

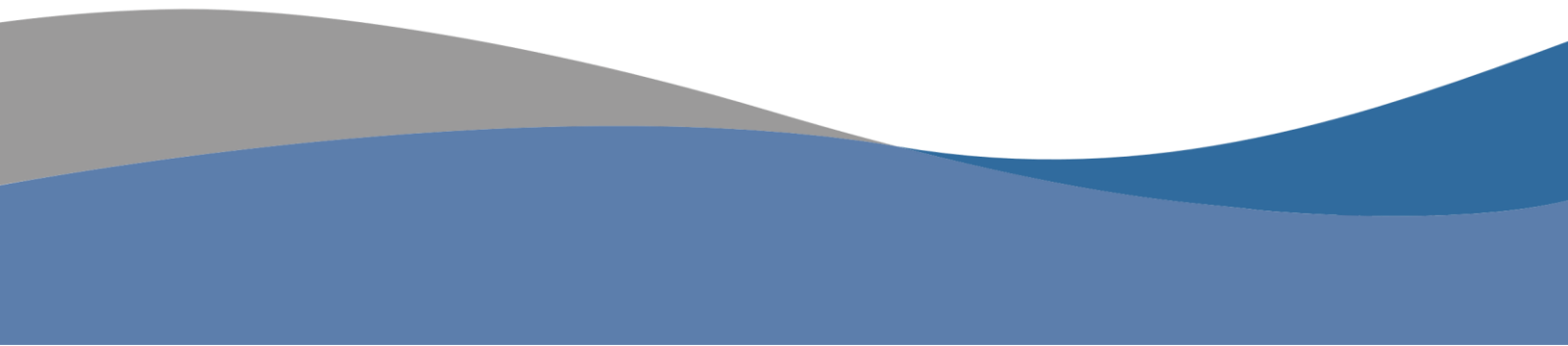


JOBS eQ

Perkins V Report

Strengthening Career & Technical Education

in ZCTA 85234



About this Report 3
Industry Growth Forecasts 4
Industry Forecasts Including Retirement Demand 5
Detailed Industry Projections 6
Career Cluster Growth Forecasts 7
Career Cluster Forecasts Including Retirement Demand 8
Detailed Occupation Projections 9
ZCTA 85234 Regional Map 10
Data Notes 11
FAQs 12



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 85234 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.

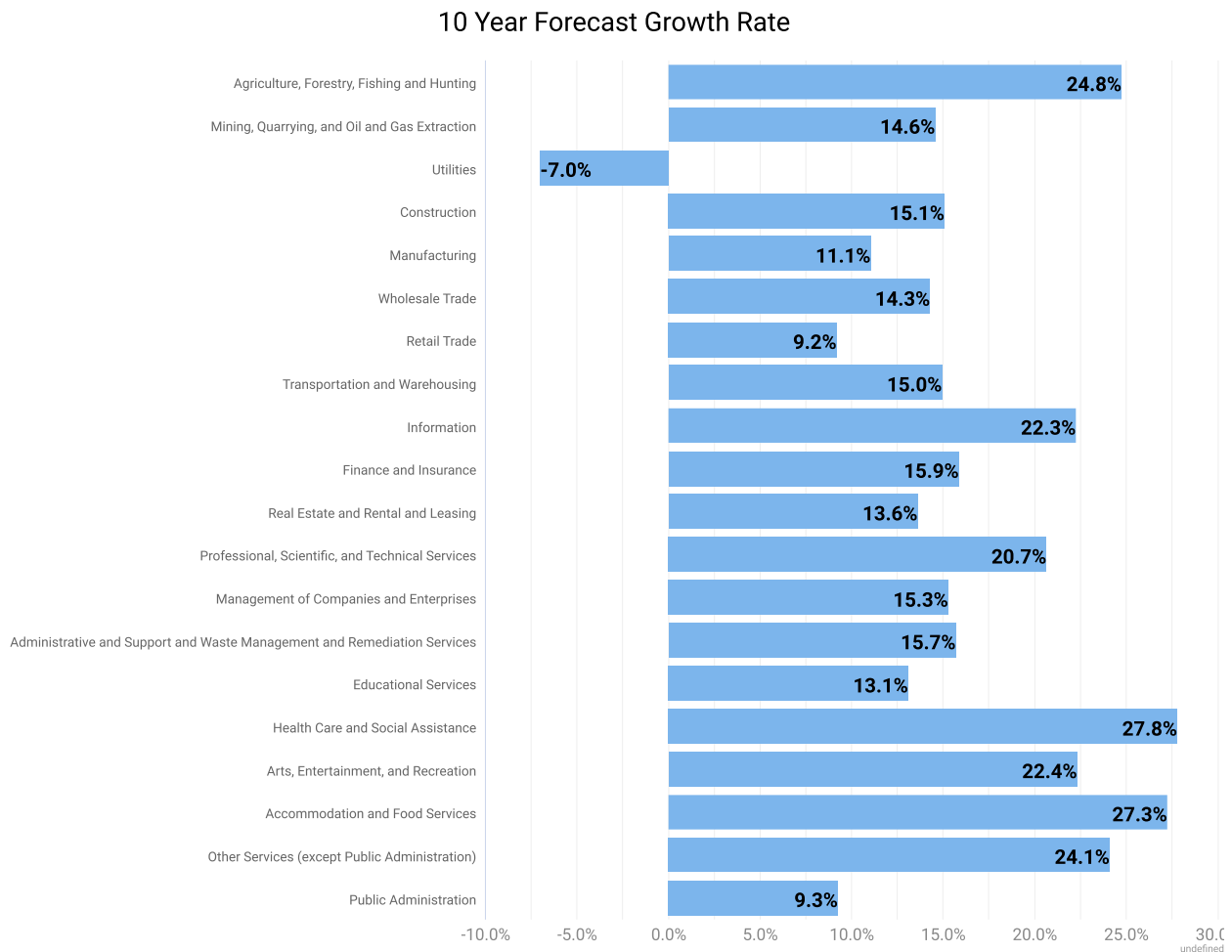
This report is designed to help educators who want to move beyond compliance and use Perkins V to make a real difference in their students' education. It provides actionable labor market intelligence—one of the Comprehensive Local Needs Assessment's (CLNA's) six requirements to bridge secondary education students to skilled jobs that employers need in ZCTA 85234.

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 85234.

As of the first quarter of 2023, ZCTA 85234 had 19 sectors forecast to have positive employment growth over the next ten years and 1 sector projected to contract. Those growing include "Health Care and Social Assistance," "Accommodation and Food Services" and "Agriculture, Forestry, Fishing and Hunting."



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," "Health Care and Social Assistance" and "Retail Trade" sectors are expected to have the highest annual job demand in ZCTA 85234.

Sector	Employment	Avg Ann Wages	Ann Empl Growth	Ann Total Demand
Accommodation and Food Services	2,429	\$29,106	59	487
Health Care and Social Assistance	2,717	\$69,466	68	350
Retail Trade	1,274	\$42,380	11	192
Educational Services	1,491	\$53,443	18	166
Administrative and Support and Waste Management and Remediation Services	1,081	\$53,132	16	148
Other Services (except Public Administration)	953	\$38,597	21	137
Construction	1,075	\$73,350	15	121
Professional, Scientific, and Technical Services	698	\$86,111	13	76
Finance and Insurance	491	\$97,010	7	54
Real Estate and Rental and Leasing	302	\$76,751	4	35
Arts, Entertainment, and Recreation	190	\$29,376	4	32
Transportation and Warehousing	163	\$63,132	2	22
Wholesale Trade	154	\$97,025	2	19
Manufacturing	93	\$61,019	1	11
Information	89	\$129,107	2	11
Utilities	49	\$115,034	0	4
Agriculture, Forestry, Fishing and Hunting	25	\$72,328	1	4
Management of Companies and Enterprises	20	\$104,529	0	2
Public Administration	2	\$100,296	0	0
Mining, Quarrying, and Oil and Gas Extraction	1	\$78,456	0	0
Total - All Industries	13,341	\$56,773	247	1,796

Detailed Industry Projections

Total employment in ZCTA 85234 is forecast to increase 20.2% 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 "Outpatient Care Centers" 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	2,084	\$27,826	1,181	561
Outpatient Care Centers	541	\$84,955	316	165
Offices of Physicians	723	\$100,296	214	159
Individual and Family Services	356	\$36,498	241	159
Elementary and Secondary Schools	1,340	\$54,020	-142	148
Offices of Other Health Practitioners	264	\$54,163	79	80
Personal Care Services	278	\$36,521	144	79
Employment Services	451	\$52,523	184	66
Other Personal Services	181	\$42,239	38	65
Services to Buildings and Dwellings	349	\$44,333	39	51

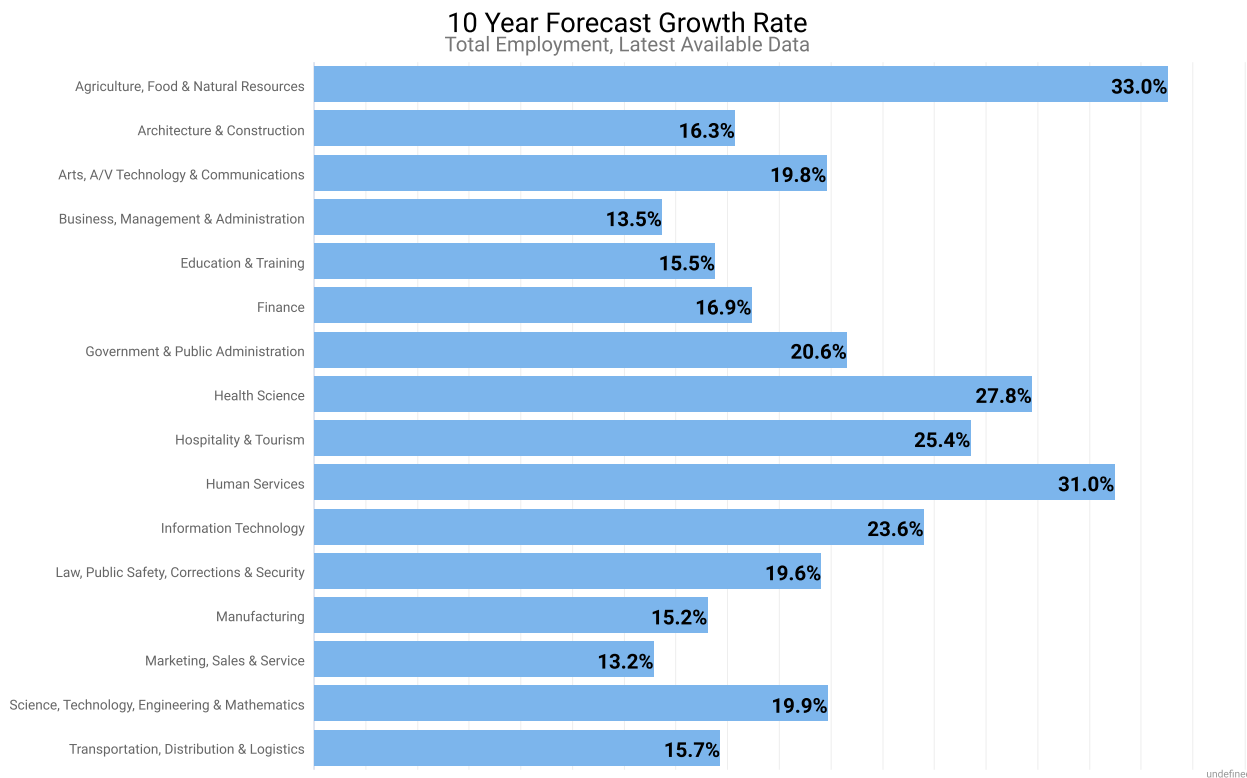
"Electric Power Generation, Transmission and Distribution" and "Used Merchandise Retailers " are projected to have the largest job declines in the region over the next ten years.

Industry	Employment	Avg Ann Wages	Hist 10yr Change	Proj 10yr Growth
Electric Power Generation, Transmission and Distribution	29	\$136,909	7	-6
Used Merchandise Retailers	54	\$28,958	23	-6
Office Supplies, Stationery, and Gift Retailers	5	\$34,989	-20	-1
Printing and Related Support Activities	8	\$49,172	2	-1
Administration of Economic Programs	0	n/a	-6	0
Administration of Environmental Quality Programs	0	n/a	-1	0
Administration of Human Resource Programs	0	n/a	-3	0
Executive, Legislative, and Other General Government Support	0	n/a	-6	0
Grantmaking and Giving Services	0	n/a	-1	0
Amusement Parks and Arcades	0	n/a	0	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 85234 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 85234, "Hospitality & Tourism," "Business, Management & Administration" and "Marketing, Sales & Service" 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	47	\$111,300	0	1	4
Information Technology	280	\$105,500	6	6	27
Health Science	1,605	\$84,800	126	40	191
Finance	403	\$81,600	4	6	44
Law, Public Safety, Corrections & Security	148	\$68,700	13	3	22
Business, Management & Administration	2,218	\$66,900	14	28	300
Government & Public Administration	45	\$66,600	0	1	5
Arts, A/V Technology & Communications	125	\$63,900	1	2	16
Education & Training	1,183	\$59,800	108	17	129
Architecture & Construction	1,067	\$58,200	7	16	129
Marketing, Sales & Service	1,291	\$56,900	46	16	198
Manufacturing	448	\$53,200	13	6	57
Transportation, Distribution & Logistics	668	\$51,600	4	10	98
Agriculture, Food & Natural Resources	163	\$51,100	7	5	33
Human Services	991	\$44,900	44	27	164
Hospitality & Tourism	2,658	\$39,800	120	61	575
Total - All Occupations	13,341	\$62,500	513	247	1,996

Detailed Occupation Projections

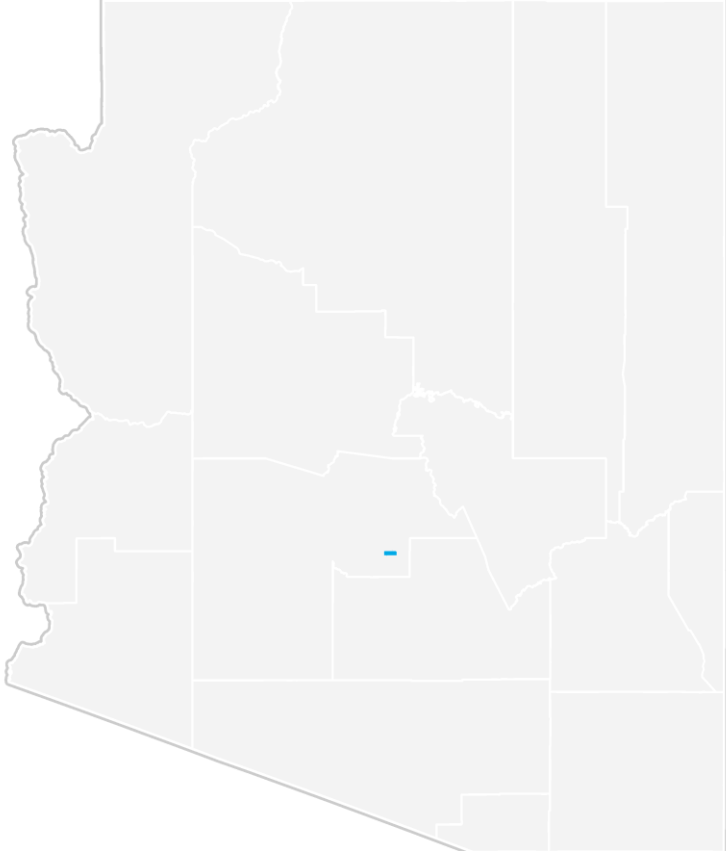
There are over 800 defined occupations at the detailed level. Among those occupations that support a living wage, "General and Operations Managers" and "Registered Nurses" are expected to add the most jobs over the next ten years in ZCTA 85234.

Occupation	Employment	Avg Ann Wages	Job Ads	Hist 10yr Change	Proj 10yr Growth
General and Operations Managers	271	\$116,300	2	131	59
Registered Nurses	189	\$91,300	4	73	45
Nurse Practitioners	47	\$126,300	4	28	38
Bartenders	122	\$57,100	2	92	35
Software Developers	103	\$128,600	0	102	33
Elementary School Teachers, Except Special Education	230	\$55,700	10	-27	27
Medical and Health Services Managers	51	\$125,300	7	25	26
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	61	\$57,500	5	42	25
Secondary School Teachers, Except Special and Career/Technical Education	172	\$65,600	15	-17	22
Heavy and Tractor-Trailer Truck Drivers	121	\$55,100	1	46	20

Of occupations supporting a living wage, "Executive Secretaries and Executive Administrative Assistants" and "Power Plant Operators" 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	20	\$71,200	0	-24	-2
Power Plant Operators	3	\$98,100	0	1	-1
New Accounts 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
Correctional Officers and Jailers	0	n/a	0	-1	0
Broadcast Technicians	0	n/a	0	0	0
Broadcast Announcers and Radio Disc Jockeys	0	n/a	0	-1	0
Career/Technical Education Teachers, Middle School	0	n/a	0	0	0

ZCTA 85234 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.