



Common Education Data Standards

Integrating CTE Data into CEDS

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Overview

- Background on CEDDS initiative and CTE work group
- Introduction to CTE data elements
- State example
- Discussion

CEDS 101

Common Education Data Standards

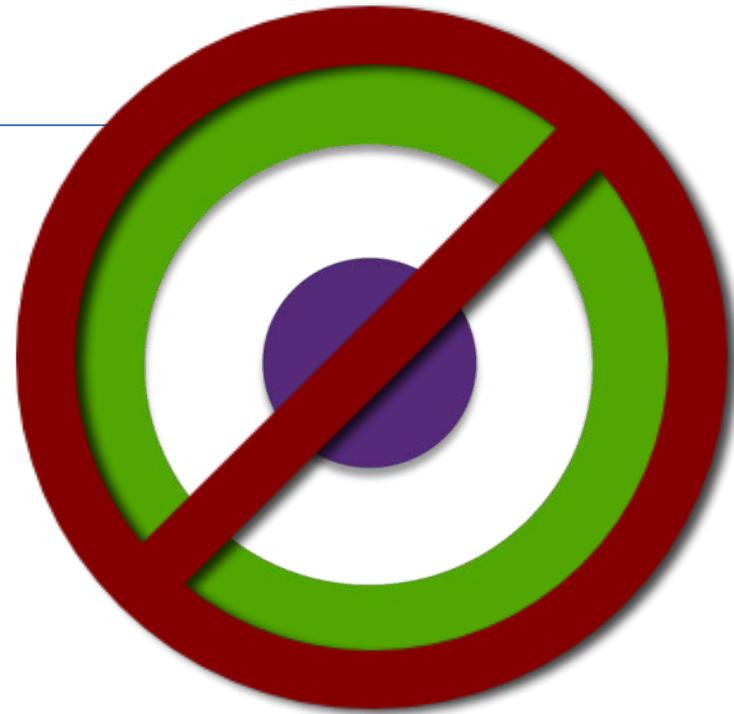
What is CEDDS?

- A **vocabulary** including standard definitions, option sets, and technical specifications to streamline sharing and comparing information
- A national collaborative effort to develop **voluntary, common** data standards for a key set of education data elements

Voluntary Common Vocabulary

CEDDS is Not

- Required
- All or nothing
- A data collection
- An implementation
- Solely an ED undertaking
- A federal unit record system



Reasons for a Common Vocabulary

1. **Accurate, timely, and consistent data** to inform decision making
2. **Share & compare high quality data** within & across **P-20W** sectors
3. **Decrease the staff burden** associated with deciphering data

CEDS Domains

- Early Learning
- K-12
- Postsecondary
- CTE
- Adult Education
- Workforce
- Assessments
- Learning Standards
- Learning Resources

CEDS V.4 Stakeholders

- State Agencies
- Local Education Agencies
- Institutions of Higher Education
- U.S. Department of Education
- U.S. Health and Human Services
- U.S. Department of Labor
- Interoperability Standard Organizations
- Education Associations
- Foundations



CEDS

Career Technical Education

Benefits

- Encourage states to bring AE, workforce, and CTE into P-20/W state longitudinal data systems.
- Align with federal reporting requirements.
- Support important research questions/use cases.

CTE Work Groups - CEDDS V.3

- Convened work group of CTE state data administrators and federal representatives (2012-13)
- Reviewed existing secondary and postsecondary CEDDS elements
- Compared elements to Perkins IV reporting requirements
- Revised 14 existing elements and developed 15 new elements

Review: CEDDS V.3

- Adjusted CEDDS elements to fit CTE needs
- Updated existing CTE elements
- Created new element for technical skill assessment
- Mapped course/program elements to CTE

CTE Work Groups - CEDDS V.4

- Convened work group of CTE state data administrators and federal representatives (2013-14)
- Identified research questions and policy topics to guide element development/revision
- Revised 4 existing elements and developed 4 new elements

Review: CEDS V.4

- Reviewed/considered CEDS elements related to:
 - CTE teacher/instructor credentials
 - Dual credit/concurrent enrollment
 - CTE credentials and technical skill assessments
 - Career guidance/planning
 - CTE program identifiers/descriptions

Summary of CTE Data Elements

- Elements include information on:
 - CTE students
 - CTE staff
 - Programs
 - Courses
 - Course sections
- <https://cedds.ed.gov/elements.aspx>

Example:

CTE Participant

- Definition: An indication a student has met the state-defined threshold of Career and Technical Education participation as defined in the State's approved Perkins IV State Plan.
- Option Set: Yes, No

Example:

Instructor Industry Certification

- Definition: An indication of whether a Career and Technical Education (CTE) instructor holds a current industry-recognized credential related to their teaching field.
- Option Set: Yes, No



State Example

Colorado RISE System

- Effort led by Colorado Community College System to identify priorities and potential uses for integrating CTE data into RISE
 - Stakeholder engagement process
 - Secondary and postsecondary CTE administrators
 - Faculty
 - Counselors
 - State agency staff

Colorado RISE System (cont.)

- Data alignment review
 - Existing and planned RISE elements/use cases
 - Federal and state reporting requirements
 - National data initiatives (CEDDS)



Discussion

Discussion

- How are your states integrating CTE data into longitudinal data systems?
- How have or might your states use CEDDS?
- What areas are needed for further CEDDS element development in CTE?

Thank You!

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