



Colorado Career and Technical Education 2016/17 Fact Sheet

CTE ensures a thriving Colorado economy by providing relevant and rigorous education that is connected, responsive, and real.

CTE Student Enrollment

6th -12th
grade

High School

133,585 total CTE enrollments
(103,802 individual CTE students)
1,376 programs across 185 schools and 154 districts

39% of Colorado high school students were enrolled in at least one CTE class during the 2016/2017 academic year.

Middle School

27,254 total CTE enrollments
(25,455 individual CTE students)
117 CTE programs across 96 schools and 46 districts

High School Graduation

85% Colorado graduation rate for 2017 CTE concentrators* and completers*

79% Colorado graduation rate for all 2017 seniors

Outcomes

for CTE completers who graduated high school in 2016 and schools were able to contact by follow-up survey

98% enrolled in postsecondary education or training, enlisted in the military or were working within a year following CTE program completion and high school graduation.
— Of these students, —
75% enroll at a community/technical college or university
61% are working
4% are in an apprenticeship
3% are in the military

There were 72,199 high school CTE program completions* for the 2016/2017 academic year.

CTE High School Student Demographics

42% minority (non-white race/ethnicity)
46% female
33% economically disadvantaged (Free or Reduced Lunch eligible)
7% disabled

Enrollment by Career Cluster 9th - 12th grade

| Career Cluster | # of Students | % of CTE Enrollment | # of Programs |
|---|---------------|---------------------|---------------|
| Agriculture, Food & Natural Resources | 6,608 | 5% | 118 |
| Architecture & Construction | 8,110 | 6% | 114 |
| Arts, A/V Technology and Communication | 17,660 | 13% | 156 |
| Education & Training | 869 | 1% | 25 |
| Health Science | 3,034 | 2% | 42 |
| Hospitality & Tourism | 9,558 | 7% | 125 |
| Human Services | 1,151 | 1% | 61 |
| Information Technology | 8,989 | 7% | 94 |
| Law, Public Safety, Corrections, & Security | 899 | 1% | 19 |
| Management and Administration | 27,273 | 20% | 191 |
| Manufacturing | 6,279 | 5% | 100 |
| Marketing | 10,837 | 8% | 82 |
| Postsecondary & Workforce Readiness** | 18,739 | 14% | 219 |
| STEM | 10,337 | 8% | 91 |
| Transportation, Distribution, & Logistics | 3,239 | 2% | 44 |

*A **concentrator** is a student who has completed at least one half of the credits required within a CTE program.

Secondary CTE programs do not culminate in a "certificate" or "degree" like postsecondary programs do; therefore, we use the term "**completion**" or "**completer**" to denote a student has completed the required minimum credits within a CTE program.

** **PWR** includes Alternative Cooperative Education (ACE) and Family & Consumer Science (FACS) Core programs.

Postsecondary

CTE Student Enrollment

35,734 total CTE enrollments
(34,031 individual CTE students)

545 CTE programs across 19 community and technical colleges and the Dept. of Corrections

There were **21,176** post-secondary CTE certificates and associate degrees awarded in the 2016/2017 academic year.

Completions

17,787 certificates
3,389 associate degrees

CTE Student Demographics

32% minority (non-white race/ethnicity)
46% female
27% economically disadvantaged (Pell recipient)
2% disabled (self-identified)

Outcomes

for 2015/2016 postsecondary CTE completers and schools were able to contact by follow-up survey

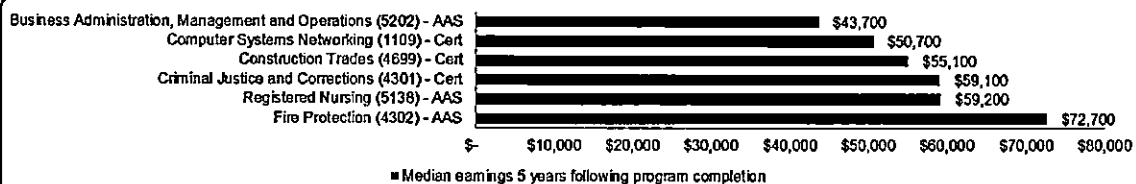
98% continued postsecondary education or training, enlisted in the military or were working within a year following credential completion.

— Of these students, —

78% are working
47% are continuing postsecondary education
6% are in an apprenticeship
1% are in the military

Earnings Outcomes

CTE programs can lead to excellent earnings outcomes. This is a sample of median earnings for Colorado workers 5 years after completing a postsecondary CTE program as their highest level credential.



Postsecondary CTE Enrollment by Career Cluster

77% of employed graduates are working in an occupation related to the CTE program they completed.

| Career Cluster | # of Students | % of CTE Enrollment | # of Programs |
|--|---------------|---------------------|---------------|
| Agriculture, Food, Natural Resources, & Energy | 1,030 | 3% | 51 |
| Architecture & Construction | 5,709 | 16% | 42 |
| Arts, A/V Technology and Communication | 1,808 | 5% | 32 |
| Education & Training | 1,242 | 4% | 15 |
| Finance | 2 | 0.01% | 1 |
| Government & Public Administration | 460 | 1% | 7 |
| Health Science | 9,520 | 27% | 150 |
| Hospitality & Tourism | 940 | 3% | 19 |
| Human Services | 1,445 | 4% | 40 |
| Information Technology | 2,081 | 6% | 25 |
| Law, Public Safety, Corrections, & Security | 1,774 | 5% | 29 |
| Management and Administration | 3,425 | 10% | 42 |
| Manufacturing | 2,892 | 8% | 51 |
| Marketing | 242 | 1% | 8 |
| STEM | 43 | 0.1% | 1 |
| Transportation, Distribution, & Logistics | 2,037 | 6% | 35 |

For more information, please visit Colorado Career & Technical Education at www.coloradostateplan.com