

## **P-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, Native Hawaiian or Other Pacific Islander,  
Black or African-American, Hispanic, White, Two or More

Individuals With Disabilities

Economically Disadvantaged

Single Parents

Limited English Proficient

Nontraditional Enrollees

See “Definitions” section for more information about gender/race reporting and special populations.

### ACCOUNTABILITY REPORTS

- 1) Numerator and Denominator Counts by Local Education Agency (LEA)
- 2) Numerator and Denominator Counts by LEA and CTE Program
- 3) Subpopulation Numerator and Denominator Counts by LEA

### ARCHIVES

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

## Business Rules – Postsecondary Concentrator (Credit)

### Concentrator (Credit – Colleges Only):

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

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

#### Data Tables Needed:

Data	Source
Table of all approved degree and college credit certificate programs with total program lengths.	DCAE

#### Data Needed for the Following Measures:

- 1P1 Technical Skill Attainment
- 2P1 Completion
- 3P1 Student Retention or Transfer
- 4P1 Placement
- 5P2 Non-traditional Completion

### Operational Definition

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

#### Operational Criteria for Identifying Postsecondary CTE Concentrator (Credit):

- 1) Declared degree or college-credit certificate program of study—data element 2005, codes 1, A, 8, and D.

**AND**

- 2) Enrolled in at least one college credit or clock hour course in the reporting year (2016-17) with a value of 'NN' in data element #3004 (*Course Dual Enrollment Category*).

**AND**

- 3) Earned one-third of credits, data element #2008 (*Total Credit Hours Toward Award*), in the declared degree or college credit certificate program.

***Unduplication:***

From the program records all level 1, 8, A, and D (and hour type = 'S') values with a valid vocational CIP cluster and hours earned > one-third of the program are extracted. The latest term program record is kept and the file unduplicated to CC, ID, and CIP for a file of declared students.

***Databases Used:*** FCS Student Database

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**Measure:**  
**1P1 – Technical Skill Attainment**

***Numerator:***

Number of CTE concentrators who 1) earned 75 percent of the program hours required with a grade point average of 2.5 or higher or 2) earned an industry certified credential through a third party assessment.

***Denominator:***

Number of CTE concentrators during the reporting year.

***Data Tables Needed:***

Data	Source
CTE concentrators based on 1/3 of the framework college credit hours required for completion	PERA / DCAE

**Operational Definition**

Denominator:

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

Numerator (of Students Identified in the Denominator):

1) If the number in FCS SDB data element 2008 (*Total Credit Hours Toward Award*) is equal to or greater than 0.75 multiplied by the Framework hours

**AND**

2) Data element 1030 (*Total Institutional Grade Points*) divided by data element 1031 (*Total Institutional Hours for GPA*) is greater than or equal to 2.5

**OR**

3) Student was reported in 2016-17, 2015-16, or 2014-15 with a valid industry certification code found in the Perkins TSA credit inventory valid for the program in which the student was a concentrator.

NOTE: CREATE FIELD IN DATA SET THAT INDICATES IF A STUDENT WAS INCLUDED IN THE NUMERATOR THROUGH A THIRD-PARTY ASSESSMENT (#3 ABOVE) OR OCP ATTAINMENT (#1 AND #2 ABOVE). IF STUDENT MET BOTH STANDARDS, COUNT AS THIRD-PARTY ASSESSMENT.

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**Measure:  
2P1 – Completion**

***Numerator:***

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

***Denominator:***

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

***Data Tables Needed:***

Data	Source
CTE concentrators	PERA / DCAE

**Operational Definition**

Denominator:

- 1) Students in CTE concentrator file

**AND**

- 2) Not found in the CTE program of concentration in the FCS Student Data Base in the summer or fall following the reporting year (2016-17)

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

Numerator (of Students Identified in the Denominator):

- 1) Data element 2103 (Completion Degree Granted) = 2, 3, 7, or A<sup>1</sup>

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<sup>1</sup> 2=AS degree; 3=Credit Certificate; 7=Applied Technology Diploma; A=AAS degree

**Measure:**  
**3P1 – Retention and Transfer**

***Numerator:***

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

Data	Source
CTE concentrators & transfer to colleges or SUS	<i>PERA / DCAE</i>
Four-year institution enrollment	<i>FETPIP</i>

**Operational Definition**

Denominator:

- 1) Students identified as concentrators for the year previous to the reporting year (2015-16)

**AND**

- 2) Data element 2103 (*Completion Degree Granted*) is NOT equal to 2, 3, 7, or A in year previous to the reporting year (2015-16)

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

- 1) Remain enrolled in original college (AA, AS, AAS, CCC, ATD, Linkage, Awaiting Limited Access, ATC, BA, EPI, PSAV, apprenticeship) in reporting year (2016-17) – if done by FETPIP, pull **institution code** and **program level**

**OR**

- 2) Transfer to another college (AA, AS, AAS, CCC, ATD, Linkage, Awaiting Limited Access, ATC, BA, EPI, PSAV, apprenticeship) or SUS institution in reporting year

2016-17 Perkins Accountability Measure Business Rules: **COLLEGE CREDIT P-MEASURES**

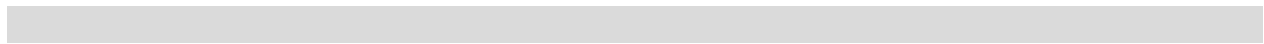
(2016-17) – if done by FETPIP, base on institution code and program level (PERA)

**OR**

- 3) Transfer to an ICUF or CIE institution in reporting year (2016-17) – undergraduate only (FETPIP match)

**OR**

- 4) Transfer to district PSAV, ATD, or apprenticeship program in reporting year (2016-17) (PERA)





**Measure:**  
**4P1 – 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 Needed:**

Data	Source
CTE concentrators	<i>PERA / DCAE</i>
FCS student course records	<i>PERA</i>
Post-completion placement	<i>FETPIP</i>

**Operational Definition**

Denominator (equals prior year 2P1 with valid SSN):

- 1) CTE concentrator file from the year prior to the reporting year (2015-16)

**AND**

- 2) In the year prior to the reporting year (2015-16), data element 2103 (*Completion Degree Granted*) = 2, 3, 7, or A

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

In the second quarter (October-December) of 2016-17, placed in (FETPIP):

- postsecondary education – 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 (could have \$0 wages), and/or reported with a military service record
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**Measure:**  
**5P1 – Nontraditional Participation**

***Numerator:***

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

***Denominator:***

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

***Data Tables Needed:***

Data	Source
CIP Table with Non-Traditional Program Field	DCAE

**Operational Definition**

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

Denominator:

- 1) Declared degree or college-credit certificate program of study—data element 2005, codes 1, A, 8, and D

**AND**

- 2) Enrolled in a college-credit course in reporting year (2016-17)

**AND**

- 3) Total hours earned toward award of one or more—data element 2008 (*Total Credit Hours Toward Award*) > 0

**AND**

- 4) Enrolled in 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.
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**Measure:**  
**5P2 – Nontraditional Completion**

***Numerator:***

Number of CTE concentrators who received an industry-recognized credential, certificate, or degree in college credit programs identified as non-traditional for their gender.

***Denominator:***

Number of CTE concentrators in college credit programs identified as non-traditional for their gender.

***Data Tables Needed:***

Data	Source
CTE concentrators	PERA / DCAE
Nontraditional Program Table	PERA / DCAE

**Operational Definition**

Equals non-traditional student subset of 2P1.

Denominator:

- 1) In 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):

Data element 2103 (*Completion Degree Granted*) = 2, 3, 7, or A