

A-Measure Reports and Documentation

STATE LEVEL REPORTS FOR CONSOLIDATED ANNUAL REPORT (C.A.R.)

*Numerator and Denominator Counts as follows:

TOTAL

Male, Female, Gender Unknown

American Indian or Alaska Native, Asian, Hawaiian or Other Pacific Islander, Black or African-American, Hispanic, White, Two or More

Individuals With Disabilities

Economically Disadvantaged

Single Parents

Displaced Homemakers

Limited English Proficient

Nontraditional Enrollees

ACCOUNTABILITY REPORTS

1. Federal Report - Numerator and denominator counts by local education agency (LEA). Unduplicated to LEA and student ID.
2. Sub-Population Report - Numerator and denominator counts by LEA and sub-population. Unduplicated to LEA, sub-population, and student ID.
3. Local Report - Numerator and denominator counts by LEA and CTE program. Unduplicated to LEA, CIP code, and student ID.
4. Local Reports - Numerator and denominator counts by LEA and school of instruction. Unduplicated to LEA, school of instruction, and student ID.
5. Local Report - Numerator and denominator counts by LEA, school of instruction, and CTE program. Unduplicated to LEA, CIP code, school of instruction, and student ID.

ARCHIVES

Copies of all files used to make this calculation must be maintained for auditing purposes.

Business Rules – Postsecondary Concentrator (Clock)

Concentrator (Clock)

A postsecondary student who completes at least one-third of the academic and/or technical hours in a clock hour career and technical education program that terminates in the award of an industry recognized credential, certificate or degree.*

*Concentrator, participant, numerator, and denominator definitions are all from the State Plan

Data Tables Needed:

Data	Source
Table of all approved PSAV and ATD programs with total program lengths, including the number of clock hours that constitute one-third of the total required clock hours for program completion.	<i>CIP table provided by Bureau of Standards, Benchmarks, and Frameworks</i>

Data Needed for the Following Measures:

- 1A1 Technical Skill Attainment
- 2A1 Completion
- 3A1 Student Retention or Transfer
- 4A1 Placement
- 5A2 Nontraditional Completion

Operational Definition

Community Colleges

1. Enrolled in a valid PSAV or ATD certificate program of study. Validity is determined by matching to an annual table of valid program codes

AND

2. Enrolled in at least one college-credit course or clock hour course in reporting year or prior reporting year¹ with a value of 'NN' in data element 3004 (*Course Dual Enrollment Category*)

AND

¹ Prior year checked for students whose course(s) cross reporting years.

3. Accumulated at least one-third of the required clock hour in the PSAV/ATD certificate program reported. The one-third program hours value is from the Standards, Benchmarks, and Frameworks table. Accumulated program clock hours is from the Student Data Base data element 2007 (*Total Clock Hours Earned Toward Award*).

Districts

Exclude enrollments from districts that enroll postsecondary CTE students but do not receive Perkins funding. DCAE will provide list of districts to CCTCMIS.

1. Enrolled in a valid PSAV/ATD certificate program of study. Validity is determined by matching to annual table of valid program codes

AND

2. Earned at least one-third or more of the required clock hours in the PSAV/ATD certificate program reported. The one-third program hours value is from the Standards, Benchmarks, and Frameworks table. Accumulated program clock hours earned is determined by summing instructional hours earned with *Postsecondary Course Status* of "S" or "C" during the current year and previous two years including additional hours reported in *Supplemental Information* format.

AND

3. Enrolled in at least one clock hour course in the reporting year with a value of 'Z' in data element #115835 (*Dual Enrollment Indicator*).

Business Rules –CTE Participant (Clock)

Participant (Clock):

A postsecondary/adult student who has earned one (1) or more credits in any clock hour career and technical education program.*

*from State Plan

Data Needed for the Following Measures:

5A1 Nontraditional Participant

Operational Definition

Community Colleges

1. Enrolled in a valid PSAV or ATD certificate program of study. Validity is determined by matching to an annual table of valid program codes

AND

2. Earned at least one clock hour in the PSAV/ATD certificate program reported

AND

3. Enrolled in at least one college-credit course or clock hour course in reporting year (2010-11).

Districts

Exclude enrollments from districts that enroll postsecondary CTE students but do not receive Perkins funding. DCAE will provide list of districts to CCTCMIS.

1. Enrolled in a valid PSAV/ATD certificate program of study. Validity is determined by matching to annual table of valid program codes

AND

2. Earned at least one clock hour in the PSAV or ATD certificate program reported (instructional hours > 0) with *Postsecondary Course Status* of “S” or “C”

AND

3. Enrolled in at least one clock hour course in the reporting year (2010-11).

**Measure:
1A1: Technical Skill Attainment**

Numerator:

Number of CTE concentrators who 1) achieved at least one OCP in a Vocational Certificate (PSAV) program or 2) earned an industry certified credential through a third party assessment.

Denominator:

Number of CTE (clock hour) concentrators in the reporting year.

Data Tables:

Data	Source
Postsecondary CTE concentrators in Career Certificate Programs (clock hour only)	<i>CC Student Data Base</i> <i>District WDIS files</i> <i>Vocational Concentrator File</i>

Operational Definition

Denominator:

Students identified as CTE concentrators in reporting year (2010-11)

Numerator (of Students Identified in the Denominator):

1. Student reported with a valid post-secondary (PSAV or ATD) OCP in 2010-11, 2009-10, or 2008-09

OR

DISTRICTS

2a. Student was reported in 2010-11, 2009-10, or 2008-09 with a valid industry certification code found in Appendix Z in the *Industry Certification Identifier* element AND 'P' in the *Industry Certification Outcome* element in the program in which the student was a concentrator

COLLEGES

2b. Student was reported in a 2010-11, 2009-10, or 2008-09 supplemental file with a valid industry certification found in the Perkins inventory linked to the program in which the student was a concentrator.

2010-11 Perkins Accountability Measure Business Rules: **CLOCK-HOUR A-MEASURES**

NOTE: CREATE FIELD IN DATA SET THAT INDICATES IF A STUDENT WAS INCLUDED IN THE NUMERATOR THROUGH A THIRD-PARTY ASSESSMENT (#2A OR #2B ABOVE) OR OCP ATTAINMENT (#1 ABOVE). IF STUDENT MEETS BOTH STANDARDS, COUNT AS THIRD-PARTY ASSESSMENT.

**Measure:
2A1: Completion**

Numerator:

Number of CTE concentrators who received an industry-recognized credential or a certificate during the reporting year.

Denominator:

Number of CTE concentrators who left postsecondary education during the reporting year.

Data Tables

Data	Source
Postsecondary CTE concentrators in Career Certificate or ATD Certificate programs (clock hour only)	<i>CC Student Data Base District WDIS Vocational Concentrator File</i>

Operational Definition

Denominator:

1. Students enrolled in the reporting year (2010-11) and identified as CTE concentrators on the reporting year (2010-11) vocational concentrator file

AND

Community college concentrators

Were NOT found enrolled in the CTE program of concentration in the Student Data Base in summer or opening fall following the reporting year

District concentrators

Were not found enrolled in the CTE program of concentration in the F or G WDIS data submissions following the reporting year

Numerator (of Students Identified in the Denominator):

1. Were NOT found enrolled in the CTE program of concentration in the:
 - a. Community Colleges – Summer or Opening Fall Student Data Base
 - b. Districts – F or G WDIS data submissions

AND

2. Had a full program completion record on the appropriate (CC / WDIS) data base (if multiple completed programs, sort by date and select latest program completion reported).
 - a. Community Colleges – Data element 2103 (*Completion Degree Granted*) = '4' or '7' AND data element 2003 (*Program of Study – Hour Type*) = 'C'
 - b. Districts – PSAV or ATD completion reported – WDIS data element 185125 (*Full Program Completer*) = 'V' or 'A' (remove from numerator and denominator all completions reported from districts when the completion data from that district is suspect)
 - c. Districts – Allow for derived completion of Firefighter 2 (P430205, OCP B, and basic skills met)

ADDITIONAL STEPS FOR COLLEGE DATA:

1. Identify students with a completion record in 2010-11 but no corresponding enrollment.
2. Match those students to the 2009-10 concentrator file.
3. Add matched students (i.e. students with 2010-11 completion, no enrollments in 2010-11, and who were concentrators in 2009-10) to BOTH numerator and denominator of this measure.

Measure:
3A1: Retention and Transfer

Numerator

Number of CTE concentrators who remained enrolled in their original postsecondary institution or transferred to 2- or 4-year postsecondary institution during the reporting year and who were enrolled in postsecondary education in the previous reporting year.

Denominator:

Number of CTE concentrators from the prior year who did not earn an industry-recognized credential, a certificate, or a degree in the previous reporting year.

Data Tables

Data	Source
Postsecondary CTE concentrators in Career Certificate or ATD Certificate programs (clock hour only)	<i>CC Student Data Base District WDIS Vocational Concentrator File FETPIP</i>

Operational Definition

Denominator:

1. Students enrolled in prior year (2009-10) and identified as CTE concentrators on the prior year (2009-10) vocational concentrator file

AND

2. Students did NOT obtain a certificate or industry recognized credential in the CTE program of concentration during the prior year (2009-10)
 - a. Community Colleges – Data element 2103 (*Completion Degree Granted*) NOT EQUAL to ‘4 – Voc Certificate’ or ‘7-ATD’ AND data element 2003 (*Program of Study – Hour Type*) EQUAL TO ‘C-Instructional Clock Hours’ for prior year (2008-09).
 - b. Districts – No PSAV or ATD completion reported – WDIS data element *Full Program Completer* (No. 185125) is NOT EQUAL to ‘V’ or ‘A’ (remove from numerator and denominator all completions reported from districts when the completion data from that district is suspect)

ADDITIONAL STEPS FOR COLLEGE DATA:

1. Identify prior year concentrators with no completion record in 2009-10.
2. Look for completions reported for these students in the 2010-11 summer term with no corresponding enrollment.
3. Subtract matched students (i.e. 2009-10 concentrators with a completion record in 2010-11 summer but no enrollment) from the calculation for this measure.

Numerator (of Students Identified in the Denominator with Valid SSN):

1. Were found enrolled at their original postsecondary institution during the reporting year (2009-10) – FETPIP will pull **institution code** and **program level**
 - a. Community college - AA, AS, AAS, CCC, ATD, Linkage, Awaiting Limited Access, ATC, BA, EPI, PSAV, apprenticeship
 - b. Districts - PSAV, ATD, or apprenticeship program

OR

2. Were identified as having transferred during the reporting year (2010-11):
 - a. From one tech center to another tech center or from one community college to another community college
 - b. From a tech center to a community college or from a community college to a tech center

OR

3. Were identified in FETPIP as having transferred to an SUS, ICUF, or CIE institution during the reporting year (2010-11)



**Measure:
4A1: Student Placement**

Numerator:

Number of CTE concentrators from the prior year who received a credential, degree or certificate who were placed in postsecondary education, employment and/or military service in the 2nd quarter (October-December) after leaving postsecondary education.

Denominator:

Number of CTE concentrators from the prior year who received a credential, degree or certificate.

Data Tables

Data	Source
Prior year Postsecondary CTE concentrators in Career Certificate Programs (clock hour only)	<i>CCTCMIS</i>
Placement data	<i>FETPIP</i>

Reporting Requirements

Denominator equals numerator of 2A1 from prior year with valid SSN

Numerator (of students identified in the denominator with valid SSN):

In the second quarter (October-December) of 2010-11, placed in (FETPIP):

- postsecondary education – FETPIP will pull **institution** and **program level**
 - District Adult Certificate (PSAV/ATD)
 - District Apprenticeship
 - Community College – College Credit Programs (A&P, PSV)
 - Community College Adult Certificate (PSAV)
 - Community College Apprenticeship
 - State University Degree
 - Private FRAG eligible institution (note program)
 - CIE institution (note program)
 - ~~OUT OF STATE (National Clearinghouse)~~ FETPIP no longer matches to the clearinghouse
- reported on the unemployment wage database with any employment record employment, and/or reported with a military service record

Measures:

5A1 – Non-Traditional Participation

5A2 – Non-Traditional Completion

5A1 – Non-Traditional Participation

Numerator:

Number of CTE participants from underrepresented gender groups in clock hour programs that lead to employment in nontraditional fields during the reporting year.

Denominator:

Number of CTE participants in clock hour programs that lead to employment in nontraditional fields during the reporting year.

5A2 – Non-Traditional Completion

Numerator:

Number of CTE concentrators who received an industry-recognized credential or a certificate in clock hour programs identified as non-traditional for their gender.

Denominator:

Number of CTE concentrators in clock hour programs identified as non-traditional for their gender.

Data Tables

Data	Source
Postsecondary CTE participants and concentrators in clock hours programs	<i>CC Student Data Base District WDIS Vocational Concentrator File Vocational Participant File</i>
Non-Traditional Program Table	<i>SBF/ CCTCMIS</i>

Operational Definition

5A1 – Non-Traditional Participation

Denominator:

1. In reporting year (2010-11) participant file

AND

2. Enrolled in program on non-traditional program file

Numerator (of Students Identified in the Denominator):

1. CTE participant is female and in a program designated as non-traditional for females

OR

2. CTE participant is male and in a program designated as non-traditional for males

5A2 – Non-Traditional Completion (equals non-traditional counts of the numerator and denominator of 2A1)

Denominator:

1. In reporting year (2010-11) concentrator file

AND

2. Female and in a program designated as non-traditional for females

OR

3. Male and in a program designated as non-traditional for males

Numerator (of Students Identified in the Denominator):

3. Had a full program completion record on the appropriate (CC / WDIS) data base in the reporting year (2010-11)
 - a. Community Colleges – Data element 2103 (*Completion Degree Granted*) = '4' or '7' AND data element 2003 (*Program of Study – Hour Type*) = 'C'
 - b. Districts – PSAV or ATD completion reported – WDIS data element 185125 (*Full Program Completer*) = 'V' or 'A' (remove from numerator and denominator all completions reported from districts when the completion data from that district is suspect)
 - c. Districts – Allow for derived completion of Firefighter 2 (P430205, OCP B, and basic skills met)