



JOBS **eQ**

Perkins V Report

Strengthening Career & Technical Education

in Gilbert town, AZ



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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 Gilbert town, AZ 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.

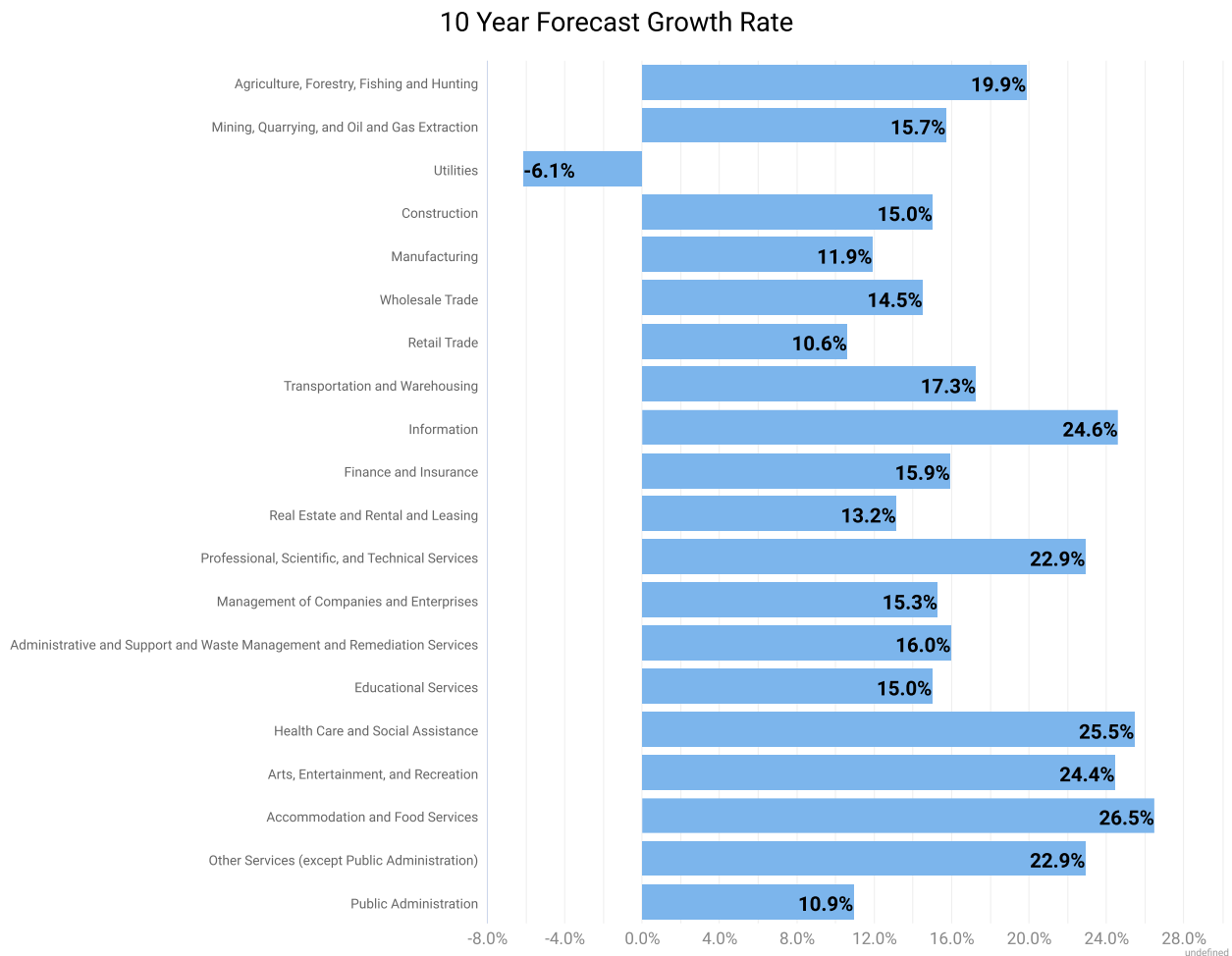
This report is designed to help educators who want to move beyond compliance and use Perkins V to make a real difference in their students' education. It provides actionable labor market intelligence—one of the Comprehensive Local Needs Assessment's (CLNA's) six requirements to bridge secondary education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

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 the Gilbert town, AZ.

As of the first quarter of 2023, the Gilbert town, AZ had 19 sectors forecast to have positive employment growth over the next ten years and 1 sector projected to contract. Those growing include "Accommodation and Food Services," "Health Care and Social Assistance" and "Information."



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 the Gilbert town, AZ.

Sector	Employment	Avg Ann Wages	Ann Empl Growth	Ann Total Demand
Accommodation and Food Services	10,196	\$30,395	242	2,036
Health Care and Social Assistance	15,034	\$66,719	345	1,905
Retail Trade	12,123	\$48,279	123	1,845
Construction	10,988	\$73,937	155	1,235
Administrative and Support and Waste Management and Remediation Services	6,522	\$53,707	97	892
Educational Services	7,132	\$54,471	100	807
Professional, Scientific, and Technical Services	5,037	\$94,194	105	561
Other Services (except Public Administration)	3,635	\$44,442	76	518
Manufacturing	3,627	\$89,415	41	438
Arts, Entertainment, and Recreation	2,078	\$54,140	46	357
Finance and Insurance	2,549	\$96,311	38	279
Real Estate and Rental and Leasing	2,043	\$76,277	25	238
Information	1,745	\$106,341	39	211
Transportation and Warehousing	1,385	\$57,202	22	189
Wholesale Trade	1,406	\$99,511	19	176
Public Administration	1,116	\$77,458	12	123
Management of Companies and Enterprises	201	\$108,245	3	22
Utilities	236	\$108,354	-1	21
Agriculture, Forestry, Fishing and Hunting	142	\$59,122	3	21
Mining, Quarrying, and Oil and Gas Extraction	36	\$137,420	1	4
Total - All Industries	87,551	\$67,211	1,506	11,665

Detailed Industry Projections

Total employment in the Gilbert town, AZ is forecast to increase 18.6% 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 "Offices of Physicians" 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	9,394	\$27,813	4,163	2,479
Offices of Physicians	3,565	\$102,459	2,158	783
Elementary and Secondary Schools	5,660	\$53,928	-137	626
General Medical and Surgical Hospitals	3,011	\$83,615	753	533
Individual and Family Services	1,182	\$35,961	971	531
Building Equipment Contractors	3,406	\$74,085	1,947	489
Home Health Care Services	1,443	\$38,828	981	479
Computer Systems Design and Related Services	1,477	\$115,078	133	461
Offices of Other Health Practitioners	1,419	\$53,879	572	442
Employment Services	2,856	\$54,523	1,179	421

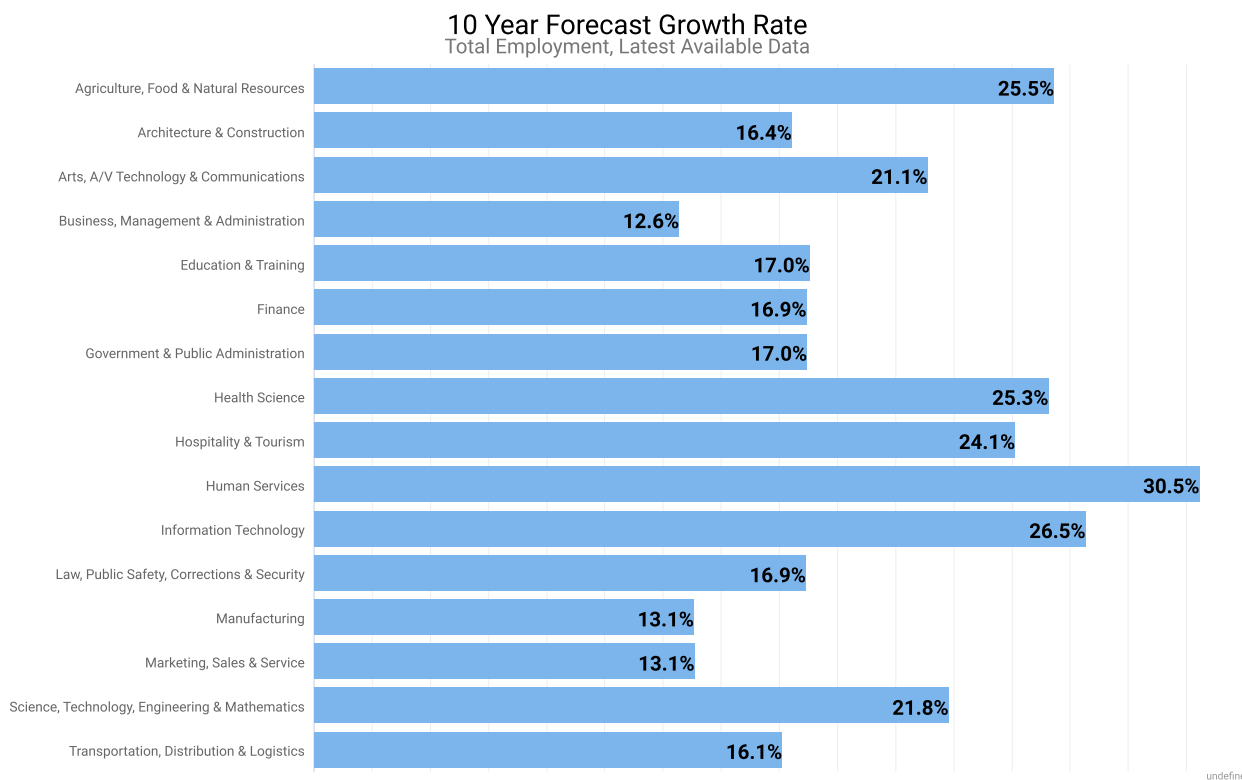
"Electric Power Generation, Transmission and Distribution" and "Used Merchandise Retailers " are projected to have the largest job declines in the region over the next ten years.

Industry	Employment	Avg Ann Wages	Hist 10yr Change	Proj 10yr Growth
Electric Power Generation, Transmission and Distribution	141	\$136,984	40	-28
Used Merchandise Retailers	262	\$28,988	129	-27
Office Supplies, Stationery, and Gift Retailers	114	\$39,640	-18	-13
Printing and Related Support Activities	90	\$58,338	11	-12
Newspaper, Periodical, Book, and Directory Publishers	91	\$88,864	32	-7
Book Retailers and News Dealers	31	\$27,628	-33	-6
Engine, Turbine, and Power Transmission Equipment Manufacturing	60	\$68,703	49	-3
Florists	17	\$30,268	1	-2
Other Leather and Allied Product Manufacturing	26	\$29,883	-36	-2
Electric Lighting Equipment Manufacturing	162	\$64,764	105	-2

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 the Gilbert town, AZ 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 the Gilbert town, AZ, "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	698	\$111,300	0	14	65
Information Technology	2,515	\$105,500	0	60	251
Health Science	9,886	\$84,800	0	225	1,129
Finance	2,310	\$81,600	0	36	249
Law, Public Safety, Corrections & Security	1,639	\$68,700	0	26	230
Business, Management & Administration	15,494	\$66,900	0	184	2,082
Government & Public Administration	396	\$66,600	0	6	46
Arts, A/V Technology & Communications	1,051	\$63,900	0	20	138
Education & Training	5,606	\$59,800	0	89	631
Architecture & Construction	10,033	\$58,200	0	154	1,200
Marketing, Sales & Service	10,310	\$56,900	0	128	1,577
Manufacturing	4,684	\$53,200	0	58	584
Transportation, Distribution & Logistics	5,186	\$51,600	0	78	748
Agriculture, Food & Natural Resources	866	\$51,100	0	20	157
Human Services	4,745	\$44,900	0	128	821
Hospitality & Tourism	12,131	\$39,800	0	265	2,616
Total - All Occupations	87,551	\$62,500	0	1,500	12,534

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 the Gilbert town, AZ.

Occupation	Employment	Avg Ann Wages	Job Ads	Hist 10yr Change	Proj 10yr Growth
General and Operations Managers	1,951	\$116,300	0	1,073	392
Registered Nurses	1,770	\$91,300	0	702	353
Software Developers	936	\$128,600	0	929	334
Electricians	871	\$55,300	0	492	177
Nurse Practitioners	227	\$126,300	0	161	169
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	764	\$76,600	0	424	142
Medical and Health Services Managers	283	\$125,300	0	157	133
First-Line Supervisors of Construction Trades and Extraction Workers	797	\$77,800	0	439	132
Heavy and Tractor-Trailer Truck Drivers	747	\$55,100	0	330	121
Market Research Analysts and Marketing Specialists	363	\$73,700	0	219	119

Of occupations supporting a living wage, "Executive Secretaries and Executive Administrative Assistants" and "Inspectors, Testers, Sorters, Samplers, and Weighers" are projected to have the largest decline in employment over the next ten years.

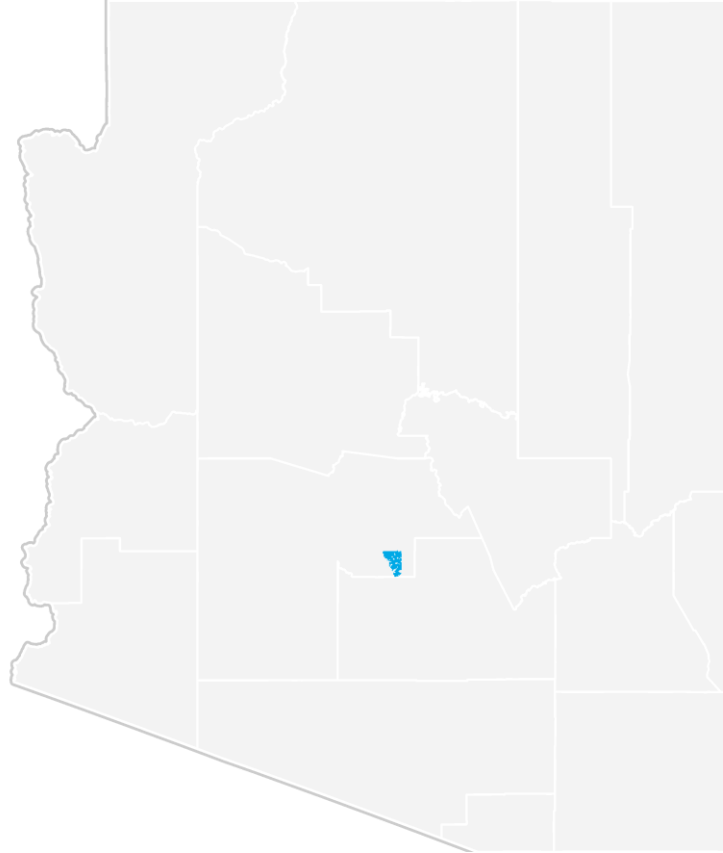
Occupation	Employment	Avg Ann Wages	Job Ads	Hist 10yr Change	Proj 10yr Growth
Executive Secretaries and Executive Administrative Assistants	132	\$71,200	0	-129	-14
Inspectors, Testers, Sorters, Samplers, and Weighers	203	\$53,200	0	97	-9
Payroll and Timekeeping Clerks	89	\$51,900	0	13	-4
Power Plant Operators	16	\$98,100	0	5	-3
Legal Secretaries and Administrative Assistants	28	\$51,500	0	-4	-3
Electronic Equipment Installers and Repairers, Motor Vehicles	6	\$65,400	0	-6	-2
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	15	\$58,900	0	12	-1
Tank Car, Truck, and Ship Loaders	1	\$50,400	0	1	0
Wellhead Pumpers	1	\$69,700	0	0	0
Hoist and Winch Operators	1	\$73,400	0	0	0

Regional Colleges and Universities

For students interested in advanced degrees, the list below provides the largest postsecondary schools within the Gilbert town, AZ. The schools are sorted by enrollment size.

School	Certificates and 2yr Awards	4yr Awards	Total School Enrollment	Avg Net Price
Pima Medical Institute-East Valley	355	0	363	\$18,455
Total	355	0	363	n/a

Gilbert town, AZ 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.