# Tools for Troubleshooting Data Associated with CTE Accountability

## Concentrating on the Concentrator

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- *The Department of Education and Workforce funds development of EMIS training materials as part of the EMIS Alliance grant. There is an expectation that ITCs will utilize these materials in training provided to your districts. That said, there are restrictions on use of the EMIS Alliance materials as follows: Materials developed as part of the EMIS Alliance program must be provided at no cost to your training participants. If you utilize the EMIS Alliance training materials – in whole or in part – you must not charge participants a fee to attend the class where the materials are used. Likewise, you may not use the materials or any portion thereof in any event where a fee is charged to attend. Exceptions must be approved in writing by the Department in advance of scheduling/promoting any event which may violate these restrictions.*
- *Questions regarding appropriate use of EMIS Alliance materials, or requests for exception to the restrictions noted above, should be directed to Melissa Hennon [Melissa.Hennon@education.ohio.gov].*

# CTE Concentrators and the Accountability System

- The CTE Program of Concentration is crucial to the CTPD Report Card, Perkins Performance (state and CTPD), and the Quality Program Reviews
- The CTE Accountability system is built upon CTE Concentrators
- We will concentrate on correctly reporting the CTE Program of Concentration during this presentation

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# Outline

We will be concentrating on:

- The pathway for a student to become a CTE Concentrator
  - Approved funded program and/or program of study
  - Course Completion
  - CTE Participant
  - CTE Concentrator
- Reporting the CTE Concentrator Programs of Concentration
- Level 2 Reports you can use to identify and troubleshoot the CTE Program of Concentration for your students
- Secure Data Center Reports

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# Pathway to becoming a CTE Concentrator

A student becomes a CTE Concentrator after completing two workforce development courses within a single pathway

Coursework can span:

- Multiple school years
- Multiple LEAs

# Program of Study

- Include at least four courses within the career field pathway
- Include all aspects of the industry-identified Career-Technical content standards for the chosen courses
- Include the opportunity for students to earn postsecondary credit in the technical area
- Include the opportunity for students to earn relevant credentials of value as appropriate for the technical area
- Integrate academic content as appropriate for the course
- Integrate career and technical student organizations to the extent possible
- Integrate work-based experiences to the extent possible; and
- Assess the attainment of technical skills within the program using the appropriate technical assessments identified in the program and assessment matrix

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# Course Completion

## State-approved and funded Career Technical Education Course

- Curriculum elements: VT, VP, VN, and PS, including job training programs
- Excludes Family and Consumer Sciences (FCS), Career Based Intervention (CBI), and Senior Only Credential Programs
- Minimum of 120 hours; two 60-hour courses as equivalent to one course
- Counts across districts and years
- Can be delivered to students in grades 7-12; and DOES NOT include VM Curriculum code courses

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# Course Completion, cont'd

- To consider a student as having completed a course, they must have been enrolled for at least 90% of the scheduled instructional hours in a state-approved Career Technical Education workforce development course **and/or** earned HS credit (partial or full)
- Student must generate CTE Funding for the approved CTE course
- When determining if a student met the scheduled hours requirement, remember it is based on student enrollment, not attendance

Enrolled Hours ÷ Scheduled Course Hours = %

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# Course Completion, cont'd

In a case where a student did not meet the 90% scheduled hours requirement however, received partial or full credit, they are automatically considered as completing the course

- High School Credit Earned (GN150) = Y, N, or P
- Partial/Override Credit (GN152) = 0.00 – 9.99
  - Districts can only enter information into the Partial/Override Credit element if they report a "P" in the High School Credit Earned element.

# CTE Participant

- Secondary students who meet course completion for not fewer than one course in an approved Career Technical Education program or program of study in the current year
- Use the current year participant students as a tracking tool. This year's participants could be next year's concentrators!
- Also, all current year concentrators are also considered participants

# CTE Concentrators

- Secondary student(s) who complete at least two courses in a single approved Career-Technical Education program or program of study
- Course-based, not student cohort
- Students are concentrators before they complete a program
- Students can be concentrators before 9th Grade
- More than one entity can report a student as a concentrator

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# Who Reports the Program of Concentration

- Entities that have approved CTE Program(s) or Programs of Study will initially report the program of concentration the year the student meets the original requirement
- More specifically, to be reported as a CTE Concentrator within a year after meeting the Program of Concentration, the student must complete a workforce development course aligned to their previous pathway

# Who Reports the Program of Concentration, cont'd

- Transfer student has completed an approved CTE course in the past school year(s). The student completes the second course at the new district in the same program of study and meets the course completion requirement; the new district reports the Program of Concentration
- Transfer student has been reported as a concentrator at the previous school district; if the student continues taking courses in the aligned previous pathway at the new district, the new district reports the Program of Concentration

# When to NOT report the Program of Concentration

- If a student has been reported as a CTE Concentrator in the past school year but does not take a CTE course in the current school year, then the district would NOT report the POC
- Districts do not duplicate reporting of other entities' Program of Concentration for the student
  - Do not match what the JVSD is reporting in their data
  - Do not match what was historically reported

# Quick Check

The CTE Accountability system is built upon CTE Concentrators. Incorrect reporting of the POC can have a negative impact

- Do you understand the pathway a student must take to be reported with a Program of Concentration?
- What is the difference between a CTE Participant and a CTE Concentrator?
- Do you know when your district should or should not report the POC?

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# CTE Concentrator Reports

Help districts track students who have taken a CTE Workforce Development (WFD) course or had a CTE Program of Concentration reported

- Traditional districts, JVSDs, community schools, and STEM schools could receive these Level 2 reports
- When reviewing the reports, if the district believes the generated potential CTE POC(s) are not correct, the student's course enrollment and earned credit data should be reviewed
- The opportunity to appeal POCs is in the year the student is a concentrator. The data cannot be appealed in the Graduate or Follow-Up Collections

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# CTE Concentrator Accountability All FY POC

**CTAC-101** This report provides a comprehensive list of CTE Concentrators in the district

- Result Code CN0009 – Current year program of concentration for this student
- Result Code CN0010 – Prior year program of concentration for a student who has not yet left public K-12 Schools
- A student is listed only once in the district(s) where they last met the definition of a CTE Concentrator
- Only the last fiscal year and CTE POC in which the student was a CTE Concentrator are generated in the report

# CTE Concentrator Accountability FY POC Missing

**CTAC-102** This report provides a list of students where the district is not reporting a CTE Program of Concentration that has been derived by DEW

- Result Code CN0002 - POC Derived but no POC Reported in Current FY
- Any CTE Program of Concentration that aligns with a WFD course completed in the current year will have a row on the report
- Districts should review the potential CTE Program of Concentration on the report and report the appropriate CTE Program of Concentration on the FN Record

# CTE Concentrator Accountability FY POC Unexpected

**CTAC-103** This report lists students when the reported Program of Concentration does not align with a Program of Concentration derived by DEW

- Districts need to review the Program of Concentration along with the student's course enrollment and earned credit data
- Some districts report students as concentrators before the student meets the course completion requirement of their second course
  - These students will be flagged on the report due to the timing of the reporting

# CTAC-103 Result Codes

- CN0001 - POC Reported But Not Derived In Current FY
- CN0003 – POC Reported But No Aligned Completed Course Derived In Current FY
- CN0004 – POC Reported, But there are less than 2 completed courses in the POC

# CTE Concentrator Course Report

**CTAC-200** This report lists courses that factor into concentrator status

- Result Code CN2000 – Course Counts towards Concentrator status
- Result Code CN2001 – Course does not count towards Concentrator status
- Result Code CN2002 – Student has reported CTE technical assessment but no reported aligned course
- Report aids districts in determining which courses are impacting concentrator status
- Provides the detail needed to research why a student is on the Missing or Unexpected Reports (CTAC 102 & 103)

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# Quick Check

CTE Concentrator reports help districts track, evaluate, and identify potential data issues with their POC reporting

- Have you shared these reports with your CTE Coordinator?
- If a student appears on a report where DEW is deriving the Program of Concentration, what do you do?
- Are you reporting students with a Program of Concentration when you should not?

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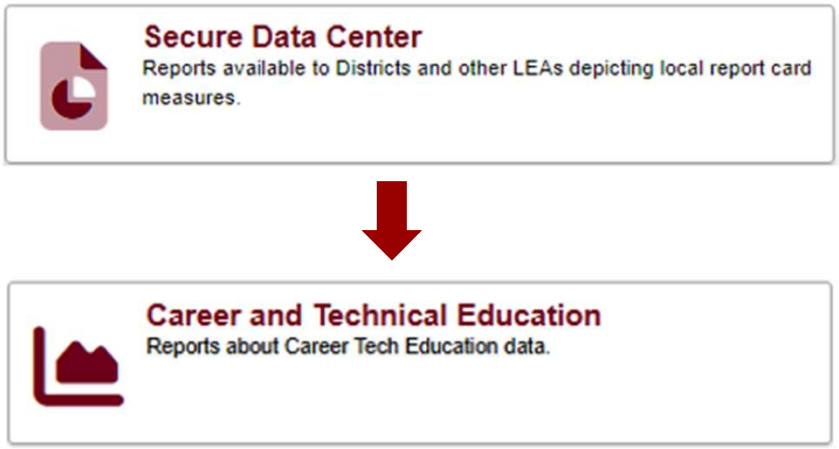
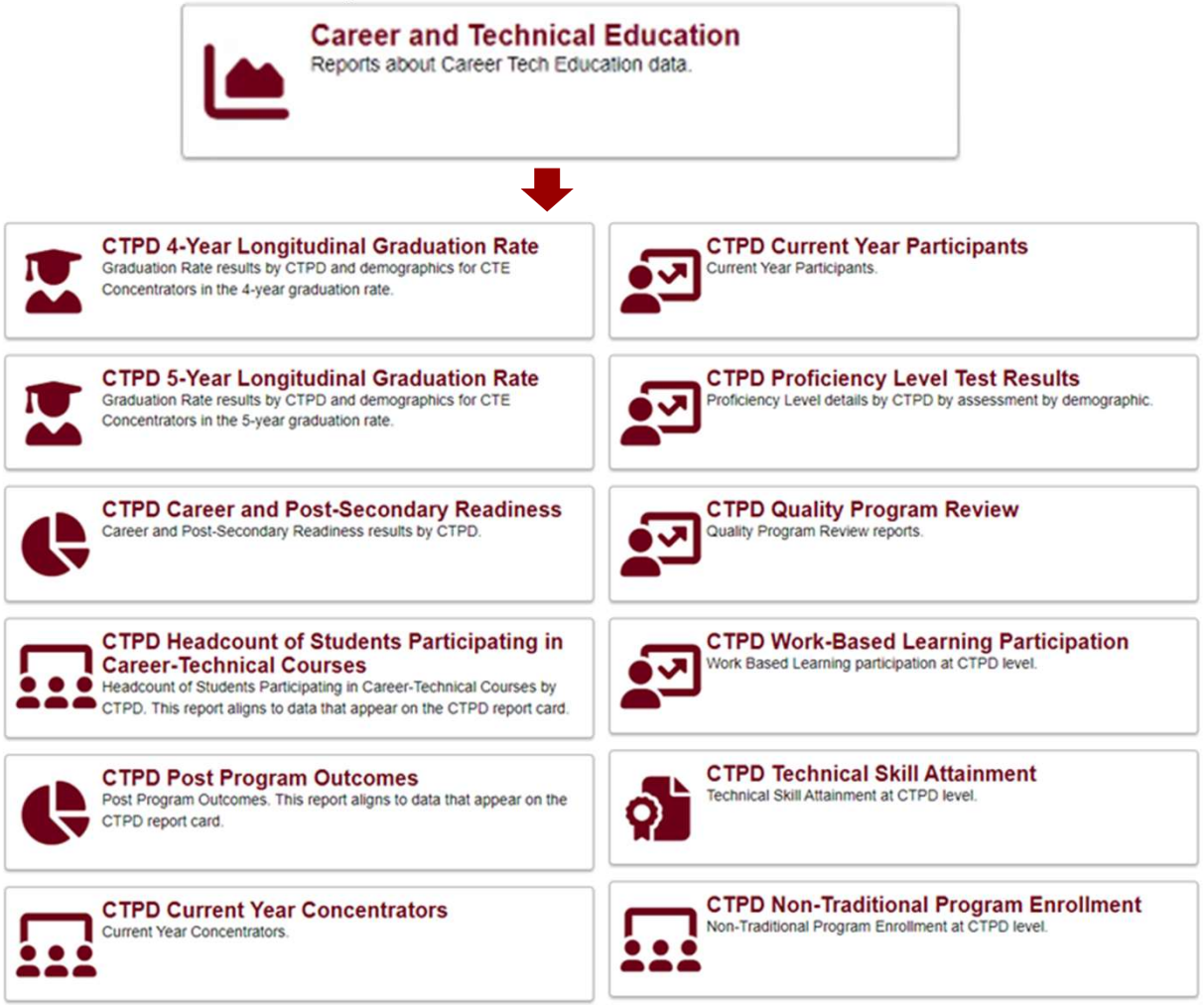
# SDC Data & Reports – SDC Access Roles




- Staff with SDC access roles at the CTPD IRN would see the CTPD reports
- Staff with roles at a member district with a CTE Program would see member district reports
- If a user has both roles, CTPD and Member District, they will choose which organization view they want to view

# SDC Data and Reports – CTPD View

CTPD View

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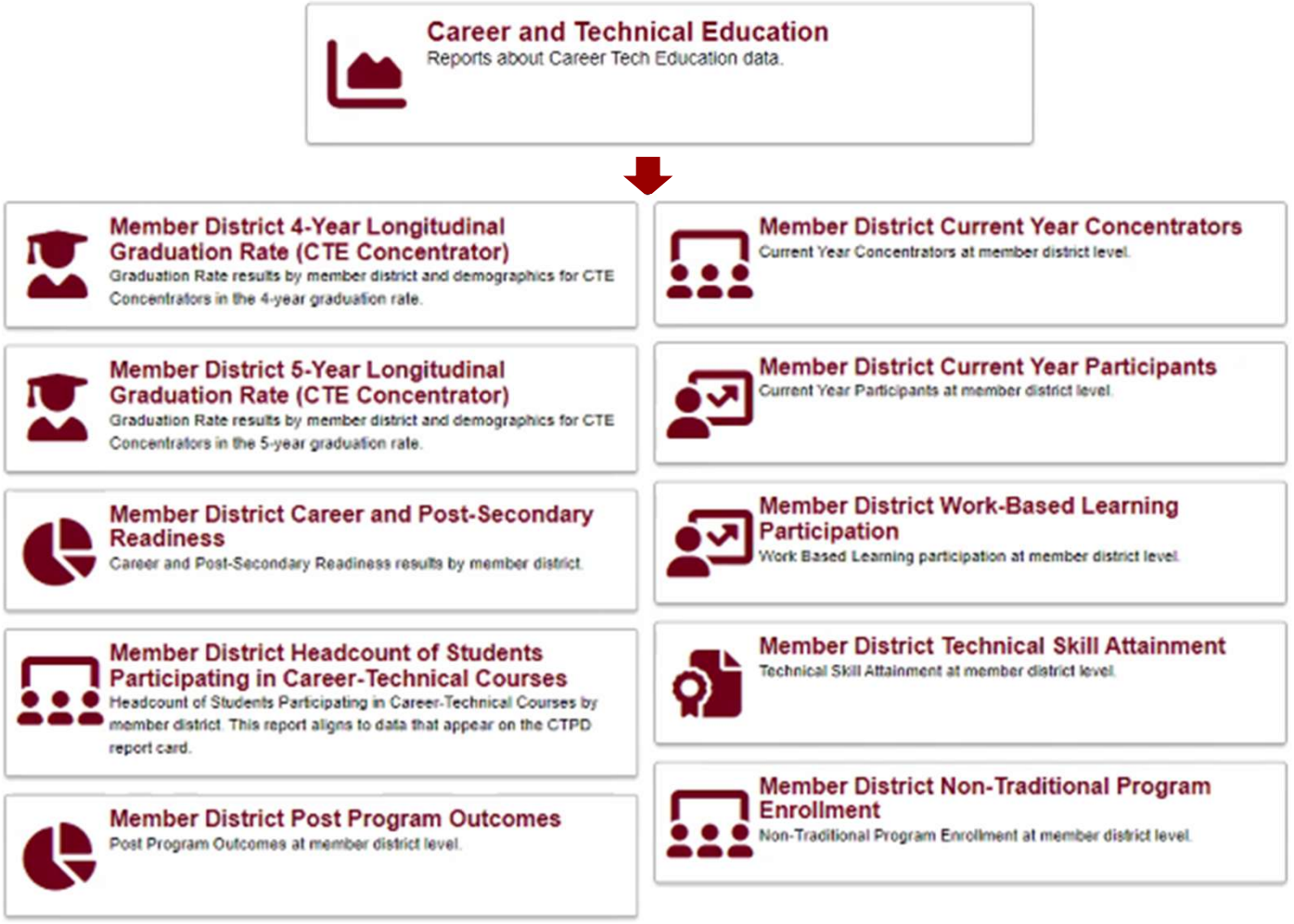
# SDC Data & Reports – Member District View

Member District View

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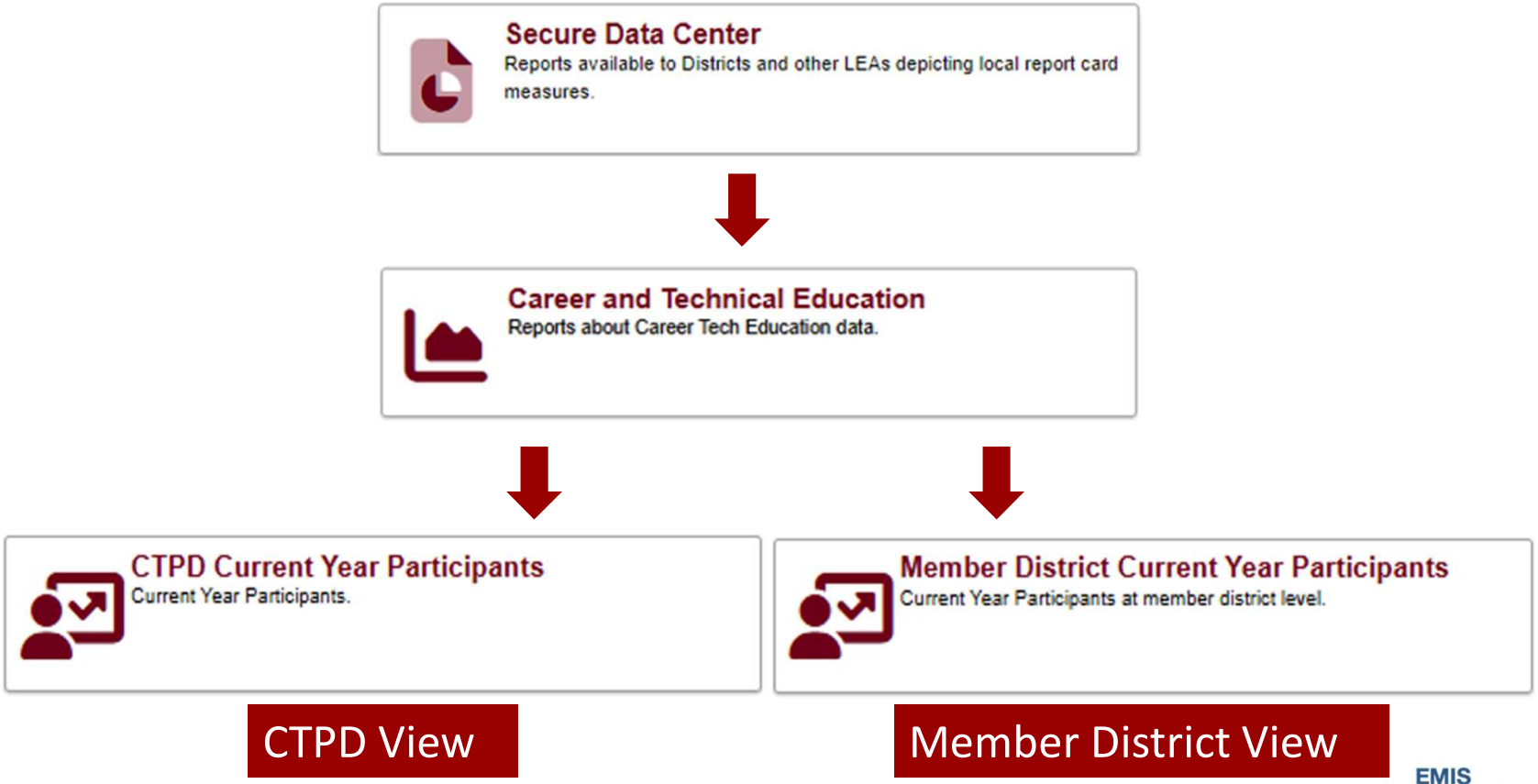
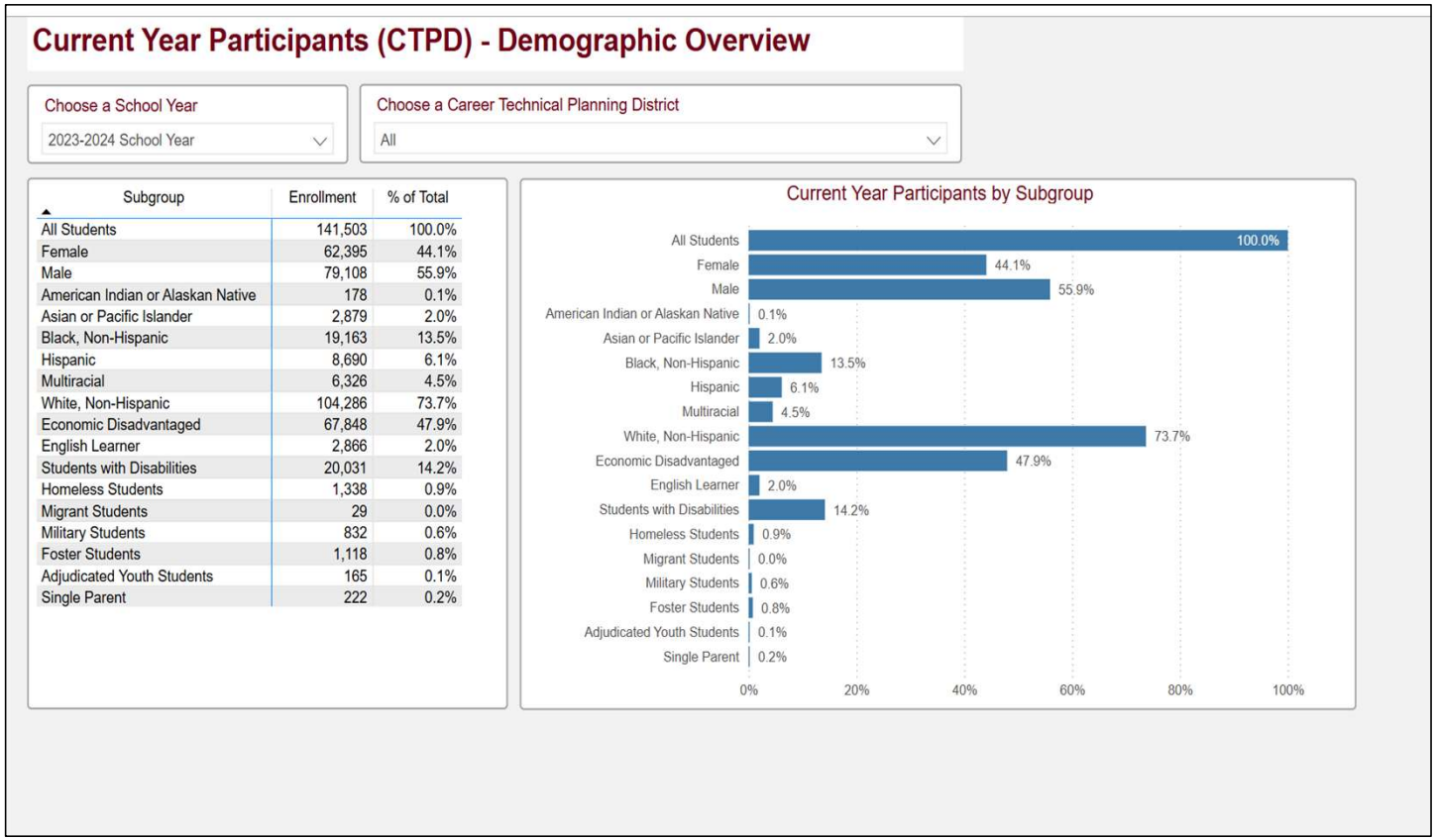
# SDC Data and Reports – Current Year Participants



# Current Year Participants – Demographic Overview



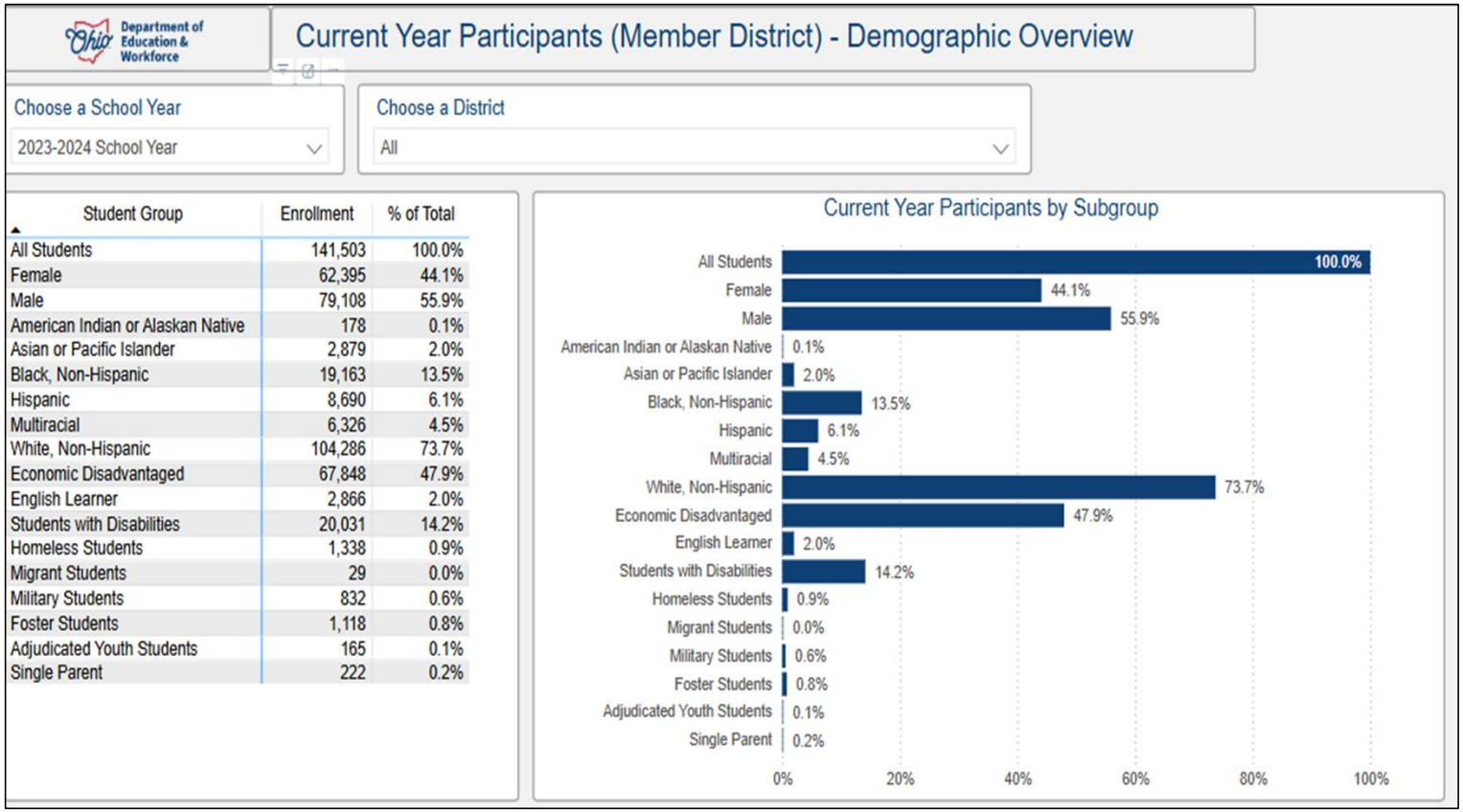

| Subgroup | Enrollment | % of Total |
|---|---|---|
| All Students | 141,503 | 100.0% |
| Female | 62,395 | 44.1% |
| Male | 79,108 | 55.9% |
| American Indian or Alaskan Native | 178 | 0.1% |
| Asian or Pacific Islander | 2,879 | 2.0% |
| Black, Non-Hispanic | 19,163 | 13.5% |
| Hispanic | 8,690 | 6.1% |
| Multiracial | 6,326 | 4.5% |
| White, Non-Hispanic | 104,286 | 73.7% |
| Economic Disadvantaged | 67,848 | 47.9% |
| English Learner | 2,866 | 2.0% |
| Students with Disabilities | 20,031 | 14.2% |
| Homeless Students | 1,338 | 0.9% |
| Migrant Students | 29 | 0.0% |
| Military Students | 832 | 0.6% |
| Foster Students | 1,118 | 0.8% |
| Adjudicated Youth Students | 165 | 0.1% |
| Single Parent | 222 | 0.2% |

CTPD View

**Use the Current Year Participant SDC reports as a tracking tool to see if all students have been identified**

# Current Year Participants – Demographic Overview

Member District View

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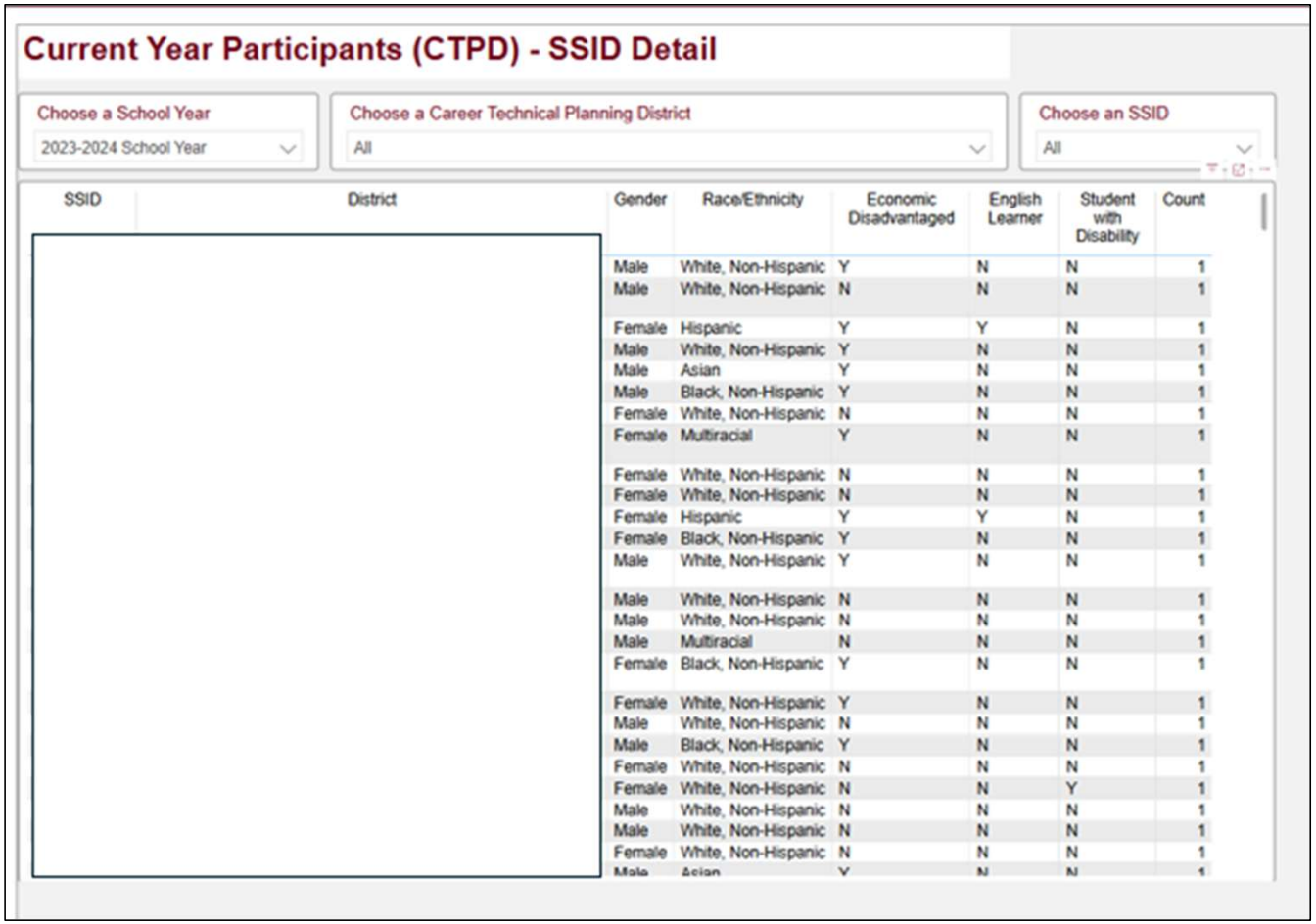
# Current Year Participants – SSID Detail



**Current Year Participants (CTPD) - SSID Detail**

Choose a School Year: 2023-2024 School Year

Choose a Career Technical Planning District: All

Choose an SSID: All

| SSID | District | Gender | Race/Ethnicity | Economic Disadvantaged | English Learner | Student with Disability | Count |
|---|---|---|---|---|---|---|---|
| | | Male | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Female | Hispanic | Y | Y | N | 1 |
| | | Male | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | Asian | Y | N | N | 1 |
| | | Male | Black, Non-Hispanic | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | Multiracial | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | Hispanic | Y | Y | N | 1 |
| | | Female | Black, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | Multiracial | N | N | N | 1 |
| | | Female | Black, Non-Hispanic | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | Black, Non-Hispanic | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | Y | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Male | Asian | Y | N | N | 1 |

CTPD View

**Use the Current Year Participants SSID Detail report and create a spreadsheet to compare and review data at the student level with your SIS software**

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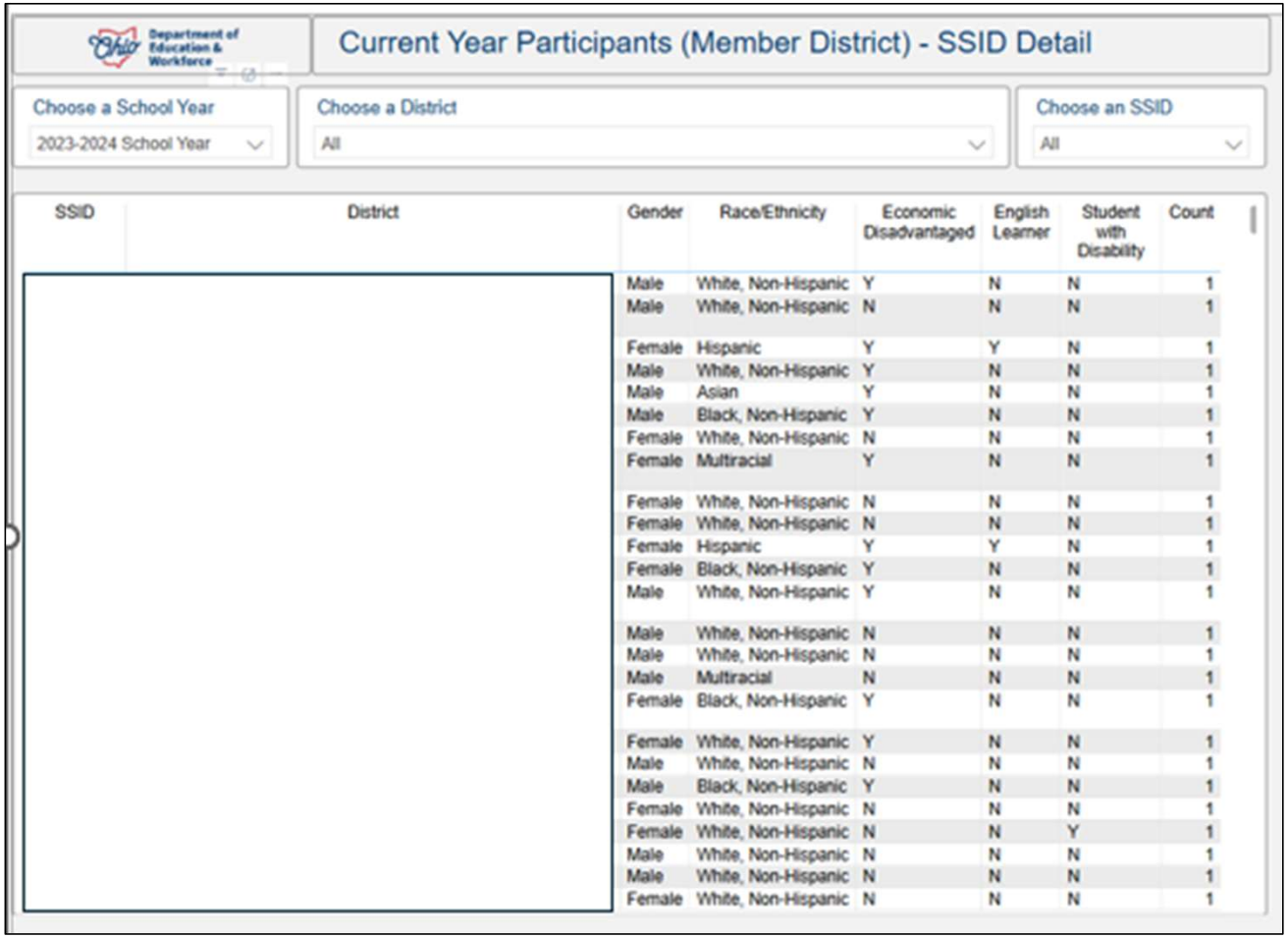
# Current Year Participants – SSID Detail



Department of Education & Workforce

Current Year Participants (Member District) - SSID Detail

Choose a School Year: 2023-2024 School Year

Choose a District: All

Choose an SSID: All

| SSID | District | Gender | Race/Ethnicity | Economic Disadvantaged | English Learner | Student with Disability | Count |
|---|---|---|---|---|---|---|---|
| | | Male | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Female | Hispanic | Y | Y | N | 1 |
| | | Male | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | Asian | Y | N | N | 1 |
| | | Male | Black, Non-Hispanic | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | Multiracial | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | Hispanic | Y | Y | N | 1 |
| | | Female | Black, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | Multiracial | N | N | N | 1 |
| | | Female | Black, Non-Hispanic | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | Y | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | Black, Non-Hispanic | Y | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | Y | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Male | White, Non-Hispanic | N | N | N | 1 |
| | | Female | White, Non-Hispanic | N | N | N | 1 |

Member District View

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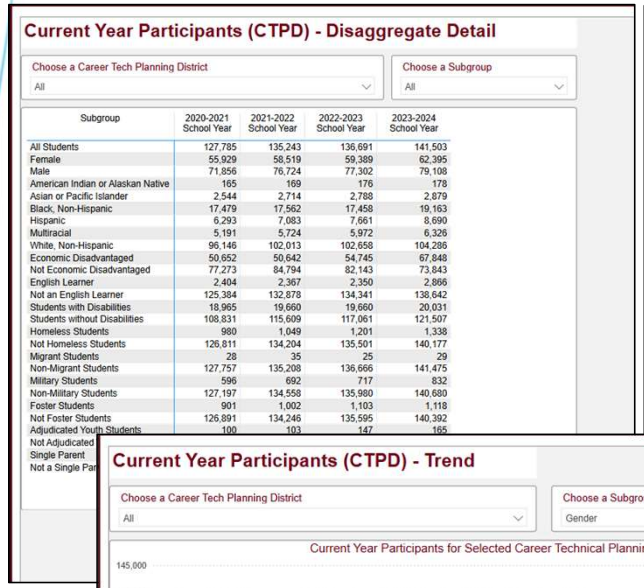
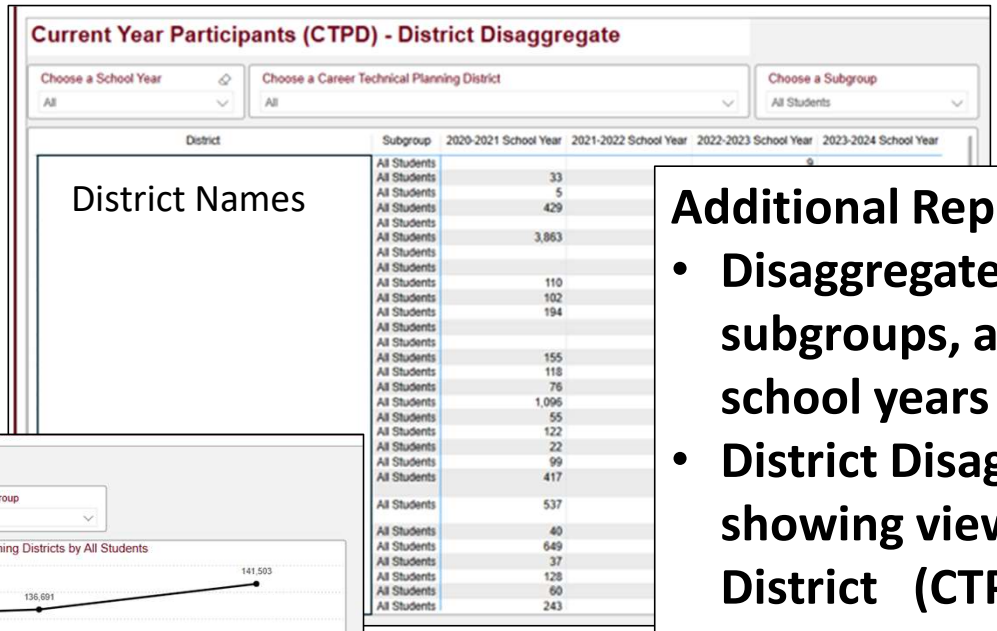
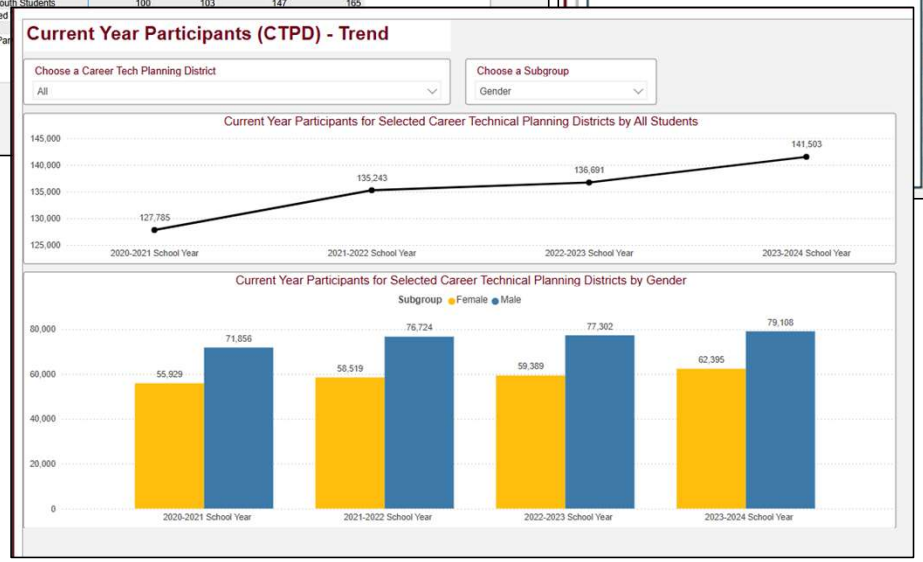
# Current Year Participants – Additional Reports




CTPD View

**Additional Reports**

- **Disaggregate Detail by subgroups, and multiple school years**
- **District Disaggregate showing views by School District (CTPD Only)**
- **Trend data line and bar graphs, broken down by school years, student counts, and subgroup**

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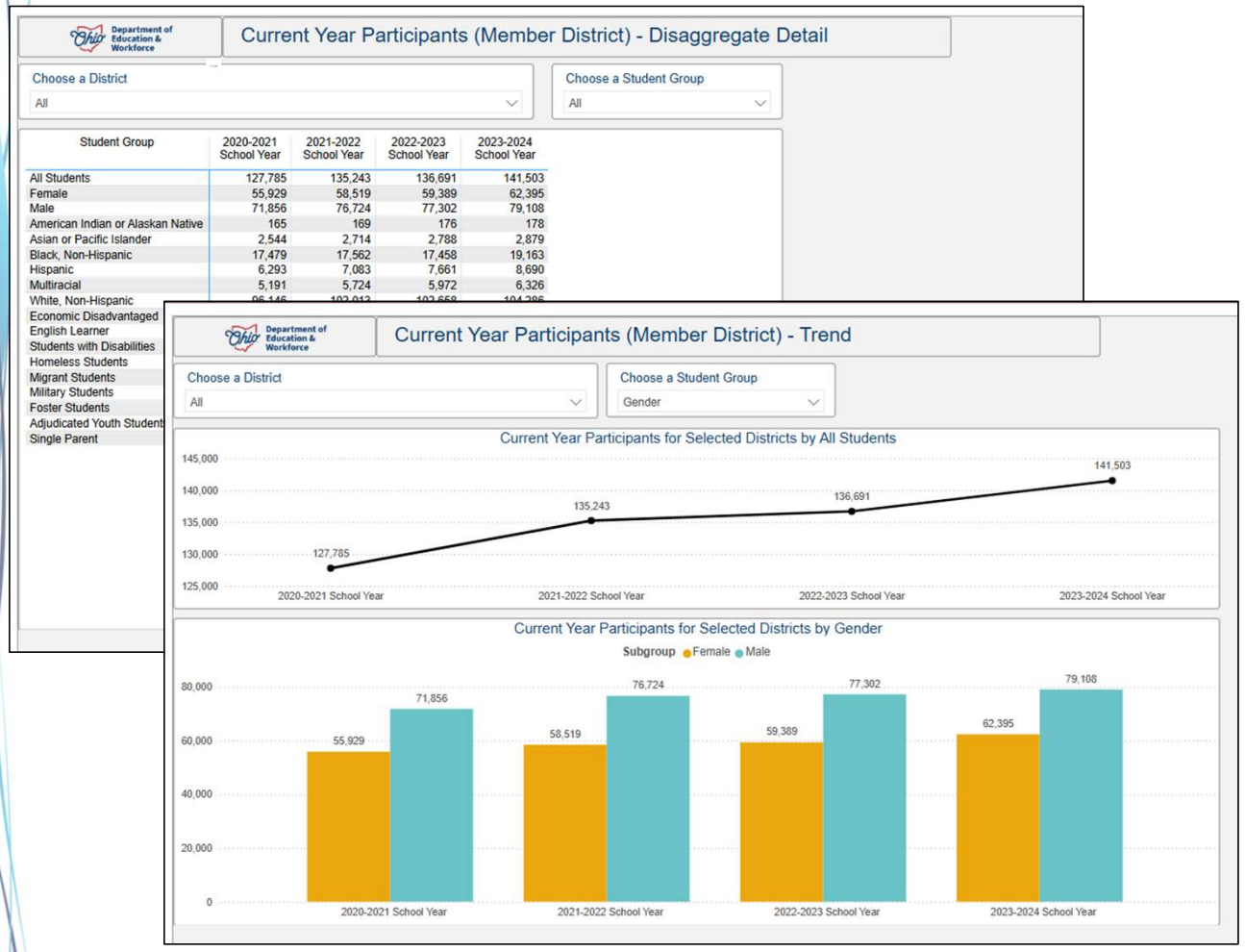
# Current Year Participants – Additional Reports




Member District View

**Additional Reports**

- **Disaggregate Detail by subgroups, and multiple school years**
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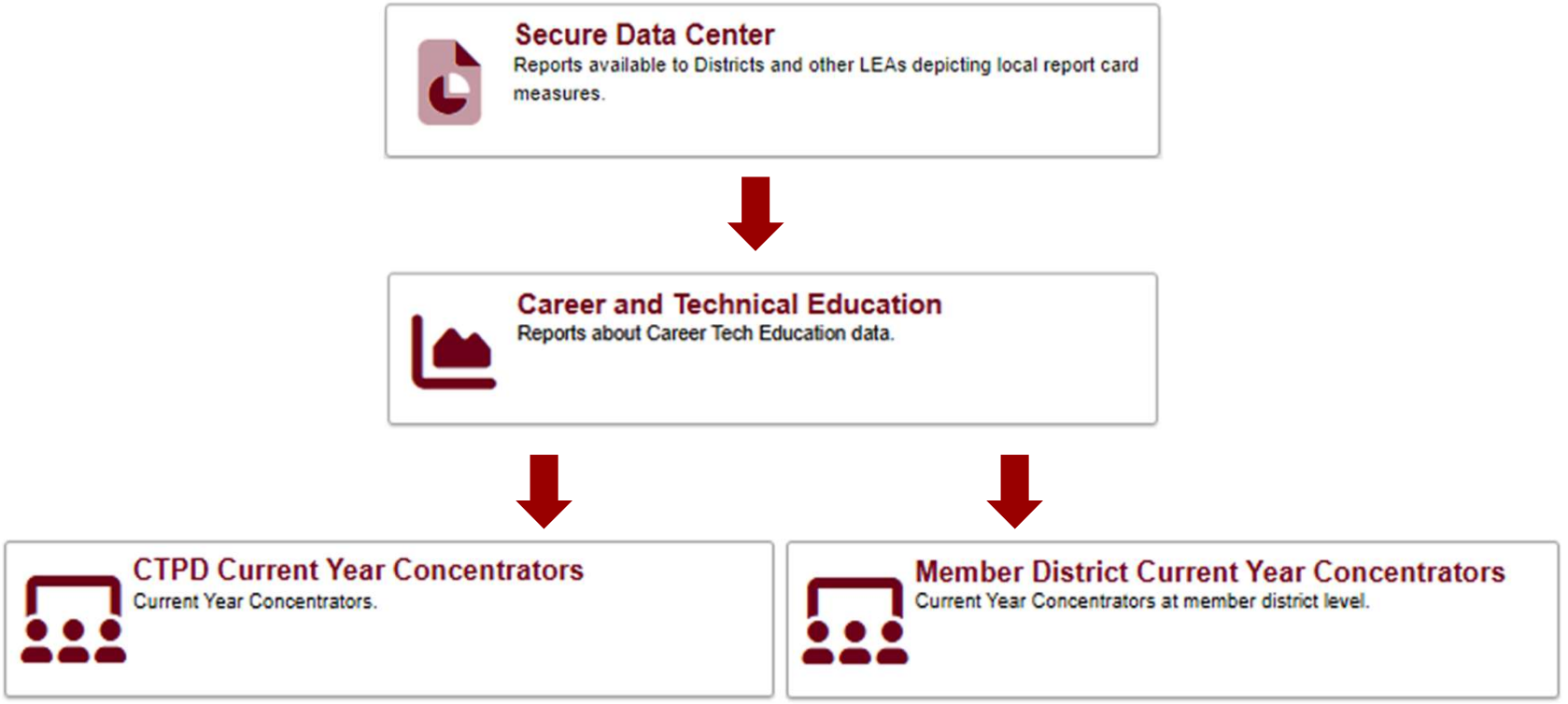
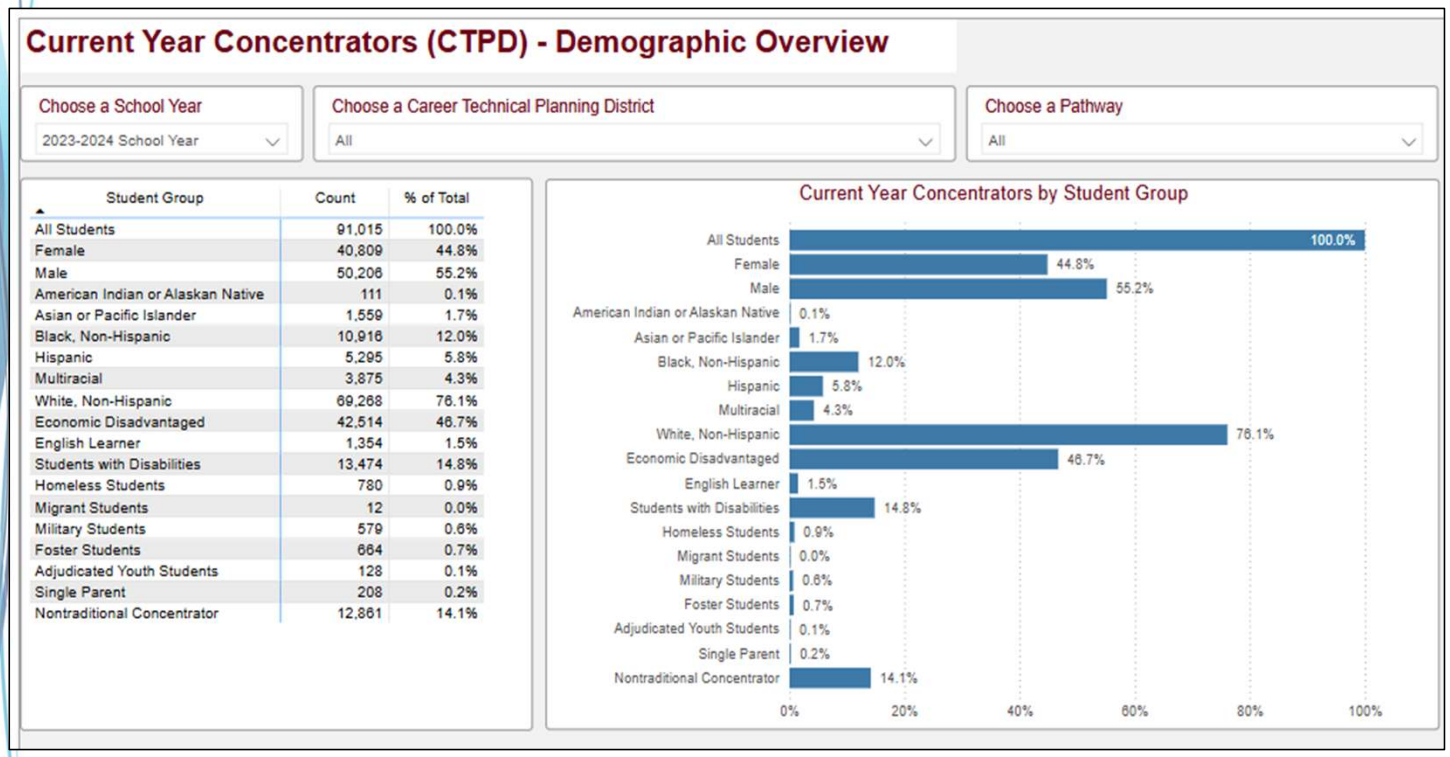
# SDC Data and Reports – Current Year Concentrators



# Current Year Concentrators - Demographic Overview




| Student Group | Count | % of Total |
|---|---|---|
| All Students | 91,015 | 100.0% |
| Female | 40,809 | 44.8% |
| Male | 50,206 | 55.2% |
| American Indian or Alaskan Native | 111 | 0.1% |
| Asian or Pacific Islander | 1,559 | 1.7% |
| Black, Non-Hispanic | 10,916 | 12.0% |
| Hispanic | 5,295 | 5.8% |
| Multiracial | 3,875 | 4.3% |
| White, Non-Hispanic | 69,268 | 76.1% |
| Economic Disadvantaged | 42,514 | 46.7% |
| English Learner | 1,354 | 1.5% |
| Students with Disabilities | 13,474 | 14.8% |
| Homeless Students | 780 | 0.9% |
| Migrant Students | 12 | 0.0% |
| Military Students | 579 | 0.6% |
| Foster Students | 664 | 0.7% |
| Adjudicated Youth Students | 128 | 0.1% |
| Single Parent | 208 | 0.2% |
| Nontraditional Concentrator | 12,861 | 14.1% |

CTPD View

**Use the Current Year Concentrator SDC reports to see student subgroup information**

# Current Year Concentrators - Demographic Overview

Department of Education & Workforce

## Current Year Concentrators (Member District) - Demographic Overview

Choose a School Year: 2023-2024 School Year

Choose a District: All

Choose a Pathway: All

| Student Group | Count | % of Total |
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| All Students | 91,015 | 100.0% |
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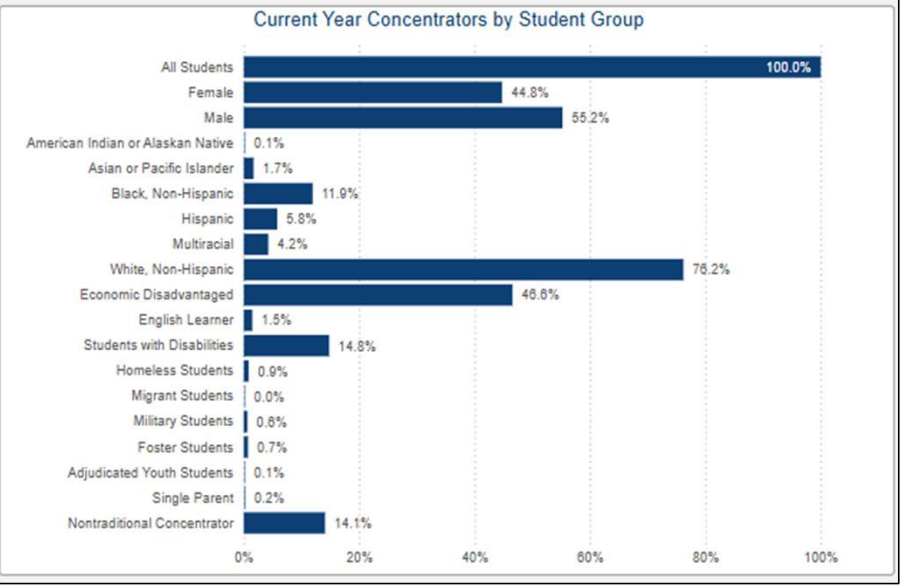


Member District View

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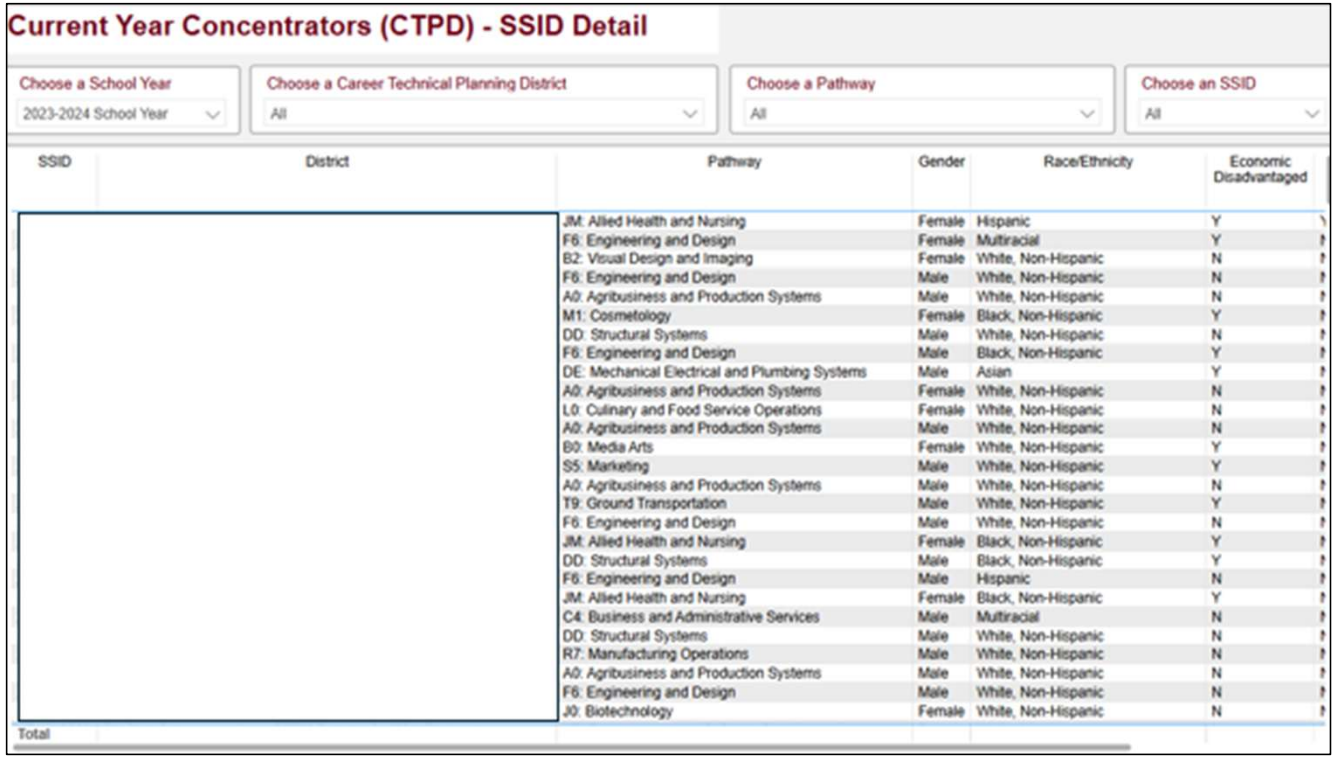
# Current Year Concentrators – SSID Detail

CTPD View



Current Year Concentrators (CTPD) - SSID Detail

Choose a School Year: 2023-2024 School Year | Choose a Career Technical Planning District: All | Choose a Pathway: All | Choose an SSID: All

| SSID | District | Pathway | Gender | Race/Ethnicity | Economic Disadvantaged |
|---|---|---|---|---|---|
| | | JM: Allied Health and Nursing | Female | Hispanic | Y |
| | | F6: Engineering and Design | Female | Multiracial | Y |
| | | B2: Visual Design and Imaging | Female | White, Non-Hispanic | N |
| | | F6: Engineering and Design | Male | White, Non-Hispanic | N |
| | | A0: Agribusiness and Production Systems | Male | White, Non-Hispanic | N |
| | | M1: Cosmetology | Female | Black, Non-Hispanic | Y |
| | | DD: Structural Systems | Male | White, Non-Hispanic | N |
| | | F6: Engineering and Design | Male | Black, Non-Hispanic | Y |
| | | DE: Mechanical Electrical and Plumbing Systems | Male | Asian | Y |
| | | A0: Agribusiness and Production Systems | Female | White, Non-Hispanic | N |
| | | L0: Culinary and Food Service Operations | Female | White, Non-Hispanic | N |
| | | A0: Agribusiness and Production Systems | Male | White, Non-Hispanic | N |
| | | B0: Media Arts | Female | White, Non-Hispanic | Y |
| | | S5: Marketing | Male | White, Non-Hispanic | Y |
| | | A0: Agribusiness and Production Systems | Male | White, Non-Hispanic | N |
| | | T9: Ground Transportation | Male | White, Non-Hispanic | Y |
| | | F6: Engineering and Design | Male | White, Non-Hispanic | N |
| | | JM: Allied Health and Nursing | Female | Black, Non-Hispanic | Y |
| | | DD: Structural Systems | Male | Black, Non-Hispanic | Y |
| | | F6: Engineering and Design | Male | Hispanic | N |
| | | JM: Allied Health and Nursing | Female | Black, Non-Hispanic | Y |
| | | C4: Business and Administrative Services | Male | Multiracial | N |
| | | DD: Structural Systems | Male | White, Non-Hispanic | N |
| | | R7: Manufacturing Operations | Male | White, Non-Hispanic | N |
| | | A0: Agribusiness and Production Systems | Male | White, Non-Hispanic | N |
| | | F6: Engineering and Design | Male | White, Non-Hispanic | N |
| | | J0: Biotechnology | Female | White, Non-Hispanic | N |
| Total | | | | | |

**Use the Current Year Concentrator SSID Detail report and create a spreadsheet to see what students are identified as concentrators**

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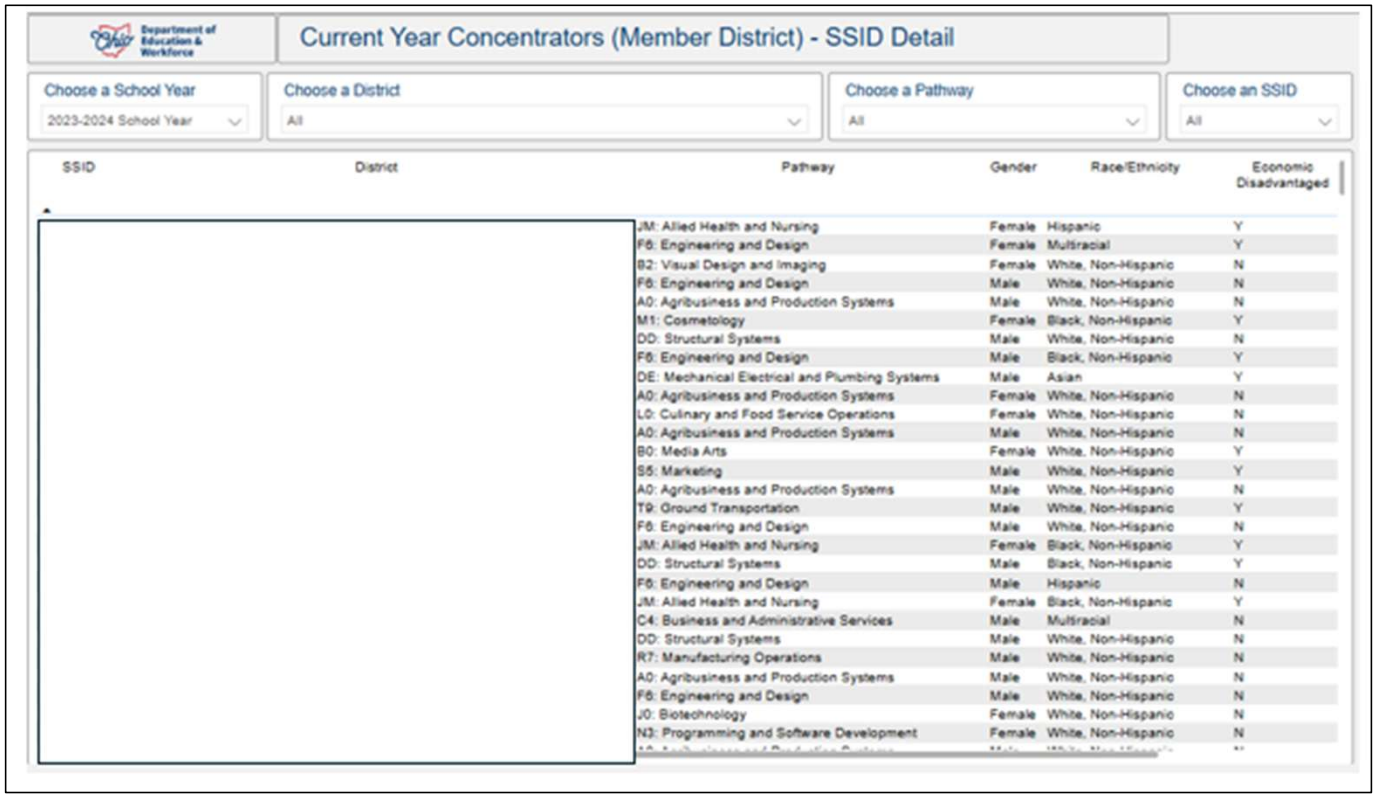
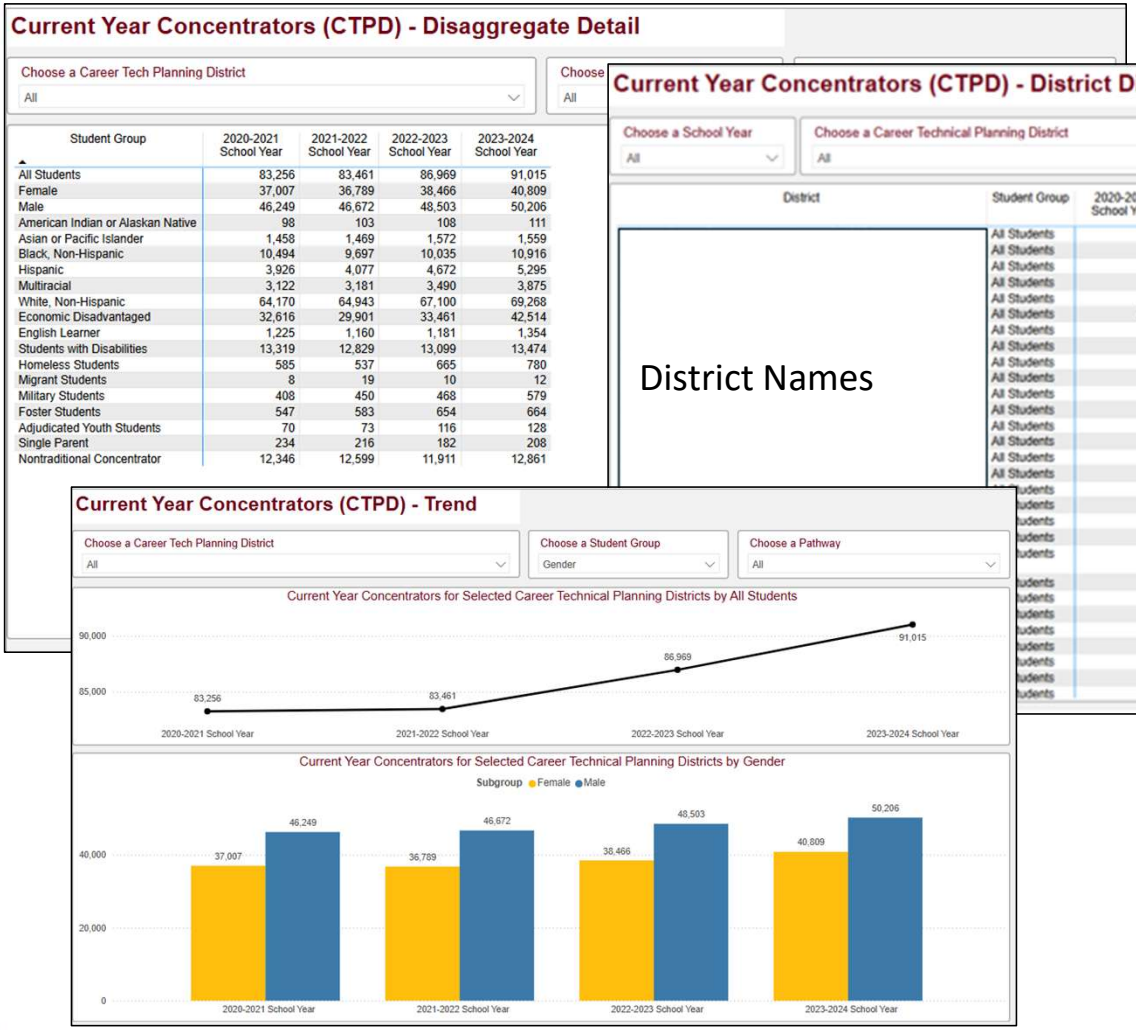
# Current Year Concentrators – SSID Detail

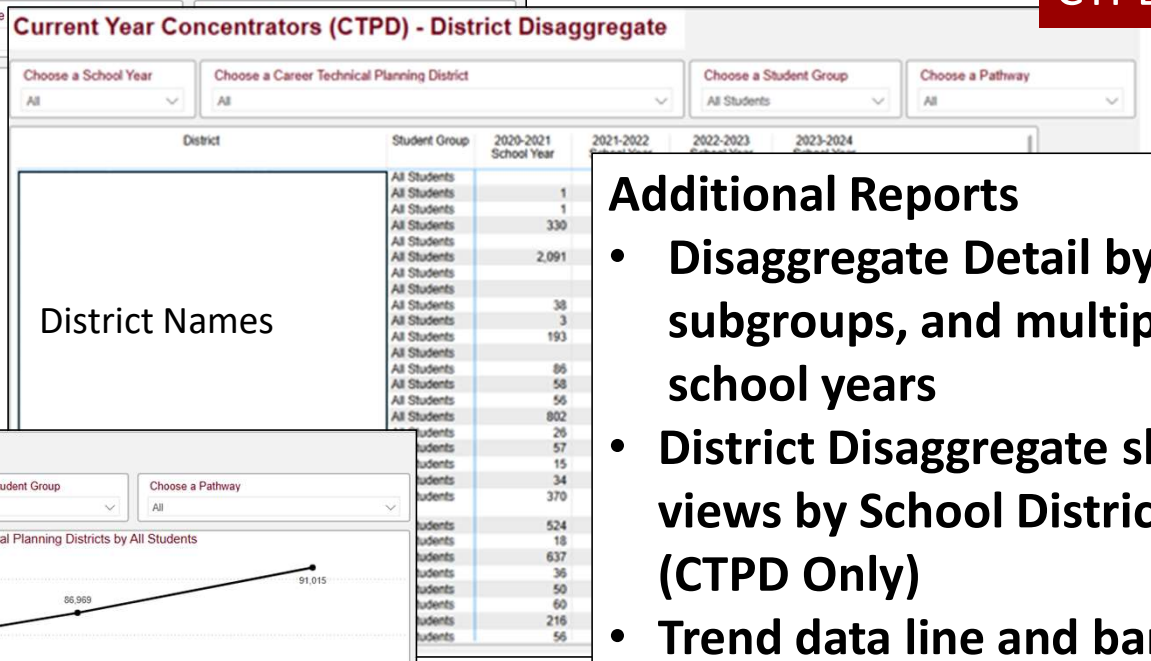



Member District View

# Current Year Concentrator – Additional Reports

CTPD View







**Additional Reports**

- **Disaggregate Detail by subgroups, and multiple school years**
- **District Disaggregate showing views by School District (CTPD Only)**
- **Trend data line and bar graphs, broken down by school years, student counts, and subgroup**

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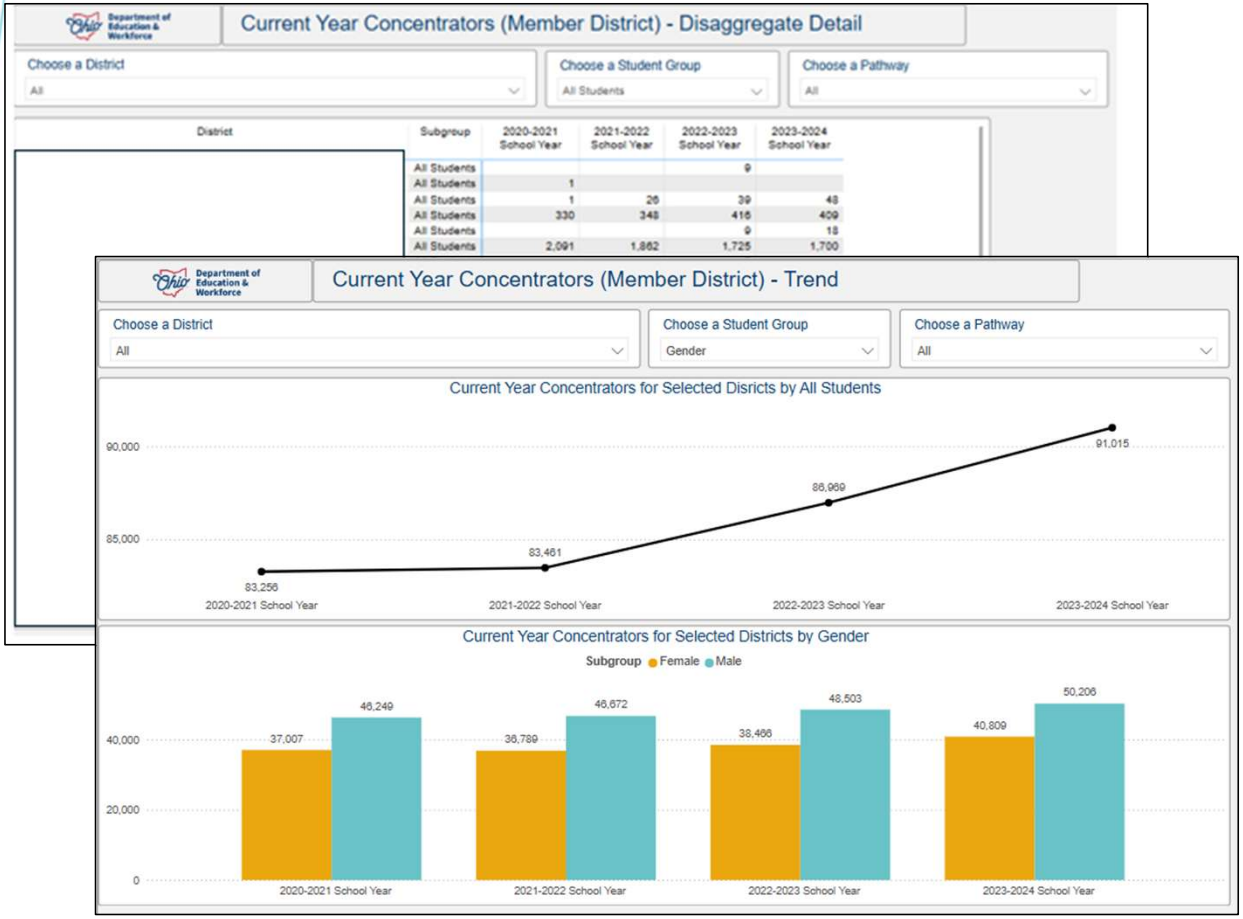
# Current Year Concentrators – Additional Reports




Member District View

**Additional Reports**

- **Disaggregate Detail by subgroups, and multiple school years**
- **Trend data line and bar graphs, broken down by school years, student counts, and subgroup**

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# Quick Check

Use your Secure Data Center reports to analyze your CTE Participants and CTE Concentrator students

- Did you find out what type of CTE access you have in the SDC?
- Were you able to pull a spreadsheet of your Participants and Concentrators?
- Have you shared the SDC reports with your CTE Data Team?

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# Resources

- DEW Accountability Webpage
  - Education.ohio.gov
  - Home > Data > Report Card Resources
- DEW Career Tech Office
  - Accountability@education.ohio.gov
  - datamanagement@education.ohio.gov
- DEW Career Technical Education Data and Accountability
  - Home > Career Tech > Data and Accountability
    - CTE Matrix
      - https://education.ohio.gov/Topics/Career-Tech/CTE-Data-and-Accountability/Career-Technical-Education-Program-and-Assessment
    - Concentrator Reporting Examples Matrix – EXCEL document

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# Resources, cont'd

- Data and Accountability Guidebook 2024
  - Home > Career Tech > Planning, Funding and Accountability > Accountability > Data and Accountability > Career-Technical Education Data and Accountability Guidebook
  - https://education.ohio.gov/getattachment/Topics/Career-Tech/CTE-Data-and-Accountability/Data-and-Accountability-Guidebook-2024.pdf.aspx?lang=en-US
- DEW Secure Data Center – Status of Reports (Career Technical Education Tile Reports)
  - Home > Data > EMIS > Documentation > Secure Data Center - Status of Reports
  - https://education.ohio.gov/Topics/Data/EMIS/EMIS-Documentation/Secure-Data-Center-Status-of-Reports#CT
- Your ITC

# Questions?

**If you would like a certificate of attendance for this training, you must complete the below feedback form within 5 business days of this training**

https://tinyurl.com/EA-District-Feedback