University of Arizona Cooperative Extension Secondary Data Profile
Pinal County

Demographics

Total population
Pinal County

425,264

Data Source: U.S. Census Bureau. (2021). 2020 Decennial Census, Redistricting Data PL 94-171, Table P2. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.
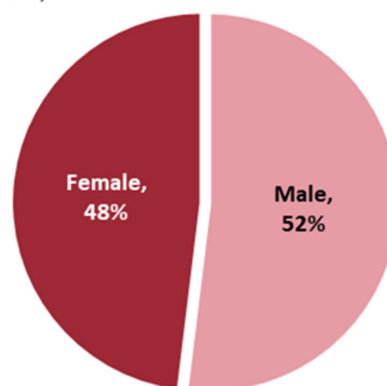
Households considered limited English speaking
Pinal County

2%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table C16002. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Sex
Pinal County

Female, 48%
Male, 52%

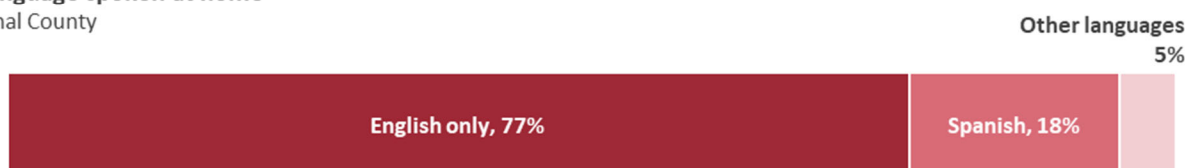*Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S101. Retrieved from https://data.census.gov/ on 1 Sept 2022. Note: The ACS only asks about sex, not gender identity. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.*

Language spoken at home
Pinal County

Other languages 5%

English only, 77%   Spanish, 18%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table C16002. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Citizenship status
Pinal County

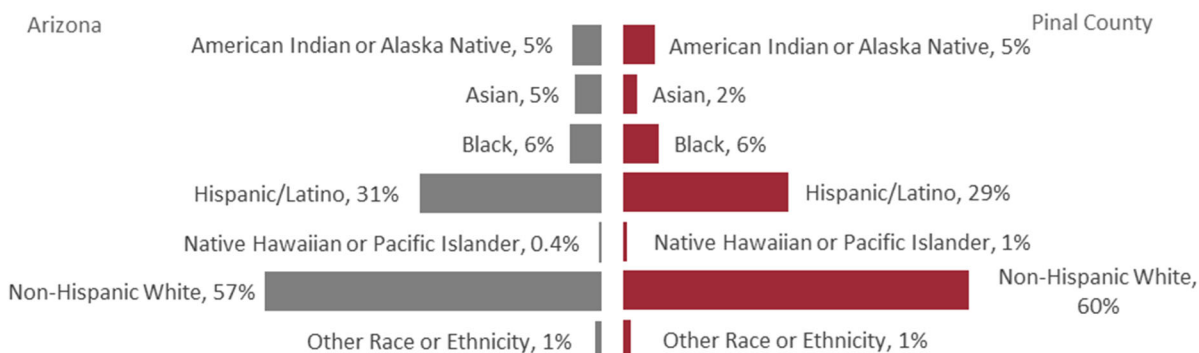Foreign-born citizen 4%

Native-born citizen, 91%

Foreign-born non-citizen, 5%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table B05001. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Race and ethnicity

Arizona   Pinal County

American Indian or Alaska Native, 5%   American Indian or Alaska Native, 5%

Asian, 5%   Asian, 2%

Black, 6%   Black, 6%

Hispanic/Latino, 31%   Hispanic/Latino, 29%

Native Hawaiian or Pacific Islander, 0.4%   Native Hawaiian or Pacific Islander, 1%

Non-Hispanic White, 57%   Non-Hispanic White, 60%

Other Race or Ethnicity, 1%   Other Race or Ethnicity, 1%

Data Source: U.S. Census Bureau. (2021). 2020 Decennial Census, Redistricting Data PL 94-171, Table P2. Retrieved from https://data.census.gov/ on 1 Sept 2022. Note: Percentages may add up to more than 100% because this figure includes inclusive race/ethnicity categories. Each race/ethnicity category includes individuals who identified with that race alone or in combination with other races/ethnicities. The one exception to this is Non-Hispanic White, which excludes individuals who selected 'Hispanic/Latino' from the percentage of individuals counted as White. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Age
Pinal County

Under 5	5 to 17	18 to 39	40 to 59	60 to 79	80 and older
6%	17%	28%	23%	23%	4%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S101. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.
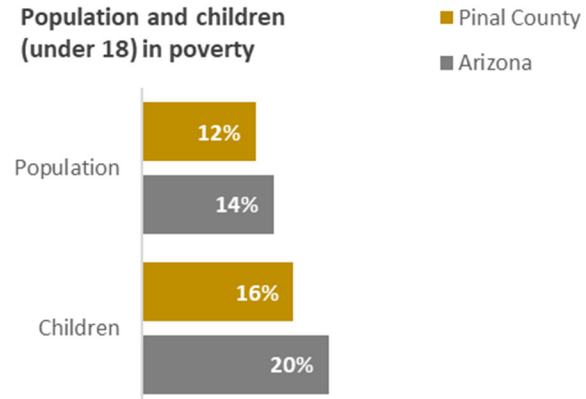
2

Economics

Median family income
Pinal County

$69,494

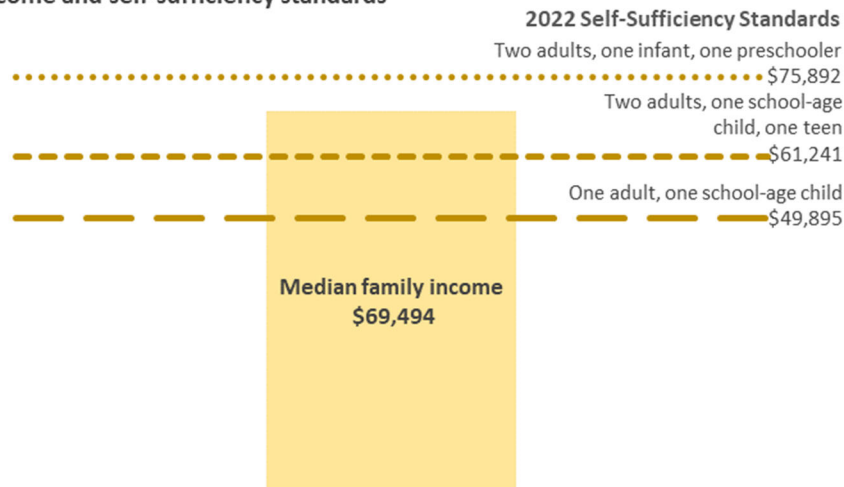*Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S1901. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.*

Population and children (under 18) in poverty

■ Pinal County
■ Arizona

Population
- Pinal County: 12%
- Arizona: 14%

Children
- Pinal County: 16%
- Arizona: 20%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table B17024. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

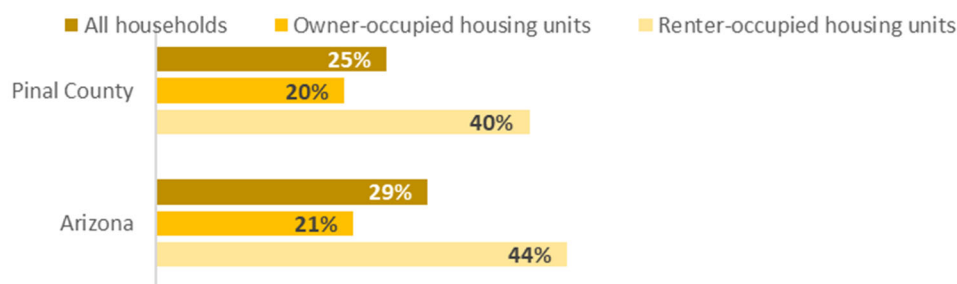**Median family income and self-sufficiency standards**
Pinal County

2022 Self-Sufficiency Standards

Two adults, one infant, one preschooler $75,892

Two adults, one school-age child, one teen $61,241

One adult, one school-age child $49,895

Median family income $69,494

Data Sources: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S1901. Retrieved from https://data.census.gov/ on 1 Sept 2022; Women's Foundation For the State of Arizona (2022). [The Arizona 2022 Self-Sufficiency Standard]. Retrieved from https://womengiving.org/research/ on 14 November 2022. Note: The "self-sufficiency standard" attempts to estimate how much families need to earn to fully support themselves, accounting for differences in costs of housing, transportation, child care and other budget items across places. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Households considered 'housing-cost burdened' - housing costs 30 percent or more of household income

■ All households ■ Owner-occupied housing units ■ Renter-occupied housing units

Pinal County
- All households: 25%
- Owner-occupied housing units: 20%
- Renter-occupied housing units: 40%

Arizona
- All households: 29%
- Owner-occupied housing units: 21%
- Renter-occupied housing units: 44%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table B25106. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Unemployment rates

━●━ Pinal County
━●━ Arizona

	2017	2018	2019	2020	2021
Pinal County	5%	5%	5%	7%	5%
Arizona	5%	5%	5%	8%	5%
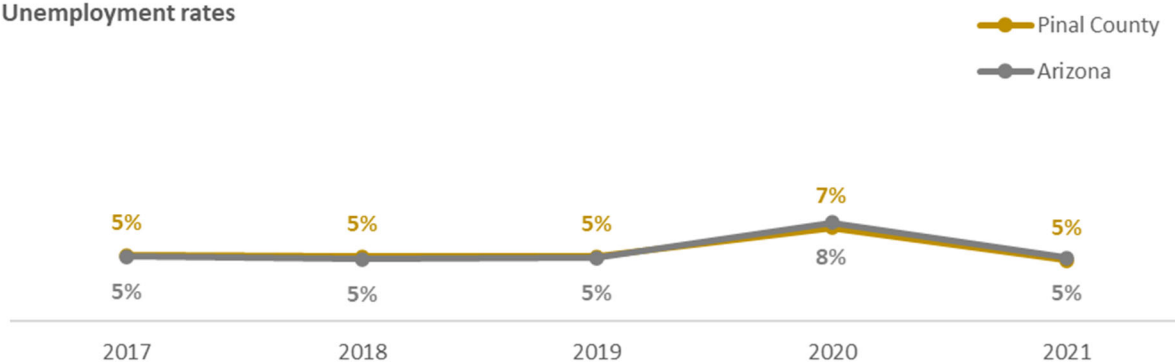
Data Source: Arizona Commerce Authority (2022). [Local Area Unemployment Statistics]. Retrieved from https://www.azcommerce.com/oeo/labor-market/unemployment/ on 19 October 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Top industries in Pinal County (2022)

1. Retail Trade
2. Accomodation and Food Service
3. Public Administration
4. Manufacturing
5. Health Care and Social Assistance

Data Source: Arizona Office of Economic Opportunity (2022). [Quarterly Employment Analysis]. Retrieved from https://www.azcommerce.com/oeo/labor-market/industry-employment/ on 1 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

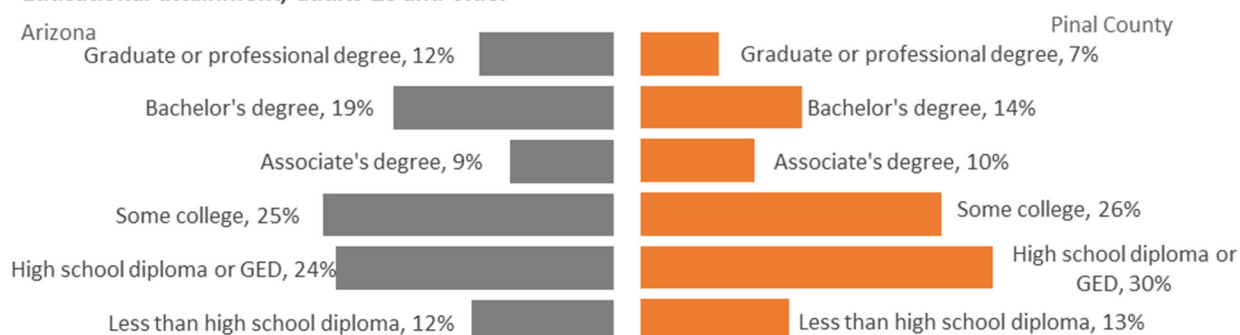**Top employers in Pinal County (2017-2020)**

1. Pinal County
2. State of Arizona
3. Corecivic
4. Walmart
5. Casa Grande Union High School District No 82

Data Source: Maricopa Association of Governments. [Arizona Employer Map]. Retrieved from https://geo.azmag.gov/maps/azemployer/ on 1 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Education

Educational attainment, adults 25 and older

Arizona / Pinal County

Arizona		Pinal County
Graduate or professional degree, 12%		Graduate or professional degree, 7%
Bachelor's degree, 19%		Bachelor's degree, 14%
Associate's degree, 9%		Associate's degree, 10%
Some college, 25%		Some college, 26%
High school diploma or GED, 24%		High school diploma or GED, 30%
Less than high school diploma, 12%		Less than high school diploma, 13%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S1501. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Graduation rates
Pinal County
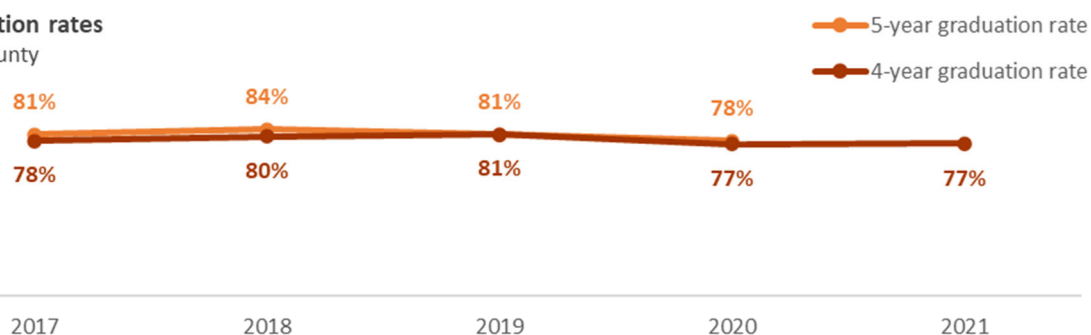
— 5-year graduation rate
— 4-year graduation rate

	2017	2018	2019	2020	2021
5-year graduation rate	81%	84%	81%	78%	
4-year graduation rate	78%	80%	81%	77%	77%

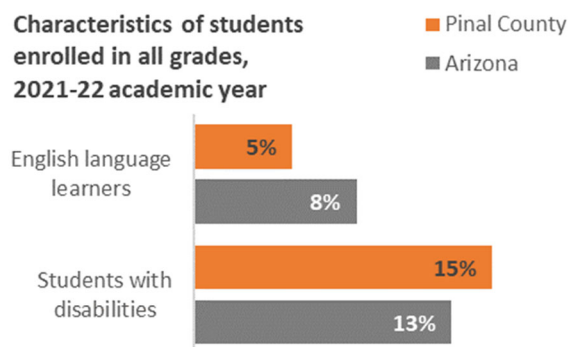*Data Source: Arizona Department of Education (2021). [Four Year and Five Year Graduation Rates]. Retrieved from https://www.azed.gov/accountability-research/data on 14 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.*

Characteristics of students enrolled in all grades, 2021-22 academic year

■ Pinal County
■ Arizona

	Pinal County	Arizona
English language learners	5%	8%
Students with disabilities	15%	13%

Data Source: Arizona Department of Education (2021). [Four Year and Five Year Graduation Rates]. Retrieved from https://www.azed.gov/accountability-research/data on 14 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Percent of youth (ages 16-19) not enrolled in school or in the labor force

Pinal County	Arizona
9%	6%

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 20162020, Table B14005. Retrieved from https://data.census.gov/ on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Health

Number of individuals per primary care provider, 2021
Pinal County

2,745

Data Source: Arizona Department of Health Services (2021). [Primary Care Area Statistical Profiles]. Retrieved from https://www.azdhs.gov/prevention/health-systems-development/data-reports-maps/index.php#statistical-profiles-pca on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Number of individuals per dentist, 2021
Pinal County

5,166

Data Source: Arizona Department of Health Services (2021). [Primary Care Area Statistical Profiles]. Retrieved from https://www.azdhs.gov/prevention/health-systems-development/data-reports-maps/index.php#statistical-profiles-pca on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

ADHS-licensed child care providers, November 2022
Pinal County

98

Data Source: Arizona Department of Health Services (2022). [Child care licensing dataset]. Retrieved from https://azgeo-open-data-agic.hub.arcgis.com/datasets/ADHSGIS::child-care-facility/explore on 28 Nov 2022. Note: This only captures ADHS-licensed facilities; unlicensed providers, home-based providers registered with DES, and providers licensed through military or tribal authorities are not reflected in these data. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.
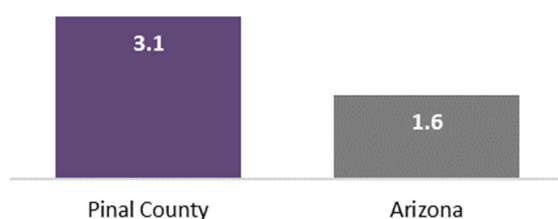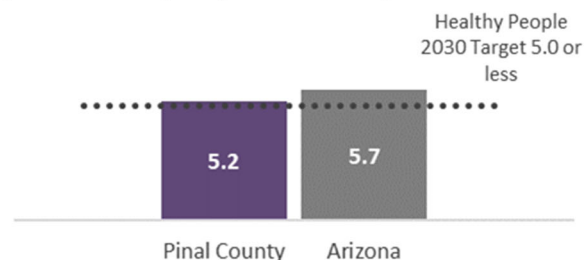
Slots in ADHS-licensed child care providers, November 2022
Pinal County

8,066

Data Source: Arizona Department of Health Services (2022). [Child care licensing dataset]. Retrieved from https://azgeo-open-data-agic.hub.arcgis.com/datasets/ADHSGIS::child-care-facility/explore on 28 Nov 2022. Note: This only captures ADHS-licensed facilities; unlicensed providers, home-based providers registered with DES, and providers licensed through military or tribal authorities are not reflected in these data. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Ratio of children birth to 4 to ADHS-licensed child care slots, November 2022

Pinal County	Arizona
3.1	1.6

Data Source: Arizona Department of Health Services (2022). [Child care licensing dataset]. Retrieved from https://azgeo-open-data-agic.hub.arcgis.com/datasets/ADHSGIS::child-care-facility/explore on 28 Nov 2022. Note: This only captures ADHS-licensed facilities; unlicensed providers, home-based providers registered with DES, and providers licensed through military or tribal authorities are not reflected in these data. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Infant mortality rate, 2011-2020 average (infant deaths per 1,000 live births)

Healthy People 2030 Target 5.0 or less

Pinal County	Arizona
5.2	5.7

Data Source: Arizona Department of Health Services (2021). [Primary Care Area Statistical Profiles]. Retrieved from https://www.azdhs.gov/prevention/health-systems-development/data-reports-maps/index.php#statistical-profiles-pca on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Overall food insecurity rate, 2020

Pinal County	Arizona
11%	11%

Data Source: Feeding America (2020). [Food Insecurity Among Overall Ages in Arizona]. Retrieved from https://map.feedingamerica.org/ on 21 November 2022. Note: The USDA defines food insecurity as a lack of consistent access to enough food for every person in a household to live an active, healthy life. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Child food insecurity rate, 2020

Pinal County	Arizona
17%	16%

Data Source: Feeding America (2020). [Food Insecurity Among Overall Ages in Arizona]. Retrieved from https://map.feedingamerica.org/ on 21 November 2022. Note: The USDA defines food insecurity as a lack of consistent access to enough food for every person in a household to live an active, healthy life. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

CDC Social Vulnerability Index, 2020

Pinal County
28.6

Least social vulnerability   Most social vulnerability

0   100
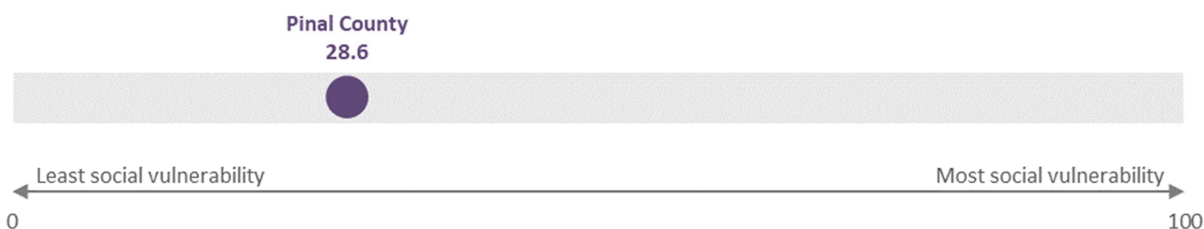
Data Source: Centers for Disease Control and Prevention/ Agency for Toxic Substances and Disease Registry/ Geospatial Research, Analysis, and Services Program. CDC/ATSDR Social Vulnerability Index 2020 Database [Arizona]. Retrieved from https://www.atsdr.cdc.gov/ placeandhealth/svi/data_documentation_download.html on 28 Nov 2022. Note: Social vulnerability, according to the CDC, refers to the potential negative effects on communities caused by external stresses on human health. Such stresses include natural or human-caused disasters, or disease outbreaks. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Agriculture

Total farms, 2017
Pinal County

762

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online _Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Total producers, 2017
Pinal County

1,375

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online_ Resources/County_Profiles/Arizona/ on 21 November 2022. Note: The term producer designates a person who is involved in making decisions for the farm operations. The producer may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Average farm size in acres, 2017
Pinal County

1,471

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online _Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.
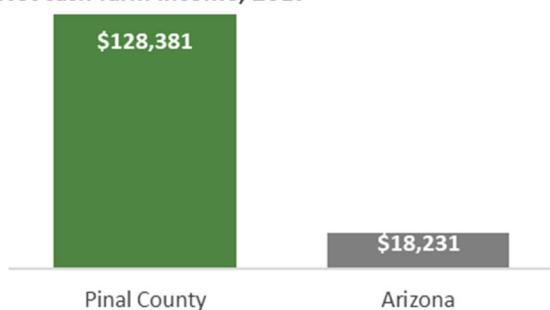
Percent family farms, 2017
Pinal County

90%

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online _Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.
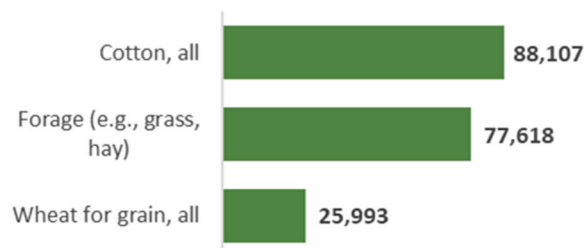
Net cash farm income, 2017

Pinal County: $128,381
Arizona: $18,231

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online _Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Top crops in acres planted, 2017
Pinal County

Cotton, all: 88,107
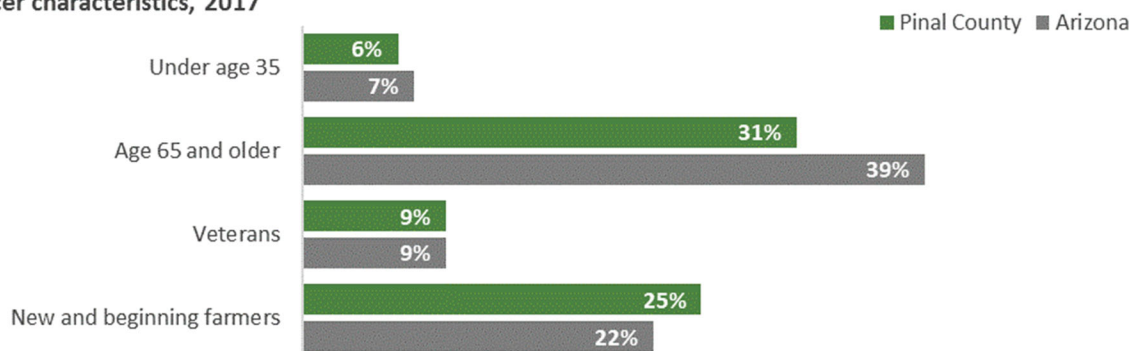Forage (e.g., grass, hay): 77,618
Wheat for grain, all: 25,993

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online _Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Producer characteristics, 2017

Legend: ■ Pinal County ■ Arizona

- Under age 35: Pinal County 6%, Arizona 7%
- Age 65 and older: Pinal County 31%, Arizona 39%
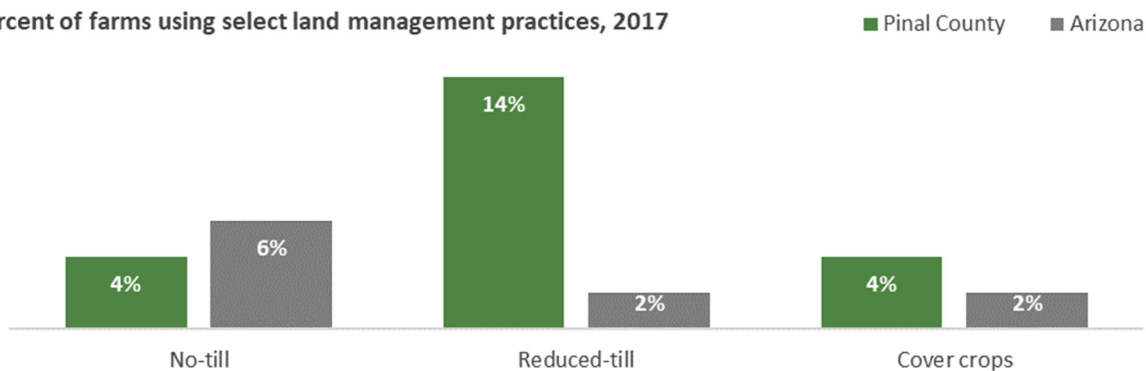- Veterans: Pinal County 9%, Arizona 9%
- New and beginning farmers: Pinal County 25%, Arizona 22%

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Percent of farms using select land management practices, 2017

Legend: ■ Pinal County ■ Arizona

- No-till: Pinal County 4%, Arizona 6%
- Reduced-till: Pinal County 14%, Arizona 2%
- Cover crops: Pinal County 4%, Arizona 2%

Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/Arizona/ on 21 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Natural Resources

Water use by sector, 2015
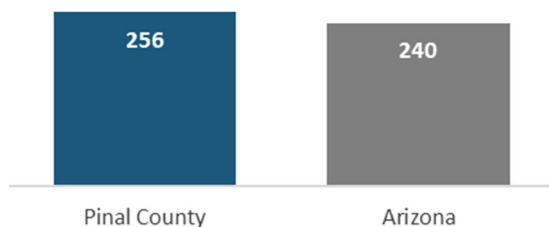Pinal County

Domestic (Public), 4%

Irrigation, 92%

Other Public Use, 2%

Livestock, 2%

Data Source: Dieter, C.A., Linsey, K.S., Caldwell, R.R., Harris, M.A., Ivahnenko, T.I., Lovelace, J.K., Maupin, M.A., and Barber, N.L., 2018, Estimated Use of Water in the United States County-Level Data for 2015 (ver. 2.0, June 2018): U.S. Geological Survey data release, https://doi.org/10.5066/F7TB15V5. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Domestic water use per capita (gallons/day), 2015

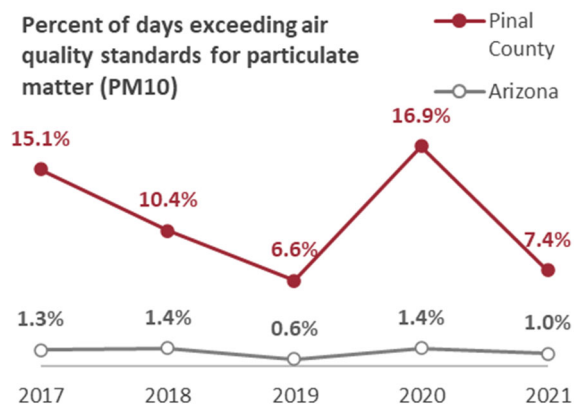| Pinal County	Arizona
256	240

Data Source: Dieter, C.A., Linsey, K.S., Caldwell, R.R., Harris, M.A., Ivahnenko, T.I., Lovelace, J.K., Maupin, M.A., and Barber, N.L., 2018, Estimated Use of Water in the United States County-Level Data for 2015 (ver. 2.0, June 2018): U.S. Geological Survey data release, https://doi.org/10.5066/F7TB15V5. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Percent of census tracts with a high-risk Environmental Justice Index score, 2022

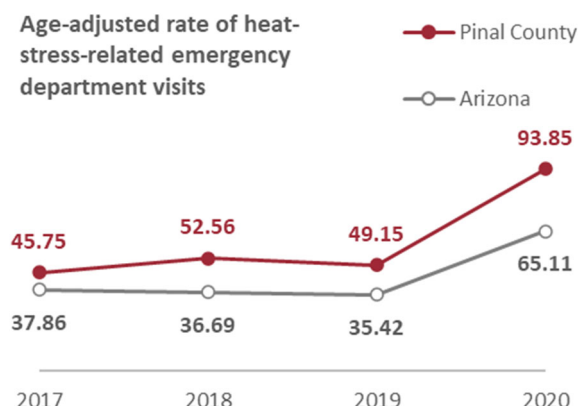| Pinal County	Arizona
43%	31%

Data Source: Centers for Disease Control and Prevention and Agency for Toxic Substances Disease Registry (2022). 2022 Environmental Justice Index. Retrieved from https://www.atsdr.cdc.gov/placeandhealth/eji/index.html on 28 Nov 2022. Note: The Environmental Justice Index is an index created by the CDC to quantify relative community risk for health impacts due to environmental conditions. Higher scores indicate more risk. We defined high-risk scores as those exceeding 0.6. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Percent of days exceeding air quality standards for particulate matter (PM10)

● Pinal County
○ Arizona

	2017	2018	2019	2020	2021
Pinal County	15.1%	10.4%	6.6%	16.9%	7.4%
Arizona	1.3%	1.4%	0.6%	1.4%	1.0%

Data Source: Arizona Department of Health Services (2021). [Environmental Health Indicators]. Retrieved from https://gis.azdhs.gov/ephtexplorer/ on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

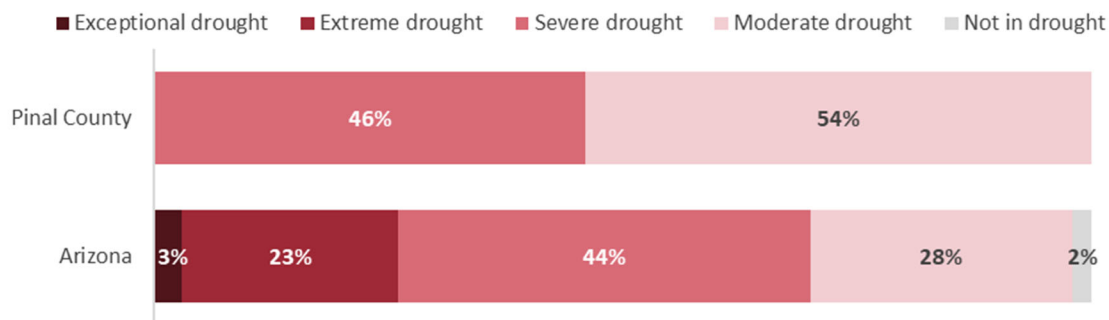**Age-adjusted rate of heat-stress-related emergency department visits**

● Pinal County
○ Arizona

	2017	2018	2019	2020
Pinal County	45.75	52.56	49.15	93.85
Arizona	37.86	36.69	35.42	65.11

Data Source: Arizona Department of Health Services (2021). [Environmental Health Indicators]. Retrieved from https://gis.azdhs.gov/ephtexplorer/ on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Pinal County

Percent of land in drought, July 2022

Legend: ■ Exceptional drought ■ Extreme drought ■ Severe drought ■ Moderate drought ■ Not in drought

|		
Pinal County	Severe drought 46%	Moderate drought 54%
Arizona	Exceptional 3% / Extreme 23% / Severe 44%	Moderate 28% / Not in drought 2%

Data Source: National Integrated Drought Information System (2022). [U.S Drought Monitor]. Retrieved from https://www.drought.gov/states/Arizona on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Percent of populated areas exposed to wildfire, 2022
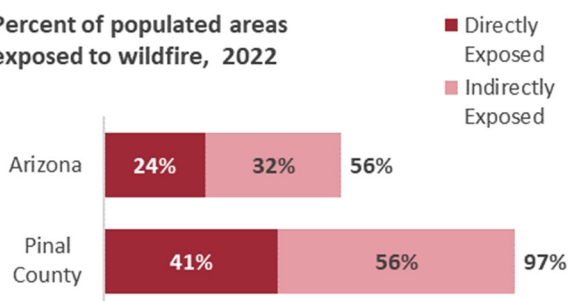
Legend: ■ Directly Exposed ■ Indirectly Exposed

Arizona	24%	32%	56%
Pinal County	41%	56%	97%

Data Source: United States Department of Agriculture, Forest Service (2022). [Wildfire risk to communities dataset]. Retrieved from https://wildfirerisk.org/ on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

Wildfires larger than 100 acres, 2014-2018
Pinal County

6

Data Source: Dieter, C.A., Linsey, K.S., Caldwell, R.R., Harris, M.A., Ivahnenko, T.I., Lovelace, J.K., Maupin, M.A., and Barber, N.L., 2018, Estimated Use of Water in the United States County-Level Data for 2015 (ver. 2.0, June 2018): U.S. Geological Survey data release, https://doi.org/10.5066/F7TB15V5. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

National wildfire risk percentile, 2020
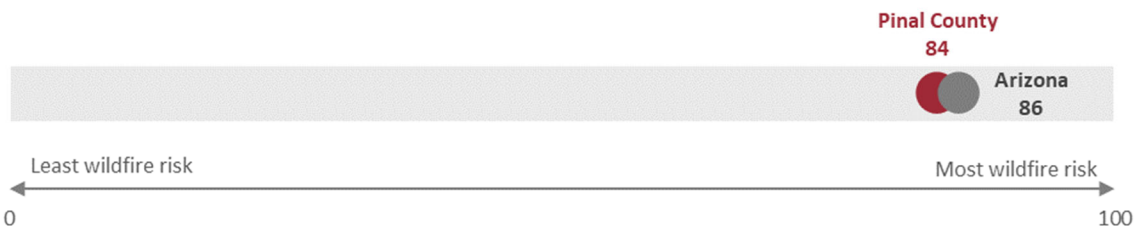
Pinal County 84 · **Arizona 86**

Least wildfire risk ←——————————→ Most wildfire risk

0 — 100

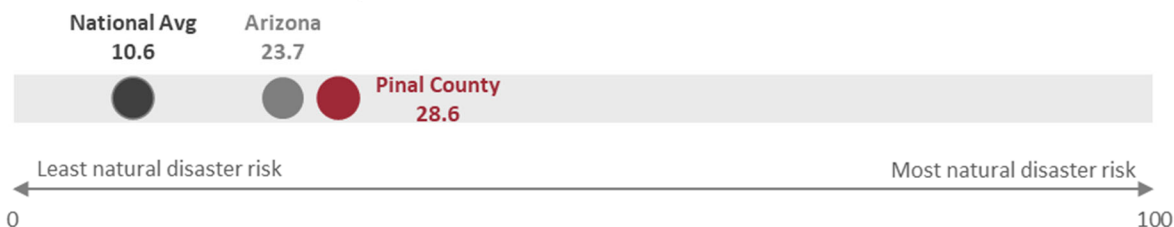*Data Source: United States Department of Agriculture, Forest Service (2022). [Wildfire risk to communities dataset]. Retrieved from https://wildfirerisk.org/ on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.*

Pinal County

FEMA National Risk Index score, 2021

National Avg 10.6 **Arizona** 23.7 **Pinal County** 28.6

Least natural disaster risk — Most natural disaster risk

0 — 100

Data Source: Federal Emergency Management Agency (FEMA) (n.d.). [National Risk Index]. Retrieved from https://hazards.fema.gov/nri/map on 28 November 2022. Note: The National Risk Index identifies communities most at risk based on 18 natural hazards, expected annual losses from natural hazards, social vulnerability, and community resilience. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

## FEMA Expected Annual Loss score, 2021

Arizona 20.6 **National Avg** 13.3 **Pinal County** 33.5

Least expected loss — Most expected loss

0 — 100
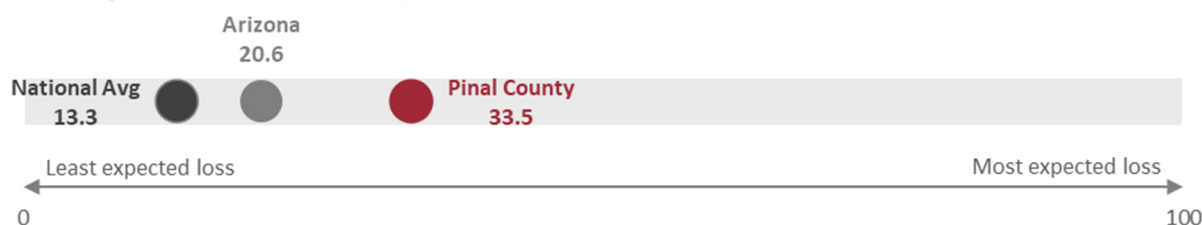
Data Source: Federal Emergency Management Agency (FEMA) (n.d.). [Expected Annual Loss]. Retrieved from https://hazards.fema.gov/nri/map on 28 November 2022. Note: Expected annual loss measures the expected loss of building value, population, and agricultural value each year due to natural hazards. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

FEMA Social Vulnerability score, 2021
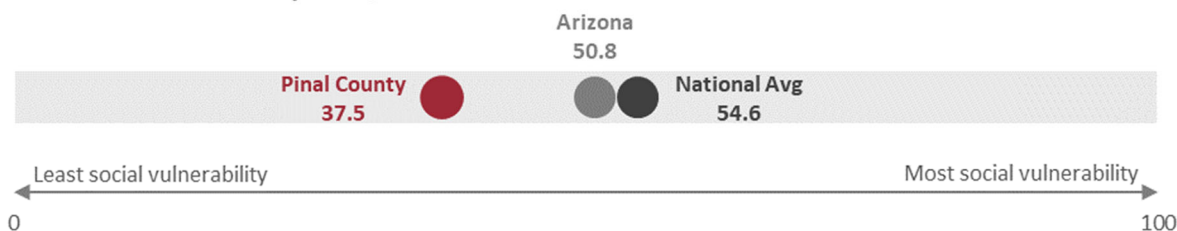
Arizona 50.8 **Pinal County** 37.5 **National Avg** 54.6

Least social vulnerability — Most social vulnerability

0 — 100

Data Source: Federal Emergency Management Agency (FEMA) (n.d.). [Community Resilience]. Retrieved from https://hazards.fema.gov/nri/map on 28 November 2022. Note: Social vulnerability measures the susceptibility of social groups to the adverse impacts of natural hazards. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

FEMA Community Resilience score, 2021
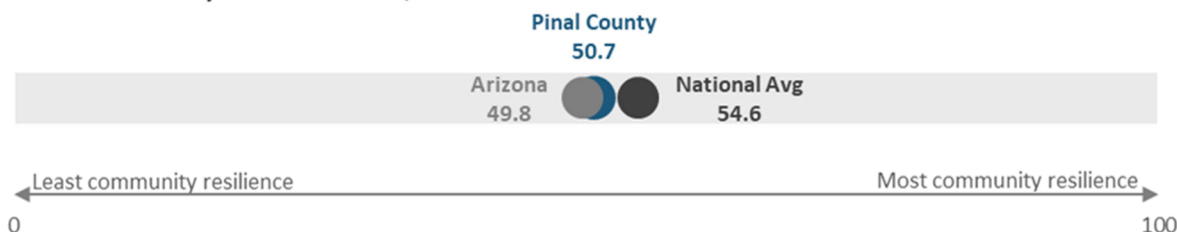
Pinal County 50.7 **Arizona** 49.8 **National Avg** 54.6

Least community resilience — Most community resilience

0 — 100

Data Source: Federal Emergency Management Agency (FEMA) (n.d.). [Community Resilience]. Retrieved from https://hazards.fema.gov/nri/map on 28 November 2022. Note: Community resilience measures the ability of a community to prepare and plan for, absorb, recover from, and more successfully adapt to the impacts of natural hazards. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.