

## **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<sup>1</sup>

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.

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<sup>1</sup> Based on students reported with a value of A, B, C or I on the CTE/AGE, Disability Student Data Element

## **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:**

<b>Data</b>	<b>Source</b>
Table of all approved PSAV and ATD programs with total program lengths	<i>DCAE</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**

### **Colleges**

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

1. Enrolled in a Perkins-eligible 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 year<sup>2</sup> with a value of 'NN' in data element 3004  
(*Course Dual Enrollment Category*)

**AND**

3. Accumulated at least one-third of the required clock hour in the PSAV/ATD certificate program reported. Accumulated program clock hours is from the

<sup>2</sup> Prior year checked for students whose course(s) cross reporting years.

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 PERA.

1. Enrolled in a Perkins-eligible 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. 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**

**Exclude enrollments from districts and colleges that enroll postsecondary CTE students but do not receive Perkins funding. DCAE will provide list of LEAs to PERA.**

#### ***Colleges***

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

**AND**

2. Earned at least one instructional 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 (2016-17).

#### ***Districts***

1. Enrolled in a Perkins-eligible PSAV/ATD certificate program of study for at least one instructional hour with *Postsecondary Course Status* of “S” or “C” in 2016-17. Perkins-eligible programs are determined by matching to annual table of valid program codes provided by DCAE

**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>CTE Concentrator File</i>

**Operational Definition**

Denominator:

Students identified as CTE concentrators in reporting year (2016-17)

Numerator (of Students Identified in the Denominator):

1. Student reported with a valid post-secondary (PSAV or ATD) OCP in 2016-17, 2015-16, or 2014-15

OR

DISTRICTS

- 2a. Student was reported in 2017-18 (Survey F), 2016-17, 2015-16, or 2014-15, with a valid industry certification code found in Appendix Z (WDIS) 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 2016-17, 2015-16, or 2014-15 supplemental file with a valid industry certification found in the Perkins inventory linked to the program in which the student was a concentrator.

OR

2016-17 Perkins Accountability Measure Business Rules: **CLOCK-HOUR A-MEASURES**

Student was reported in 2016-17 in the SDB Submission 4, Record Type 9, Data Element #3302 with a valid industry certification code and Data Element #3304 with a value of 'P'

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**

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

**Operational Definition**

***Denominator:***

1. Students enrolled in the reporting year (2016-17) and identified as CTE concentrators on the reporting year (2016-17) CTE concentrator file

**AND**

**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

\*NOTE: If a district or college did not submit summer or preliminary fall enrollment data, all of their concentrators will be included in the denominator as leavers.

***Numerator (of Students Identified in the Denominator):***

1. Were NOT found enrolled in the CTE program of concentration in the:
  - a. 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 (FCS / WDIS) data base.
  - a. Colleges – Data element 2103 (*Completion Degree Granted*) = '4' or '7' AND data element 2003 (*Program of Study – Hour Type*) = 'C'. If multiple completed programs, sort by date and select latest program completion reported.
  - 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 (P430205, OCP B, and basic skills met)

**ADDITIONAL STEPS FOR COLLEGE DATA:**

1. Identify students with a completion record in 2016-17 but no corresponding enrollment.
2. Match those students to the 2015-16 concentrator file.
3. Add matched students (i.e. students with 2016-17 completion, no enrollments in 2016-17, and who were concentrators in 2015-16) 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>FCS Student Data Base</i> <i>District WDIS</i> <i>CTE Concentrator File</i> <i>FETPIP</i>

**Operational Definition**

Denominator:

1. Students enrolled in prior year (2015-16) and identified as CTE concentrators on the prior year (2015-16) 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 (2015-16)
  - a. 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 (2013-14).
  - 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 2015-16.
2. Look for completions reported for these students in the 2016-17 summer term with no corresponding enrollment.
3. Subtract matched students (i.e. 2015-16 concentrators with a completion record in 2016-17 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 (2016-17) – FETPIP will pull **institution code** and **program level**
  - a. 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 (2016-17):
  - a. From one tech center to another tech center or from one college to another college
  - b. From a tech center to a college or from a 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 (2016-17)

**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>PERA</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 2016-17, placed in (FETPIP):

- postsecondary education – FETPIP will pull **institution** and **program level**
  - District Adult Certificate (PSAV/ATD)
  - District Apprenticeship
  - FCS – College Credit Programs (A&P, PSV)
  - FCS Adult Certificate (PSAV)
  - FCS Apprenticeship
  - State University Degree
  - Private FRAG eligible institution (note program)
  - CIE institution (note program)
- 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**

<b>Data</b>	<b>Source</b>
Postsecondary CTE participants and concentrators in clock hours programs	<i>CC Student Data Base District WDIS CTE Concentrator File CTE Participant File</i>
CIP Table with Non-Traditional Program Field	DCAE

**Operational Definition**

**5A1 – Non-Traditional Participation**

Denominator:

1. In reporting year (2016-17) participant file

**AND**

2. CTE participant in a program identified as non-traditional in the CIP Table provided by DCAE. Source of data: National Alliance for Partnerships in Equity

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 (2016-17) 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 (FCS / WDIS) data base in the reporting year (2016-17)
  - a. 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)

2016-17 Perkins Accountability Measure Business Rules: **CLOCK-HOUR A-MEASURES**

- c. Districts – Allow for derived completion of Firefighter (P430205, OCP B, and basic skills met)