

WYOMING CTE FACT SHEET

2016-2017 Carl Perkins IV State Report —Secondary

Demographic information was collected from 65 secondary schools with students participating in CTE.

- There were 3,549 total students reported as CTE concentrators and 16,498 CTE participants in Wyoming in 2016-2017.
- 43% of all concentrators were enrolled in these 4 program areas; Restaurants & Food Services, Construction, Production, Facility & Mobile Equipment Maintenance, and Agribusiness Systems.
- 95.4% of eligible CTE concentrators were reported as graduating, compared to 80.0% of all students statewide in 2015-16.
- *ACT Math Data:* 38.3% of CTE concentrators were proficient. CTE concentrator data is reflective of statewide proficiency, and shows a decrease of 3.6% from last year.

ACT Reading Data: 33.0% of CTE concentrators were proficient. This represents a decrease from the prior year when 34.7% of concentrators were proficient.

CTSO Participation (DECA, FBLA, FCCLA, FFA, SkillsUSA)

- Approximately 29.6% of unduplicated CTE concentrators participated in a CTSO.
- The highest percentage of concentrators were members of FFA (57.3%), which is a decrease of 4.1% from last year.
- There was a small increase in SkillsUSA participation from 17.1% (2015-16) to 17.4% (2016-2017).
- CTE concentrators who participated in CTSOs had higher overall technical skill proficiency (83.1%) than those who did not participate in CTSOs (71.8%).

CTE Work-Based Learning Programs at Wyoming Schools	Count* <small>Duplicate participation possible</small>
Job Shadowing	925
Work-experience internship	399
Community service learning	442
School-based enterprises	288
Mentorship	148
Other	20
Cooperative Education	21
Apprenticeship	7

CTE Concentrator Enrollment by Program Area	Count
Agriculture, Nat. Resources	709
Architecture & Construction	450
Manufacturing	449
Hosp. & Tourism	392
Health Science	298
Transportation, Distribution & Logistics	288
STEM	200
Info. Technology	155
Business Administration	103
Human Services	113
Arts, AV Tech and Comm.	144
Marketing	83
Finance	102
Law Public Safety	46
Education and Training	17
Gov. & Public Admin.	0

What is Career Technical Education?

- ✓ Integrates with academics in a rigorous and relevant curriculum.
- ✓ Educates students for a range of career options through 16 Career Clusters and multiple pathways.
- ✓ Prepares students to be college and career-ready by providing core academic skills, employability skills and technical, job-specific skills.
- ✓ Fulfills employer needs that are high skill, high wage and high demand.
- ✓ Features high school and postsecondary partnerships, enabling clear pathways to certifications and degrees.

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<http://edu.wyoming.gov/in-the-classroom/career-tech-ed/>

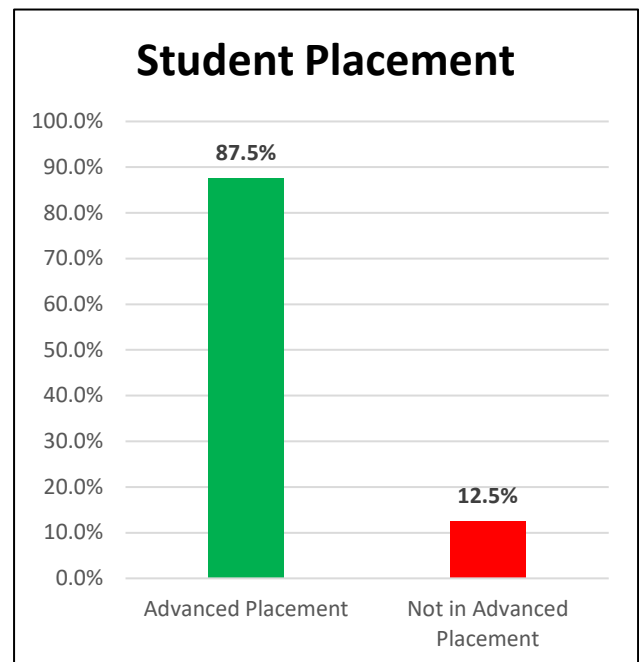


2016-2017 Carl Perkins IV State Report—Post-Secondary

Results were calculated using demographic information collected from 7 post-secondary schools with students participating in CTE during the 2016-2017 academic year.

CTE Concentrators	Defined as a student who (1) completes at least 12 technical or academic credits within a single program area or across multiple CTE program areas, or (2) completes a threshold level in a short-term CTE program of less than 12 credit units that terminates in an industry-recognized credential, certificate or degree.	6,063 *an increase from 2015-2016 due to reporting errors
CTE Participants	Defined as a student who has earned one or more credits in any CTE program area.	16,778 *an increase of 2,316 from 2015-16
Technical Skills Attainment	Percent of CTE concentrators in the identified entry cohort who receive an industry-recognized credential, certificate, or degree at any point between when they were classified into the cohort and the current reporting period.	43.3% This represents an increase of 9.4% from 2015-2016
Credential, Certificate or Degree	Percent of CTE concentrators in the identified entry cohort who receive or were eligible to receive an industry-recognized credential certificate, or degree at any point between when they were classified into the cohort and the current reporting period.	43.3% This represents an increase of 9.4% from 2015-2016

CTE Concentrator Enrollment by Program Area	Percent
Health Science	26.1%
Education & Training	10.0%
Manufacturing	11.5%
Transportation, Distribution & Logistics	5.7%
Law, Public Safety, Corrections & Security	5.9%
Agriculture, Food & Natural Resources	8.2%
Arts, Audio/Video Technology & Communications	4.8%
Information Technology	3.3%
Business Management & Administration	12.0%
Architecture & Construction	2.6%
Science, Technology, Engineering & Mathematics	2.7%
Human Services	1.9%
Hospitality & Tourism	2.0%
Finance	2.8%
Government & Public Administration	0.0%
Marketing	0.2%



The above chart represents advanced placement which is the number of **CTE concentrators who left postsecondary education and were employed, in the military, and/or in an apprenticeship (87.5%)** during the second quarter following their departure. There is a 9.8% increase from the prior reporting year.