



PINAL COUNTY

Innovative Workforce Solutions

Pinal County
Health Care Industry
2021 Asset Inventory

Health Care Industry

2021 Asset Inventory

Introduction and Technical Notes

This document inventories the workforce-related assets that support the health care industry in Pinal County. It estimates both the incumbent workforce and the talent pipeline to provide perspective on the capacity of the region to support the human capital needs of an employer from within this sector.

The Employers

The analysis of the incumbent workforce relies on public labor market data, specifically the United States Bureau of Labor Statistics' *Quarterly Census of Employment and Wages*. To provide the most targeted and most relevant labor market data possible, an amalgamation of three NAICS codes was created:

- 621: Ambulatory Health Care Services
- 622: Hospitals
- 623: Nursing and Residential Care Facilities

It should be noted that labor market analyses often use NAICS 62: Health Care and Social Assistance as the industry definition. This document excludes the subset NAICS 624: Social Assistance, one of the four subsectors that make up the larger Health Care and Social Assistance industry.

The Incumbent Workforce

Employers in the Health Care industry employ approximately 4,200 workers in Pinal County. Medical/Surgical Hospitals is the largest component of the industry with 955 jobs in the region's three hospitals. Offices of Physicians (608 jobs) and Nursing Care Facilities (383) are also top employers.

The Emerging Workforce

The education and workforce development systems are key to the success of this industry, and this document seeks to quantify the levels of talent emerging from relevant postsecondary programs of study, as well as other non-college training and development programs and targeted efforts of the business community that are contributing to the success of the health care sector in Pinal County.

Infrastructure and Supply Chain

Finally, the document looks at the distribution of the industry across the region and the proximity of businesses that are typically found in the supply chains of businesses within this sector.

It is hoped that this report will provide clear and practical perspective on the resources, partners and infrastructure that could support a regional employer from the Health Care sector.

The Employers

Employment by Industry

More than 4,000 people are employed at one of Pinal County's 244 health care establishments.

Table 1: Employment by Health Care Industry, Pinal County

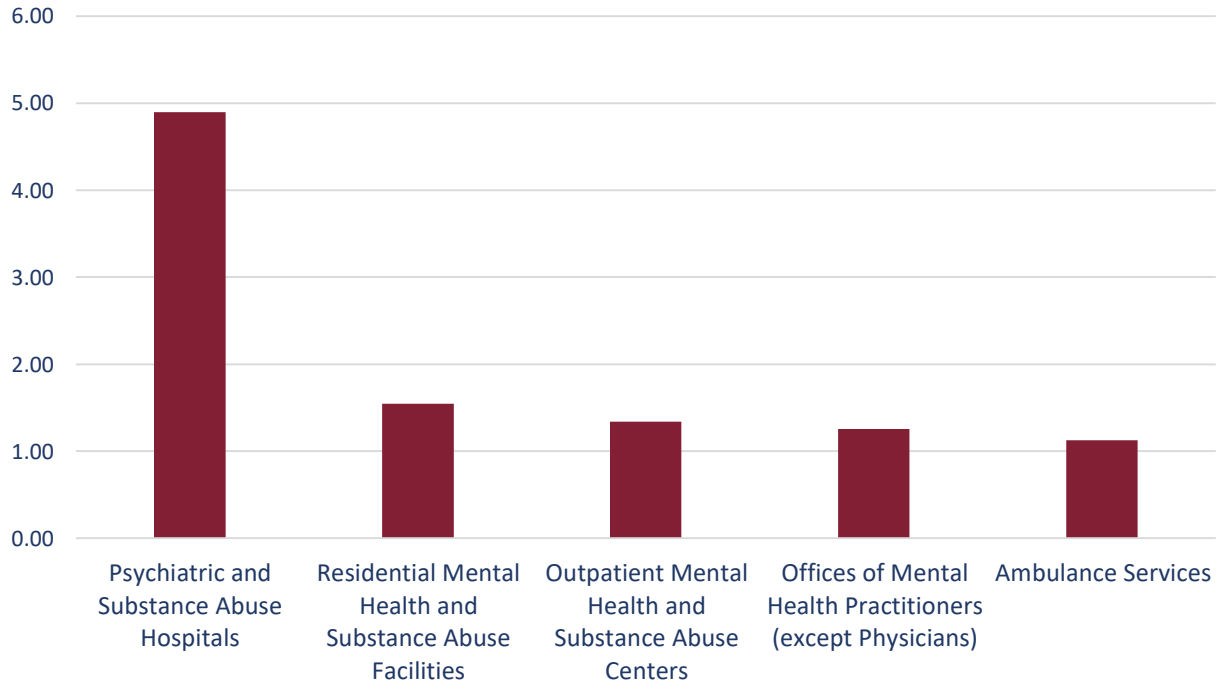
Description	2020 Establishments	2020 Jobs	Average Wages
General Medical and Surgical Hospitals	3	941	\$66,379
Offices of Physicians	61	651	\$67,438
Offices of Other Health Practitioners	65	435	\$40,599
Offices of Dentists	44	406	\$47,870
Nursing Care Facilities (Skilled Nursing Facilities)	6	401	\$38,414
Psychiatric and Substance Abuse Hospitals	1	286	\$55,332
Outpatient Care Centers	15	252	\$54,266
Residential Developmental Disability, Mental Health, Substance Abuse Facilities	11	248	\$35,940
Home Health Care Services	10	218	\$44,401
Continuing Care Retirement Communities/Assisted Living Facilities for Elderly	13	189	\$27,806
Other Ambulatory Health Care Services	4	108	\$66,467
Medical and Diagnostic Laboratories	4	40	\$57,651
Specialty (except Psychiatric and Substance Abuse) Hospitals	1	25	\$44,591
Other Residential Care Facilities	6	11	\$22,883
Total	244	4,211	\$52,970

Economic Modelling Specialists International

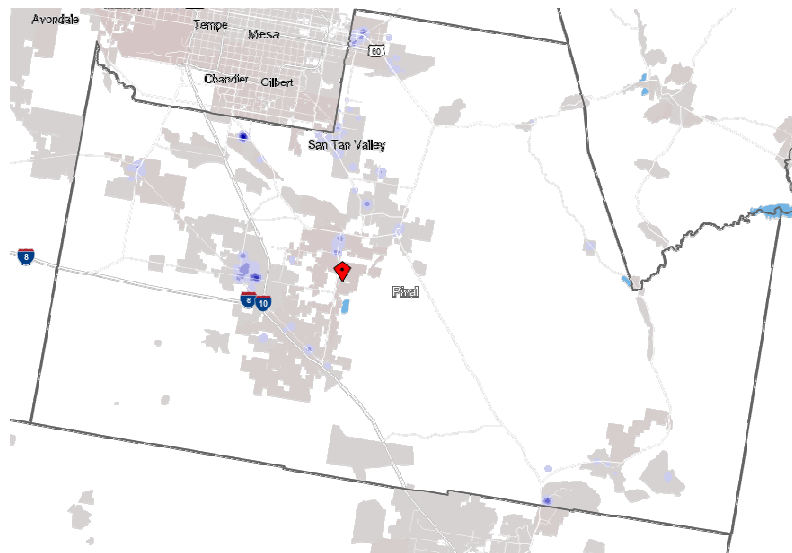
One method by which the scope of an industry is evaluated is an employment location quotient. This is a scaled value that measures the rate at which the population is employed in a certain industry to the national average. If the rate at which the population of the region works in the target industry is exactly equal to the national average, the location quotient would be 1.0. If it were double the national rate, it would be 2.0.

In Pinal County, a few industries from within the health care sector are unusually concentrated, employing significantly more than would be expected in a community of this size.

Industries by Location Quotient, Top Five, Pinal County



Employers in the health care sector are spread across the county, although concentrations can be found in the city of Casa Grande, as well as Coolidge, Florence and San Tan Valley.



Employment by Occupation

Table 2: Select Healthcare and Healthcare Support Occupations, by Employment, Pinal County

Occupation	Median Wages	Jobs
Healthcare Practitioners and Technical Occupations	\$66,965	3,694
Registered Nurses	\$72,348	1,240
Pharmacy Technicians	\$31,344	211
Pharmacists	\$114,814	204
Psychiatric Technicians	\$33,226	180
Licensed Practical and Licensed Vocational Nurses	\$51,051	178
Physicians, All Other; and Ophthalmologists, Except Pediatric	\$187,172	144
Clinical Laboratory Technologists and Technicians	\$40,651	129
Medical Dosimetrists, Records Specialists, Health Technologists/Technicians, Other	\$38,404	119
Speech-Language Pathologists	\$69,732	90
Emergency Medical Technicians and Paramedics	\$32,730	81
Physical Therapists	\$83,478	74
Respiratory Therapists	\$54,018	69
Healthcare Support Occupations	\$27,069	2,324
Home Health and Personal Care Aides	\$24,690	1,233
Nursing Assistants	\$30,021	315
Medical Assistants	\$31,082	224
Dental Assistants	\$39,596	155
Massage Therapists	\$35,926	96
Healthcare Support Workers, All Other	\$39,566	52

Arizona Office of Economic Opportunity

Employers who have posted large numbers of openings for these jobs in recent years include:

- Banner Health
- Gila River Health Care Corporation
- Soliant Health
- Procure Therapy
- Corecivic
- Barton and Associates
- United States Department of
- CompHealth
- Corizon Health

The Supply Chain

Physical proximity to the supply chain on which a business relies is more important in some industries than others. For example, manufacturers often incur high costs when raw materials must be transported across significant distances. This may not be as important a factor in the health care sector, but the industries which most often support a business in the health care sector can definitely be found in abundance in Pinal County.

Table 3: In-Region Purchases, Health Care Supply Chain, Pinal County

Description	In-Region Purchases	Establishments	Location Quotient
Lessors of Real Estate	\$6,177,257	49	1.1
Activities Related to Real Estate	\$5,065,210	27	0.4
Offices of Real Estate Agents and Brokers	\$4,905,610	74	1.0
Employment Services	\$3,010,655	25	0.5
Agencies, Brokerages, Other Insurance Related Activities	\$2,488,529	62	0.3
Restaurants and Other Eating Places	\$2,346,445	222	1.1
Office Administrative Services	\$2,117,003	15	0.3
Management, Scientific, Technical Consulting Services	\$1,970,054	51	0.2
Special Food Services	\$1,629,662	37	1.1
Other	\$23,924,097	N/A	N/A
Total	\$54,634,520		

Economic Modelling Specialists International

The Talent Pipeline

Overview

The talent development ecosystem in Pinal County provides a steady pipeline of trained workers for the highest-demand occupations in the health care sector. The educational system includes a robust suite of Career and Technical Education (CTE) programs delivered by the Central Arizona Valley Institute of Technology (CAVIT) at the secondary level. A number of community colleges contribute to the region's talent pipeline with programs ranging from Allied Health to Medical Records Technology.

ARIZONA@WORK Pinal County provides career services and training programs to eligible jobseekers via training partners in the community.

Postsecondary Education

Thirteen institutions of higher learning are in the proximity of Pinal County, and seven of them offer Allied Health programs.

Table 4: Awards, Allied Health Programs, by Institution, 2019

Institution	All Programs		Allied Health Programs	
	Certificates Below a Bachelor's Degree	Associate's Degree	Certificates Below a Bachelor's Degree	Associate's Degree
Central Arizona College	834	600	37	94
Arizona College-Mesa	221	9	0	9
Chandler-Gilbert Community College	1,573	1,386	95	85
Mesa Community College	2,224	2,209	276	254
Pima Community College	3,005	2,257	530	432
South Mountain Community College	467	530	8	0
Eastern Arizona College	1,166	599	253	61

*National Center for Education Statistics
Integrated Postsecondary Educational Data System*

ARIZONA@WORK

Arizona's Eligible Training Provider List identifies three providers who offer programs related to the health care sector and who are approved for funding under the Workforce Innovation and Opportunity Act:

- Central Arizona Valley Institute of Technology
- Central Arizona College
- Eastern Arizona College-Gila Pueblo Campus

Table 5: Health Care Program Completions, Eastern Arizona College, 2019

Program	Certificates Below a Bachelor's Degree	Associate's Degree	Total
Phlebotomy Technician/Phlebotomist	69	0	69
Registered Nursing/Registered Nurse	0	54	54
Licensed Practical/Vocational Nurse Training	53	0	53
Nursing Assistant/Aide and Patient Care Assistant/Aide	52	0	52
Medical/Clinical Assistant	34	0	34
Dental Assisting/Assistant	12	0	12
Physical Therapy Technician/Assistant	10	0	10
Health Aide	10	0	10
Medical Insurance Coding Specialist/Coder	6	0	6
Clinical/Medical Laboratory Assistant	5	0	5
Pre-Medicine/Pre-Medical Studies	0	3	3
Emergency Medical Technology/Technician (EMT Paramedic)	2	0	2
Pre-Pharmacy Studies	0	2	2
Pre-Physical Therapy Studies	0	2	2

*National Center for Education Statistics
Integrated Postsecondary Educational Data System*

Table 6: Health Care Program Completions, Central Arizona College, 2019

Program	Award Level	Awards
Registered Nursing/Registered Nurse	Associate's Degree	34
Health Information/Medical Records Administration/Administrator	Associate's Degree	18
Medical Administrative/Executive Assistant and Medical Secretary	Associate's Degree	14
Medical Insurance Coding Specialist/Coder	Award of at least 1 but less than 2 academic years	8
Medical/Clinical Assistant	Award of at least 1 but less than 2 academic years	1
Pharmacy Technician/Assistant	Award of at least 1 but less than 2 academic years	3
Emergency Medical Technology/Technician (EMT Paramedic)	Associate's Degree	4
Emergency Medical Technology/Technician (EMT Paramedic)	Award of less than 1 academic year	2

The Central Arizona Valley Institute of Technology

CAVIT is a part of a network of 14 Career Technical Education Districts (CTEDs) across the state. High school students in the 11th and 12th grades may attend CAVIT central campus programs and receive high school and dual enrollment credits while enrolled in CAVIT classes. Career technology education prepares students to enter the workforce immediately after graduation or to pursue further education at a community college or university.¹ Eight health care programs are offered:

- Behavioral Health
- Dental Assistant
- Home Health
- Medical Assistant
- Nursing Assistant
- Patient Care
- Pharmacy Science
- Physical Therapy

In addition to classroom learning, CAVIT offers real-world learning opportunities to prepare their students for the world of work.

HOSA is a national student organization endorsed by the U.S. Department of Education and the Health Science Technology Education Division of ACTE. HOSA's two-fold mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people.

¹ https://www.cavitschools.com/About_Us

CAVIT's student-run dental clinic offers simple services to community members regardless of insurance coverage. Students assist the program's dentist and gain real-world experience in the application of their technical skills.

- Teeth screenings
- Simple tooth extractions
- X-rays
- Routine filling
- Simple cleaning
- Teeth whitening

CAVIT has also created student-run wellness clinics that offer free basic healthcare screening to community members. Students in the medical assistant program provide wellness services that enhance the health and well-being of residents. Students provide free basic health screening services that include checking blood pressure, measuring height and weight, glucose checks, and cholesterol and blood analysis testing.

Appendix One: Licensed Health Care Facilities, Pinal County, 2020

Type	Legalname	City	Capacity
Ambulatory Surgical Center	Central Arizona Surgery Center, LLC	Casa Grande	N/A
Ambulatory Surgical Center	South Valley Surgical Center	San Tan Valley	N/A
Ambulatory Surgical Center	Southwestern Eye Center	Casa Grande	N/A
Ambulatory Surgical Center	Tomar Pain Centers, PLLC	Casa Grande	N/A
Behavioral Health Inpatient Facility	Axiom Care	Apache Junction	40
Behavioral Health Inpatient Facility	Casa Grande Academy	Casa Grande	32
Behavioral Health Inpatient Facility	Casa Grande Inpatient	Casa Grande	16
Behavioral Health Inpatient Facility	River Source Treatment Center	Arizona City	64
Behavioral Health Facility	A Place Like Home, Inc	Maricopa	6
Behavioral Health Facility	Align Group Home LLC	San Tan Valley	10
Behavioral Health Facility	Angel Family Care, LLC	San Tan Valley	9
Behavioral Health Facility	Arizona Alternative Support, LLC	Maricopa	5
Behavioral Health Facility	Arizona Mentor - Arizona City	Arizona City	7
Behavioral Health Facility	Arizona Mentor - Melissa	Casa Grande	5
Behavioral Health Facility	Arizona Mentor - Ocotillo	Apache Junction	5
Behavioral Health Facility	Arizona Mentor - Racine	Casa Grande	5
Behavioral Health Facility	Better Horizons Fever Tree	Queen Creek	10
Behavioral Health Facility	Comfort Care Celtic Home, LLC	Maricopa	6
Behavioral Health Facility	Dignity Behavioral Health, LLC	Maricopa	10
Behavioral Health Facility	Good Hope Resources Inc	San Tan Valley	6
Behavioral Health Facility	Good Hope Resources, Inc.	San Tan Valley	5
Behavioral Health Facility	Good Samaritan Residential LLC	Maricopa	6
Behavioral Health Facility	Hallmark Behavioral Health at Lago LLC	Apache Junction	10
Behavioral Health Facility	Hand Up Guiding Services, LLC	Apache Junction	5
Behavioral Health Facility	Horizon Group Homes LLC	Casa Grande	5
Behavioral Health Facility	Horizon Health and Wellness, Inc.	Casa Grande	9
Behavioral Health Facility	Horizon Health and Wellness, Inc.	Casa Grande	10
Behavioral Health Facility	House of Hope Behavioral Health Agency Level 3	Casa Grande	8
Behavioral Health Facility	House of Hope Eloy	Eloy	6
Behavioral Health Facility	House of Joy	Maricopa	6
Behavioral Health Facility	Joechris Home, L L C	Maricopa	5
Behavioral Health Facility	Kaleidoscope, LLC	San Tan Valley	6
Behavioral Health Facility	Kewala Corporation	Florence	5
Behavioral Health Facility	Kewala Corporation	Casa Grande	6
Behavioral Health Facility	Konadu Family	Maricopa	6
Behavioral Health Facility	Living Waters Behavioral Services	San Tan Valley	10
Behavioral Health Facility	Luminaria, L L C	Eloy	10
Behavioral Health Facility	Luminaria, LLC	Eloy	6
Behavioral Health Facility	New Destiny Health	Queen Creek	9
Behavioral Health Facility	New Hope Behavioral Residency	San Tan Valley	8

Type	Legalname	City	Capacity
Behavioral Health Facility	Noble Homes	San Tan Valley	10
Behavioral Health Facility	Pendo Behavioral Care Homes	Maricopa	6
Behavioral Health Facility	Rams Roof Inc	Casa Grande	4
Behavioral Health Facility	Recovery in Progress LLC	Maricopa	9
Behavioral Health Facility	Recovery in Progress, LLC	Maricopa	6
Behavioral Health Facility	Rehoboth Residential Facility	Maricopa	5
Behavioral Health Facility	Rehoboth Residential Facility 2	Maricopa	10
Behavioral Health Facility	Sananga Care Homes LLC	Maricopa	6
Behavioral Health Facility	Shalom Behavioral Care LLC	San Tan Valley	5
Behavioral Health Facility	Shalom Behavioral Care, LLC	Florence	7
Behavioral Health Facility	Springs of Hope Behavioral Home	San Tan Valley	5
Behavioral Health Facility	Star House Bhrf, LLC	Maricopa	5
Behavioral Health Facility	Strong House of Healing	Maricopa	4
Behavioral Health Facility	Toole Transition Point - 2	Tucson	28
Behavioral Health Facility	Touch Angels Behavioral Health	San Tan Valley	10
Behavioral Health Facility	Casa De Francis, LLC	Casa Grande	6
Behavioral Health Facility	Copa's Caring Hands	Maricopa	6
Behavioral Health Facility	Day Starz Group Home, Inc.	Maricopa	10
Behavioral Health Facility	Desert Angels Behavioral Health	Maricopa	3
Behavioral Health Facility	Desert Angels Behavioral Health	Maricopa	10
Behavioral Health Facility	Four Directions	Maricopa	6
Behavioral Health Facility	Four Directions	Maricopa	6
Behavioral Health Facility	Four Directions Amalfi House	Maricopa	6
Behavioral Health Facility	Life Change Family Services Inc.	Maricopa	5
Behavioral Health Facility	N Youth Development Services LLC	San Tan Valley	5
Behavioral Health Facility	Rehoboth LLC - Agape Home	Maricopa	8
Behavioral Health Facility	Rey Ash Residential Facility LLC	San Tan Valley	6
Behavioral Health Facility	Second Chance Behavioral Health	Casa Grande	5
Behavioral Health Facility	Zarephath Apache House	Apache Junction	10
Behavioral Health Facility	Zarephath Chaparral House	Apache Junction	10
Behavioral Health Facility	Zarephath, Inc.	Apache Junction	10
Hospital	Gila River Health Care Corporation	Sacaton	
Hospital	Banner Casa Grande Medical Center	Casa Grande	141
Hospital	Banner Goldfield Medical Center	Apache Junction	20
Hospital	Banner Ironwood Medical Center	Queen Creek	53
Hospital	Florence Hospital	Florence	36

Arizona Department of Health Services
Provider Database