



END OF YEAR CTE CONCENTRATOR AND PARTICIPANTS COLLECTION

Must be certified no later than Friday, June 20, 2025.
Corrections may be requested through June 30, 2025

Students identified as CTE Concentrators in this collection and graduate or drop out in the 24-25 school year must be followed up with in the second quarter of the ensuing school year (between November 1 and December 31, 2025) to determine post-school outcome. Visit the MT OPI [Career & Technical Education \(CTE\) webpage](#) for more information.

STEP ONE: IDENTIFY A CERTIFIER

End of Year CTE Concentrator and Participants Setup

PATH: Reporting>Data Certification>Type Membership Setup

1. Identify a Certifier for the En of Year CTE Concentrator and Participants Collection – Type: *CTE Data*.
2. To remove a Certifier: Select the Certifier. Uncheck Active.
3. To modify a Certifier: Select the Certifier. Toggle between Primary and Secondary.

***It is recommended that a district have only one Primary Certifier. If more than one Primary Certifier is indicated, all Primary Certifiers must certify before a collection is considered “certified”.**

STEP TWO: ENTER/UPDATE CTE CONCENTRATOR AND PARTICIPANTS DATA

PATH: Student Information>State Programs>CTE Concentrator

TIP: Use the Data Validation Group/Report *CTE Students Rostered to Courses with Pathways* to identify students who have been enrolled in CTE courses.

A. To enter a new Pathway:

1. Click New.
2. Select a Pathway.
3. Enter in In District Credits Earned or Out of District Credits Earned (will update Total Pathway Credits Earned).
4. If the total credits earned is 2 or more, CTE Concentrator should be “Yes”.
5. If any credits earned were Dual Enrollment Credits or Work Based Learning Credits, enter those amounts (credits in these two areas must also be added to In District Credits Earned and/or Out of District Credits Earned to update Total Pathway Credits Earned).
6. If the student is a single parent of their own child, change Student Single Parent to Yes (must update for every Pathway).
7. Click Save.

- B. To update an existing Pathway:
1. Review any previously entered data.
 2. To update a record, click the record to open.
 3. Add additional credits earned in the 2024-25 school year in each pathway. Credit amounts entered in In District Credits Earned or Out of District Credits Earned will update Total Pathway Credits Earned.
 4. If the total credits earned is 2 or more, CTE Concentrator should be "Yes".
 5. If any credits earned were Dual Enrollment Credits or Work Based Learning Credits, enter those amounts (credits in these two areas must also be added to In District Credits Earned and/or Out of District Credits Earned to update Total Pathway Credits Earned).
 6. If the student is a single parent of their own child, change Student Single Parent to Yes (must update for every pathway – even if new credits have not been earned).
 7. Click Save.

CTE Participant Summary

CTE Pathway	CTE Concentrator	Pathway Credits	Student Single Parent	Start Date	Modified Date
Business Management	No	0.50	Yes	07/08/2024	05/08/2025
Health Professions	No	1.50	No	07/14/2022	07/08/2024

CTE Participant Detail

CTE Pathway: Health Professions

CTE Concentrator: Yes

Student Single Parent: Yes

Start Date: 07/14/2022

Modified Date: 05/08/2025

CTE Credits

Total Pathway Credits Earned: 2.5

Total Pathway Credits Earned is automatically calculated from the sum of In District Credits Earned and Out of District Credits Earned. Students who have earned a minimum of 2 Pathway Credits are considered a CTE Concentrator.

In District Credits Earned: 2.5

Out of District Credits Earned: 0

Dual Enrollment Credits: 1

Work Based Learning Credits: 0

District Defined Elements

Modified By: MARTIN, CHERYL

STEP TWO B: UPLOAD CTE CONCENTRATOR AND PARTICIPANTS DATA

PATH: Reporting>MT State Reporting>MT Data Upload

Create an upload file from your Student information System Vendor or using the [End of Year \(EOY\) Career and Technical Education \(CTE\) Template](#). Upload the file in *.tsv format.

1. Select CTE End of Year.
2. Select either Validate and Test File or Upload File (recommend using Validate and Test File prior to upload for data validation purposes). Typical errors include students not enrolled or enrolled in the wrong school.
3. Choose file and Submit to Batch.
4. The upload results will show under Batch Queue List. Review the report and correct errors by repeating the steps above or using Step Two A to hand enter corrections/omissions.

Import Data

Import Type: CTE End of Year

Work to Perform: Validate and Test File

File: Choose File | CTE EOY Upload.tsv

Submit to Batch

Review the Validate and Test results file located in the Batch Queue List located at the bottom of the page to identify and correct import errors and/or warnings. Select Refresh on the Batch Queue to retrieve the latest status of the Batch. When the Batch has completed processing, select "Get the report" to retrieve the Import Results Summary file.

THIS PROCESS IS NOT COMPLETE UNTIL a Batch Resync is triggered.
New Look: System Settings > Data Interchange Administration > Resync State Data -> Batch Queue List
Old Look: System Administration > Data Utilities > Resync State Data

Batch Queue List

Queue Time	Report Title	Status	Download
05/08/2025 01:03:42 PM	MT Data Upload	Queued	

STEP THREE: RESYNC DATA

PATH: System Settings>Data Interchange Administration>Resync State Data - Batch

Before continuing with Step 4 do a complete resync of data to ensure full sync with the state.

Resync State Data - Batch ☆

State Data Resynchronization

This tool will selectively resynchronize data from the district edition to the state edition. The resynchronization will happen asynchronously and you will receive a notification when it completes. The primary use for this tool include forcing an initial sync of data to the state after a district goes live, forcing a sync of information modified outside of the application (i.e., through a SQL query) to the state, and forcing a sync of information at reporting time to ensure that the state has the most accurate and timely information available.

Resync Data For The Current School Year (2023-2024)

Check dependencies	Last Resync	Results
<input checked="" type="checkbox"/> District	04/30/2024 17:00:20	Processed: 1 Errors: 0
<input checked="" type="checkbox"/> School	04/30/2024 17:00:20	Processed: 40 Errors: 0
<input checked="" type="checkbox"/> Calendar	04/30/2024 17:00:20	Processed: 3 Errors: 0
<input checked="" type="checkbox"/> Counselor	04/30/2024 08:59:52	Processed: 2615 Errors: 0

Check dependencies	Last Resync	Results
<input checked="" type="checkbox"/> TestAccommodations	04/08/2024 09:20:44	Processed: 0 Errors: 0
<input checked="" type="checkbox"/> TranscriptCourseSE	04/08/2024 09:20:44	Processed: 0 Errors: 0
<input checked="" type="checkbox"/> VaccineShot	04/08/2024 09:20:44	Processed: 0 Errors: 0
<input checked="" type="checkbox"/> PersonIdentityNotStateOnly	04/08/2024 09:20:44	Processed: 0 Errors: 0
<input checked="" type="checkbox"/> SchoolInstructionMode	04/08/2024 09:20:44	Processed: 31 Errors: 0

Send Resync

STEP FOUR: VALIDATE DATA

PATH: Reporting>Data Validation>Validation Groups OR Data Validation Reports

1. Search for “CTE”. Select the End of Year CTE Concentrator and Participants Validation Group or Validation Report (to add a Validation Group to the list of Validation Reports, assign the Validation Group to one or more user groups). This group contains the following reports:
 - a. End of Year CTE Count Concentrator & Participant: Count of students identified either as a CTE Concentrator or Participant.
 - b. End of Year CTE Count Single Parent: Count of students identified as Single Parent.
 - c. End of Year CTE Single Parent Indicator Different Between Pathways: Student is marked as a Single Parent in one Pathway, but the status is No in another.
 - d. End of Year CTE with Incorrect Concentrator Assigned: Student has incorrect value in the Concentrator indicator. Either the student has 2 or more credits, and the Concentrator is No, or the student has less than 2 credits, and the Concentrator is Yes.
 - e. End of Year CTE Concentrators and Participants Modified in Current Year: A list of students identified either as a CTE Concentrator or Participant with a modified date in the current year.
2. Once all errors and warnings have been checked, run the End of Year CTE Concentrator and Participants Certification as a Validation Report with the Run at State option selected. Running the report at both the district and state ensures that data has fully synced prior to certification. If there are mismatches between the state and district, repeat Step 3 and re-run the Certification report at the state.

STEP FOUR: CERTIFY DATA

PATH (OL): Data Integrity Tools>Data Certification>Event Certification

PATH (NL): Reporting>Data Certification>Event Certification

***It is recommended that you wait at least 60 minutes after a complete resync before certifying data**

1. From the Event Dashboard, select End of Year CTE Concentrator & Participants Certification 2024-25.
2. Select Certify & Submit.

The screenshot shows a web interface for data certification. It includes sections for 'Ad Hoc Data Links', 'Data Validation Groups' with a link to 'Reporting>Data Validation>Validation Reports', a 'Review Snapshot' section with a message 'This feature is not currently functional', and a 'Status' section with a 'Certify & Submit' button highlighted by a green arrow. Below this is a 'View District Certification Status' link and a 'State-Report Output' section with a 'Refresh' button, a 'Show top' dropdown set to 50, and date filters for tasks submitted between 05/11/2025 and 05/18/2025. At the bottom is a table with columns: Batch Queue List, Queued Time, Report Title, Status, and Download.

If the district discovers a reporting error, please contact the AIM Unit to request recertification. If the AIM Unit discovers an error the certifier(s) may receive a message requesting correction and recertification.

CTE Lingo:

- Pathway: An approved area of study for CTE courses. Pathways in Montana include Advanced Manufacturing; Agriculture, Food & Natural Resources; Agriculture, Mechanics & Construction; Arts, A/V Technology, Communication; Business Management; Design & Construction (ITE); Design & Construction (FCS); Education; Finance; Health Professions; Hospitality & Tourism; Human Services; Information Technology; Marketing; Science, Technology, Engineering & Mathematics; Transportation, Distribution & Logistics; Welding & Fabrication. Districts must be approved to offer a specific pathway.
- Concentrator: A student who has (or will complete in the current year) two or more credits in a single pathway.
- Single Parent: A student who is a single parent of their own child.
- Pathway Credits: The number of credits earned (or will earn in the current year) in a single pathway.