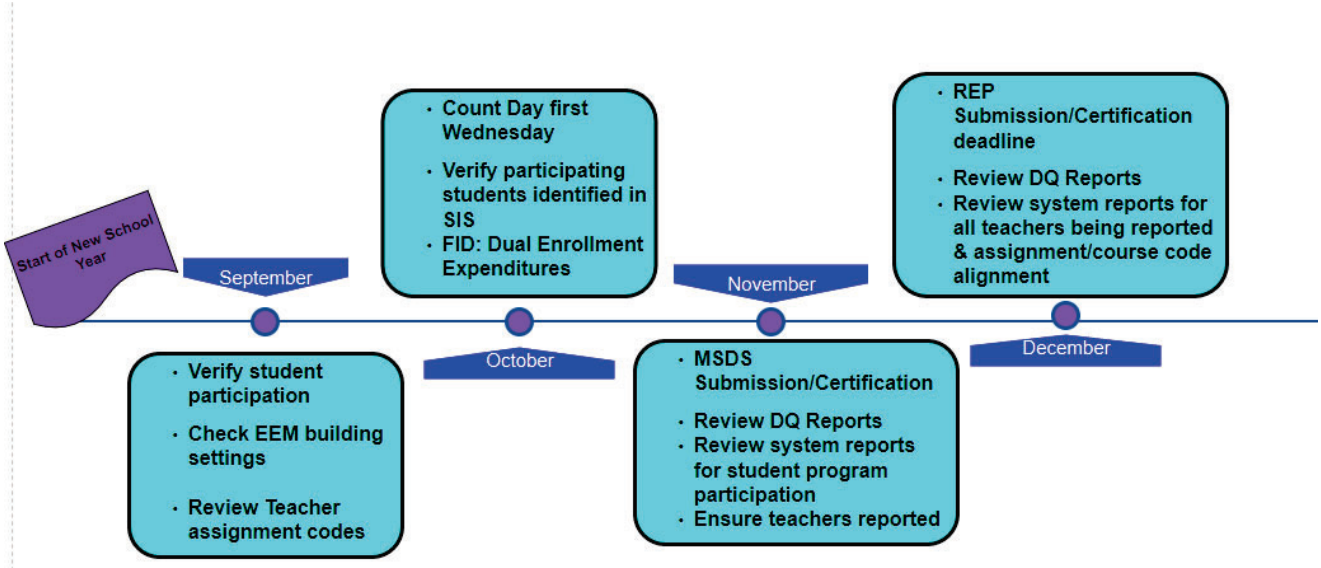


3. CEPI Application Resources

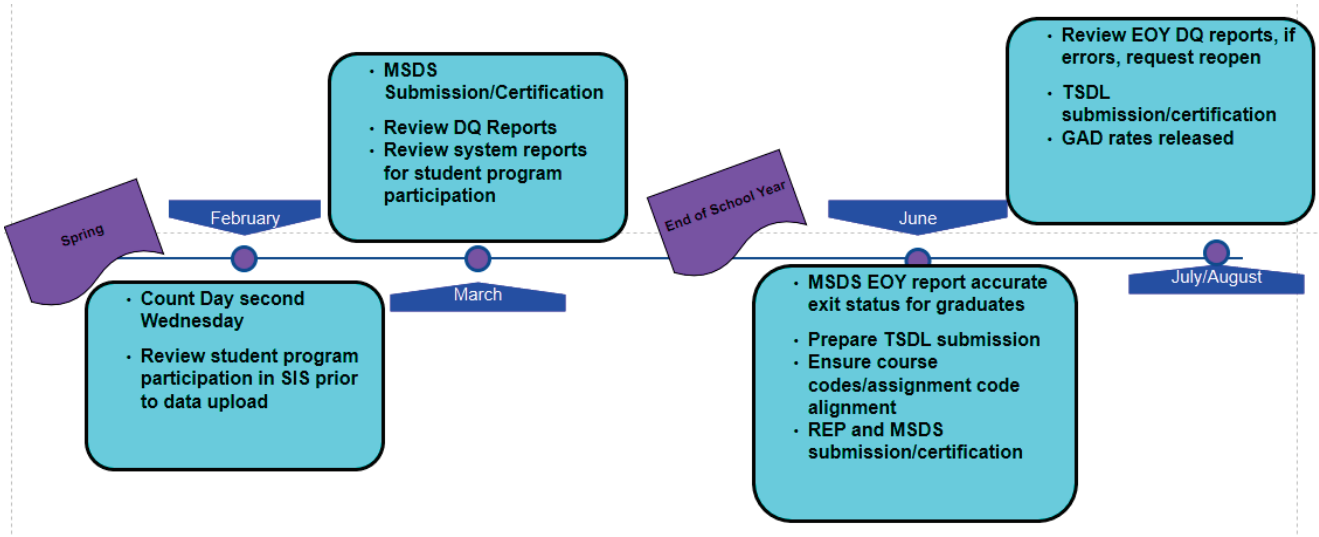


- Each application has a separate page of resources
- Manuals are posted ≈ 6 months before a collection opens
- Data element descriptions, user guides, record layout/schemas, FAQs, and so much more!

Important Timelines



Important Timelines



EEM: Entity Level Data

www.Michigan.gov/eem



Shared Time Status	Early Childhood Program Participation (Summary)
False	

Early/Middle College	Early/Middle College Type
True	Early middle college program

Shared Educational Entity (SEE) Participation	Shared Educational Entity (SEE) Subtype
Shared Educational Entity	Student Reporting Only

The Early College @ Lansing Community College (00800)
ISD School

Printer Friendly | Contact Authorized User | Points of Pride

*= Required

Official Name of Entity
The Early College @ Lansing Community College

Entity Code	ISD District
00800	Ingham ISD (33000)

Ownership	REMC Code	Agreement Number
Owned	13	330000800

County (Code)
Ingham (33)

FIPS code
26065

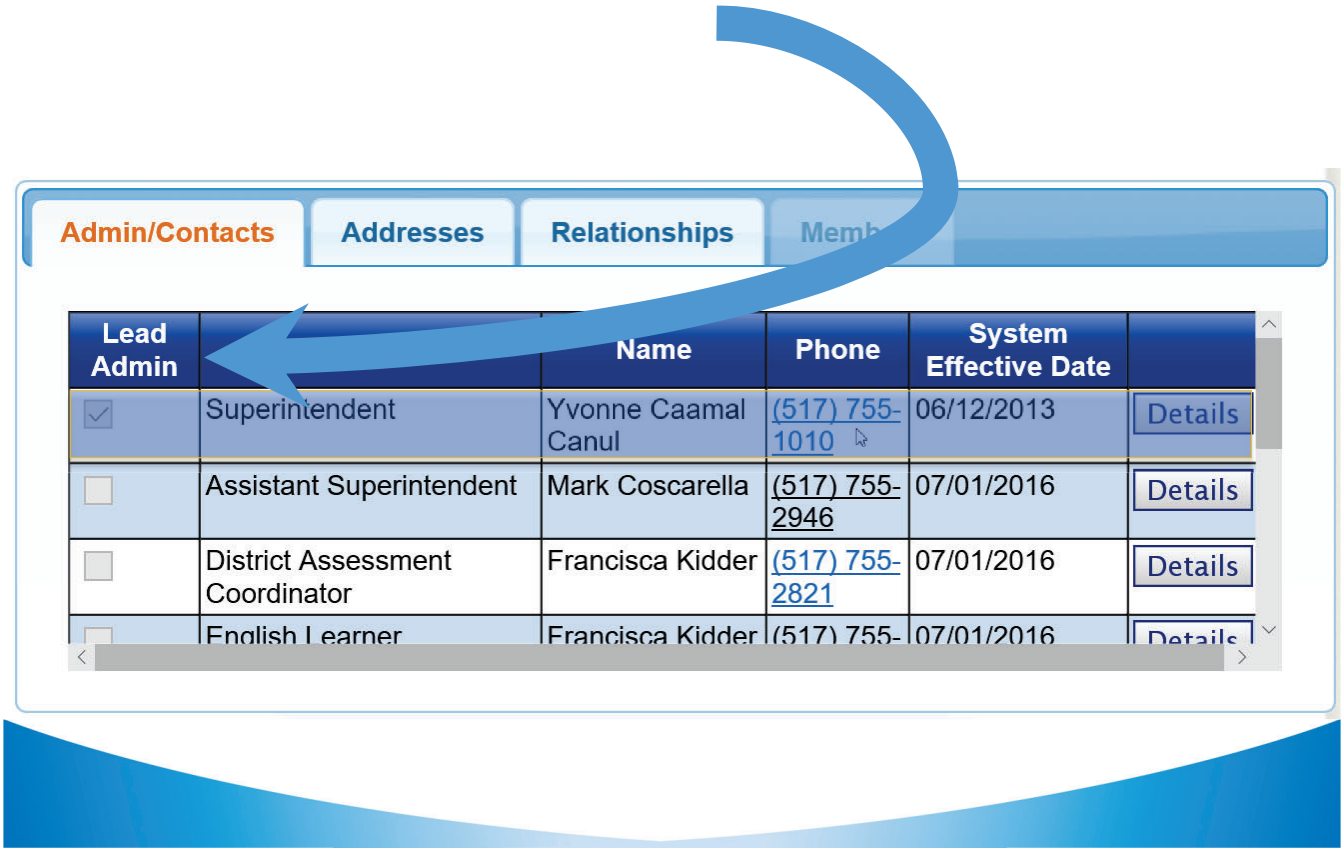
Email Address
lincolp@lcc.edu

Grades Authorize
10-12

Admin/Contacts | Addresses | Relationships | Members

Entity Name	Entity Code	Entity Type	System Effective Date
DeWitt Public Schools	19010	LEA District	07/01/2016
St. Johns Public Schools	19140	LEA District	02/01/2019
Eaton Rapids Public Schools	23050	LEA District	07/01/2016
Grand Ledge Public Schools	23060	LEA District	11/13/2017
East Lansing School District	33010	LEA District	07/01/2016
Lansing Public School District	33020	LEA District	11/14/2017
Dansville Schools	33040	LEA District	07/01/2016

While You're Here…



MSDS: Student Level Data

General Collections- REQUIRED

FALL
Count Day:
First Wednesday of October

Submission:
5 weeks after Count Day

Certification:
6 weeks after Count Day

SPRING
Count Day:
Second Wednesday of February

Submission:
5 weeks after Count Day

Certification:
6 weeks after Count Day

End of Year (EOY)
Count Day:

Submission:

Certification:
Last business day of June

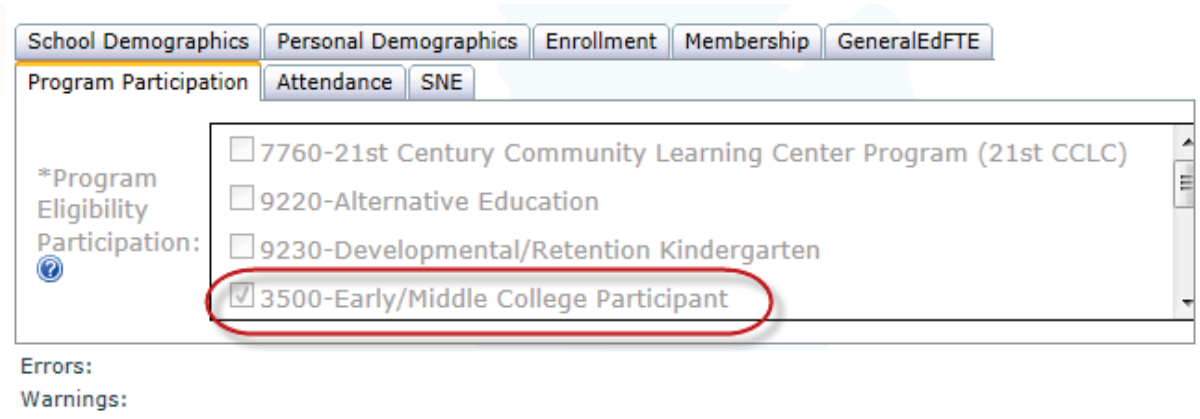
Michigan Student Data System (MSDS)

- Report students in the approved entity providing EMC educational services

  ✓High School Entity
  ✓Program
  ✓Shared Educational Entity (SEE)
  ✓Specialized Shared Educational Entity (S2E2)

Michigan Student Data System (MSDS)

- Program Participation Code



Michigan Student Data System (MSDS)

- Will receive student-level error if entity is not flagged as Early Middle College in EEM



Michigan Student Data System (MSDS)

- Steps for fixing the error:
  - ✓ Verify that the school/facility number is correct
    - ✓ Ensure if you are reporting for a SEE or S2E2 that building will be marked as EMC, not the local HS
  - ✓ Verify that the entity is correct in EEM
  - ✓ CEPI customer support

Michigan Student Data System (MSDS)

- When should a student be reported with the EMC code?
  - ✓ When he/she enrolls in the first course on an EMC plan
  - ✓ **Must** be reported by fall of the student's junior year*
  - ✓ Do **NOT** wait until the student's junior year to report

*Beginning Fall 2020 new EMCs will not be allowed to code seniors 3500 for the first time

Michigan Student Data System (MSDS)

- Incorrect Reporting Can Adversely Affect a Student's Cohort Year
  - ✓ Report EMC code in Program Participation ***EVERY*** time
  - ✓ Program Code is the trigger to added cohort year

Michigan Student Data System (MSDS)

- **Certification Rule 100.54**
  - Sends a warning if a student who was reported in a prior Collection with code "3500" is not reported in the current Collection with code "3500"

Michigan Student Data System (MSDS)

- Graduation Exit Status Codes for EMC Participants

  40 Graduated from a Middle College with ***both*** a high school diploma and an Associates Degree or other advanced certificate

  41 Graduated from a Middle College with ***only*** a high school diploma

Michigan Student Data System (MSDS)

- Reporting the "5th Year"
  - ✓ Report Program Participation code
  - ✓ Report in grade 12
  - ✓ Any grade other than 12 is considered a retention year

Michigan Student Data System (MSDS)

- **Certification Rule 100.53**
  - Sends a warning if an EMC participant is reported twice in grades 9-11
  - Only grade 12 twice will exclude EMC students from the retained in grade report

Michigan Student Data System (MSDS)

What about the kid who…

- Isn't done with EMC plan by end of 5th year
  - When is their birthday?
  - Do they want to continue?



Michigan Student Data System (MSDS)

What about the kid who…

- Changes their mind and wants to graduate with their original cohort?
  - Credits?
  - Graduate before September 1





Claiming More Than 1.0 FTE for EMC Students

- A pupil enrolled in a middle college may be counted for more than a total of 1.0 FTE if **all** of the following requirements are met
- The pupil is enrolled in more than the minimum number of instructional days (180) and hours (1,098)

Claiming More Than 1.0 FTE for EMC Students

- The pupil is expected and on-track to complete the 5-year program with a high school diploma, **and** at least 60 transferable college credits or an associate's degree

Claiming More Than 1.0 FTE for EMC Students

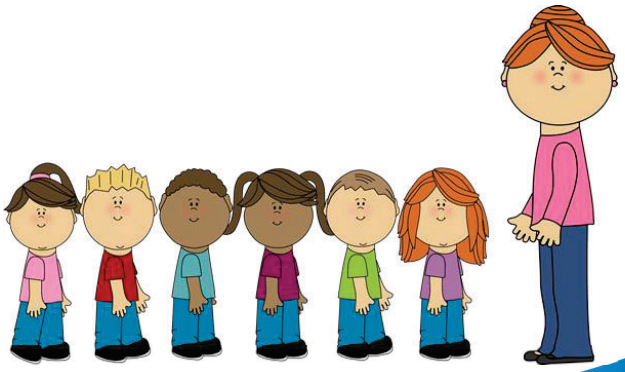
- The membership is exceeded due to the pupil's enrollment in courses specified as part of the Early Middle College program

Claiming More Than 1.0 FTE for EMC Students

- Membership calculated on the total number of hours enrolled over 1,098
- The district may use the equivalency rules stated in, Section 3 of the PAM under 'Calculating Instructional Hours,' to convert postsecondary course credits to high school instructional hours

TSDL- Student Course Level Data

- 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



TSDL- REQUIRED*

General TSDL

Opens:
Early May

Certification:
End of July

Migrant

Opens:
Mid-September

Certification:
Within 10 Days of entering or exiting the district

Required Populations:
- Dual Enrollment
- Early Middle College
- Advanced Placement
- International Baccalaureate
- Virtual/Online Learning
- Shared Time Students (Requires full Student Roster to be submitted)
- Migrant

*Only required if you have students in one of the required student populations.

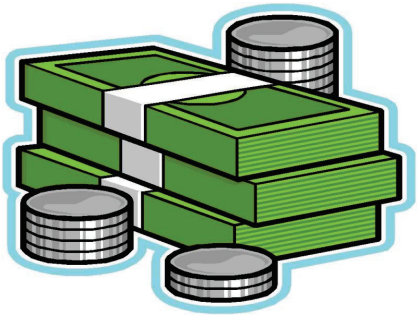
Reporting Course Information (TSDL)

Student Course Component

- Course Type
  - "07" – Dual Enrollment
- Subject Area Code "00" (Only for CTE courses)
- High School Credit Granted
- College Credit Attempted
- Eligible64bCourse –yes/no flag to claim 64b funding

64B Dual Enrollment Incentive

- Funds tied to Dual Enrollment participation
- $10/credit hour up to 3 hours
- $30 for successful completion
- 1 course/year/student
- Identified in TSDL with Course Type 07-Dual Enrollment and 64B Eligible Characteristic
  - If multiple Dual Enrollment courses are reported, CEPI will identify the record that will generate the most funds



Data Quality Reports

- MSDS General Collections:
  - Entities identified as EMC with Zero EMC Students Reported
- TSDL:
  - No Dual Enrollment Courses for EMC students
  - Students with Only One Course Reported
  - No Courses Reported for EMC Students
  - Schools with No Courses Reported
  - Student Count Comparison

Specialized Data Quality

- REP/TSDL
  - Teacher Reported in TSDL was not Reported in Either REP Collection
  - Teacher Reported in TSDL was Terminated Prior to the Start of the School Year in REP
  - Teacher Reported in TSDL was Only Reported as On Leave in REP
  - TSDL SCED Subject Area Code Does Not Align With Assignment Codes Reported in REP
  - TSDL SCED Course Code Does Not Align with Assignment Codes Reported in REP
  - Teacher Reported in TSDL was Not a Teacher in REP
- TSDL/FID
  - Per-Pupil Dual Enrollment Tuition and Fees

Postsecondary Data Collection

STARR

- High School Student (EMC, Dual Enrollment, Concurrent Enrollment)
- Course Title, Course Number, Course Subject Abbreviation, Course CIP Code
- Credits Attempted and Credits Earned
- Program Name, Program Type, Program CIP Code

Data Quality Reports CEPI Runs

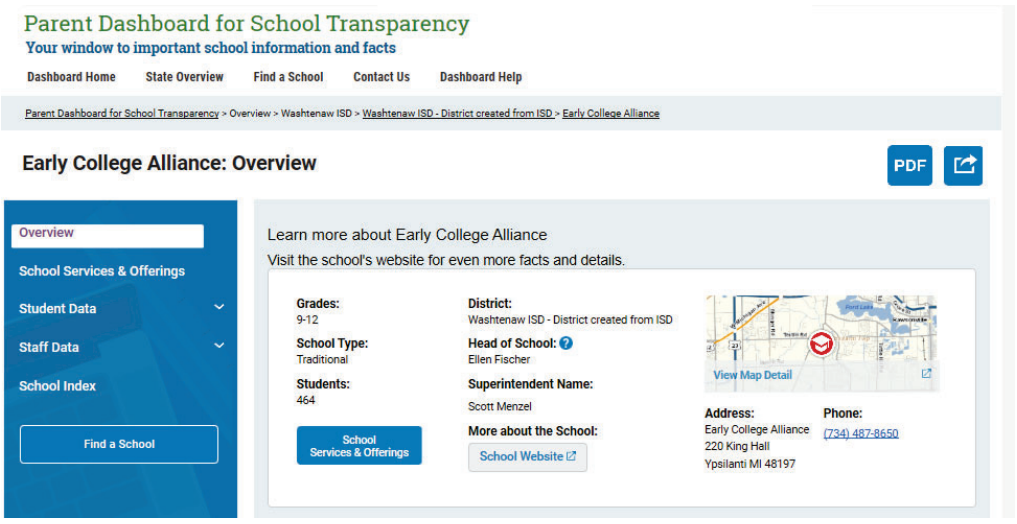
STARR:

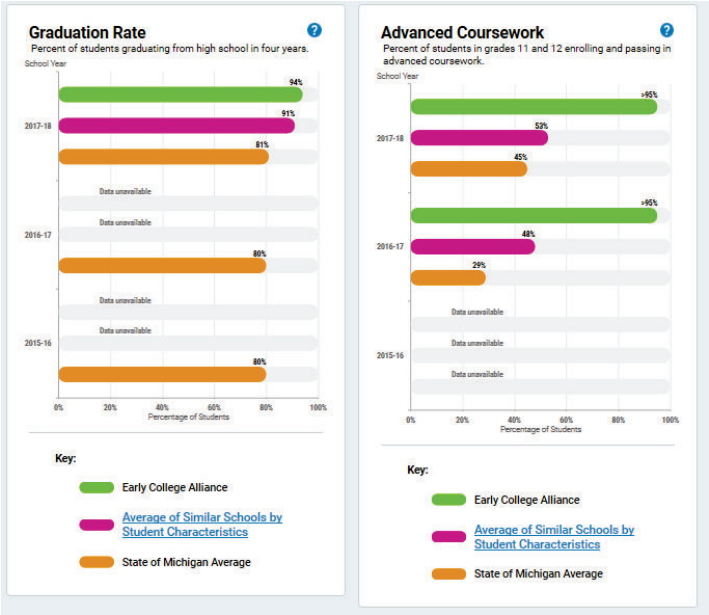
- Students reported as EMC but not in STARR
- Student course records in TSDL compared to STARR

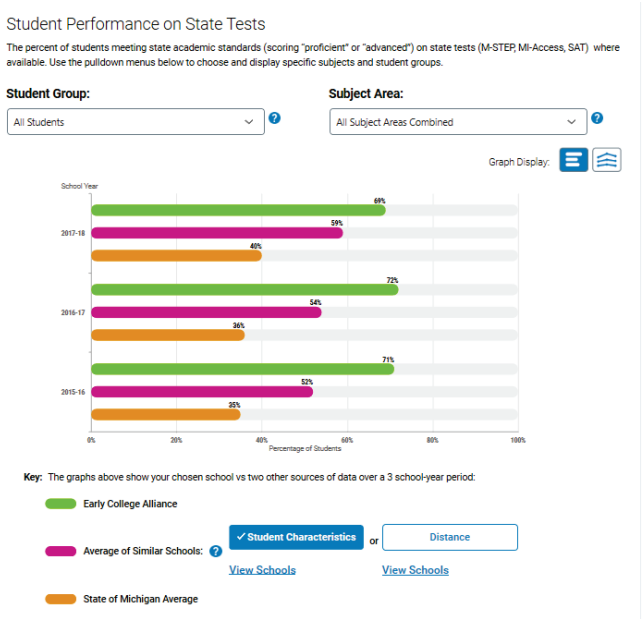
MI School Data

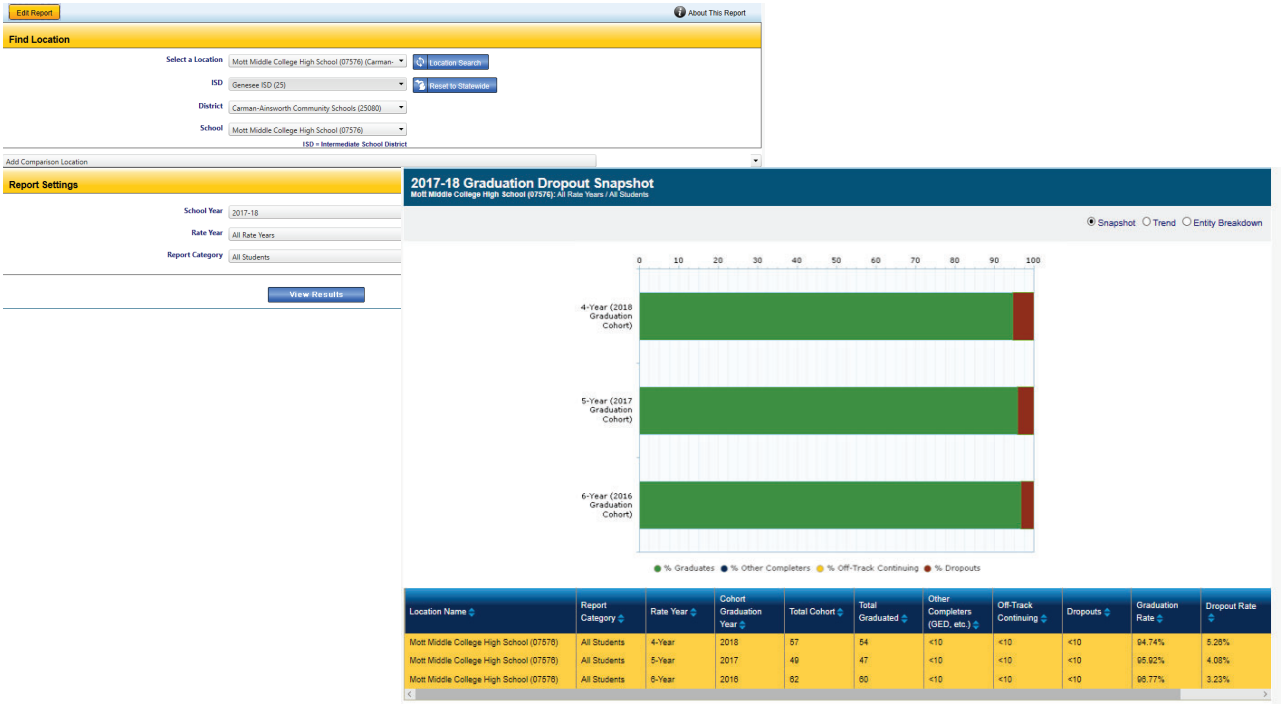
- SoM's official public portal for education data to help citizens, educators and public policy makers
- Offers multiple levels and views for statewide, ISD, district, school and college level information
- Data are presented in graphs, charts, trend lines and downloadable spreadsheets
- Includes Early Middle College data

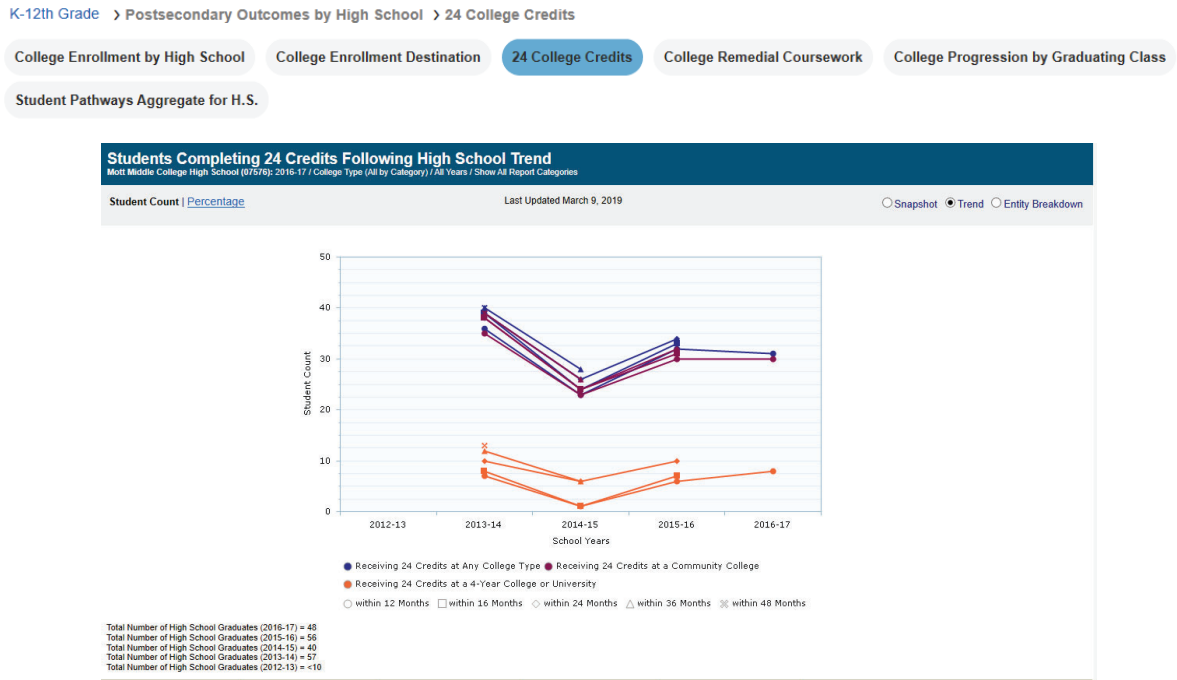
MI School Data




Graduation Rate
Percent of students graduating from high school in four years.
School Year
2017-18
2016-17
2015-16
94%
91%
81%
Data unavailable
Data unavailable
80%
Data unavailable
Data unavailable
80%
0%
20%
40%
60%
80%
100%
Percentage of Students
Key:
Early College Alliance
Average of Similar Schools by Student Characteristics
State of Michigan Average
Advanced Coursework
Percent of students in grades 11 and 12 enrolling and passing in advanced coursework.
School Year
2017-18
2016-17
2015-16
>95%
53%
45%
>95%
48%
29%
Data unavailable
Data unavailable
Data unavailable
0%
20%
40%
60%
80%
100%
Percentage of Students
Key:
Early College Alliance
Average of Similar Schools by Student Characteristics
State of Michigan Average


Student Performance on State Tests
The percent of students meeting state academic standards (scoring "proficient" or "advanced") on state tests (M-STEP, MI-Access, SAT) where available. Use the pulldown menus below to choose and display specific subjects and student groups.
Student Group:
All Students
Subject Area:
All Subject Areas Combined
Graph Display:
School Year
2017-18
2016-17
2015-16
69%
59%
40%
72%
54%
36%
71%
52%
35%
0%
20%
40%
60%
80%
100%
Percentage of Students
Key: The graphs above show your chosen school vs two other sources of data over a 3 school-year period:
Early College Alliance
Average of Similar Schools:
Student Characteristics
or
Distance
View Schools
View Schools
State of Michigan Average


Edit Report
About This Report
Find Location
Select a Location
Mott Middle College High School (07576) (Carman-
Location Search
ISD
Genesee ISD (25)
Reset to Statewide
District
Carman-Ainsworth Community Schools (25080)
School
Mott Middle College High School (07576)
ISD = Intermediate School District
Add Comparison Location
Report Settings
School Year
2017-18
Rate Year
All Rate Years
Report Category
All Students
View Results
2017-18 Graduation Dropout Snapshot
Mott Middle College High School (07576): All Rate Years / All Students
Snapshot
Trend
Entity Breakdown
0
10
20
30
40
50
60
70
80
90
100
4-Year (2018 Graduation Cohort)
5-Year (2017 Graduation Cohort)
6-Year (2016 Graduation Cohort)
% Graduates
% Other Completers
% Off-Track Continuing
% Dropouts
Location Name
Report Category
Rate Year
Cohort Graduation Year
Total Cohort
Total Graduated
Other Completers (GED, etc.)
Off-Track Continuing
Dropouts
Graduation Rate
Dropout Rate
Mott Middle College High School (07576) All Students 4-Year 2018 57 54 <10 <10 <10 94.74% 5.26%
Mott Middle College High School (07576) All Students 5-Year 2017 49 47 <10 <10 <10 95.92% 4.08%
Mott Middle College High School (07576) All Students 6-Year 2016 62 60 <10 <10 <10 96.77% 3.23%


K-12th Grade › Postsecondary Outcomes by High School › 24 College Credits
College Enrollment by High School
College Enrollment Destination
24 College Credits
College Remedial Coursework
College Progression by Graduating Class
Student Pathways Aggregate for H.S.
Students Completing 24 Credits Following High School Trend
Mott Middle College High School (07576): 2016-17 / College Type (All by Category) / All Years / Show All Report Categories
Student Count | Percentage
Last Updated March 9, 2019
Snapshot
Trend
Entity Breakdown
Student Count
50
40
30
20
10
0
2012-13
2013-14
2014-15
2015-16
2016-17
School Years
Receiving 24 Credits at Any College Type
Receiving 24 Credits at a Community College
Receiving 24 Credits at a 4-Year College or University
within 12 Months
within 16 Months
within 24 Months
within 36 Months
within 48 Months
Total Number of High School Graduates (2016-17) = 48
Total Number of High School Graduates (2015-16) = 56
Total Number of High School Graduates (2014-15) = 40
Total Number of High School Graduates (2013-14) = 57
Total Number of High School Graduates (2012-13) = <10

Questions?



We Want to Hear From You!

- EMC Data User Group Calls 10-11 a.m.
  - September 18, 2019
  - November 20, 2019
  - January 22, 2020
  - March 11, 2020
  - May 6, 2020



Questions

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Thank You.

MI School Data

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