

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.

6th – 12th grade

CTE Student Enrollment

High School

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

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

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

CTE Student Demographics

42% minority
46% female
33% economically disadvantaged
7% disabled

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 completion and graduation.

--Of these students,--

75% enroll in a community/technical college or university

61% are working

4% are in an apprenticeship

3% are in the military

Definitions

*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

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within a CTE program.

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

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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

Completions

There were **21,176** postsecondary CTE certificates and associate degrees awarded in the 2016/2017 academic year:

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-reported)

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

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

Earnings Outcomes

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

Program (CIP) – Credential Level	Median earnings 5 years following program completion
Fire Protection (4302) - AAS	\$72,700
Registered Nursing (5138) - AAS	\$59,200
Criminal Justice and Corrections (4301) - Cert	\$59,100
Construction Trades (4699) - Cert	\$55,100
Computer Systems Networking (1109) - Cert	\$50,700
Business Administration, Management and Operations (5202) - AAS	\$43,700

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Postsecondary CTE Enrollment by Career Cluster

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