

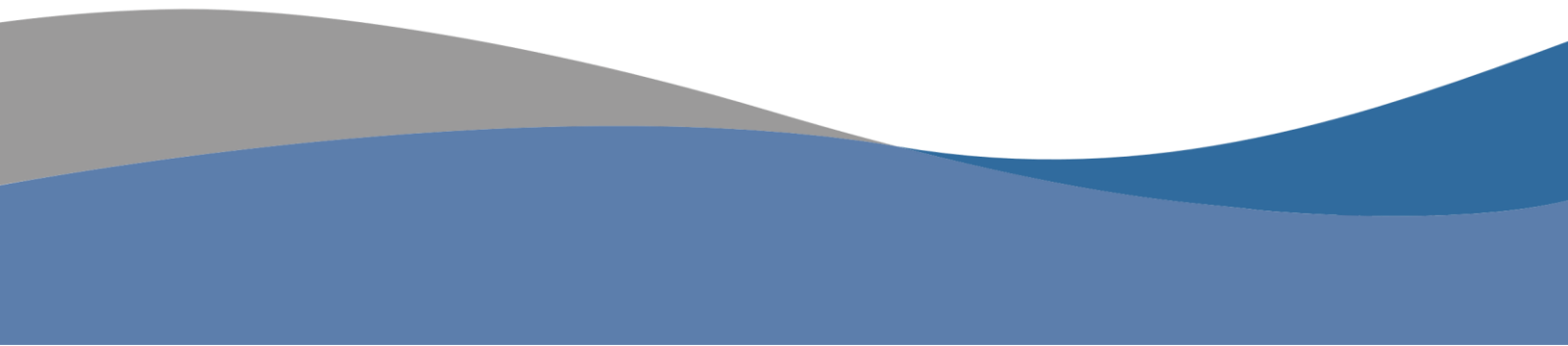


JOBS eQ

Perkins V Report

Strengthening Career & Technical Education

in ZCTA 85298



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About this Report

The education industry supplies human capital to all industries. This report takes a macroeconomic view of the industries and the occupations that currently underpin the ZCTA 85298 economy. Knowing what skills and occupations local employers need now and in the future will help the education community better anticipate curriculum that prepares students for those job openings.

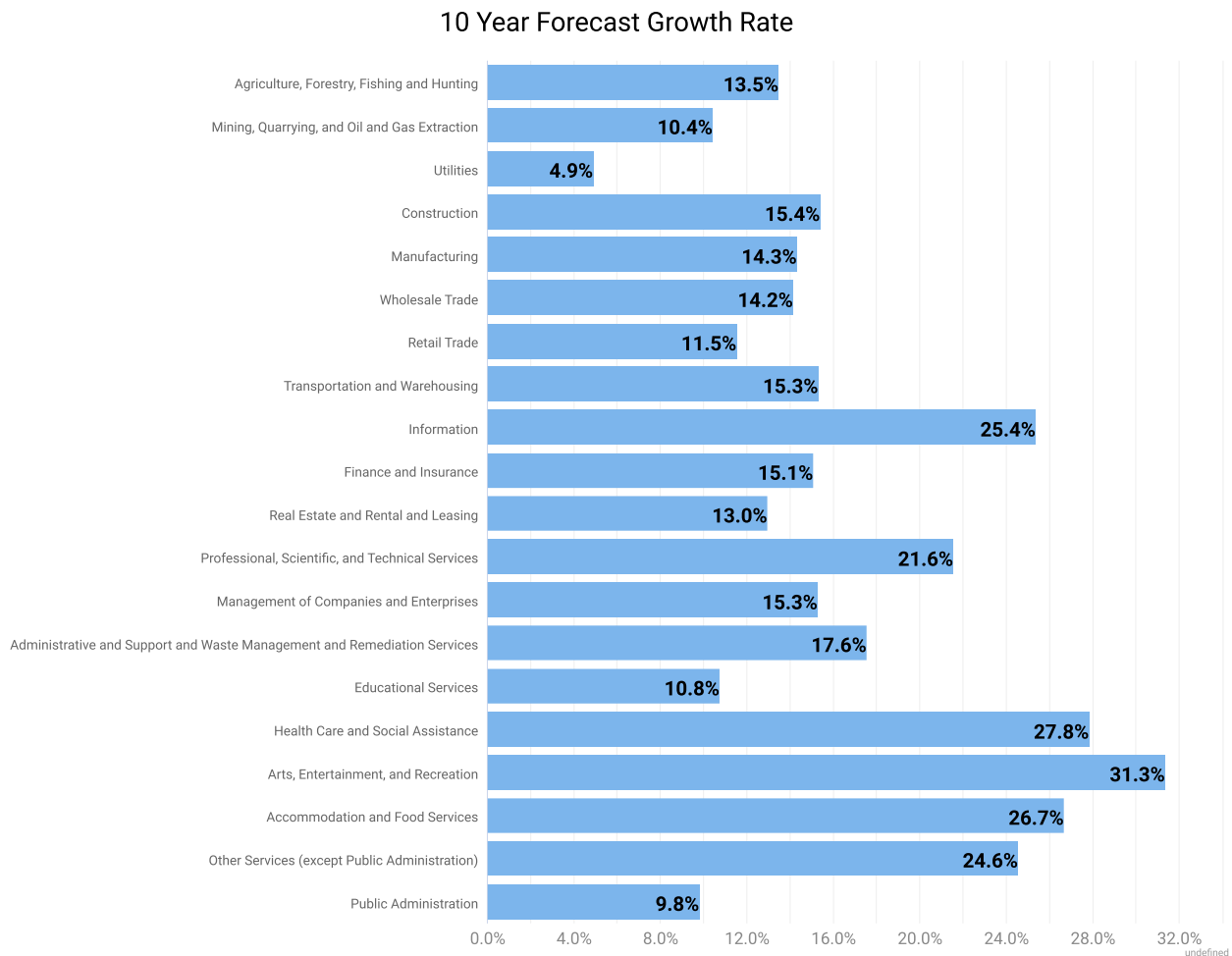
This report is designed to help educators who want to move beyond compliance and use Perkins V to make a real difference in their students' education. It provides actionable labor market intelligence—one of the Comprehensive Local Needs Assessment's (CLNA's) six requirements to bridge secondary education students to skilled jobs that employers need in ZCTA 85298.

Industry Growth Forecasts

To help high school students select careers, educators can show them the earnings potential and the job opportunities across all industries today and in the future.

Employers can be categorized into one of 20 major industry sectors. The chart below shows the net job growth forecast for these sectors in ZCTA 85298.

As of the first quarter of 2023, ZCTA 85298 had 20 sectors forecast to have positive employment growth over the next ten years and 0 sectors projected to contract. Those growing include "Arts, Entertainment, and Recreation," "Health Care and Social Assistance" and "Accommodation and Food Services."



Industry Forecasts Including Retirement Demand

For an accurate assessment of future demand, the number of people retiring from an industry need to be taken into account. From that perspective, the "Accommodation and Food Services," "Educational Services" and "Health Care and Social Assistance" sectors are expected to have the highest annual job demand in ZCTA 85298.

Sector	Employment	Avg Ann Wages	Ann Empl Growth	Ann Total Demand
Accommodation and Food Services	401	\$27,683	10	80
Educational Services	725	\$54,741	7	79
Health Care and Social Assistance	575	\$57,526	14	74
Construction	590	\$72,510	9	67
Retail Trade	351	\$46,506	4	54
Professional, Scientific, and Technical Services	439	\$85,729	9	48
Arts, Entertainment, and Recreation	238	\$43,491	7	42
Other Services (except Public Administration)	256	\$40,304	6	37
Administrative and Support and Waste Management and Remediation Services	189	\$54,470	3	26
Real Estate and Rental and Leasing	130	\$86,267	2	15
Finance and Insurance	98	\$96,785	1	11
Wholesale Trade	72	\$114,385	1	9
Transportation and Warehousing	68	\$51,882	1	9
Information	42	\$119,120	1	5
Manufacturing	30	\$69,370	0	4
Agriculture, Forestry, Fishing and Hunting	13	\$64,967	0	2
Utilities	2	\$131,102	0	0
Management of Companies and Enterprises	2	\$108,299	0	0
Total - All Industries	4,238	\$59,819	75	567

Detailed Industry Projections

Total employment in ZCTA 85298 is forecast to increase 19.2% over the next ten years, compared with an expected growth rate of 5.5% in the nation over the same period.

At the detailed industry level, "Restaurants and Other Eating Places" and "Elementary and Secondary Schools" are expected to experience the most job gains over this period.

Industry	Employment	Avg Ann Wages	Hist 10yr Change	Proj 10yr Growth
Restaurants and Other Eating Places	394	\$27,645	251	106
Elementary and Secondary Schools	670	\$54,834	17	64
Personal Care Services	138	\$36,176	131	40
Offices of Other Health Practitioners	133	\$55,429	-108	40
Individual and Family Services	82	\$30,648	58	37
Amusement Parks and Arcades	62	\$21,361	54	31
Other Amusement and Recreation Industries	122	\$34,881	-20	26
Warehouse Clubs, Supercenters, and Other General Merchandise Retailers	178	\$40,739	36	25
Building Equipment Contractors	165	\$73,907	119	24
Offices of Physicians	110	\$100,628	-304	24

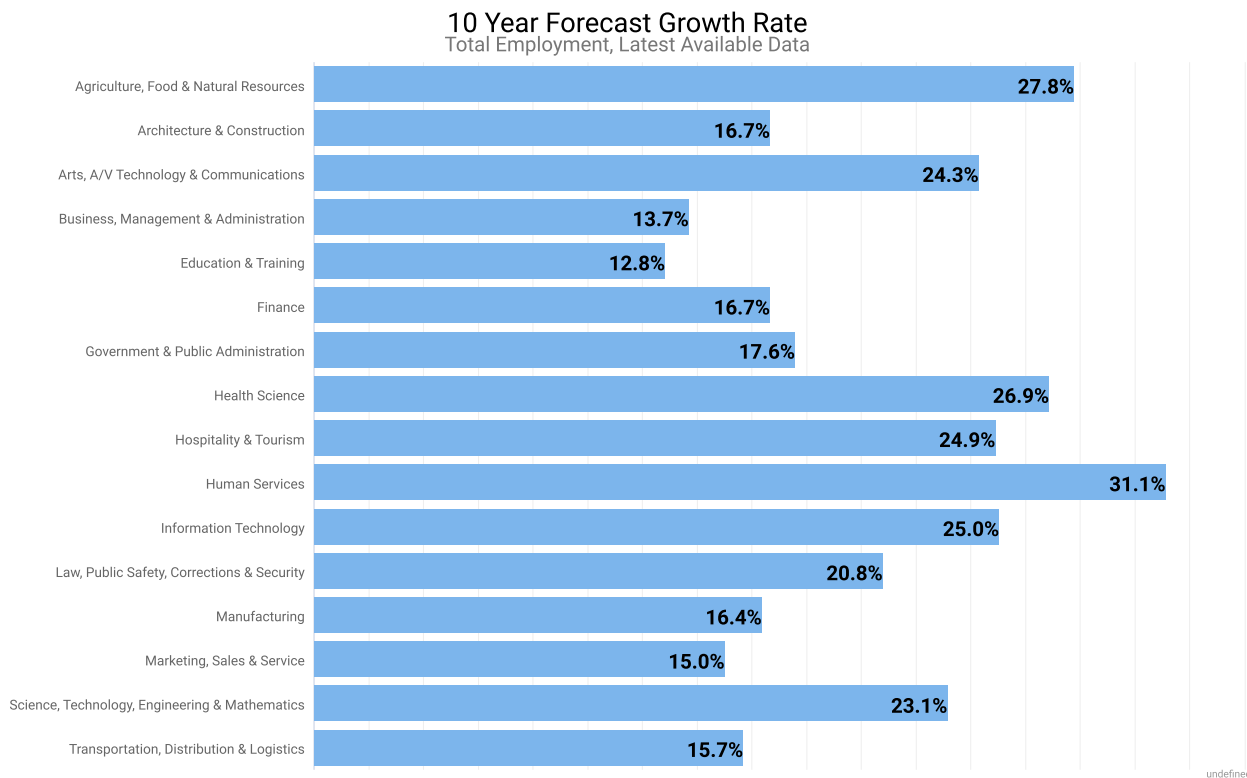
"Administration of Economic Programs " and "Administration of Environmental Quality Programs " are projected to have the largest job declines in the region over the next ten years.

Industry	Employment	Avg Ann Wages	Hist 10yr Change	Proj 10yr Growth
Administration of Economic Programs	0	n/a	-3	0
Administration of Environmental Quality Programs	0	n/a	-1	0
Administration of Human Resource Programs	0	n/a	-1	0
Justice, Public Order, and Safety Activities	0	n/a	-3	0
Executive, Legislative, and Other General Government Support	0	n/a	-2	0
Electronic and Precision Equipment Repair and Maintenance	0	n/a	0	0
Drinking Places (Alcoholic Beverages)	0	n/a	-2	0
Community Food and Housing, and Emergency and Other Relief Services	0	n/a	-1	0
Other Residential Care Facilities	0	n/a	-1	0
Nursing Care Facilities (Skilled Nursing Facilities)	0	n/a	-1	0

Career Cluster Growth Forecasts

With hundreds of occupations, it can be difficult for educators to pinpoint the most promising high-demand and high-wage occupations in their region that provide rewarding careers for their students. Analysis of the sixteen CTE Clusters provides an entryway into career pathways.

Of the sixteen career clusters, all are expected to expand employment in ZCTA 85298 over the next ten years. Of those all, "Science, Technology, Engineering & Mathematics," "Information Technology," "Health Science," "Finance," "Law, Public Safety, Corrections & Security," "Business, Management & Administration," "Government & Public Administration" and "Arts, A/V Technology & Communications" pay more than the average occupation wage in the region (\$62,500).



Career Cluster Forecasts Including Retirement Demand

Similar to the analysis of industry employment growth, an accurate assessment of future occupation demand requires that the number of people retiring be taken into account as shown in the table below. In ZCTA 85298, "Hospitality & Tourism," "Business, Management & Administration" and "Architecture & Construction" clusters are expected to have the highest annual job demand.

"Science, Technology, Engineering & Mathematics" has the highest wages of the CTE Clusters followed by the "Information Technology" and "Health Science" clusters.

Career Cluster	Employment	Avg Ann Wages	Job Ads	Ann Empl Growth	Ann Total Demand
Science, Technology, Engineering & Mathematics	19	\$111,300	0	0	2
Information Technology	124	\$105,500	1	3	12
Health Science	367	\$84,800	25	9	45
Finance	112	\$81,600	1	2	12
Law, Public Safety, Corrections & Security	89	\$68,700	1	2	15
Business, Management & Administration	695	\$66,900	10	9	93
Government & Public Administration	17	\$66,600	0	0	2
Arts, A/V Technology & Communications	67	\$63,900	0	1	9
Education & Training	541	\$59,800	4	7	57
Architecture & Construction	511	\$58,200	1	8	61
Marketing, Sales & Service	399	\$56,900	15	6	59
Manufacturing	132	\$53,200	1	2	16
Transportation, Distribution & Logistics	203	\$51,600	2	3	30
Agriculture, Food & Natural Resources	44	\$51,100	1	1	9
Human Services	316	\$44,900	16	9	55
Hospitality & Tourism	601	\$39,800	20	14	131
Total - All Occupations	4,238	\$62,500	98	75	608

Detailed Occupation Projections

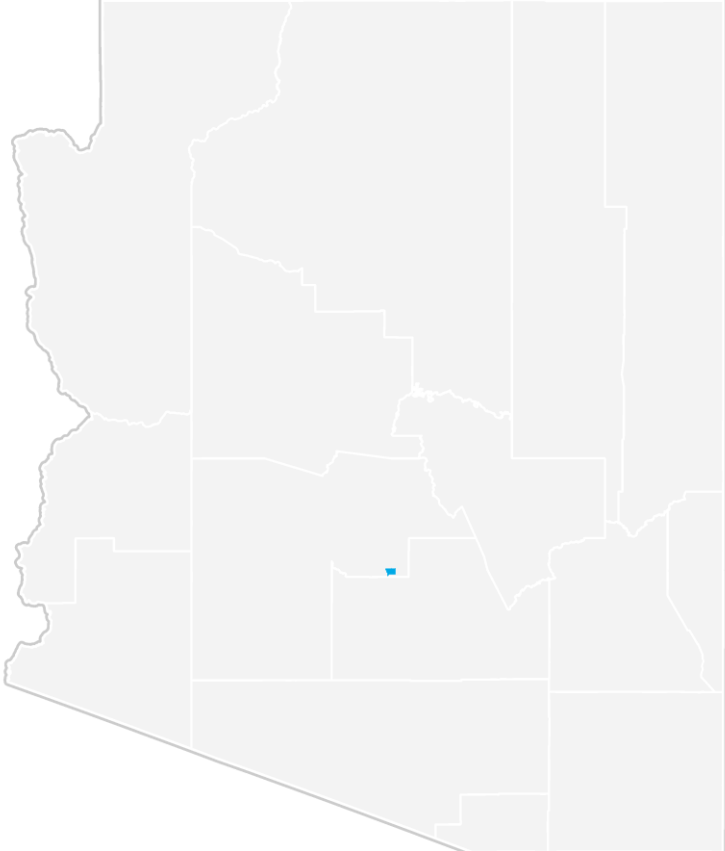
There are over 800 defined occupations at the detailed level. Among those occupations that support a living wage, "General and Operations Managers" and "Software Developers" are expected to add the most jobs over the next ten years in ZCTA 85298.

Occupation	Employment	Avg Ann Wages	Job Ads	Hist 10yr Change	Proj 10yr Growth
General and Operations Managers	89	\$116,300	1	56	20
Software Developers	53	\$128,600	0	52	16
Elementary School Teachers, Except Special Education	115	\$55,700	0	4	12
Secondary School Teachers, Except Special and Career/Technical Education	81	\$65,600	0	2	9
Electricians	42	\$55,300	0	29	9
Massage Therapists	20	\$63,900	0	5	9
Management Analysts	29	\$97,400	0	8	8
First-Line Supervisors of Construction Trades and Extraction Workers	42	\$77,800	0	29	7
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	33	\$76,600	0	24	7
Market Research Analysts and Marketing Specialists	21	\$73,700	0	13	7

Of occupations supporting a living wage, "Executive Secretaries and Executive Administrative Assistants" and "Dental Laboratory Technicians" are projected to have the largest decline in employment over the next ten years.

Occupation	Employment	Avg Ann Wages	Job Ads	Hist 10yr Change	Proj 10yr Growth
Executive Secretaries and Executive Administrative Assistants	6	\$71,200	0	-6	-1
Dental Laboratory Technicians	0	n/a	0	-1	0
First-Line Supervisors of Farming, Fishing, and Forestry Workers	0	n/a	0	0	0
Postal Service Mail Sorters, Processors, and Processing Machine Operators	0	n/a	0	-1	0
Postal Service Clerks	0	n/a	0	-1	0
First-Line Supervisors of Gambling Services Workers	0	n/a	0	-1	0
Transportation Security Screeners	0	n/a	0	-1	0
Detectives and Criminal Investigators	0	n/a	0	-1	0
Paramedics	0	n/a	0	-2	0
Magnetic Resonance Imaging Technologists	0	n/a	0	-1	0

ZCTA 85298 Regional Map



Data Notes

- Industry employment and wages (including total regional employment and wages) are as of 2023Q1 and are based upon Bureau of Labor Statistics (BLS) QCEW data, imputed by Chmura where necessary, and supplemented by additional sources including non-covered employment such as self-employed. Employment forecasts are modeled by Chmura and are consistent with BLS national-level 10-year forecasts.
- Occupation employment is as of 2023Q1 and is based on industry employment and local staffing patterns calculated by Chmura and utilizing BLS Occupation Employment and Wage Statistics (OEWS) data. Wages by occupation are as of 2023Q1, utilizing BLS OEWS data, imputed and brought forward by Chmura. Occupation employment forecasts are modeled by Chmura and are consistent with BLS national-level 10-year forecasts.
- Job ads data are online job posts from the Real-Time Intelligence (RTI) data set, produced wholly by Chmura and gleaned from over 40,000 websites. Data reflect ads active during the last twelve month period ending 08/09/2023 and advertised for any Zip Code Tabulation Area in or intersecting with the region for which this report was produced.
- For skill and certification gaps, openings and candidates are based upon regional occupation demand (growth plus separations) and the percent of skill demand and supply. Skill demand mix data are per a one-year sample of RTI data; skill supply data are estimated using a five-year sample of resumes data; both data sets compiled as of August 2021. Data may be based, at least in part, on data from broader geographies; see the Skill Gaps analytic export for more details.
- Postsecondary are per the National Center for Education Statistics. Awards and enrollment are for the 2020-2021 academic year and average net price data are for the 2020-2021 academic year.
- Figures may not sum due to rounding.

FAQs

How are industries and occupations defined?

Industries are defined via the North American Industry Classification System (NAICS). “Sectors” in this report represent 2-digit NAICS codes and industries in the “Industry Analysis” section of this report represent 4-digit NAICS codes. Occupations are defined via the Standard Occupational Classification System (SOC). Occupations in the “Occupation Analysis” section of this report represent 6-digit SOC codes. “CTE Clusters” are collections of 6-digit SOC occupations as defined through the National Career Clusters® Framework.

How is “Ann Total Demand” defined?

Annual total employment demand is forecast job demand that includes job needs due to growth, exits (such as retirements), and transfers (individuals moving from one career into another).

What is the Living Wage used in this report?

The living wage in the United States is \$24.16 per hour in 2021, before taxes for a family of four (two working adults, two children) - MIT Living Wage Calculator.