

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

CTE Student Enrollment

High School

174,882 total CTE enrollments
 (125,143 individual CTE students)
 1,367 programs across 329
 schools and 154 districts

Middle School

42,778 total CTE enrollments
 (41,892 individual CTE students)
 162 CTE programs across 143
 schools and 50 districts

CTE High School Student Demographics

46% minority (non-white race/ethnicity)
 46% female
 37% economically disadvantaged
 (Free or Reduced Lunch eligible)
 15% with disabilities

*Secondary CTE programs do not culminate in a “certificate” or “degree” like postsecondary programs do; therefore, we use the term “**concentrator**” to denote a student who has earned credit for (2) or more Carnegie Units within a CTE program.

15% of Secondary students enrolled in CTE programs in 2023/24 participated in Work Based Learning.

6th -12th
 grade

44% of Colorado high school students (9th-12th grade) were enrolled in at least one CTE class during the 2023/2024 academic year.

There were **33,778** high school CTE program concentrators* for the 2023/2024 academic year.

2024 High School Graduation

Colorado CTE Concentrators (2 Years)
 HS Graduation Rate **97%**
 Colorado HS Graduation Rate **84%**

Outcomes

for CTE concentrators who graduated high school in 2023 and schools were able to contact by follow-up survey

97% 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, —

55% are working
 45% are enrolled at a four year college/university
 22% are enrolled at a community or technical college
 4% are in an apprenticeship
 2% are in the military

Enrollment by Career Cluster 9th - 12th grade

Career Cluster	# of Students	% of CTE Enrollment	# of Programs
Agriculture, Food & Natural Resources	10,099	6%	140
Architecture & Construction	8,240	5%	90
Arts, A/V Technology & Communication	23,846	14%	163
Business Management & Administration	40,404	23%	195
Education & Training	6,825	4%	63
Health Science	13,064	7%	117
Hospitality & Tourism	25,448	14%	115
Human Services	7,845	4%	76
Information Technology	10,339	6%	99
Law, Public Safety, Corrections & Security	1,607	1%	23
Manufacturing	5,580	3%	69
Transportation, Distribution & Logistics	3,804	3%	41
STEM (Engineering & Technology)	13,708	8%	96
Alternative Cooperative Education	3,913	2%	79
Finance, Government, & Marketing	161	<1%	1

Postsecondary

CTE Student Enrollment

108,808 total CTE enrollments
(**98,470** individual CTE students)

716 CTE programs across **20** community and technical colleges and the Dept. of Corrections

Completions

18,151 certificates
2,854 associate degrees

*an individual's credential completion is only counted once even if they earned a certificate and degree during the same academic year

There were **21,005** postsecondary CTE certificates and associate degrees awarded in the 2023/2024 academic year.

Outcomes

for 2022/2023 postsecondary CTE completers schools were able to contact by follow-up survey

97% continued postsecondary education or training, enlisted in the military or were working within a year following credential completion.

— Of these students, —

- 51%** are working
- 50%** are enrolled at a community or technical college
- 11%** are enrolled at a four year college/university
- 31%** are in an apprenticeship
- 1%** are in the military

CTE Student Demographics

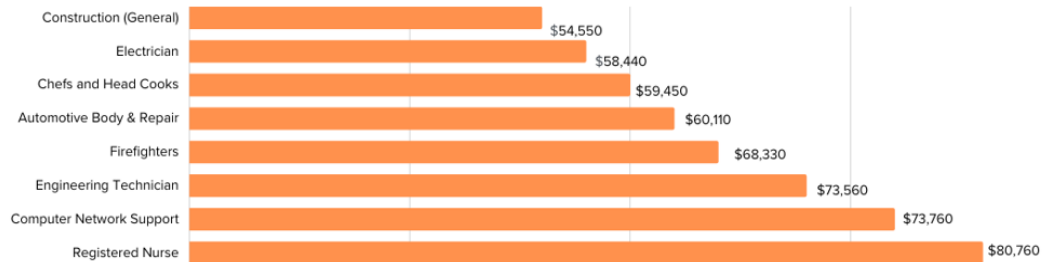
- 46%** minority (non-white race/ethnicity)
- 51%** female
- 23%** economically disadvantaged (Pell Recipient)
- 3%** disabled

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 CTE program as their highest level credential.

Median Wages for Select CTE Careers

(US Dept of Labor Colorado 2021)



Postsecondary CTE Enrollment by Career Cluster (CTE Majors)

Career Cluster	# of Students	% of CTE Enrollment	# of Programs
Agriculture, Food, Natural Resources & Energy	2,496	3%	53
Architecture & Construction	7,632	9%	58
Arts, A/V Technology & Communication	3,945	5%	58
Business Management & Administration	11,567	14%	62
Education & Training	3,940	5%	21
Finance	2,095	3%	29
Health Science	21,348	26%	154
Hospitality & Tourism	892	1%	13
Human Services	2,168	3%	27
Information Technology	7,838	10%	63
Law, Public Safety, Corrections, & Security	4,600	6%	46
Manufacturing	4,846	6%	74
Marketing	481	<1%	9
STEM	3,447	4%	9
Transportation, Distribution & Logistics	3,325	4%	35
Government & Public Administration	N/A	N/A	N/A

78% of employed graduates are working in an occupation related to the CTE program they completed.

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