

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### Demographics

#### Total population

Navajo County

**106,717**

Data Source: U.S. Census Bureau. (2021). 2020 Decennial Census, Redistricting Data PL 94-171, Table P2. Retrieved from <https://data.census.gov/ond1Sept2022>. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

#### Households considered limited English speaking

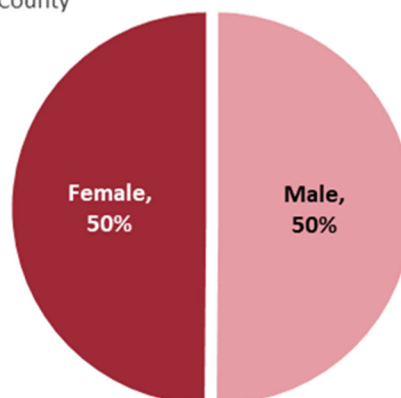
Navajo County

**5%**

Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table C16002. Retrieved from <https://data.census.gov/ond1Sept2022>. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

#### Sex

Navajo County



Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S101. Retrieved from <https://data.census.gov/ond1Sept2022>. Note: The ACS only asks about sex, not gender identity. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

#### Language spoken at home

Navajo County



Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table C16002. Retrieved from <https://data.census.gov/ond1Sept2022>. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

#### Citizenship status

Navajo County

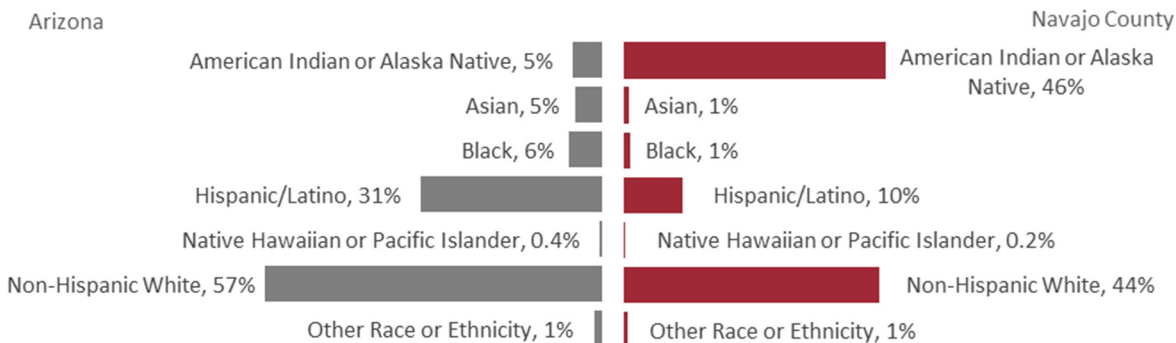


Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table B05001. Retrieved from <https://data.census.gov/ond1Sept2022>. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### Race and ethnicity



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

Navajo County



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.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### Economics

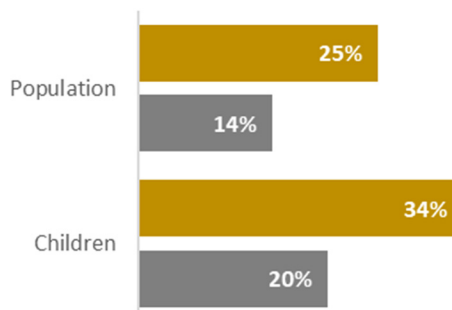
#### Median family income Navajo County

**\$50,254**

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

■ Navajo County  
■ Arizona

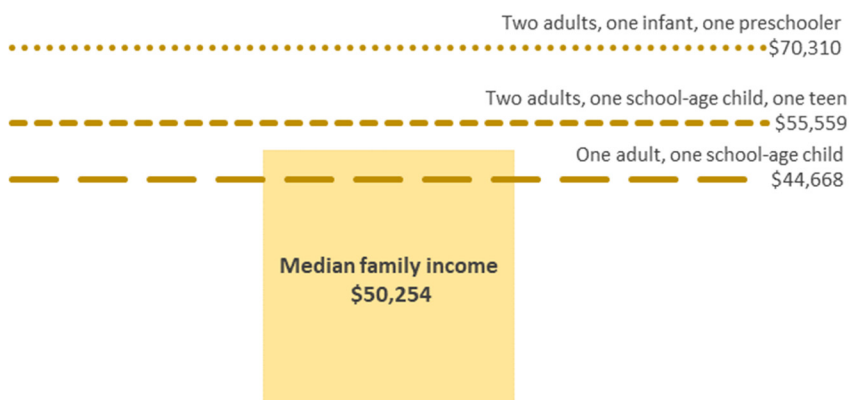


Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table B17024. Retrieved from <https://data.census.gov/> on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

#### Median family income and self-sufficiency standards

Navajo County

#### 2022 Self-Sufficiency Standards

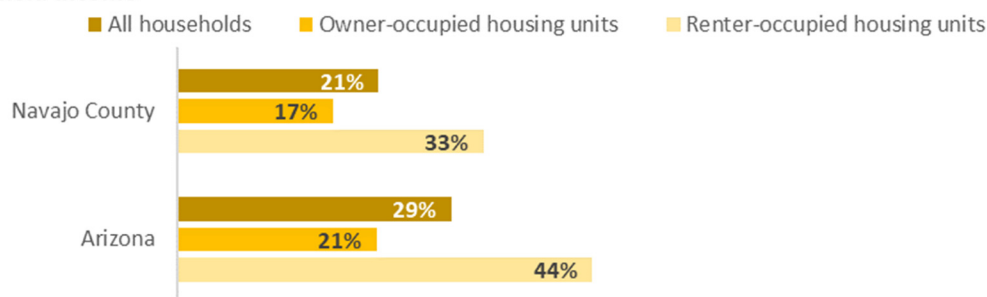


Data Sources: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S1901. Retrieved from <https://data.census.gov/> on 1 Sept 2022; Women's Foundation For the State of Arizona (2022). [The Arizona 2022 Self-Sufficiency Standard]. Retrieved from <https://womensgiving.org/research/> 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.

# University of Arizona Cooperative Extension Secondary Data Profile

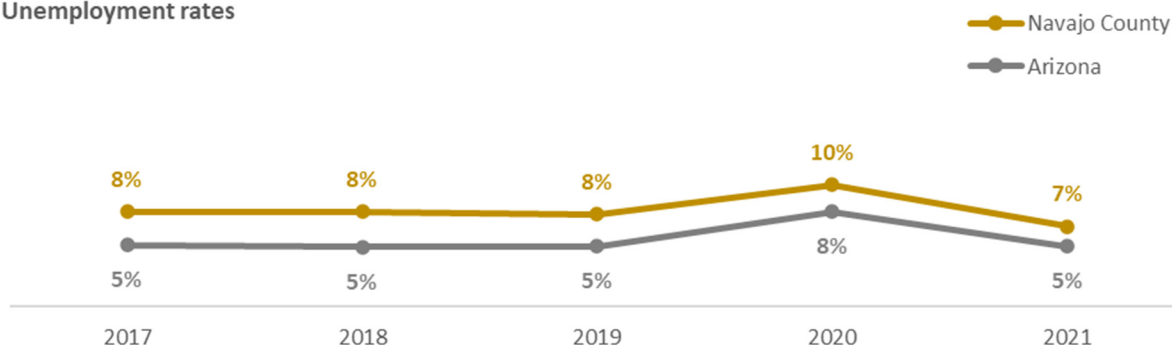
## Navajo County

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



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



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 Northeastern Arizona (2022)

1. Public Administration
2. Health Care and Social Assistance
3. Retail Trade
4. Accommodation & Food Service
5. Construction

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 Navajo County (2017-2020)

1. Walmart
2. State of Arizona
3. Summit Healthcare Association
4. Navajo County
5. United States Indian Health Services

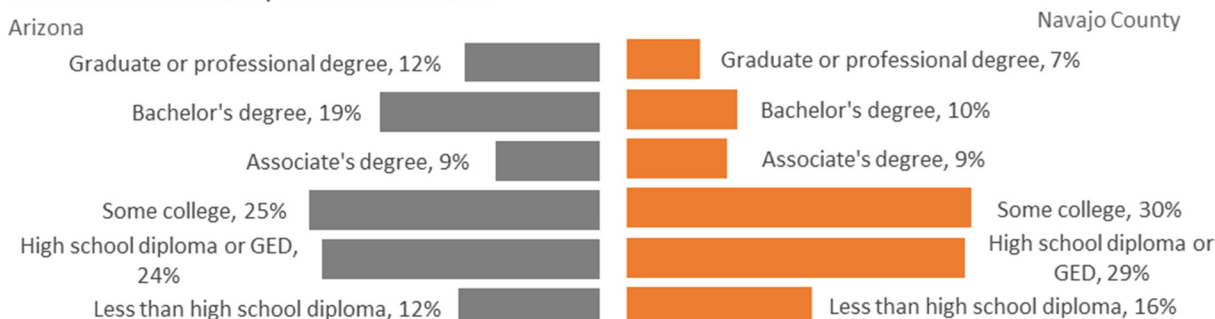
Data Source: Maricopa Association of Governments. [Arizona Employer Map]. Retrieved from <https://geo.azmag.gov/maps/azemployer/> on 1 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

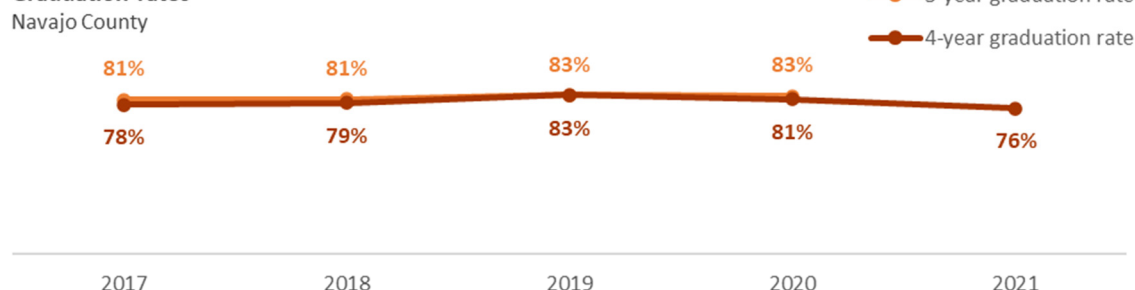
### Education

#### Educational attainment, adults 25 and older



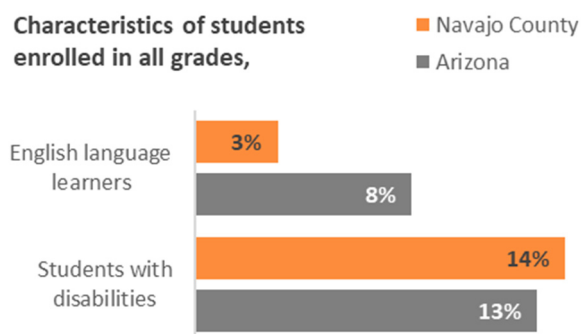
Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table S1501. Retrieved from <https://data.census.gov/> on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

#### Graduation rates



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,



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



Data Source: U.S. Census Bureau. (2021). American Community Survey 5-year estimates 2016-2020, Table B14005. Retrieved from <https://data.census.gov/> on 1 Sept 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### Health

**Number of individuals per primary care provider, 2021**

Navajo County

**1,046**

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**

Navajo County

**2,506**

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**

Navajo County

**26**

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.

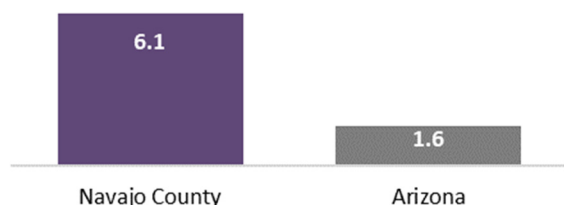
**Slots in ADHS-licensed child care providers, November 2022**

Navajo County

**1,208**

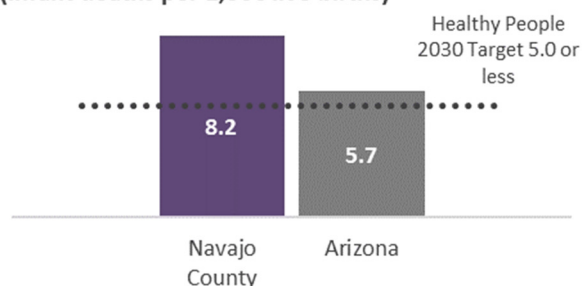
Data Source: Arizona Department of Health Services (2022). [Child care licensing dataset]. Retrieved from <https://azgeo-open-data-agic.hub.arcgis.com/datasets/ADHSGIS::child-care-facility/explore> on 28 Nov 2022. Note: This only captures ADHS-licensed facilities; unlicensed providers, home-based providers 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**



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)**



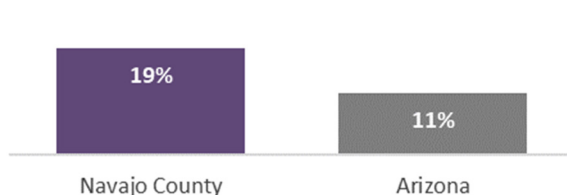
Data Source: Arizona Department of Health Services (2021). [Primary Care Area Statistical Profiles]. Retrieved from <https://www.azdhs.gov/prevention/health-systems-development/data-reports-maps/index.php#statistical-profiles-pca> on 21 November 2022. Figure credit: UA Community Research, Evaluation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



# University of Arizona Cooperative Extension Secondary Data Profile

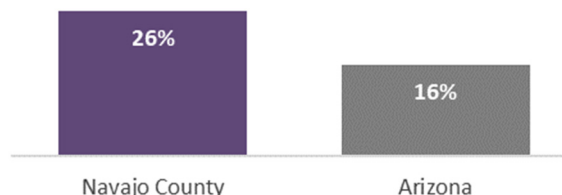
## Navajo County

Overall food insecurity rate, 2020



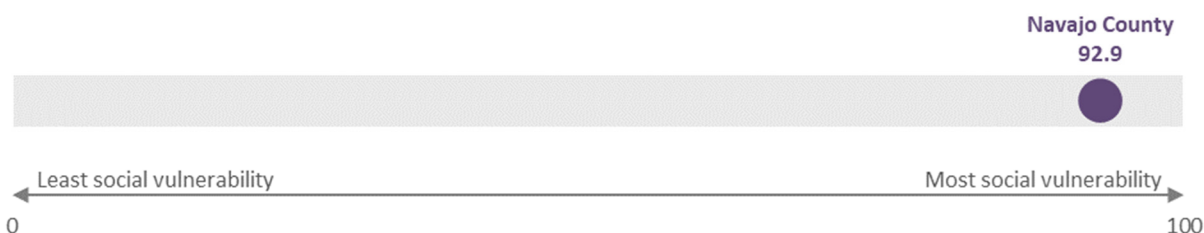
Data Source: Feeding America (2020). [Food Insecurity Among Overall Ages in Arizona]. Retrieved from <https://map.feedingamerica.org/> on 21 November 2022. Note: The USDA defines food insecurity as a lack of consistent access to enough food for every person in a household to live an active, healthy life.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

Child food insecurity rate, 2020



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



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](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.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### Agriculture

**Total farms, 2017**  
Navajo County

**4,205**

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/](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.

**Average farm size in acres, 2017**  
Navajo County

**1,049**

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/](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**



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/](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**  
Navajo County

**7,557**

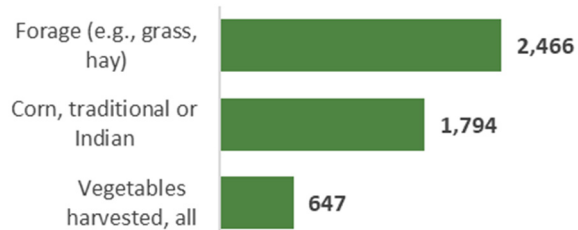
Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from [https://www.nass.usda.gov/Publications/AgCensus/2017/Online\\_Resources/County\\_Profiles/Arizona/](https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/Arizona/) 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.

**Percent family farms, 2017**  
Navajo County

**96%**

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/](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**  
Navajo County



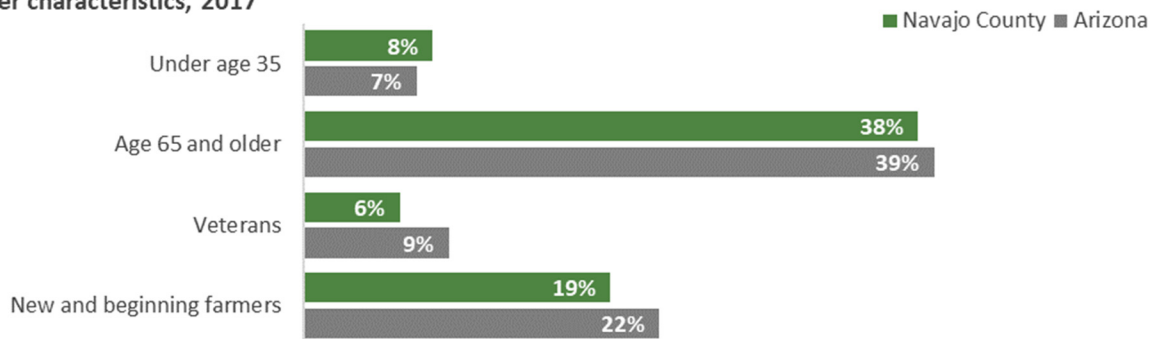
Data Source: United States Department of Agriculture (2017). [Census Agriculture Indicators]. Retrieved from [https://www.nass.usda.gov/Publications/AgCensus/2017/Online\\_Resources/County\\_Profiles/Arizona/](https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/Arizona/)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



# University of Arizona Cooperative Extension Secondary Data Profile

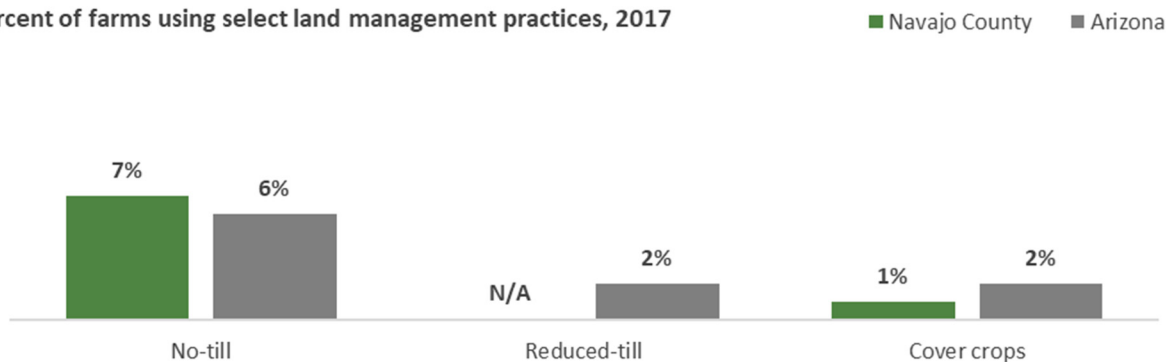
## Navajo County

### Producer characteristics, 2017



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/](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



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/](https://www.nass.usda.gov/Publications/AgCensus/2017/Online_Resources/County_Profiles/Arizona/) on 21 November 2022. Note: Data on reduced-till practices were not available for Navajo County. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### Natural Resources

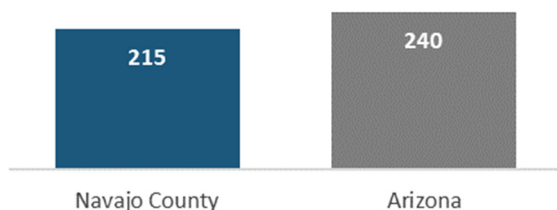
#### Water use by sector, 2015

Navajo County



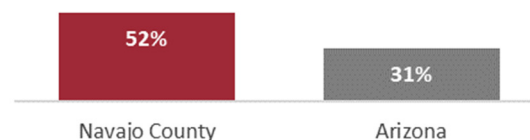
Data Source: Dieter, C.A., Linsey, K.S., Caldwell, R.R., Harris, M.A., Ivahnenko, T.I., Lovelace, J.K., Maupin, M.A., and Barber, N.L., 2018, Estimated Use of Water in the United States County-Level Data for 2015 (ver. 2.0, June 2018): U.S. Geological Survey data release, <https://doi.org/10.5066/F7TB15V5>.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

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



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.

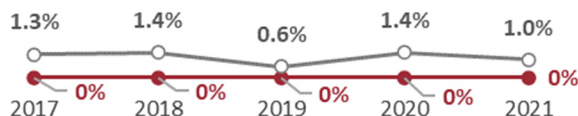
#### Percent of census tracts with a high-risk Environmental Justice Index score, 2022



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)

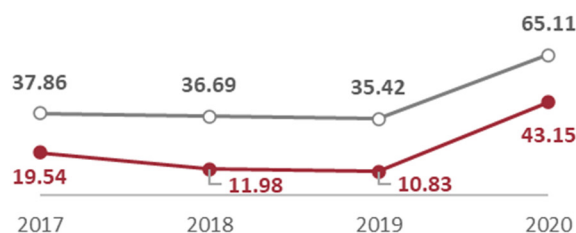
● Navajo County  
○ Arizona



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

● Navajo County  
○ Arizona

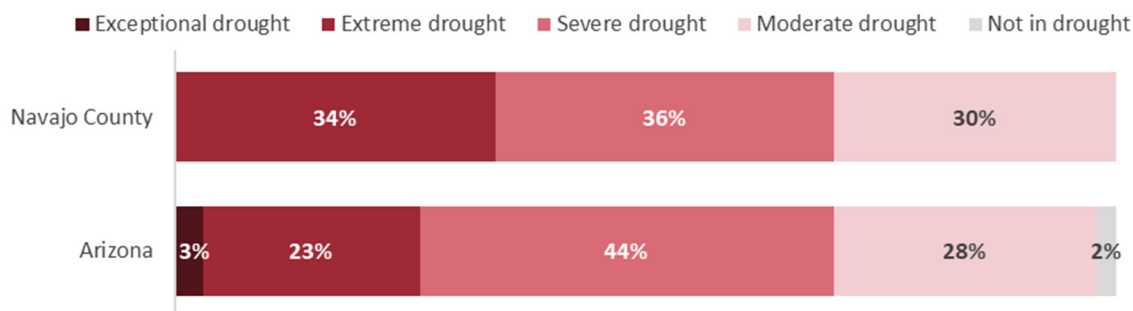


Data Source: Arizona Department of Health Services (2021). [Environmental Health Indicators]. Retrieved from <https://gis.azdhs.gov/ephtexplorer/> on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

# University of Arizona Cooperative Extension Secondary Data Profile

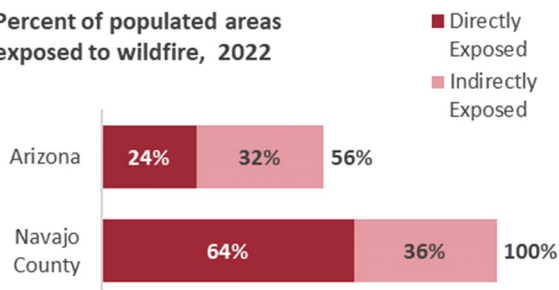
## Navajo County

### Percent of land in drought, July 2022



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



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.

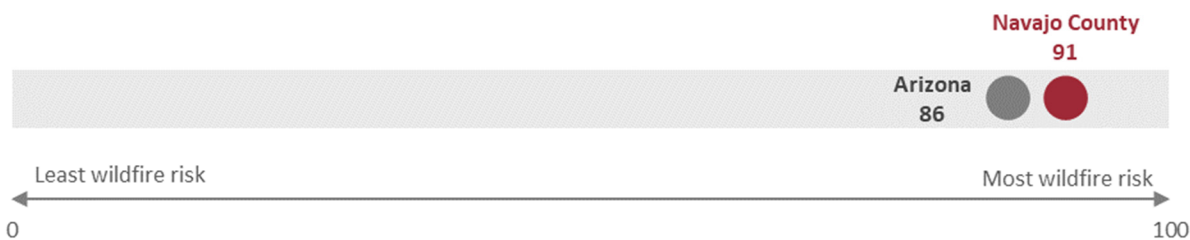
### Wildfires larger than 100 acres, 2014-2018

Navajo County

# 24

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

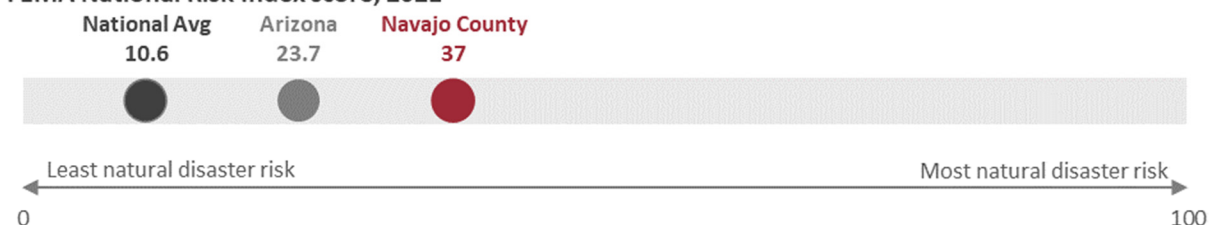


Data Source: United States Department of Agriculture, Forest Service (2022). [Wildfire risk to communities dataset]. Retrieved from <https://wildfirerisk.org/> on 28 November 2022. Figure credit: UA Community Research, Evaluation & Development (CRED) Team, 2023.

# University of Arizona Cooperative Extension Secondary Data Profile

## Navajo County

### FEMA National Risk Index score, 2021



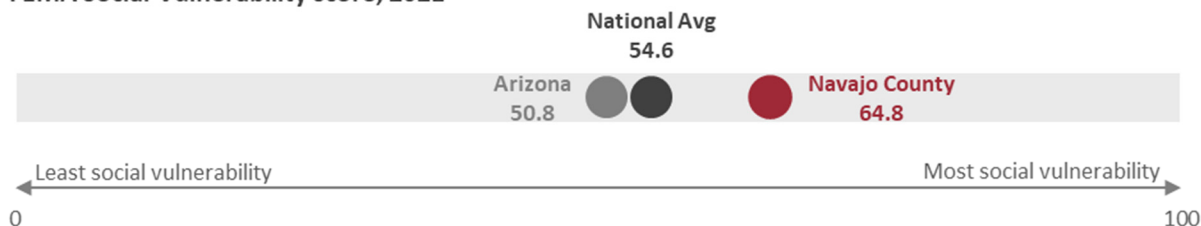
Data Source: Federal Emergency Management Agency (FEMA) (n.d.). [National Risk Index]. Retrieved from <https://hazards.fema.gov/nri/map> on 28 November 2022. Note: The National Risk Index identifies communities most at risk based on 18 natural hazards, expected annual losses from natural hazards, social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

### FEMA Expected Annual Loss score, 2021



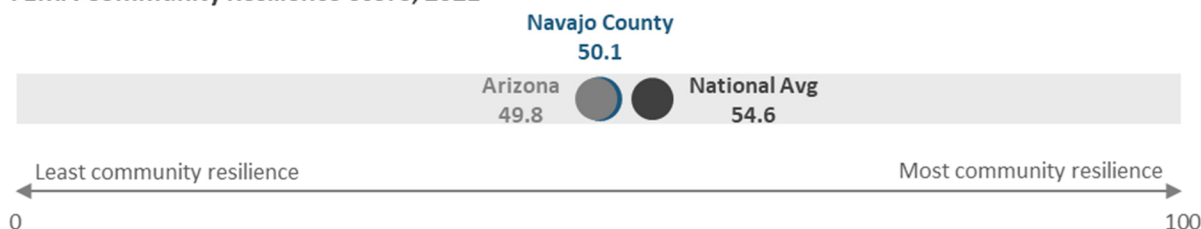
Data Source: Federal Emergency Management Agency (FEMA) (n.d.). [Expected Annual Loss]. Retrieved from <https://hazards.fema.gov/nri/map> on 28 November 2022. Note: Expected annual loss measures the expected loss of building value, population, and agricultural value each year due to natural hazards.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

### FEMA Social Vulnerability score, 2021



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



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.