CU Alumni Outcomes
May 2023
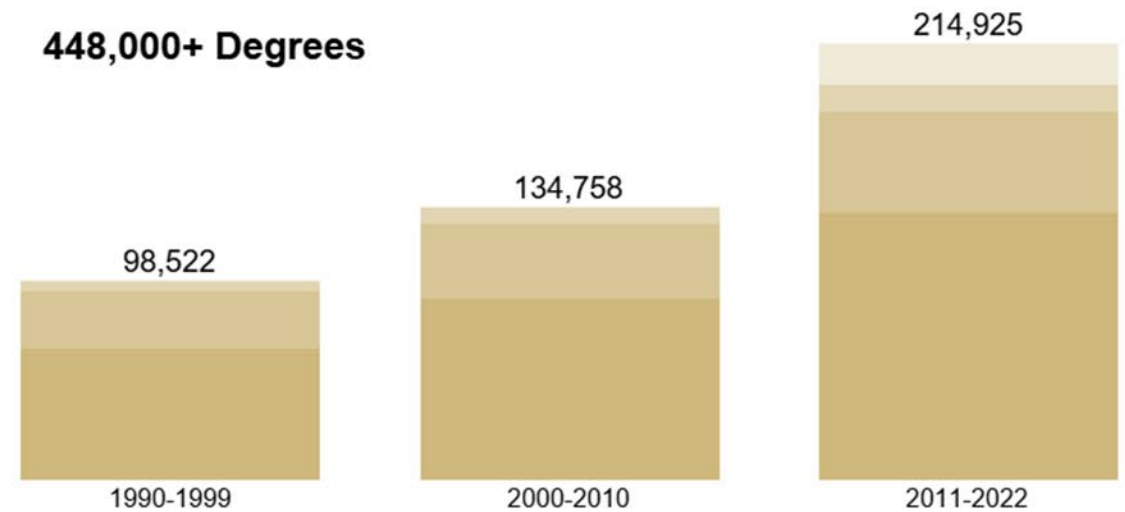
- CU worked with an outside firm, Lightcast, to create this alumni earnings analysis

- Data as of December 2022

- Examined CU graduates from 1990 thru 2022

- Earnings information based on 2022 Bureau of Labor Statistics (BLS) by:

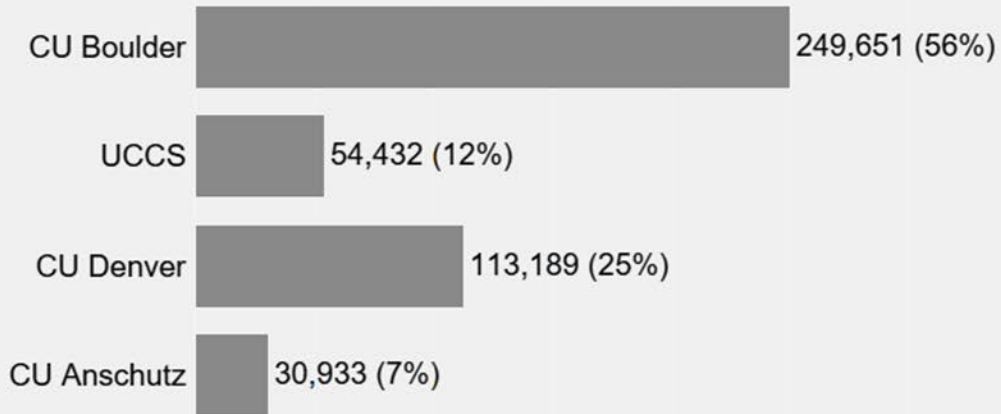 - Occupation

  - Geographic location

  - Degree Level

CU Degrees Awarded Since 1990

Between 1990 and 2022, CU awarded—

- 448,000+ degrees
- 370,000 individual alumni

  - 48% of degrees awarded 2011 and after
  - 63% of degrees are bachelors
  - 56% of degrees by awarded by CU Boulder

448,000+ Degrees

1990-1999	2000-2010	2011-2022
98,522	134,758	214,925

Degrees by Campus

Campus	Degrees
CU Boulder	249,651 (56%)
UCCS	54,432 (12%)
CU Denver	113,189 (25%)
CU Anschutz	30,933 (7%)

Degrees by Type of Degree

Type	Degrees
Bachelors	284,271 (63%)
Masters	115,090 (26%)
Doctorate	27,878 (6%)
Certificate & Licensure	

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After limiting to alumni found with employment files and no additional education—
Earnings dataset includes more than 110,000 alumni

Source: CU Alumni 1990-2022	370,000
Results: Alumni Found with Employment Profiles	175,000
Results: Alumni Found (No additional education found, Lightcast or National Student Clearinghouse)	143,000
Results: Alumni in Earnings Analysis (Employment starts after graduation, minimum earnings)	110,000

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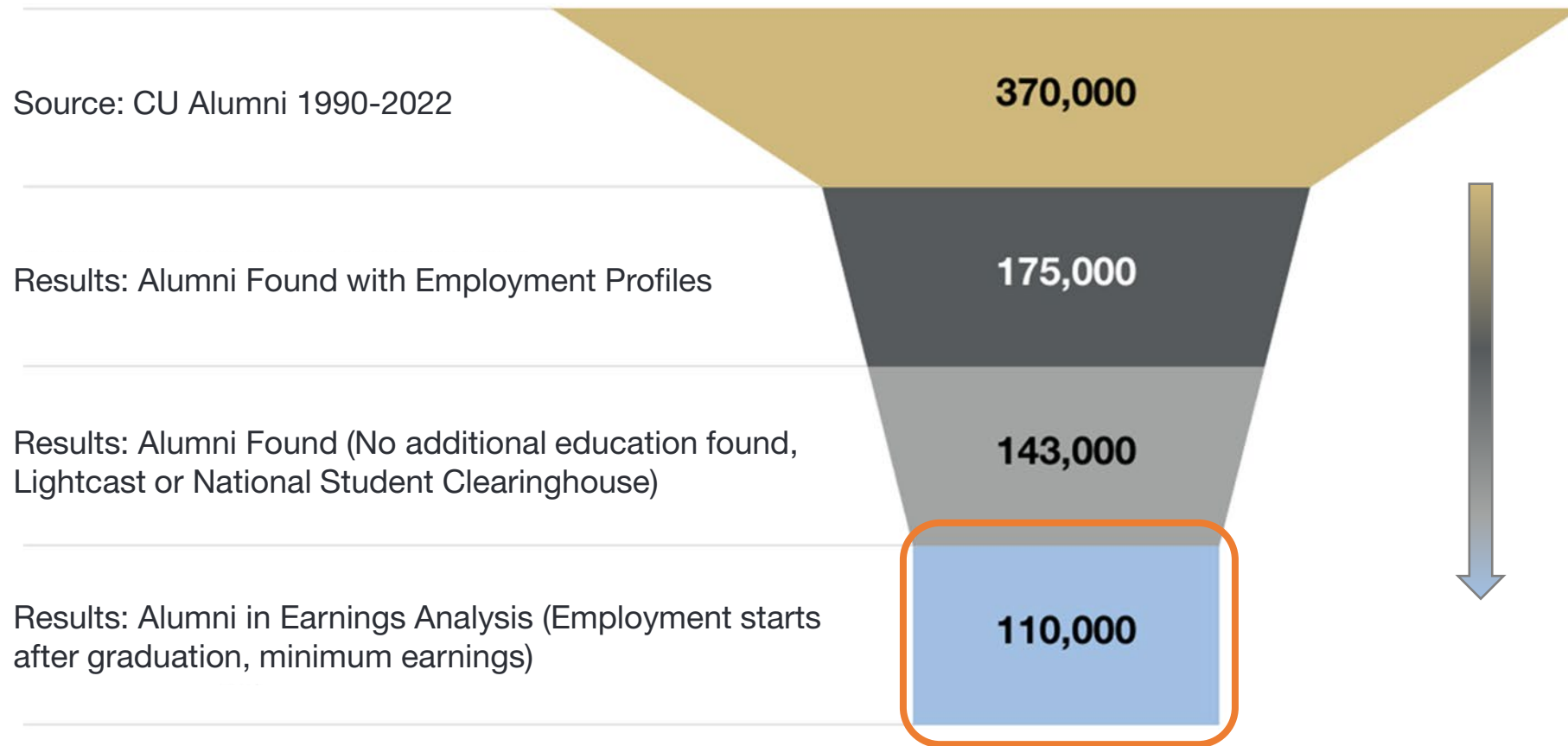
Field of Study mapped to Occupation to determine In/Out of Field

- 69% of alumni are employed in the field of study of their degree
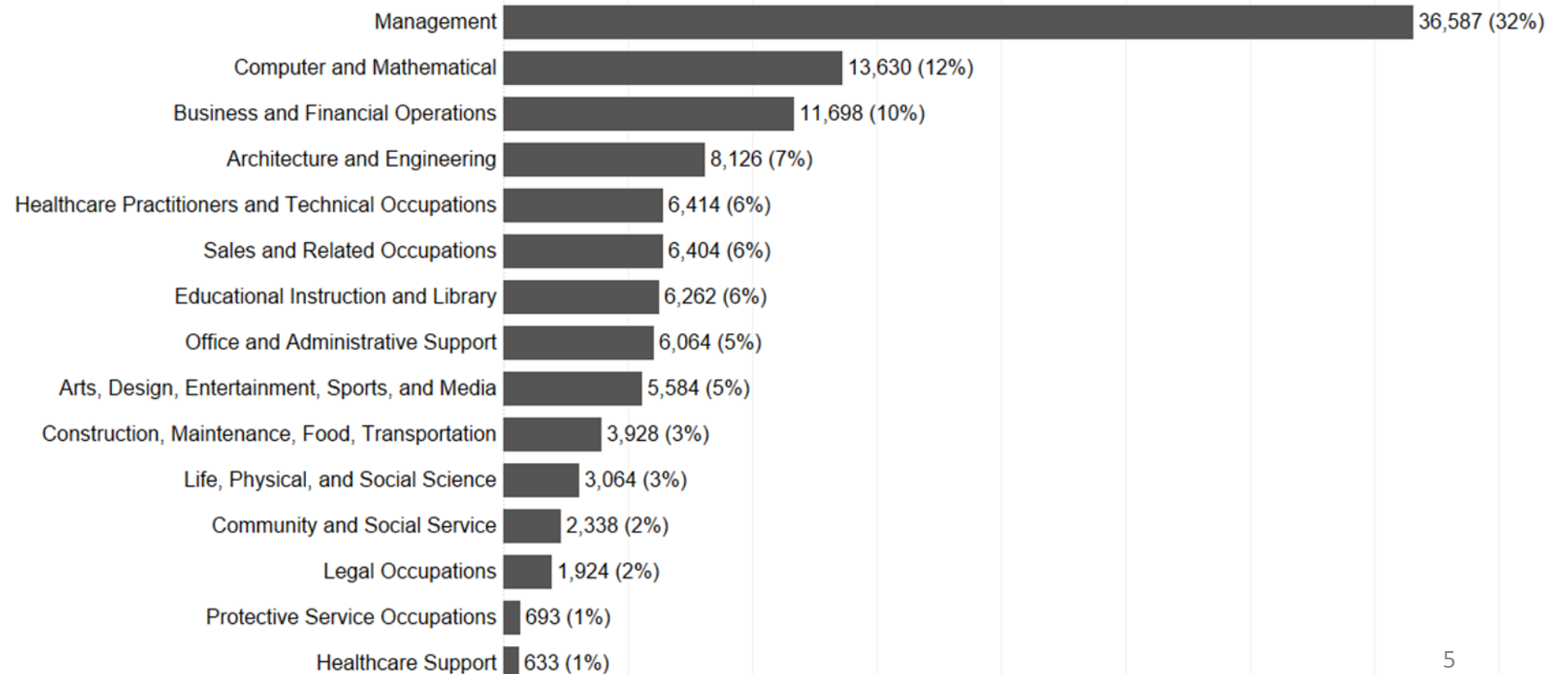- Over 50% of alumni are employed in the Management, Computer, and Business Occupations

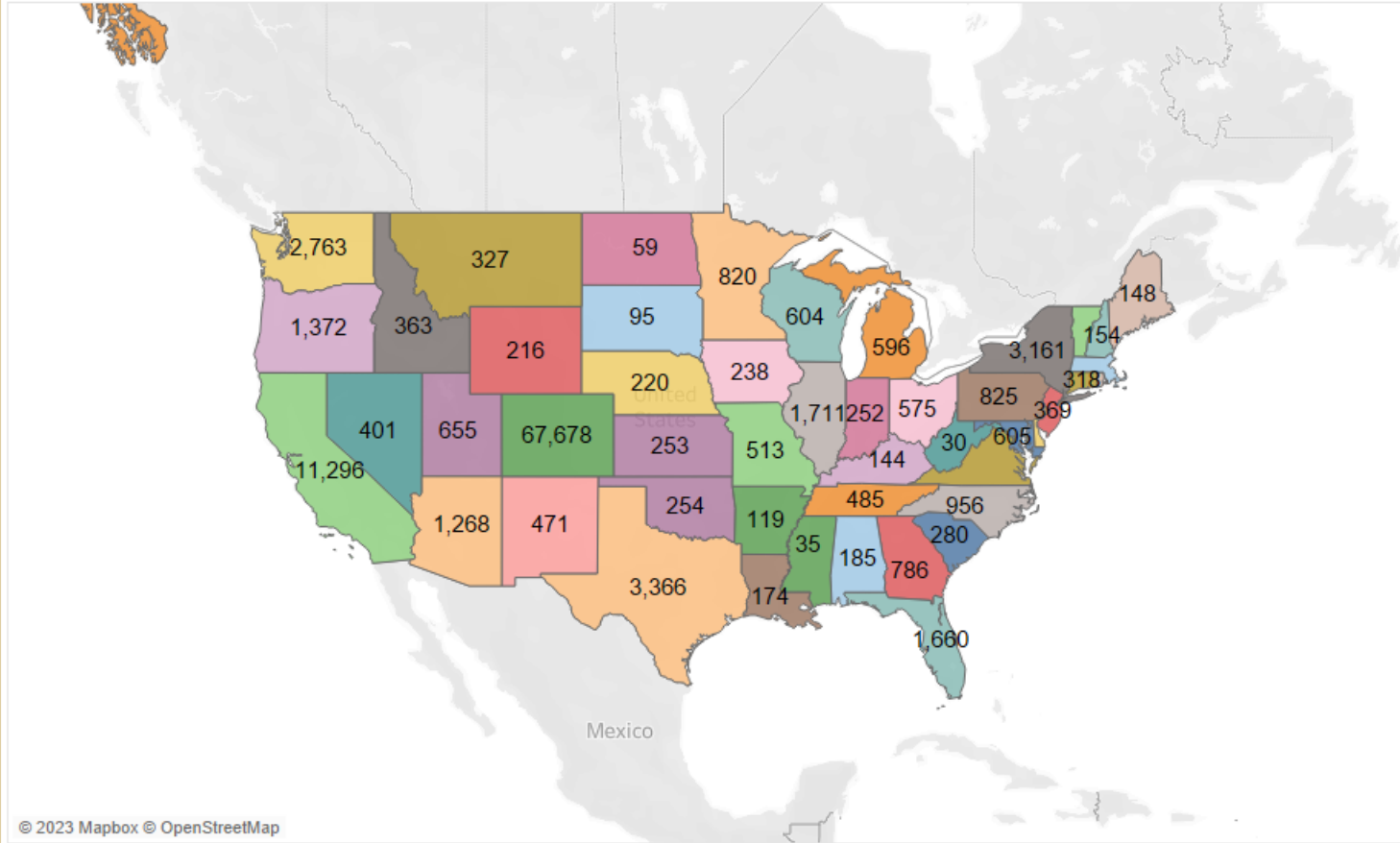**69% Employed in Field**

31% Employed out of Field
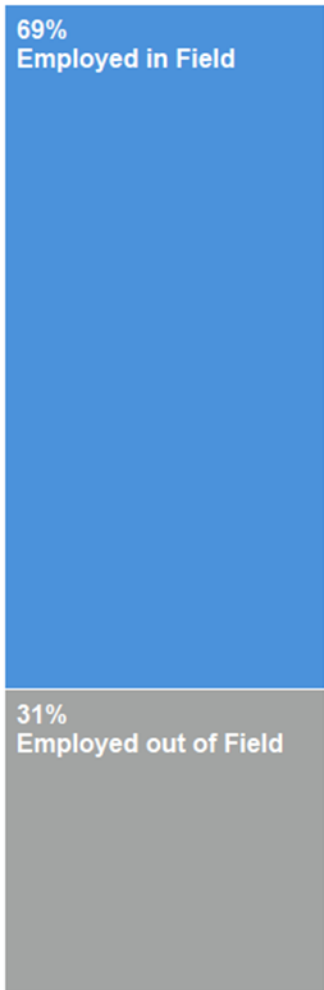
Alumni by Occupation Category

Occupation Category reflects Standard Occupational Codes (SOC) for alumni found with an employment profile and mapped to an occupation. Counts include alumni "In Field" and "Out of Field".

Occupation Category	Count (Percent)
Management	36,587 (32%)
Computer and Mathematical	13,630 (12%)
Business and Financial Operations	11,698 (10%)
Architecture and Engineering	8,126 (7%)
Healthcare Practitioners and Technical Occupations	6,414 (6%)
Sales and Related Occupations	6,404 (6%)
Educational Instruction and Library	6,262 (6%)
Office and Administrative Support	6,064 (5%)
Arts, Design, Entertainment, Sports, and Media	5,584 (5%)
Construction, Maintenance, Food, Transportation	3,928 (3%)
Life, Physical, and Social Science	3,064 (3%)
Community and Social Service	2,338 (2%)
Legal Occupations	1,924 (2%)
Protective Service Occupations	693 (1%)
Healthcare Support	633 (1%)

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CU Alumni by State of Residence

© 2023 Mapbox © OpenStreetMap

Display States

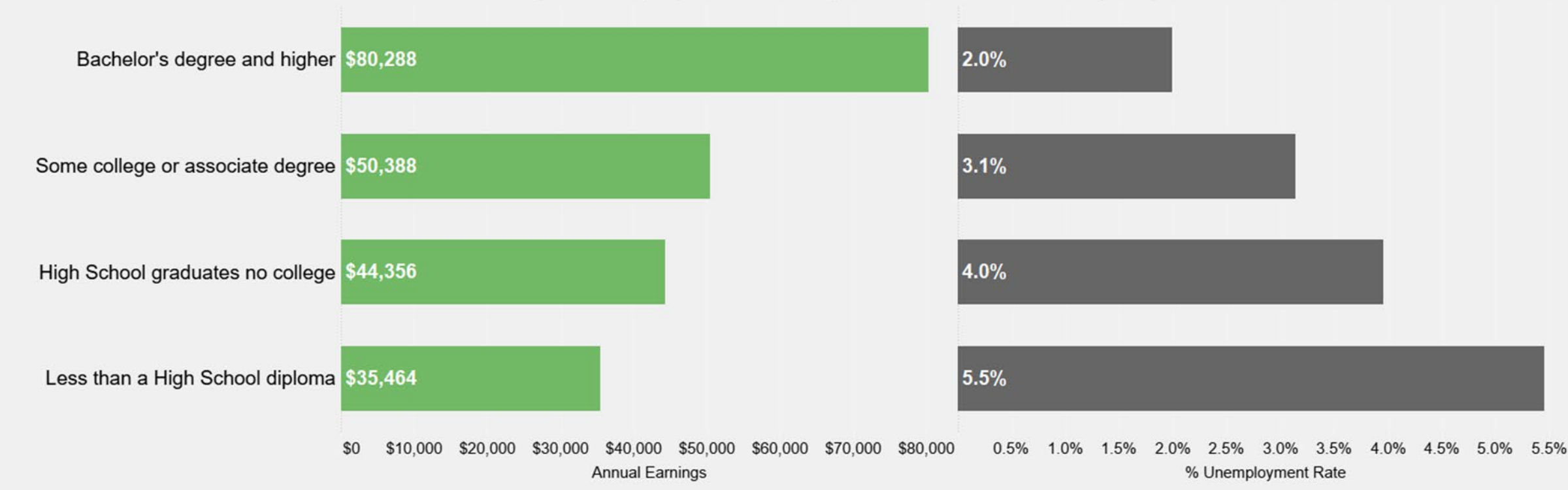|	# of Alumni	% of Alumni	Age Adjusted Earnings
Colorado	67,678	61.3%	$86,327
California	11,296	10.2%	$99,299
Texas	3,366	3.1%	$90,420
New York	3,161	2.9%	$106,059
Washington	2,763	2.5%	$99,153
Illinois	1,711	1.6%	$83,976
Florida	1,660	1.5%	$79,626
Oregon	1,372	1.2%	$83,367
Arizona	1,268	1.1%	$84,914
Massachusetts	1,227	1.1%	$97,866
North Carolina	956	0.9%	$87,941
Virginia	881	0.8%	$105,719
Pennsylvania	825	0.7%	$88,628
Minnesota	820	0.7%	$89,650
Georgia	786	0.7%	$91,655
Maryland	782	0.7%	$90,222

61%
Resides in Colorado

39%
Resides out of Colorado

Note that some information will not be displayed for majors with fewer than 15 alumni found in employment data.
Data shown reflects highest degree awarded (if multiple), not pursuing additional education, and employment limited to jobs started after graduation.

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College Degree Recipients Average Higher Annual Earnings and Lower Unemployment

- Earnings increases with degree level
- Unemployment decreases with degree level

U.S. Earnings & Unemployment Rates by Educational Attainment (2022)

Educational Attainment	Annual Earnings	% Unemployment Rate
Bachelor's degree and higher	$80,288	2.0%
Some college or associate degree	$50,388	3.1%
High School graduates no college	$44,356	4.0%
Less than a High School diploma	$35,464	5.5%

Legend:
- Advanced degree
- Bachelor's degree and higher
- Bachelor's degree only
- All educational levels
- Some college or associate degree
- High School graduates no college
- Less than a High School diploma

Values (2022): $91,260; $80,288; $74,464; $58,396; $50,388; $44,356; $35,464

Values (2001): $55,172; $47,892; $44,616; $32,760; $32,084; $27,040; $19,864

X-axis years: 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022

Legend:
- Advanced degree
- Bachelor's degree and higher
- Bachelor's degree only
- All educational levels
- Some college or associate degree
- High School graduates no college
- Less than a High School diploma

$92,539 — $91,260 (Advanced degree)
$80,328 — $80,288 (Bachelor's degree and higher)
$74,833 — $74,464 (Bachelor's degree only)
$54,948 — $58,396 (All educational levels)
$53,814 — $50,388 (Some college or associate degree)
$45,354 — $44,356 (High School graduates no college)
$33,317 — $35,464 (Less than a High School diploma)

X-axis years: 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022
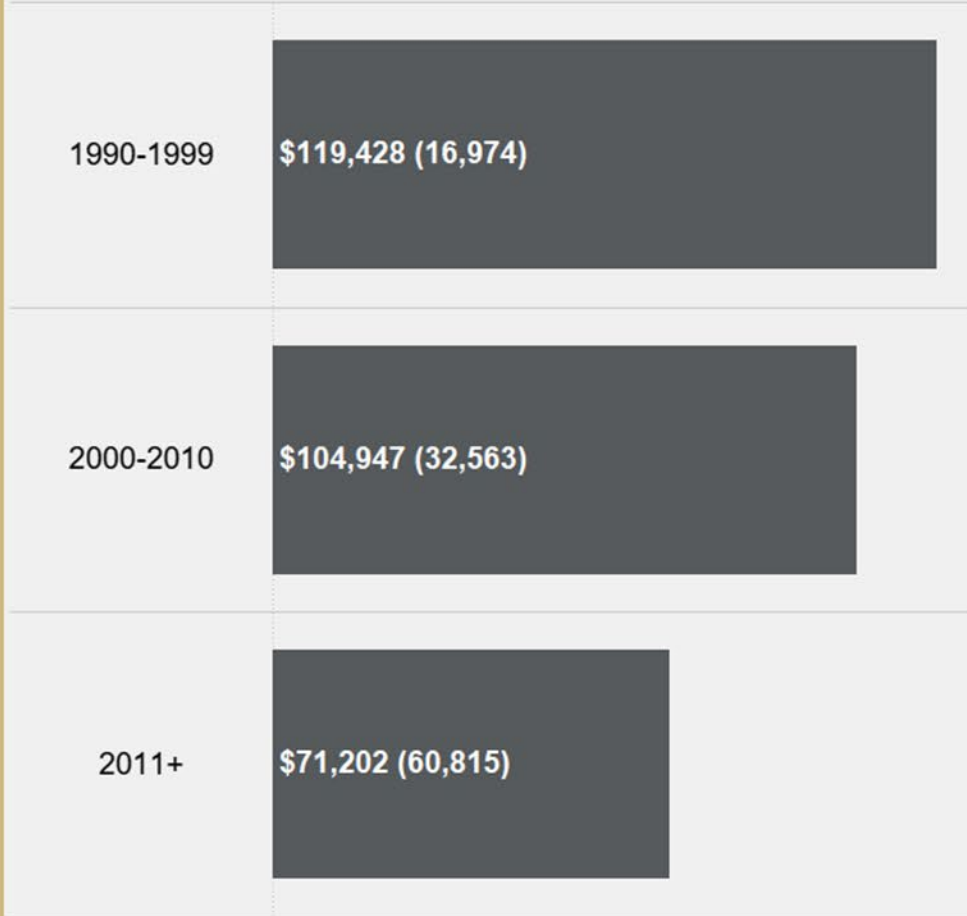
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Source: Data from Bureau of Labor Statistics (BLS) series ID=LEU0252887700 (All education levels). Median weekly earnings (second quartile), Employed full time, Wage and salary workers, 25 years and over. Annualized using 52 weeks. Inflation adjustment to 2022 dollars based on U.S. Consumer Price Index (CPI serid ID=CUUR0000AA0).
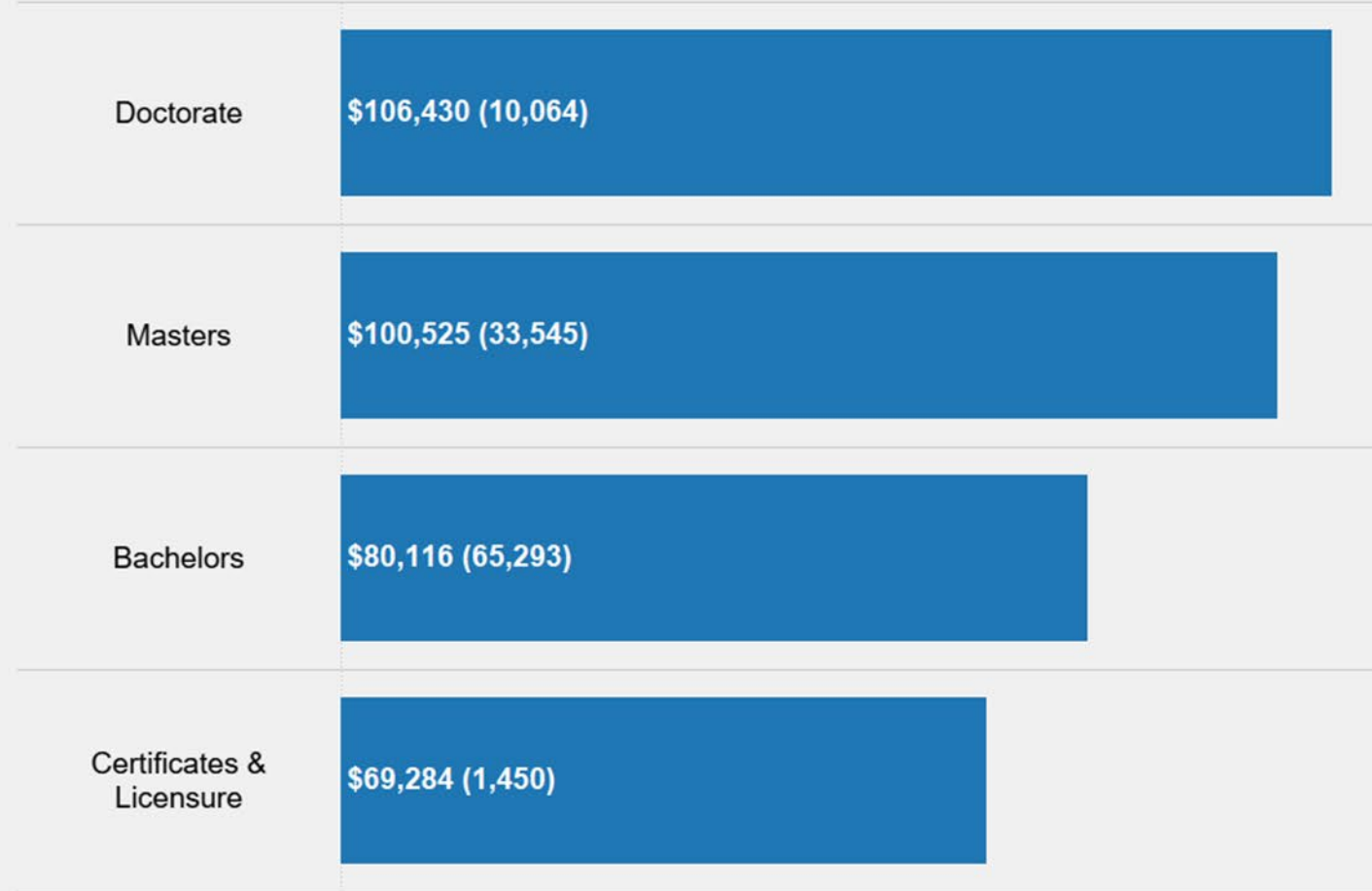
Time in Career and Degree Level Matter!

Earnings by Graduation Year

Chart shows age-adjusted earnings (and number of alumni) by graduation year

Graduation Year	Earnings (Number of Alumni)
1990-1999	$119,428 (16,974)
2000-2010	$104,947 (32,563)
2011+	$71,202 (60,815)

Earnings by Degree Level

Chart shows age-adjusted earnings (and number of alumni) by degree level

Degree Level	Earnings (Number of Alumni)
Doctorate	$106,430 (10,064)
Masters	$100,525 (33,545)
Bachelors	$80,116 (65,293)
Certificates & Licensure	$69,284 (1,450)

Source: CU Alumni Outcomes, Lightcast Market Analytics. Data prepared by CU System Institutional Research, December 2022 (ir@cu.edu)
Data shown reflects highest degree awarded (if multiple), not pursuing additional education, and employment limited to jobs started after graduation.

CU Alumni Earnings Estimates   (Screen shot from website)

University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Filters

Campus
All CU Campuses

Years from Graduation
All Years

Degree Type
All

Field of Study (2-Digit CIP)
All

Major (6-Digit CIP)
All

Employed in Field
All

Current Age
All

Region of Residence
All

	CU Boulder	UCCS	CU Denver	CU Anschutz	Grand Total	Age Adjusted Earnings
Bachelors	45,483	7,456	11,299	1,055	65,293	$80,116
Masters	11,999	3,928	14,511	3,107	33,545	$100,525
Doctorate	6,546	107	544	2,867	10,064	$106,430

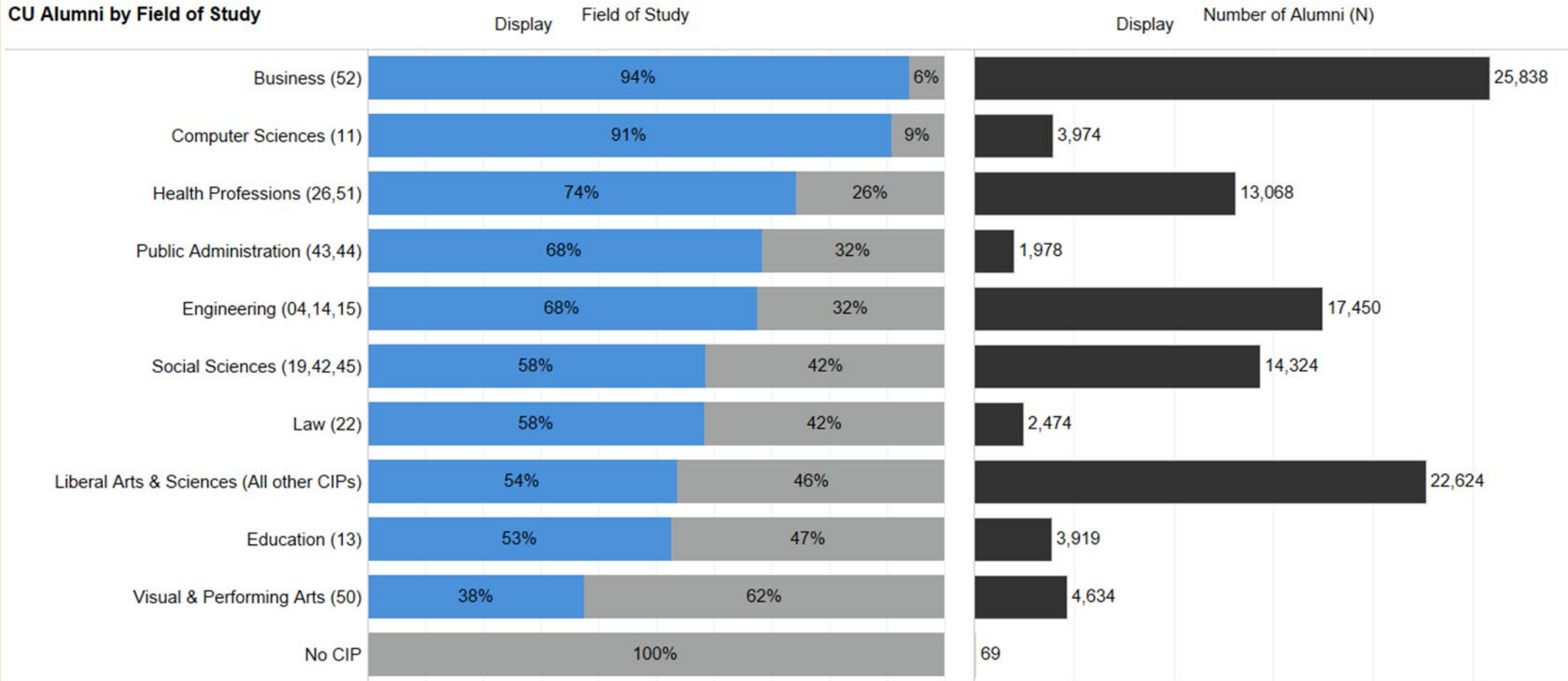### Estimated Earnings by: Field of Study

Field of Study	
Law (22)	$112,965 (2,474)
Business (52)	$98,033 (25,838)
Computer Sciences (11)	$97,249 (3,974)
Engineering (04,14,15)	$93,506 (17,450)
Health Professions (26,51)	$91,249 (13,068)
Public Administration (43,44)	$90,404 (1,978)
Liberal Arts & Sciences (All other CIPs)	$79,842 (22,624)
Social Sciences (19,42,45)	$79,347 (14,324)

Note that some information will not be displayed for majors with fewer than 15 alumni found in employment data.
Data shown reflects highest degree awarded (if multiple), not pursuing additional education, and employment limited to jobs started after graduation.

CU Alumni by Field of Study   (Screen shot from website)

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Filters

Campus
All CU Campuses

Years from Graduation
All Years

Degree Type
All

Field of Study (2-Digit CIP)
All

Major (6-Digit CIP)
All

Employed in Field
All

Current Age
All

Region of Residence
All

CU Alumni by Field of Study

Display Field of Study

Display Number of Alumni (N)

Field of Study	Employed in Field	Employed out of Field	Number of Alumni (N)
Business (52)	94%	6%	25,838
Computer Sciences (11)	91%	9%	3,974
Health Professions (26,51)	74%	26%	13,068
Public Administration (43,44)	68%	32%	1,978
Engineering (04,14,15)	68%	32%	17,450
Social Sciences (19,42,45)	58%	42%	14,324
Law (22)	58%	42%	2,474
Liberal Arts & Sciences (All other CIPs)	54%	46%	22,624
Education (13)	53%	47%	3,919
Visual & Performing Arts (50)	38%	62%	4,634
No CIP		100%	69

69% Employed in Field   **31% Employed out of Field**

Note that some information will not be displayed for majors with fewer than 15 alumni found in employment data.
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CU Alumni by Employer   (Screen shot from website)

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Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Filters

Campus
All CU Campuses

Years from Graduation
All Years

Degree Type
All

Field of Study (2-Digit CIP)
All

Major (6-Digit CIP)
All

Employed in Field
All

Current Age
All

Region of Residence
All

Employer, Ranked by Number of Alumni

Display   Employer

Employer	# of Alumni	% of Alumni	Age Adjusted Earnings
No Standard Employer	8,392	19.3%	$90,499
University of Colorado	2,065	4.8%	$74,425
Amazon	629	1.4%	$97,057
Lockheed Martin	611	1.4%	$91,381
UC Health	548	1.3%	$78,897
Ball Aerospace	398	0.9%	$94,315
U.S. Military Services	368	0.8%	$84,226
Charles Schwab	368	0.8%	$98,173
Google	362	0.8%	$106,958
Oracle	320	0.7%	$109,440
Children's Hospital Colorado	307	0.7%	$77,279
Kaiser Permanente	306	0.7%	$113,662
Denver Public Schools	295	0.7%	$68,801
Spectrum	277	0.6%	$99,864
Medtronic	253	0.6%	$96,783
Centura Health	249	0.6%	$81,130
Microsoft	241	0.6%	$112,062
Apple	241	0.6%	$101,231
City and County of Denver	232	0.5%	$81,898
Comcast	221	0.5%	$100,566

Age Adjusted Earnings	Potential Career Earnings
$88,578	$110,086

CU Alumni Earnings by State

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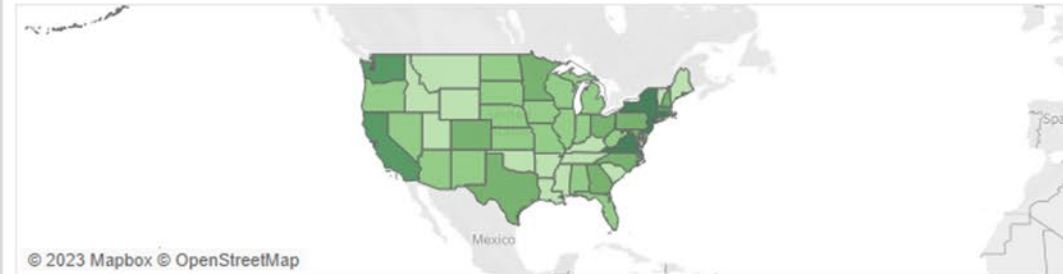
$70,832 ▬▬▬▬▬ $107,904

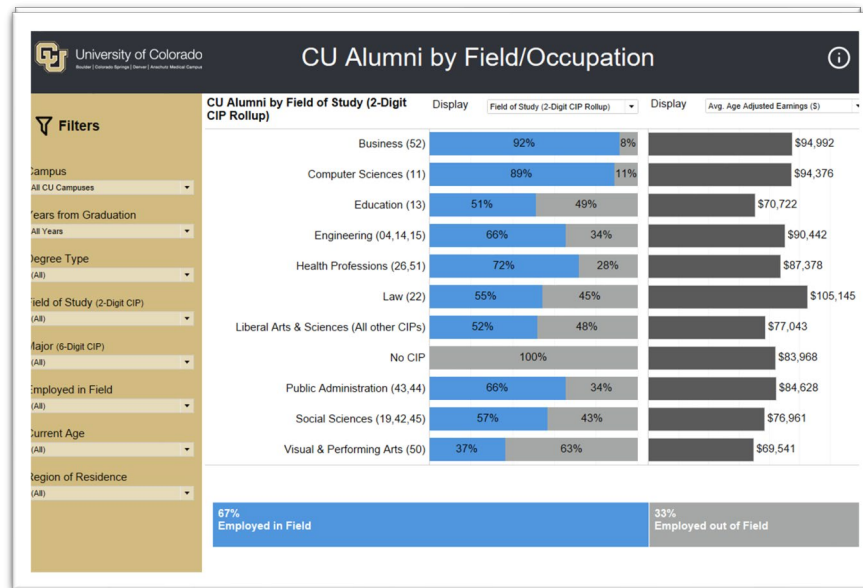**CU Alumni by CO County**

© 2023 Mapbox © OpenStreetMap
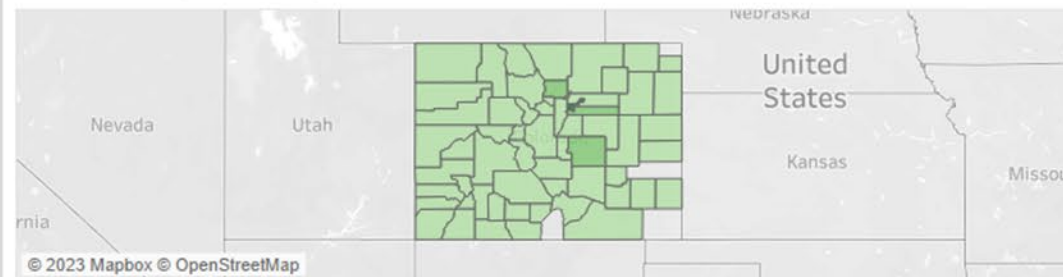
1 ▬▬▬▬▬ 30,695

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University of Colorado
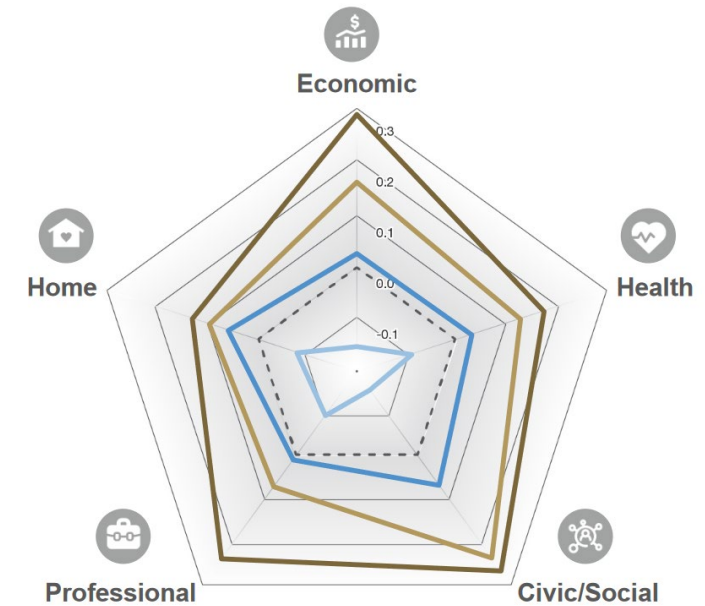Boulder | Colorado Springs | Denver | Anschutz Medical Campus

- Alumni Outcomes tool is a publicly available resource that shows average annual earnings for CU graduates based on field of study

- Can be used by:

  - Prospective students, families, and high school counselors

  - CU admissions offices, career services, departments, and others

  - Outreach efforts

- Provides another data point associated with the value of a postsecondary degree

CU Alumni Outcomes
Data Visualization

Value Index

cu.edu/cu-alumni-outcomes

cu.edu/value-index