



**2011-2012 Adult Career-Technical Education
(CTE) Performance Calculations**

**Adult Workforce Education Career Development
Indicators of Performance
Calculations Documentation**

Ohio Board of Regents, Adult Workforce Education

Ohio Department of Education, Office of Career-Technical Education

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**2011-2012 Adult Career-Technical Education (CTE) Performance
Calculations
Adult Workforce Education (AWE) Career Development
Indicators of Performance**

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2011-2012 Adult Career-Technical Education (CTE) Performance Calculations

Adult Workforce Education (AWE) Career Development Indicators of Performance

The 2011-2012 Adult Workforce Education (AWE) Career Development performance calculations – including data for the FY2012 Adult Career-Technical Planning District (CTPD) and Adult Consortia Performance Reports, the Perkins Consolidated Annual Report (CAR) and the FY2011-FY2012 AWE Performance Target Worksheets – are compiled from information submitted through the Adult Workforce Education (AWE) Data System. The programs were in operation from July 1, 2011, through June 30, 2012.

KEY DEFINITIONS

CAREER-TECHNICAL EDUCATION (CTE)

This definition is from the *Carl D. Perkins Career and Technical Education Improvement Act of 2006*:

The term ‘career and technical education’ means organized educational activities that--

- (A) offer a sequence of courses that--
 - (i) provides individuals with coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions;
 - (ii) provides technical skill proficiency, an industry-recognized credential, a certificate, or an associate degree; and
 - (iii) may include prerequisite courses (other than a remedial course) that meet the requirements of this subparagraph; and
- (B) include competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of an industry, including entrepreneurship, of an individual.

Adult Workforce Education (AWE) Career Development Program

All course records identified with a course type “1” – Career Development – are included in the calculations of the AWE indicators of performance.

Program Areas	Subject Codes
1-Agriculture Education	01XXXX
2-Business Education	14XXXX
3-Family&Consumer Sciences	09XXXX
4-Health Careers	07XXXX (excluding 070907 & 070997- Public Safety classes)
5-Marketing	04XXXX
6-Public Safety	0709XX & 1728XX
7-Industrial and Engineering	17XXXX (excluding 1728XX - Public Safety classes)
8-Adult Workforce Education	179911 (ONOW) & 990313 (Transitions)

NOTE: To be included in CTE performance calculations, AWE Career Development courses must be approved by CTE state staff and be funded with CTE State funds.

CTE Participant

Definition: A postsecondary/adult student who has completed a minimum of 10 percent of an adult workforce education career development program.

From FY2012 AWE Data System:

A postsecondary/adult student who is enrolled in an approved and funded AWE career development program that terminates in the awarding of an industry-recognized certificate or license and/or a state recognized technical assessment.

AND

Number of hours reported for the student meets or exceeds ten percent (10%) of the number of course hours reported for the program.

CTE Concentrator

Definition: A postsecondary/adult student who has completed a minimum of 20% of an adult workforce education career development program that terminates in the award of an industry-recognized certificate or license.

From FY2012 AWE Data System:

A postsecondary/adult student who is enrolled in an approved career development program that terminates in the awarding of an industry-recognized certificate or license and /or state recognized technical assessment.

AND

Number of hours reported for the student meets or exceeds twenty percent (20%) of the number of course hours reported for the program.

CTE Concentrator Who Left AWE Career Development Program

Definition: A CTE Concentrator who has left AWE Career Development

From FY2012 AWE Data System:

A postsecondary/adult student who is determined to be a CTE concentrator and who is reported as a completer (C) or leaver (L) during the reporting year.

OR

If reported as a Transfer (T) in the previous year and reported as a completer (C) or leaver (L) during the reporting year with zero (0) student hours in the reporting year.

2011-2012 AWE Career Development Student Counts
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**FY2012 ADULT WORKFORCE EDUCATION (AWE) CAREER DEVELOPMENT
STUDENT COUNTS**

Total CTE Participants (unduplicated)

Total number of students determined to be CTE Participants. If a student is a CTE Participant in more than one AWE career development program, the student is counted only one time.

Total CTE Concentrators (unduplicated)

Total number of students determined to be CTE Concentrators. If a student is a CTE Concentrator in more than one AWE career development program, the student is counted only one time.

Total CTE Concentrators Who Left AWE Career Development Program (unduplicated)

Total number of students determined to be CTE Concentrators Who Left AWE Career Development. If a student is a CTE Concentrator in more than one AWE career development program, the student is counted only one time.

2011-2012 AWE CAREER DEVELOPMENT PERKINS CORE INDICATORS OF PERFORMANCE

TECHNICAL SKILL ATTAINMENT (1A1)

- Definition:** Percentage of CTE Concentrators who left adult workforce education in the reporting year and passed a State-recognized technical skill assessment.
- Numerator:** Number of CTE Concentrators who left adult workforce education in the reporting year and passed State-recognized technical skill assessments.
- Denominator:** Number of CTE Concentrators who left adult workforce education in the reporting year and took State-recognized technical skill assessments.

From FY2012 AWE Data System:

- Numerator:** CTE Concentrators Who Left AWE programs and are reported as having (Taken) a Technical Assessment and (Met Level); or reported as (Passed) for Industrial Credentials
- Denominator:** CTE Concentrators Who Left AWE programs and are reported as having (Taken) a Technical Assessment or reported as (Passed) or (Failed) for Industrial Credentials

CREDENTIAL, CERTIFICATE, OR DEGREE (2A1)

- Definition:** Percentage of CTE Concentrators who left adult workforce education in the reporting year and received an industry-recognized certificate or license.
- Numerator:** Number of CTE Concentrators who left adult workforce education in the reporting year and received an industry-recognized certificate or license.
- Denominator:** Number of CTE Concentrators who left adult workforce education in the reporting year.

From FY2012 AWE Data System:

- Numerator:** CTE Concentrators Who Left AWE programs in the reporting year and *Passed* an Industry Credential
- Denominator:** CTE Concentrators Who Left AWE programs in the reporting year.

STUDENT RETENTION OR TRANSFER (3A1)

Definition: Percentage of status-known CTE Concentrators enrolled in adult workforce education the previous year who did not earn an industry-recognized certificate or license, and who, during the reporting year, remained enrolled in the same adult workforce education institution or transferred to another adult workforce education institution or a 2- or 4-year postsecondary institution.

Numerator: Number of status-known CTE Concentrators enrolled in adult workforce education the previous year and who, during the reporting year, remained enrolled in the same adult workforce education institution or transferred to another adult workforce education institution or a 2- or 4-year postsecondary institution.

Denominator: Number of status-known CTE Concentrators enrolled in adult workforce education the previous year and who, in the previous year, did not earn an industry-recognized certificate or license.

From FY2011 and FY2012 AWE Data System:

Numerator: CTE Concentrators the previous year (FY2011) who were reported as transfers (T) and in the current (reporting) year (FY2012) are enrolled (reported as completers (C), leavers (L) or transfers (T)).

Denominator: CTE Concentrators the previous year (FY2011) who were reported as transfers (T).

STUDENT PLACEMENT (4A1)

Definition: Percentage of status-known CTE Concentrators who were employed, in military service or in apprenticeship programs in the second (2nd) quarter following the program year in which they left adult workforce education.

Numerator: Number of status-known CTE Concentrators who were employed, in military service or in apprenticeship programs in the second (2nd) quarter following the program year in which they left adult workforce education.

Denominator: Number of status-known CTE Concentrators who, in the previous year, left adult workforce education.

From FY2012 VE23 Placement Follow-Up data in the AWE Data System:

Numerator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 1 thru 8 on Post Program Placement

Denominator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 1 thru 13 on Post Program Placement

Post Program Placement (reporting options):

- 1) Entered military related
- 2) Entered military non-related
- 3) Employed related and pursuing related education
- 4) Employed related and pursuing non-related education
- 5) Employed related and not pursuing additional education
- 6) Employed non-related and pursuing related education

- 7) Employed non-related and pursuing non-related education
- 8) Employed non-related and not pursuing additional education
- 9) Not working and pursuing related education
- 10) Not working and pursuing non-related education
- 11) Not working, but actively seeking employment
- 12) Not working, not seeking employment (i.e., vagrant, incarcerated, welfare)
- 13) In the voluntary labor force (i.e., work of the family, Peace Corps)
- 14) Status unknown
- 15) Deceased

DISAGGREGATED PLACEMENT DATA – Employment, Military and Placement Status Known

EMPLOYMENT (Not an Indicator of Performance)

Definition: Percentage of status-known CTE Concentrators who were employed in the second (2nd) quarter following the program year in which they left adult workforce education.

Numerator: Number of status-known CTE Concentrators who were employed in the second (2nd) quarter following the program year in which they left adult workforce education.

Denominator: Number of status-known CTE Concentrators who, in the previous year, left adult workforce education.

From FY2012 VE23 Placement Follow-Up data in the AWE Data System:

Numerator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 3 thru 8 on Post Program Placement

Denominator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 1 thru 13 on Post Program Placement

MILITARY (Not an Indicator of Performance)

Definition: Percentage of status-known CTE Concentrators who were in the military in the second (2nd) quarter following the program year in which they left adult workforce education.

Numerator: Number of status-known CTE Concentrators who were in the military in the second (2nd) quarter following the program year in which they left adult workforce education.

Denominator: Number of status-known CTE Concentrators who, in the previous year, left adult workforce education.

From FY2012 VE23 Placement Follow-Up data in the AWE Data System:

Numerator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 1 thru 2 on Post Program Placement

Denominator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 1 thru 13 on Post Program Placement

PLACEMENT STATUS KNOWN (Not an Indicator of Performance)

'Placement Status Known' is the percentage of CTE Concentrators who left Adult Workforce Education the previous year and whose placement status is known. The Student Placement (4A1) calculation is based on the status known reported through the VE-23 process in the AWE Data System. Placement Status Known is not a CTE indicator of performance, but provides an indication of the reliability of the Student Placement (4A1) performance results. Generally, the higher rate of placement status known, the more reliable the Student Placement (4A1) performance results.

Definition: The percentage of placement status-known CTE Concentrators who left Adult Workforce Education (AWE) Career Development the previous year.

Numerator: The number of placement status-known CTE Concentrators who left Adult Workforce Education (AWE) the previous year.

Denominator: The number of CTE Concentrators who left Adult Workforce Education (AWE) the previous year.

From FY2012 AWE Data System:

Numerator: CTE Concentrators Who Left AWE the previous year and who were reported as 1 thru 13 on Post Program Placement.

Denominator: CTE Concentrators Who Left AWE the previous year and who were reported as 1 thru 13 and 15 on Post Program Placement.

NONTRADITIONAL PARTICIPATION (5A1)

Definition: Percentage of CTE Participants from underrepresented gender groups in the reporting year who participated in a CTE program that leads to employment in nontraditional fields.

Numerator: Number of CTE Participants from underrepresented gender groups in the reporting year who participated in an adult workforce education program that leads to employment in nontraditional fields.

Denominator: Number of CTE Participants in the reporting year who participated in an adult workforce education program that leads to employment in nontraditional fields.

See Appendix C for FY2012 Lists of Male and Female Nontraditional CTE Programs.

From FY2012 AWE Data System:

Numerator: Female CTE Participants in Female nontraditional CTE programs + Male CTE Participants in Male nontraditional CTE programs.

Denominator: Total CTE Participants in Female and Male nontraditional CTE programs.

NONTRADITIONAL COMPLETION (5A2)

Definition: Percentage of CTE Concentrators from underrepresented gender groups in the reporting year who completed a CTE program that leads to employment in nontraditional fields.

Numerator: Number of CTE Concentrators from underrepresented gender groups in the reporting year who completed an adult workforce education program that leads to employment in nontraditional fields.

Denominator: Number of CTE Concentrators in the reporting year who completed an adult workforce education program that leads to employment in nontraditional fields.

See Appendix C for FY2012 Lists of Male and Female Nontraditional CTE Programs.

From FY2011 AWE Data System:

Numerator: Female CTE Concentrators in Female nontraditional CTE programs who are reported as completers + Male CTE Concentrators in Male nontraditional CTE programs who are reported as completers (C).

Denominator: Total CTE Concentrators in Female and Male nontraditional CTE programs who are reported as completers (C).

MET 90 PERCENT (90%) OF 2011-2012 PERFORMANCE TARGET

If a state or local fails to meet at least 90 percent of the performance target for any of the Perkins core indicators of performance, a program improvement plan (with special consideration to performance gaps) must be developed and implemented. Subsequent action may be taken in future years if the state or local fails to meet at least 90 percent for any indicator.

To calculate:

YES (Met 90%) = 2011-2012 Performance Rate \geq 90% of 2011-2012 Performance Target

NO (Did Not Meet 90%) = 2011-2012 Performance Rate $<$ 90% of 2011-2012 Performance Target

ADULT WORKFORCE EDUCATION CAREER DEVELOPMENT STATE QUALITY INDICATORS

ACADEMIC ATTAINMENT--WORKKEYS RESULTS (State Indicator 1)

Definition: Percentage of CTE Concentrators who left Adult Workforce Education and met the passing level of the WorkKeys assessments.

Numerator: Number of CTE Concentrators who left Adult Workforce Education and met the passing level of the WorkKeys assessments.

Denominator: Number of CTE Concentrators who left Adult Workforce Education and took the WorkKeys assessments.

From FY2012 AWE Data System:

Numerator: CTE Concentrators in the reporting year who were reported as completers (C) or Leavers (L) and who met the passing level of the Applied Math (AM) and Locating Information (LI) WorkKeys Assessments.

Denominator: CTE Concentrators in the reporting year who were reported as completers (C) or Leavers (L) and who took the Applied Math (AM) and Locating Information (LI) WorkKeys Assessments.

STUDENT PLACEMENT IN POSTSECONDARY EDUCATION (State Indicator 2)

Definition: Percentage of status-known CTE Concentrators who enrolled in postsecondary education or advanced training in the second (2nd) quarter following the program year in which they left adult workforce education.

Numerator: Number of status-known CTE Concentrators who were enrolled in postsecondary education or advanced training in the second (2nd) quarter following the program year in which they left adult workforce education.

Denominator: Number of status-known CTE Concentrators who, in the previous year, left adult workforce education.

From FY2012 VE23 Placement Follow-Up data in the AWE Data System:

Numerator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 3, 4, 6, 7, 9 or 10 on Post Program Placement.

Denominator: CTE Concentrators Who Left AWE the previous year (FY2011) and who were reported as 1 through 13 on Post Program Placement.

Post Program Placement (reporting options):

- 1) Entered military related
- 2) Entered military non-related
- 3) Employed related and pursuing related education
- 4) Employed related and pursuing non-related education
- 5) Employed related and not pursuing additional education
- 6) Employed non-related and pursuing related education
- 7) Employed non-related and pursuing non-related education
- 8) Employed non-related and not pursuing additional education
- 9) Not working and pursuing related education
- 10) Not working and pursuing non-related education
- 11) Not working, but actively seeking employment
- 12) Not working, not seeking employment (i.e., vagrant, incarcerated, welfare)
- 13) In the voluntary labor force (i.e., work of the family, Peace Corps)
- 14) Status unknown
- 15) Deceased

2011-2012 PERKINS CONSOLIDATED ANNUAL REPORT (CAR)

AWE CTE data must be reported to the U. S. Department of Education by December 31, 2012.

STUDENT ENROLLMENT FORMS

Statewide – Calculate for all entities (including Corrections, CTPD 602).

Local – Calculate for each CTPD and each Adult Consortium.

CTE Participants – Number of **AWE CTE Participants** in each student subgroup:

Male

Female

American Indian/Native Alaskan (Titled *Native American* in the AWE Reporting System)

Asian/Pacific Islander

Black (Non-Hispanic)

Hispanic

White (Titled *White-Non Hispanic* in the AWE Reporting System)

Multiracial

Individuals with Disabilities – Americans with Disabilities Act (ADA)

Economically Disadvantaged (Titled as *Disadvantaged* in the AWE Reporting System)

Single Parents

Displaced Homemakers

Limited English Proficient

Nontraditional CTE Enrollees – Based on CTE Participants

CTE Concentrators – Number of **Male** and **Female AWE CTE Concentrators** in each of the 16 career fields (count each CTE Concentrator in only one career field):

Agricultural & Environmental Systems

Arts & Communication

Business & Administrative Services

Construction Technologies

Education & Training

Engineering & Science Technologies

Finance

Government and Public Administration

Health Science

Hospitality & Tourism

Human Services

Information Technology

Law & Public Safety

Manufacturing Technologies

Marketing

Transportation Systems

STUDENT ACCOUNTABILITY FORMS

Number of Students in the Numerator and Denominator in each student subgroup, for each adult core indicator of performance:

Technical Skill Attainment (1A1)

Credential, Certificate or Degree (2A1)

Student Retention or Transfer (3A1)

Student Placement (4A1)

Nontraditional Participation (5A1)

Nontraditional Completion (5A2)

CTE ADULT WORKFORCE EDUCATION CAREER DEVELOPMENT DATA BY STUDENT SUBGROUPS

FY2012 STUDENT SUBGROUP PERFORMANCE RATES

Performance rates for each indicator of performance are disaggregated for each required student subgroup.

- Gender subgroups (male, female) – Student may be counted in only one subgroup.
- Race/ethnicity subgroups (African-American, American Indian/Native Alaskan, Asian/Pacific Islander, Hispanic, Multi-Racial, White) – Student may be counted in only one subgroup.
- Special populations subgroups (individuals with disabilities, economically disadvantaged, single parents, displaced homemakers, limited English proficient, nontraditional CTE enrollee) – Student may be counted in more than one subgroup.
- Nontraditional CTE Enrollees – Student is a CTE Concentrator Who Left AWE in the reporting year and was a Nontraditional Participant (in the numerator of 5A1, Nontraditional Participation) in the reporting year.

The FY2011 Perkins indicators of performance are:

- Technical Skill Attainment (1A1)
- Credential, Certificate or Degree (2A1)
- Student Retention or Transfer (3A1)
- Student Placement (4A1)
- Nontraditional Participation (5A1)
- Nontraditional Completion (5A2)

Performance results are calculated for each of these student subgroups:

Student Subgroups	1A1 ¹	2A1 ¹	3A1 ¹	4A1 ²	5A1 ³	5A2 ¹	WorkKeys
Male	X	X	X	X	X	X	X
Female	X	X	X	X	X	X	X
American Indian/Native Alaskan	X	X	X	X	X	X	X
Asian/Pacific Islander	X	X	X	X	X	X	X
Black (Non-Hispanic)	X	X	X	X	X	X	X
Hispanic	X	X	X	X	X	X	X
White	X	X	X	X	X	X	X
Multiracial	X	X	X	X	X	X	X
Individuals with Disabilities (ADA)	X	X	X	X	X	X	X
Economically Disadvantaged	X	X	X	X	X	X	X
Single Parents	X	X	X	X	X	X	X
Displaced Homemakers	X	X	X	X	X	X	X
Limited English Proficient	X	X	X	X	X	X	X
Nontraditional CTE Enrollees	X	X	X	X	NC ⁴	NC ⁴	X

¹ CTE Concentrators Who Left Adult Workforce Education in the reporting year.

² CTE Concentrators Who Left Adult Workforce Education the previous year.

³ CTE Participants in the reporting year.

⁴ Not calculated – Nontraditional CTE Enrollees are not disaggregated for Nontraditional Participation (5A1) or Nontraditional Completion (5A2).

State Quality Indicators – There are two state quality indicators. These data are not reported in the Perkins CAR.

- Academic Attainment—WorkKeys results (State Indicator 1)
- Student Placement in Postsecondary Education (State Indicator 2)

FY2012 CTE STUDENT SUBGROUP COUNTS

Unduplicated total and CTE student subgroup counts are calculated for:

- CTE Participants
- CTE Concentrators
- CTE Concentrators Who Left Adult Workforce Education

The student subgroups are:

- Male
- Female
- American Indian/Native Alaskan (Titled *Native American* in the AWE Reporting System)
- Asian/Pacific Islander
- Black (Non-Hispanic)
- Hispanic
- White (Titled *White-Non Hispanic* in the AWE Reporting System)
- Multiracial
- Individuals with Disabilities – Americans with Disabilities Act (ADA)
- Economically Disadvantaged (Titled *Disadvantaged* in the AWE Reporting System)
- Single Parents
- Displaced Homemakers
- Limited English Proficient
- Nontraditional CTE Enrollees – Based on CTE Participants

APPENDIX A

FY2012 Career Field and AWE Career Development Course Crosswalk

This Career Field and AWE Career Development course crosswalk was developed for CTE accountability purposes.

Ohio Career Field (and national Career Cluster)	CTE AWE Career Development Subject Codes	CTE AWE Career Development Subject Names
Agricultural & Environmental Systems (Agriculture, Food & Natural Resources)	010201	Agricultural and Industrial Equipment
	010301	Agribusiness and Production Systems
	010601	Horticulture
	010701	Environmental Management (OTCO)
	010701	Natural Resource Management
	010901	Animal Science and Management
	011001	Food Science and Technology
Arts & Communication (Arts, A/V Technology & Communication)	170700	Commercial Art Occupations
	170900	Commercial Photography Occupations
	171900	Graphic Occupations
Business & Administrative Services (Business, Management and Administration)	040801	Small Business Management
	040803	Human Resource Assistant and Payroll Training
	140300	Administrative/Office Technology
	140310	Legal Office Management
	140320	Medical Office Management
	140800	Business Management
Construction Technologies (Architecture & Construction)	170100	Air Conditioning, Heating and Refrigeration
	171001	Carpentry
	171002	Electrical
	171003	Heavy Equipment Operations (Construction)
	171004	Brick, Block & Cement Masonry
	171005	Interior Design Applications
	171006	Plastering and Drywall
	171007	Plumbing and Pipefitting
	171010	Roofing
	171011	Building and Property Maintenance
	171013	Resilient Flooring
	171014	Asbestos Abatement
	171017	Building Technology
	171100	Custodial Services
	172305	Sheet Metal
	173601	Wood Product Technologies
	179911	Orientation to Non-Traditional Occupations for Women (ONOW)
Education & Training (Education & Training)	090012	Educational Paraprofessional
	090201	Early Childhood Education
Engineering & Science Technologies (Science, Technology, Engineering & Mathematics)	171402	Power Transmission
	171504	Telecommunications
	171815	Engineering Technologies
	172000	Chemical Laboratory Assisting
	172004	Industrial Lab Assisting
	173100	Power Equipment Technology
	173201	Electrical Power & Generating Stations
Finance (Finance)	140100	Accounting
	140110	Financial Services
Government and Public Administration (Government and Public Administration)	(none)	(none)
Health Science (Health Science)	070101	Dental Assistant
	070103	Dental Laboratory Technology
	070203	Medical Laboratory Technology
	070204	Phlebotomy
	070302	Practical Nursing

Health Science continued (Health Science)	070303	Nurse Assisting
	070305	Surgical Technology
	070307	Home Health
	070410	Exercise Science/Sports & Recreation Healthcare
	070498	Massage Therapy
	070501	Radiologic Technology
	070603	Optometric Occupations
	070903	Respiratory Therapy
	070904	Medical Assistant
	070905	Central Service Material Management
	070906	Community Health Aide
	070907	Emergency Medical Technician - Basic
	070910	Diagnostic Medical Sonography/Sonographer
	070911	Health Information/Medical Records
	070912	Pharmacy Assisting
	070913	Health Unit Coordinator
	070947	Emergency Medical Technician - Intermediate
	070987	Emergency Medical Technician - Paramedic
	070994	Patient Care Technician
	070996	Diversified Medical Occupations
071003	Dialysis Technician	
074850	Biotechnology	
Hospitality & Tourism (Hospitality & Tourism)	041118	Hospitality & Tourism
	090203	Culinary Arts and Food Service Management
	090205	Hotels and Resorts
Human Services (Human Services)	172601	Barbering
	172602	Cosmetology
	140210	Information Support and Services
	140220	Network Systems
	140230	Programming/ Software Development
140240	Interactive Media	
Law & Public Safety (Law, Public Safety & Security)	170911	Emergency Service Telecommunication Training (911)
	172801	Fire Fighter 1 & 2 (Municipal Firefighter)
	172802	Criminal Justice
	172803	Firefighter 1
	172805	Fire Safety Inspector
	172806	Volunteer Firefighter
	172807	Firefighter I Transition Course
	172808	Private Security
	172809	Firefighter 2
	172816	First Responder
	172831	Public Safety Instructor Course
Manufacturing Technologies (Manufacturing)	170200	Appliance Repair
	171012	Industrial Maintenance and Repair Occupations
	171300	Drafting
	171403	Motor Repair
	171503	Electronics
	171700	Pre-Employment and Training—Manufacturing
	172302	Precision Machining
	172306	Welding and Cutting
	172307	Tool & Die Making
	172400	Metallurgy Occupations
	172700	Plastics Occupations
	173000	Refrigeration Servicing
	173202	Pumping Plants
	173203	Hydraulic/Pneumatic Occupations
	173500	Upholstering
	179961	Production Associate Training
Marketing (Marketing, Sales & Service)	040115	Entertainment Marketing
	040810	Marketing Management
	040820	E-Commerce Marketing
	040830	Marketing Technology
	040840	Sports Marketing
	041900	Acquisition and Logistics

Transportation Systems (Transportation, Distribution & Logistics)	170301	Auto Collision Repair
	170302	Auto Technology
	170400	Aviation Occupations
	170401	Aircraft Maintenance
	170403	Ground Operations
	170802	Marine Maintenance
	171200	Medium/Heavy Truck Technician
	172804	School Bus Driver
	172814	Truck Driver
	173100	Power Equipment Technology

APPENDIX B

FY2012 Adult Workforce Education (AWE)

Nontraditional Career-Technical Education (CTE) Programs

Nontraditional CTE programs prepare students for occupations or fields of work in which individuals from one gender comprise less than 25 percent of the individuals employed in those occupations or fields of work.

- Female nontraditional occupations – Less than 25 percent of individuals employed are female
- Male nontraditional occupations – Less than 25 percent of the individuals employed and male

Career Field	Subject Name	Subject Code	Male or Female
Agricultural and Environmental Systems	Agricultural and Industrial Equipment	010201	Female
Agricultural and Environmental Systems	Agribusiness and Production Systems	010301	Female
Agricultural and Environmental Systems	Horticulture	010601	Female
Agricultural and Environmental Systems	Natural Resource Management	010701	Female
Agricultural and Environmental Systems	Animal Science and Environmental Systems	010901	Female
Arts and Communications	Commercial Art Occupations	170700	Female
Arts and Communications	Commercial Photography Occupations	170900	Female
Arts and Communications	Graphic Occupations	171900	Female
Construction Technologies	Carpentry	171001	Female
Construction Technologies	Electrical Trades	171002	Female
Construction Technologies	Heavy Equipment Operations (Construction)	171003	Female
Construction Technologies	Brick, Block and Cement Masonry	171004	Female
Construction Technologies	Painting and Decorating	171005	Female
Construction Technologies	Plaster and Drywall	171006	Female
Construction Technologies	Plumbing and Pipefitting	171007	Female
Construction Technologies	Roofing	171010	Female
Construction Technologies	Building and Property Maintenance	171011	Female
Construction Technologies	Residential Floor Installation	171013	Female
Construction Technologies	Building Technology	171017	Female
Construction Technologies	Custodial Services	171100	Female
Construction Technologies	Wood Product Technologies	173601	Female
Engineering and Science Technologies	Power Transmissions	171402	Female
Engineering and Science Technologies	Telecommunications	171504	Female
Engineering and Science Technologies	Engineering Sciences	171815	Female
Engineering and Science Technologies	Chemical Laboratory Assisting	172000	Female
Engineering and Science Technologies	Industrial Lab Assisting	172004	Female
Health Science	Exercise Science/Sports and Recreation Healthcare	070410	Female
Hospitality and Tourism	Culinary Arts and Food Service Management	090203	Female
Hospitality and Tourism	Hotels and Resorts	090205	Female
Information Technology	Information Technology 1	140200	Female
Information Technology	Network Systems	140220	Female
Information Technology	Programming/Software Development	140230	Female
Information Technology	Interactive Media	140240	Female
Law and Public Safety	Fire Fighter Training	172801	Female

Law and Public Safety	Criminal Justice	172802	Female
Law and Public Safety	Fire Fighter I	172803	Female
Law and Public Safety	Volunteer Fire Fighter	172806	Female
Law and Public Safety	Fire Fighter 1 Transition	172807	Female
Law and Public Safety	Private Security	172808	Female
Law and Public Safety	Fire Fighter 2 Transition	172809	Female
Manufacturing Technologies	Industrial maintenance and Repair Occupations	171012	Female
Manufacturing Technologies	Drafting Occupations	171300	Female
Manufacturing Technologies	Electronics	171503	Female
Manufacturing Technologies	Precision Machining	172302	Female
Manufacturing Technologies	Manufacturing Occupations	172303	Female
Manufacturing Technologies	Heavy Metal Fabrication	172304	Female
Manufacturing Technologies	Sheet Metal	172305	Female
Manufacturing Technologies	Welding and Cutting	172306	Female
Manufacturing Technologies	Tool and Die Cutting	172307	Female
Manufacturing Technologies	Metallurgy Occupations	172400	Female
Manufacturing Technologies	Production Associate Training	179961	Female
Manufacturing Technologies	Hazardous Materials Management Training	179962	Female
Marketing	Entertainment Marketing	040115	Female
Marketing	Marketing Management and Research	040810	Female
Marketing	Acquisition and Logistics	041900	Female
Transportation Systems	Auto Collision Repair	170301	Female
Transportation Systems	Auto Technology	170302	Female
Transportation Systems	Aviation Occupations	170400	Female
Transportation Systems	Aircraft Maintenance	170401	Female
Transportation Systems	Ground Operations	170403	Female
Transportation Systems	Medium/Heavy Truck Technician	171200	Female
Transportation Systems	Power Equipment Technology	173100	Female
Business and Administrative Services	Accounting	140100	Male
Business and Administrative Services	Administrative / Office Technology	140300	Male
Business and Administrative Services	Legal Office Management	140310	Male
Business and Administrative Services	Medical Office Management	140320	Male
Education and Training	Early Childhood Education	090201	Male
Health Science	Dental Assistant	070101	Male
Health Science	Dental Laboratory Technology	070103	Male
Health Science	Medical Laboratory Technology	070203	Male
Health Science	Phlebotomy	070204	Male
Health Science	Practical Nursing	070302	Male
Health Science	Nurse Assisting	070303	Male
Health Science	Surgical Technology	070305	Male
Health Science	Home Health	070307	Male
Health Science	Optometric Occupations	070603	Male
Health Science	Electrocardiography	070902	Male
Health Science	Medical Assistant	070904	Male
Health Science	Community Health Aide	070906	Male
Health Science	Sonography	070910	Male

Health Science	Health Information/Medical Records	070911	Male
Health Science	Pharmacy Assistant	070912	Male
Health Science	Health Unit Coordinator	070913	Male
Health Science	Patient Care Technician	070994	Male
Health Science	Diversified Medical Occupations	070996	Male
Human Services	Cosmetology	172602	Male

APPENDIX C

FY2012 Perkins-Funded Adult Career-Technical Planning Districts (CTPDs)

AWE Career Development CTPD accountability is based on these Perkins-funded CTPDs.

CTPD IRN	CTPD Name
200001	Apollo JVSD CTPD
200005	Tri-County JVSD CTPD
200015	Columbiana County JVSD CTPD
200027	Cuyahoga Valley JVSD CTPD
200032	EHOVE JVSD CTPD
200035	Columbus City CTPD
200036	Eastland JVSD CTPD
200040	Gallia-Jackson-Vinton JVSD CTPD
200044	Great Oaks Institute of Technology JVSD CTPD
200054	Lawrence County JVSD CTPD
200055	Licking County JVSD CTPD
200056	Ohio Hi-Point JVSD CTPD
200069	Upper Valley JVSD CTPD
200073	Miami Valley Career Technology JVSD CTPD
200075	Mid-East Ohio JVSD CTPD
200084	Pickaway-Ross County JVSD CTPD
200086	Scioto County JVSD CTPD
200090	Canton City CTPD
200098	Portage Lakes JVSD CTPD
200099	Trumbull County JVSD CTPD
200101	Buckeye JVSD CTPD
200104	Washington County JVSD CTPD
200105	Wayne County JVSD CTPD

APPENDIX D

FY2012 Perkins-Funded Adult Consortia

AWE Career Development Adult Consortia accountability is based on these Perkins-funded Adult Consortia. Consortium accountability includes all CTPD members.

Career Technical Consortium	Career Technical Consortium IRN	Career Technical Consortium Number	CTPD Members	CTPD IRN of Members	Fiscal Agent	Fiscal Agent District IRN
Lorain County Adult Consortium	TBD	TBD	<ul style="list-style-type: none"> • Ashland County/West Holmes JVSD • Lorain County JVSD • Medina County JVSD • Polaris JVSD 	200003 200058* 200066 200028	Lorain County JVSD	051227
Madison Adult Consortium	000708	203	<ul style="list-style-type: none"> • Madison Local SD • Pioneer JVSD • Tri-Rivers JVSD 	200081* 200083 200111	Madison Local SD	049452
Four County Adult Consortium	000705	201	<ul style="list-style-type: none"> • Four County JVSD • Penta County JVSD • Vantage JVSD 	200030* 200039 200102	Four County JVSD	050963
Ashtabula Adult Consortium	TBD	TBD	<ul style="list-style-type: none"> • Ashtabula County JVSD • Mahoning County JVSD 	200004* 200063	Ashtabula County JVSD	050815
Butler Adult Consortium	TBD	TBD	<ul style="list-style-type: none"> • Butler Technology and Career Development Schools JVSD • Warren County JVSD • Greene County JVSD 	200008* 200103 200042	Butler Technology and Career Development Schools JVSD	050880

* CTPD IRN of Fiscal Agent