JOBSEQ

Perkins V Report

Strengthening Career & Technical Education

in ZCTA 85296

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 85296 Regional Map 10
Data Notes 11
FAQs 12

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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 85296 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 85296.

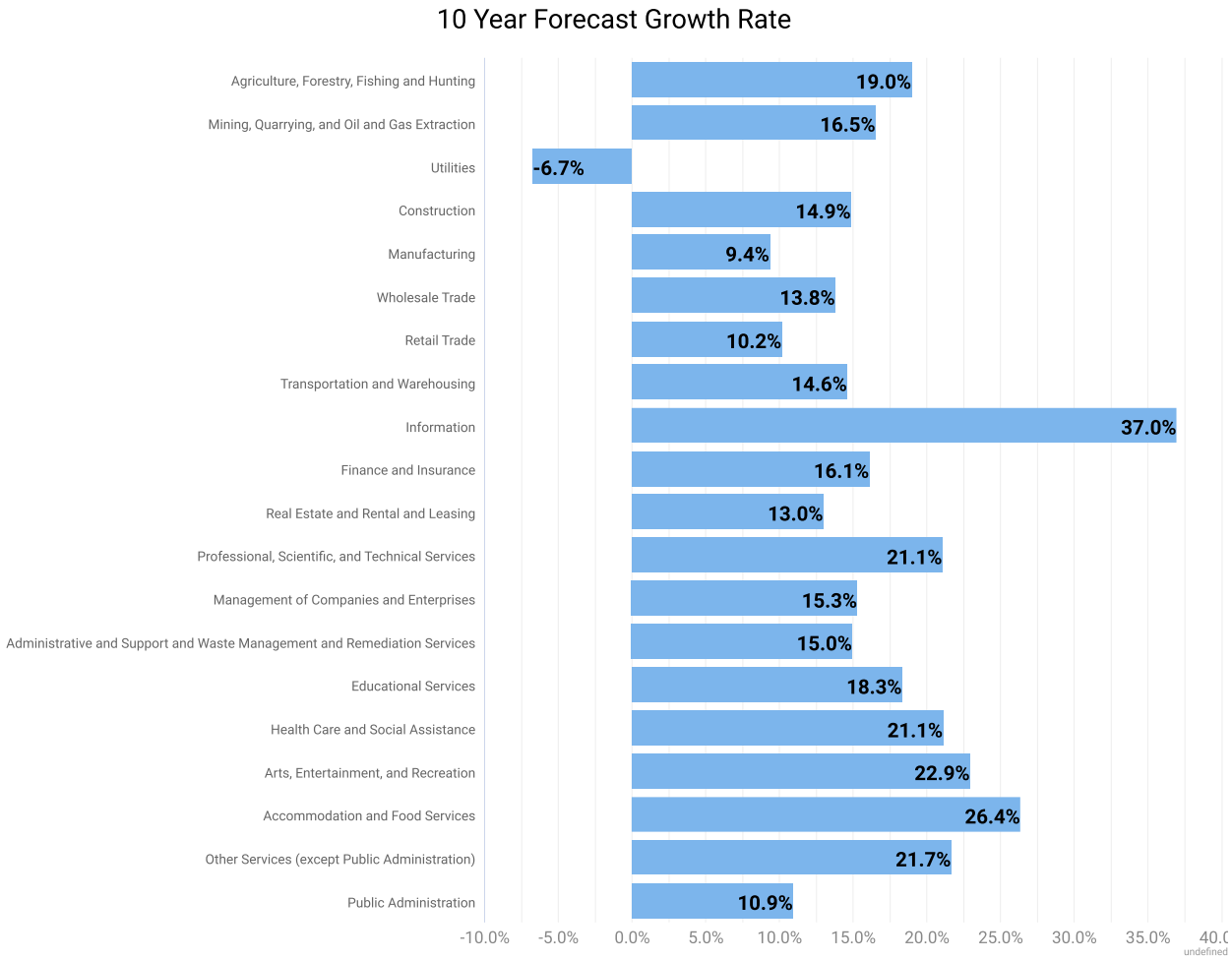
Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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 85296.

As of the first quarter of 2023, ZCTA 85296 had 19 sectors forecast to have positive employment growth over the next ten years and 1 sector projected to contract. Those growing include "Information," "Accommodation and Food Services" and "Arts, Entertainment, and Recreation."



Source: JobsEQ®, http://www.chmuraecon.com/jobseq

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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 85296.

Sector	Employment	Avg Ann Wages	Ann Empl Growth	Ann Total Demand
Accommodation and Food Services	1,647	$27,343	39	329
Health Care and Social Assistance	2,562	$76,062	50	315
Retail Trade	1,865	$42,385	18	283
Arts, Entertainment, and Recreation	1,390	$32,504	29	237
Educational Services	1,332	$49,411	23	155
Administrative and Support and Waste Management and Remediation Services	943	$55,717	13	128
Public Administration	1,112	$76,901	12	123
Construction	895	$74,573	13	100
Other Services (except Public Administration)	693	$41,373	14	98
Professional, Scientific, and Technical Services	660	$87,233	13	73
Transportation and Warehousing	401	$59,177	6	54
Finance and Insurance	332	$98,994	5	36
Real Estate and Rental and Leasing	183	$75,010	2	21
Utilities	179	$115,424	-1	16
Information	73	$74,733	2	10
Wholesale Trade	74	$103,695	1	9
Manufacturing	43	$63,541	0	5
Agriculture, Forestry, Fishing and Hunting	23	$57,835	0	3
Management of Companies and Enterprises	14	$108,566	0	2
Total - All Industries	**14,465**	**$57,600**	**240**	**1,919**

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

Detailed Industry Projections

Total employment in ZCTA 85296 is forecast to increase 17.9% 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 "General Medical and Surgical Hospitals" 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	1,588	$27,168	425	421
General Medical and Surgical Hospitals	1,432	$83,621	580	253
Other Amusement and Recreation Industries	1,032	$25,802	340	238
Elementary and Secondary Schools	1,019	$52,490	41	133
Employment Services	814	$56,863	81	123
Other Schools and Instruction	203	$25,425	131	90
Offices of Other Health Practitioners	220	$51,785	160	75
Offices of Physicians	339	$102,280	247	74
Executive, Legislative, and Other General Government Support	455	$72,716	89	59
Personal Care Services	177	$36,449	82	51

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

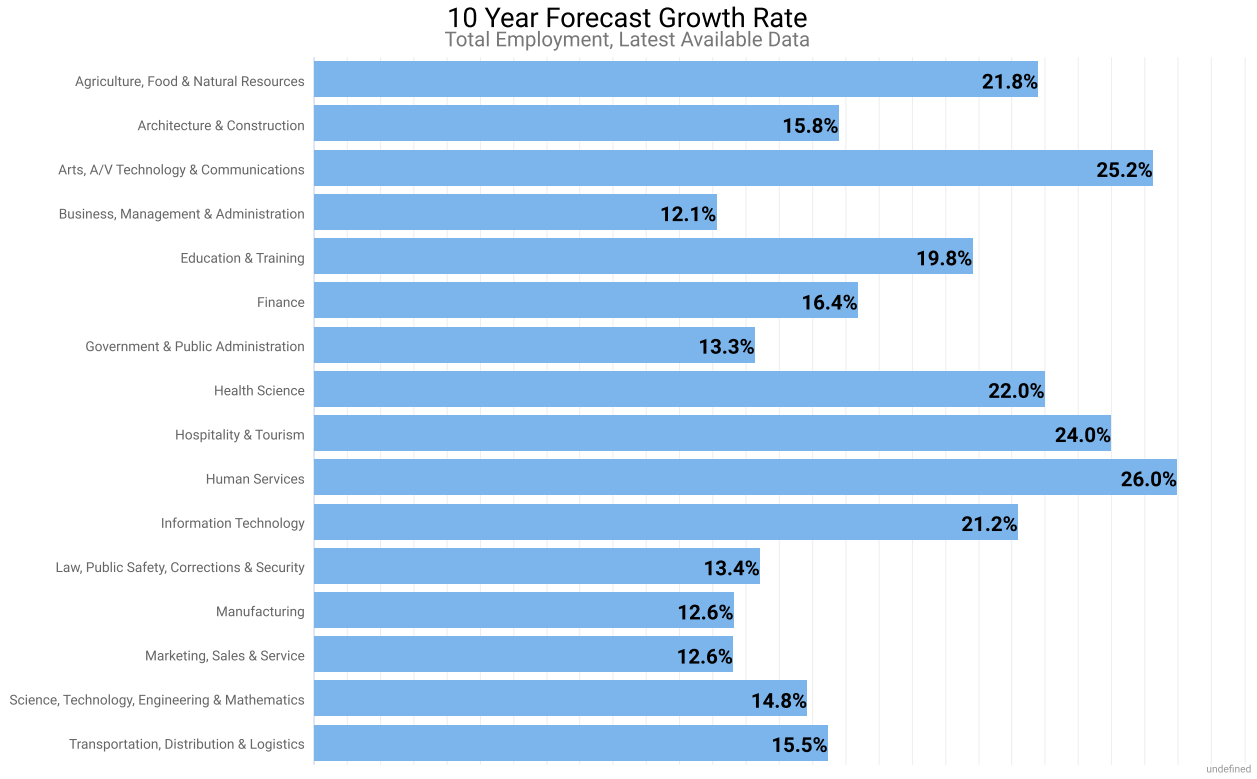
Industry	Employment	Avg Ann Wages	Hist 10yr Change	Proj 10yr Growth
Electric Power Generation, Transmission and Distribution	108	$136,641	40	-22
Office Supplies, Stationery, and Gift Retailers	34	$50,847	-10	-4
Used Merchandise Retailers	38	$29,006	35	-4
Printing and Related Support Activities	6	$60,576	1	-1
Book Retailers and News Dealers	7	$27,549	-21	-1
Satellite Telecommunications	0	n/a	0	0
Beer, Wine, and Liquor Retailers	0	n/a	0	0
Land Subdivision	0	n/a	-9	0
Vocational Rehabilitation Services	1	$37,739	0	0
Other Residential Care Facilities	1	$55,193	0	0

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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 85296 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).



Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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 85296, "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	75	$111,300	2	1	7
Information Technology	295	$105,500	2	6	28
Health Science	1,991	$84,800	67	40	214
Finance	338	$81,600	11	5	36
Law, Public Safety, Corrections & Security	655	$68,700	10	8	82
Business, Management & Administration	2,647	$66,900	56	30	354
Government & Public Administration	138	$66,600	1	2	16
Arts, A/V Technology & Communications	174	$63,900	3	4	24
Education & Training	1,068	$59,800	61	19	126
Architecture & Construction	954	$58,200	8	14	113
Marketing, Sales & Service	1,537	$56,900	74	18	240
Manufacturing	489	$53,200	9	6	59
Transportation, Distribution & Logistics	743	$51,600	17	11	108
Agriculture, Food & Natural Resources	131	$51,100	5	3	22
Human Services	912	$44,900	45	21	161
Hospitality & Tourism	2,318	$39,800	104	50	507
Total - All Occupations	**14,465**	**$62,500**	**475**	**240**	**2,098**

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

Detailed Occupation Projections

There are over 800 defined occupations at the detailed level. Among those occupations that support a living wage, "Registered Nurses" and "Exercise Trainers and Group Fitness Instructors" are expected to add the most jobs over the next ten years in ZCTA 85296.

Occupation	Employment	Avg Ann Wages	Job Ads	Hist 10yr Change	Proj 10yr Growth
Registered Nurses	540	$91,300	4	227	94
Exercise Trainers and Group Fitness Instructors	263	$52,700	7	124	74
General and Operations Managers	298	$116,300	3	156	64
Software Developers	94	$128,600	0	90	29
Elementary School Teachers, Except Special Education	173	$55,700	4	-3	24
Medical and Health Services Managers	57	$125,300	4	31	24
Coaches and Scouts	58	$71,700	6	23	22
Secondary School Teachers, Except Special and Career/Technical Education	141	$65,600	11	1	21
Heavy and Tractor-Trailer Truck Drivers	134	$55,100	1	84	21
Human Resources Specialists	103	$69,100	0	45	21

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	27	$71,200	0	-22	-3
Power Plant Operators	12	$98,100	0	5	-2
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	3	$99,700	0	1	-1
Legal Secretaries and Administrative Assistants	8	$51,500	1	-2	-1
Inspectors, Testers, Sorters, Samplers, and Weighers	13	$53,200	0	5	-1
Electrical Power-Line Installers and Repairers	15	$93,800	0	7	-1
Payroll and Timekeeping Clerks	16	$51,900	0	2	-1
Railroad Brake, Signal, and Switch Operators and Locomotive Firers	0	n/a	0	0	0
Locomotive Engineers	0	n/a	0	-1	0
Rail Car Repairers	0	n/a	0	0	0

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

ZCTA 85296 Regional Map

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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.

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.

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.

Copyright © 2023 Chmura Economics & Analytics, All Rights Reserved.