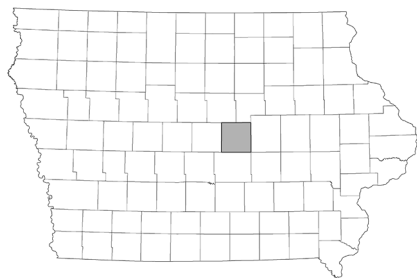


Data for Decision Makers



Marshall County Health Profile

report created: 12/13/2024

Health Risk Factors

This *Health Data for Decision Makers* provides a wide range of county-level health data and information to help residents, health providers, and policy makers understand the health situations and needs of county residents. It can be a starting point for discussions on health issues and a guide to help shape future programming and policies. It is updated annually to provide the most current set of indicators and can be used to compare across counties, regions, and the state.

Selected Health Data in Marshall County¹

| | County | | | State | | |
|--------------------|--------|-------|-------|-------|-------|-------|
| | 2019 | 2020 | 2021 | 2019 | 2020 | 2021 |
| Smoking | 17.6% | 17.2% | 18.1% | 17.4% | 16.8% | 15.5% |
| Excessive Drinking | 21.0% | 20.8% | 18.8% | 24.6% | 24.7% | 23.1% |
| Obesity | 41.7% | 38.2% | 37.2% | 34.3% | 37.2% | 36.9% |
| Diabetes | 10.2% | 10.0% | 9.6% | 9.0% | 8.9% | 8.5% |
| Inactive | 31.4% | 29.5% | 26.5% | 26.1% | 22.7% | 23.8% |
| Insufficient Sleep | NA | 31.6% | NA | NA | 31.6% | NA |

Years of Life Expectancy¹

| | County | | State | |
|-----------------|---------|---------|---------|---------|
| | 2015-17 | 2019-21 | 2015-17 | 2019-21 |
| Life Expectancy | 78.3 | 76.0 | 79.5 | 78.1 |

Years of Life Expectancy (2019-2021)¹



74.5 - 75.9 76.0 - 77.9 78.0 - 79.9 80 - 83.1

State: 78.1 Years

Percent Obese, 2021¹



32.6% - 35.4% 35.5% - 37.4% 37.5% - 38.9% 39.0% - 43.0%

State: 36.9%

Contacts:

Regional Director

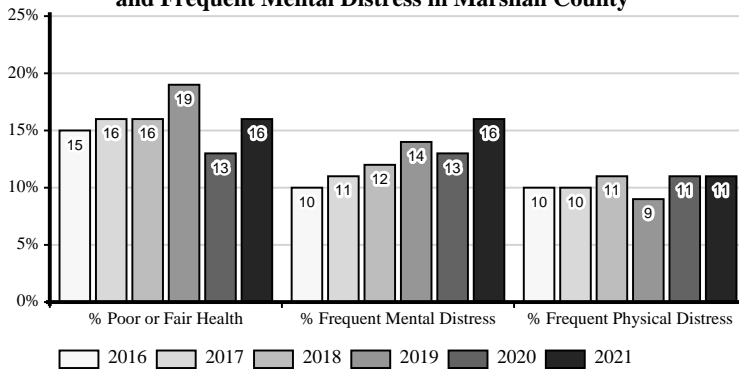
Anne Tedore
2608 South 2nd St., Ste E
Marshalltown, IA 50158
atedore@iastate.edu
641-752-1551

County Office

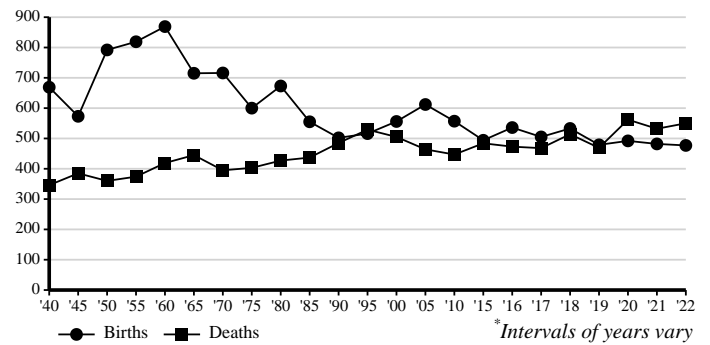
Amy Pieper
2608 S 2nd St.
Marshalltown, IA 50158
apieper@iastate.edu
641-752-1551

<https://indicators.extension.iastate.edu>

Percent Poor or Fair Health, Frequent Physical Distress, and Frequent Mental Distress in Marshall County¹



Number of Births and Deaths in Marshall County^{*4}



Ten-Year Counts of Selected Causes of Deaths^{*2}

| | County | | State | |
|-------------------------------|---------|---------|---------|---------|
| | 2004-13 | 2014-23 | 2004-13 | 2014-23 |
| Deaths, 10 Year Counts | | | | |
| Total Deaths | 4,659 | 5,050 | 278,642 | 316,814 |
| Alcohol** or Drugs | 58 | 104 | 4,459 | 8,436 |
| Suicides | 38 | 58 | 3,695 | 4,955 |
| Homicides | 4 | 12 | 571 | 879 |
| Transport Accidents | 67 | 76 | 4,314 | 3,951 |
| Other Accidents | 154 | 179 | 8,179 | 12,085 |

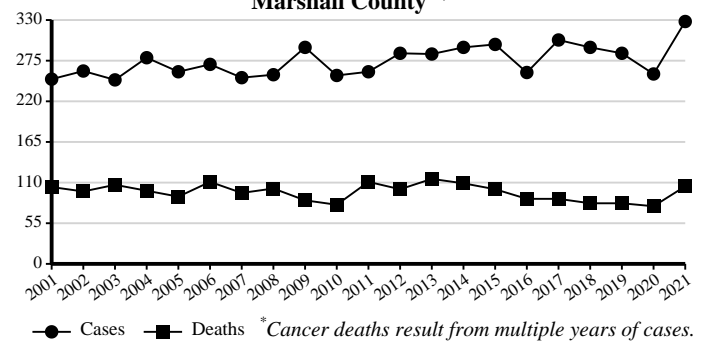
Average Annual Count (rounded)

| | 2004-13 | 2014-23 | 2004-13 | 2014-23 |
|---------------------|---------|---------|---------|---------|
| Total Deaths | 466 | 505 | 27,864 | 31,681 |
| Alcohol** or Drugs | 6 | 10 | 446 | 844 |
| Suicides | 4 | 6 | 370 | 496 |
| Homicides | 0 | 1 | 57 | 88 |
| Transport Accidents | 7 | 8 | 431 | 395 |
| Other Accidents | 15 | 18 | 818 | 1,209 |

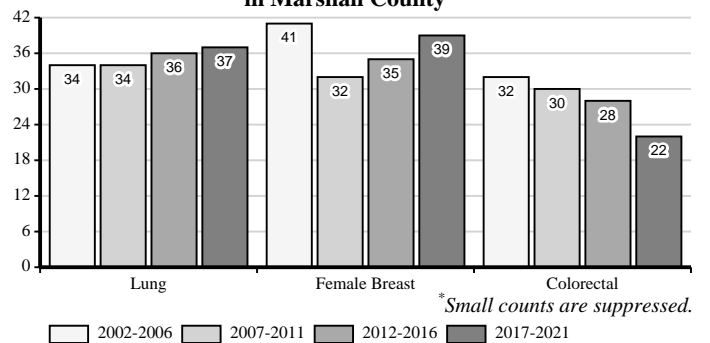
**Small counts are suppressed. Deaths are by the county of residence of the decedent.*

***Alcohol deaths include alcohol abuse and alcohol related diseases.*

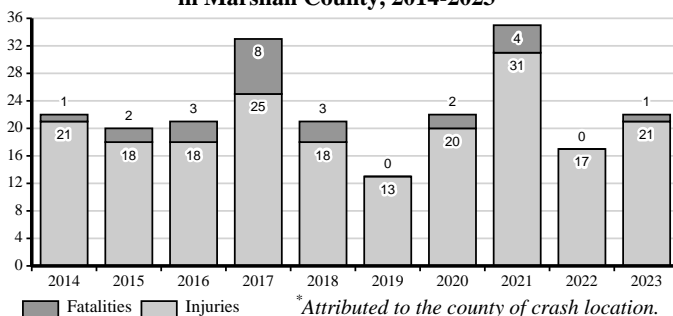
Number of All Cancer Cases and Cancer Deaths in Marshall County^{*2,5}



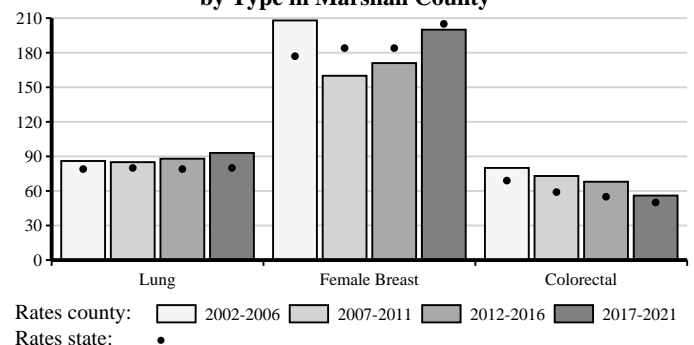
Estimated Annual Cancer Count by Type in Marshall County^{*5}



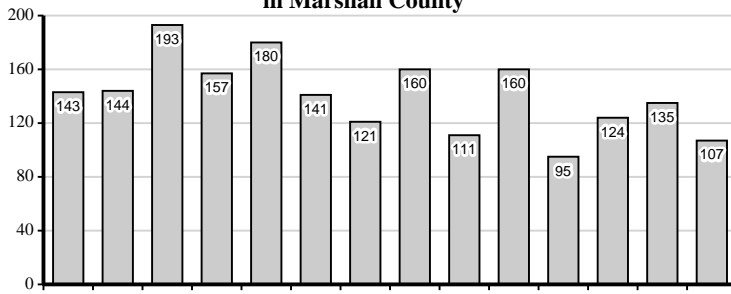
Number of Fatalities and Injuries in Vehicle Crashes Where Driver was Under the Influence of Drugs or Alcohol in Marshall County, 2014-2023^{*3}



Five-Year Cancer Crude Rate per 100,000 Population at Risk by Type in Marshall County^{*5}

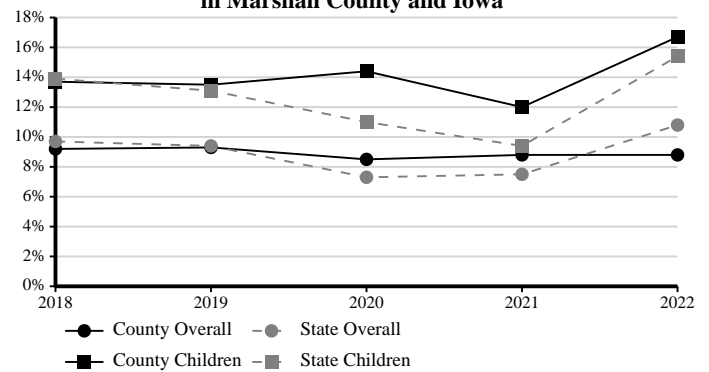


Number of ER Visits with a Primary Diagnosis of Asthma in Marshall County^{*6}

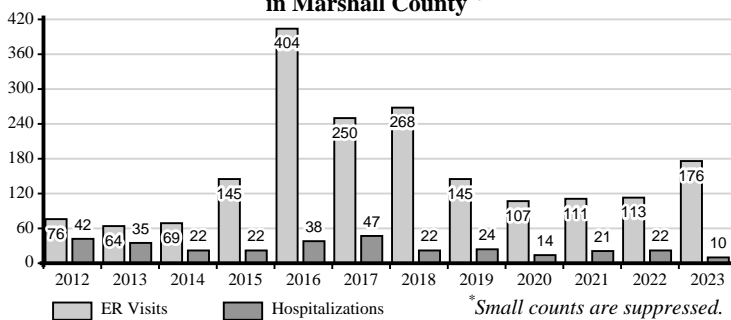


**Small counts are suppressed. If all years are suppressed, chart will be blank.*

Percent of Population Food Insecure in Marshall County and Iowa⁷



Number of ER Visits and Hospitalizations with a Primary Diagnosis of Chronic Obstructive Pulmonary Disease (COPD) in Marshall County^{*6}

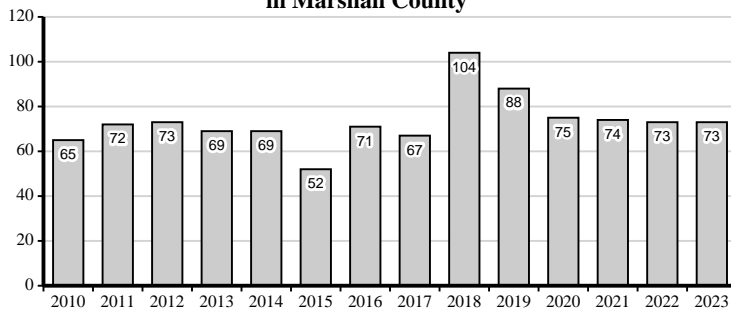


**Small counts are suppressed.*

Percent of Children Food Insecure, 2022⁷

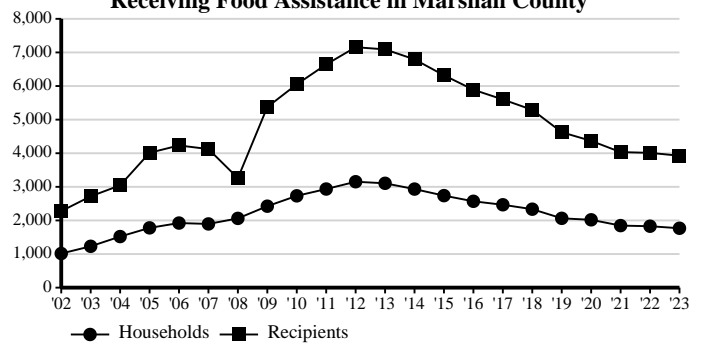


Number Hospitalizations with a Primary Diagnosis of Heart Attack in Marshall County^{*6}



**Small counts are suppressed. If all years are suppressed, chart will be blank.*

Average Monthly Number of Recipients and Households Receiving Food Assistance in Marshall County⁸

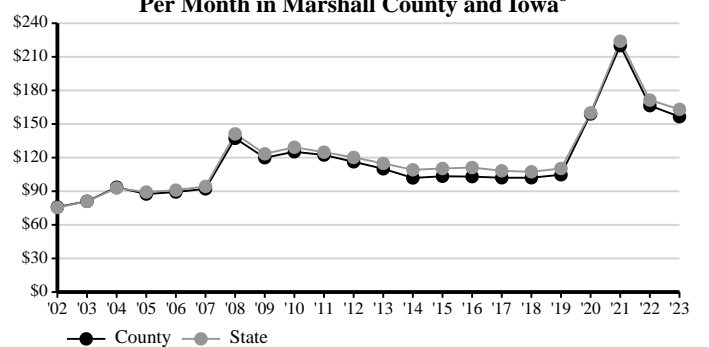


Number of ER Visits and Hospitalizations with a Diagnosis of Unintentional Fall-Related Injuries in Marshall County^{*6}

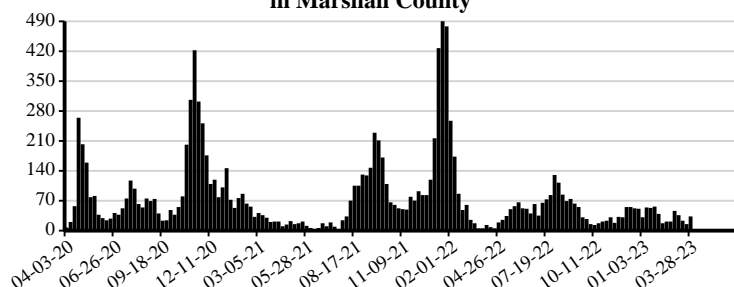


**Small counts are suppressed.*

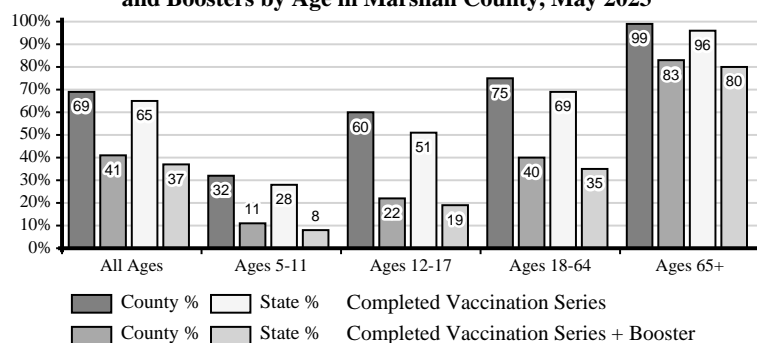
Average Food Assistance Benefits Paid Per Recipient Per Month in Marshall County and Iowa⁸



Number of Weekly Reported COVID-19 Cases in Marshall County⁹



Cumulative Percentage of Population with COVID-19 Vaccinations and Boosters by Age in Marshall County, May 2023¹⁰



Primary Care Physicians, Dentists, and Mental Health Providers in Marshall County and Iowa¹

| | County Providers | County Population per Provider | State Providers | State Population per Provider |
|---------------------------|------------------|--------------------------------|-----------------|-------------------------------|
| Primary Physicians | | | | |
| 2021 | 17 | 2,344 | 2,305 | 1,385 |
| 2020 | 18 | 2,194 | 2,331 | 1,357 |
| 2019 | 19 | 2,072 | 2,343 | 1,347 |
| Dentists | | | | |
| 2022 | 29 | 1,424 | 2,268 | 1,411 |
| 2021 | 29 | 1,374 | 2,231 | 1,431 |
| 2020 | 26 | 1,519 | 2,203 | 1,436 |
| Mental Health | | | | |
| 2023 | 78 | 511 | 6,358 | 503 |
| 2022 | 76 | 524 | 6,001 | 532 |
| 2021 | 69 | 572 | 5,555 | 569 |

Number of Hospitals, Nursing Facilities, and Beds in Marshall County and Iowa¹¹

| | County | | State | |
|-----------------------|--------|-------|--------|--------|
| | 2019 | 2021 | 2019 | 2021 |
| Hospitals | 1 | 1 | 122 | 120 |
| Hospital Beds | 125 | 125 | 11,771 | 11,423 |
| Nursing Facilities | 5 | 5 | 419 | 414 |
| Nursing Facility Beds | 1,024 | 1,016 | 29,581 | 28,474 |

3-Year Cumulative Reported COVID-19 Cases and Rates per 100,000, March 2020 - March 2023⁹

| | County | State |
|-------------------|------------------|------------------|
| Cumulative Cases | 11,534 | 908,936 |
| Cumulative Rate * | 28,760 / 100,000 | 28,490 / 100,000 |

*Rate per 100,000 population

Monthly Estimated Percent of Household Pulse Survey Respondents Reporting Having Had COVID-19, long COVID, and Vaccinations for COVID-19, Iowa and U.S. 2024¹²



*Population 18 and older. Percent estimates are considered experimental.

Total Deaths and COVID-19 Deaths 2020-2023 in Marshall County and Iowa⁴

| | County | State |
|---|--------|--------|
| Total Deaths 2023 | NA | NA |
| COVID-19 Deaths 2023 | NA | NA |
| COVID-19 Deaths as % of all Deaths 2023 | NA | NA |
| Total Deaths 2022 | 550 | 33,968 |
| COVID-19 Deaths 2022 | 27 | 1,700 |
| COVID-19 Deaths as % of all Deaths 2022 | 4.9% | 5.0% |
| Total Deaths 2021 | 532 | 34,216 |
| COVID-19 Deaths 2021 | 26 | 3,015 |
| COVID-19 Deaths as % of all Deaths 2021 | 4.9% | 8.8% |
| Total Deaths 2020 | 562 | 35,975 |
| COVID-19 Deaths 2020 | 60 | 4,306 |
| COVID-19 Deaths as % of all Deaths 2020 | 10.7% | 12.0% |

*Small counts are suppressed.

Number of Persons Receiving Substance Use Treatment by Substance Type in Marshall County and Iowa¹³

| | County | | State | |
|-----------------------|--------|------|--------|--------|
| | 2022 | 2023 | 2022 | 2023 |
| Total Persons Treated | 473 | 459 | 17,703 | 17,609 |
| Alcohol | 166 | 181 | 7,597 | 7,645 |
| Marijuana/Hashish | 130 | 118 | 3,163 | 3,127 |
| Methamphetamine | 138 | 131 | 4,899 | 4,687 |
| Other Substances | 27 | 24 | 1,501 | 1,686 |

*Small treatment counts are suppressed.

Disability Characteristics, 2018-2022¹⁴

| | County | | State | |
|--------------------------|----------|------------------|-----------|------------------|
| | Estimate | MOE [†] | Estimate | MOE [†] |
| Total Population | 38,697 | +/-44 | 3,142,658 | +/-508 |
| With a Disability | 11.5% | +/-0.9% | 12.2% | +/-0.1% |
| Hearing | 4.2% | +/-0.5% | 3.8% | +/-0.1% |
| Vision | 2.1% | +/-0.5% | 1.9% | +/-0.1% |
| Cognitive | 4% | +/-0.8% | 4.9% | +/-0.1% |
| Ambulatory | 5.2% | +/-0.8% | 5.8% | +/-0.1% |
| Self care | 2.1% | +/-0.5% | 2.1% | +/-0.1% |
| Independent Living | 4.2% | +/-0.8% | 5.1% | +/-0.1% |
| Ages 18-64 | 22,564 | +/-285 | 1,878,854 | +/-1,559 |
| With a Disability | 10.5% | NA | 7.2% | NA |
| Hearing | 2.6% | +/-0.8% | 2.1% | +/-0.1% |
| Vision | 1.9% | +/-0.7% | 1.6% | +/-0.1% |
| Cognitive | 4.1% | +/-1% | 4.7% | +/-0.1% |
| Ambulatory | 4.3% | +/-0.9% | 3.9% | +/-0.1% |
| Self care | 1.7% | +/-0.7% | 1.5% | +/-0.1% |
| Independent Living | 2.7% | +/-0.8% | 3.5% | +/-0.1% |
| Ages 65-74 | 3,545 | +/-167 | 316,485 | +/-730 |
| With a Disability | 21.5% | +/-3.9% | 22% | +/-0.5% |
| Hearing | 10.8% | +/-2.9% | 9.3% | +/-0.3% |
| Vision | 3.1% | +/-1.8% | 3.2% | +/-0.2% |
| Cognitive | 3.7% | +/-1.7% | 3.9% | +/-0.2% |
| Ambulatory | 10.9% | +/-3.7% | 11.9% | +/-0.4% |
| Self care | 2% | +/-1.2% | 3.1% | +/-0.2% |
| Independent Living | 4.9% | +/-2% | 5.5% | +/-0.2% |
| Ages 75 and above | 2,436 | +/-195 | 218,340 | +/-720 |
| With a Disability | 42.3% | +/-6% | 43.3% | +/-0.6% |
| Hearing | 25.2% | +/-5% | 21.8% | +/-0.5% |
| Vision | 9.9% | +/-3.8% | 7.2% | +/-0.4% |
| Cognitive | 9.3% | +/-3.9% | 9.1% | +/-0.4% |
| Ambulatory | 20.5% | +/-4.9% | 25.4% | +/-0.6% |
| Self care | 13% | +/-4.9% | 8.5% | +/-0.3% |
| Independent Living | 17.7% | +/-4.5% | 18.2% | +/-0.5% |

Educational Attainment, 2018-2022¹⁴

| | County | | State | |
|--------------------------------|----------|------------------|-----------|------------------|
| | Estimate | MOE [†] | Estimate | MOE [†] |
| Population 25 and older | 26,441 | +/-71 | 2,131,202 | +/-967 |
| High School Graduate or Higher | 85.2% | +/-1.7% | 93% | +/-0.1% |
| Bachelor's Degree or Higher | 21% | +/-2% | 30.3% | +/-0.3% |

Percentage of Population by Age¹⁵

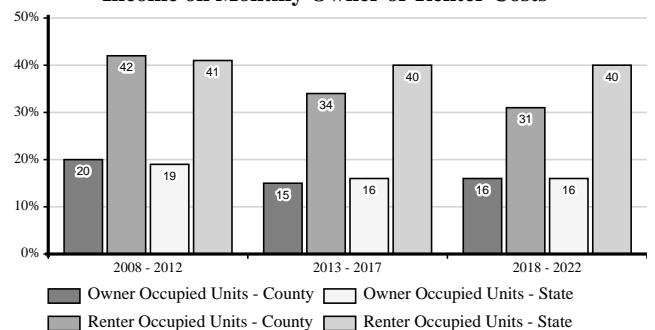
| Age Groups | County | | State | |
|---------------------------------|--------|-------|-------|-------|
| | 2010 | 2020 | 2010 | 2020 |
| 17 or younger | 25.3% | 25.2% | 23.9% | 23.2% |
| 18 - 24 | 8.3% | 8.0% | 10.0% | 9.8% |
| 25 - 44 | 22.7% | 23.1% | 24.5% | 24.6% |
| 45 - 64 | 27.2% | 24.3% | 26.7% | 24.5% |
| 65 or older | 16.4% | 19.3% | 14.9% | 18.0% |
| 65 - 84 | 13.5% | 16.7% | 12.4% | 15.6% |
| 85 or older | 2.9% | 2.7% | 2.5% | 2.4% |
| Median ^a age (years) | 39.6 | 39.2 | 38.1 | 38.6 |
| Age dependency ^b | 71.6 | 80.3 | 63.4 | 69.9 |
| Old-age | 28.2 | 34.8 | 24.3 | 30.6 |
| Child | 43.5 | 45.5 | 39.1 | 39.4 |

Percentage of Population by Race/Hispanic Origin¹⁵

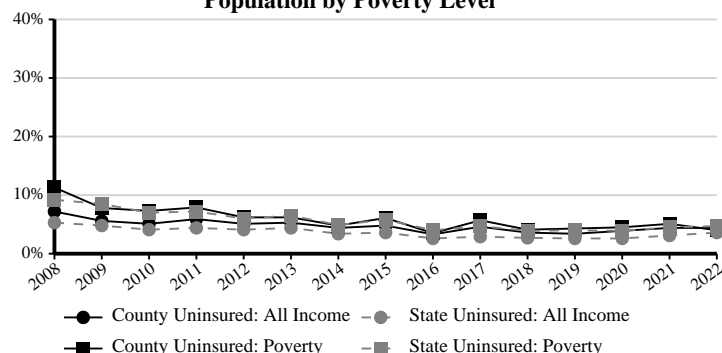
| Race Groups | County | | State | |
|------------------------------|--------|-------|-------|-------|
| | 2010 | 2020 | 2010 | 2020 |
| One race only | 98.0% | 90.8% | 98.2% | 94.4% |
| White | 88.7% | 73.8% | 91.3% | 84.5% |
| White alone, not Hispanic | 78.2% | 68.4% | 88.7% | 82.7% |
| Black or African American | 1.7% | 2.0% | 2.9% | 4.1% |
| Asian | 1.3% | 3.8% | 1.7% | 2.4% |
| American Indian | 0.5% | 0.8% | 0.4% | 0.5% |
| Hawaiian/Pacific Islander | 0.1% | 0.1% | 0.1% | 0.2% |
| Other | 5.6% | 10.3% | 1.8% | 2.8% |
| Two or more races | 2.0% | 9.2% | 1.8% | 5.6% |
| Hispanic origin ^a | 17.3% | 22.8% | 5.0% | 6.8% |

^aHispanics can be of any race.

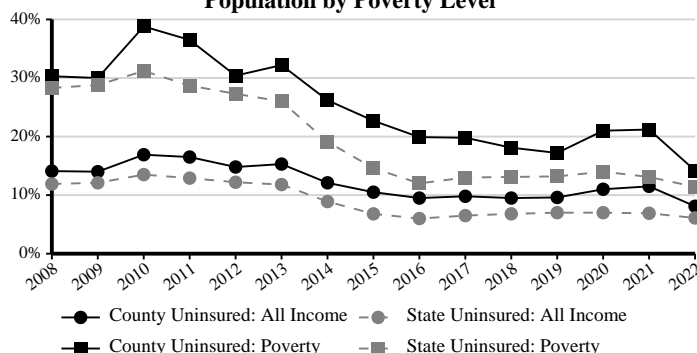
Percent of Households Spending 30% or More of Household Income on Monthly Owner or Renter Costs¹⁴



Ages 0-18 Percent Health Uninsured Population by Poverty Level¹⁶



Ages 18-64 Percent Health Uninsured Population by Poverty Level¹⁶

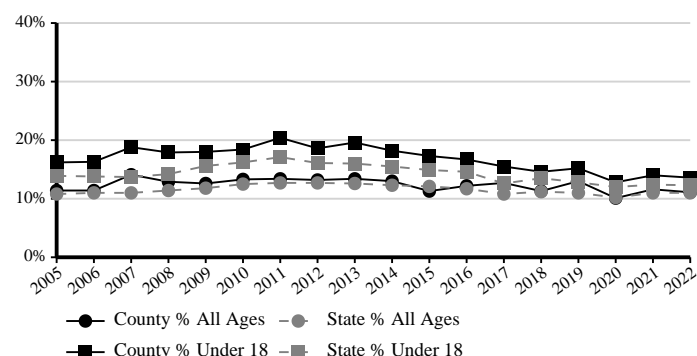


Median^a Household and Per Capita Income, 2018-2022¹⁴

| | County | | State | |
|-------------------------|----------------------|------------------|--------------------|------------------|
| | Estimate | MOE [†] | Estimate | MOE [†] |
| Total Households | 15,288 | +/- 293 | 1,290,139 | +/- 4,032 |
| Median Household Income | \$70,828 +/- \$2,981 | | \$70,571 +/- \$395 | |
| Median Family Income | \$85,665 +/- \$4,694 | | \$90,921 +/- \$579 | |
| Per Capita Income | \$31,486 +/- \$1,140 | | \$37,949 +/- \$241 | |

[†]MOE = the margin of error for American Community Survey estimates is a numerical value that when added to or subtracted from the point estimate value gives the range of a 90% confidence interval around the estimate.

Percent Below Poverty Level by Age¹⁷



Information in this document was derived from:

¹County Health Rankings and Roadmaps:

<https://www.countyhealthrankings.org/>

²Centers for Disease Control and Prevention, CDC WONDER, Multiple Cause of Death: <https://wonder.cdc.gov/mcd.html>

³Iowa Dept of Transportation, Iowa Crash Analysis Tool:

<https://icat.iowadot.gov/>

⁴Iowa Dept of Health and Human Services, Vital Statistics of Iowa Annual Report: <https://hhs.iowa.gov/public-health/health-statistics>

⁵Iowa Cancer Registry, special data request: <https://shri.public-health.uiowa.edu/cancer-data/> and

https://uiowa.qualtrics.com/jfe/form/SV_6G7RizLRVgVf1C6

⁶Iowa Public Health Tracking Portal: <https://hhs.iowa.gov/public-health/data>

⁷Feeding America, Map the Meal Gap, requested data:

<https://map.feedingamerica.org/> and

<https://www.feedingamerica.org/research/map-the-meal-gap/by-county>

⁸Iowa Data Portal, Health and Human Services, Food Assistance: https://data.iowa.gov/Economic-Supports/Total-Food-Assistance-Allotments-and-Average-House/vhhz-nz4t/about_data

⁹Iowa Dept of Health and Human Services, previously Iowa Department of Public Health, 2020 - 2023: <https://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus/COVID-19-Reporting/> and <https://coronavirus.iowa.gov/>

¹⁰Centers for Disease Control and Prevention, COVID-19 vaccinations, previous site last updated May, 12, 2023: <https://data.cdc.gov/Vaccinations/COVID-19-Vaccinations-in-the-United-States-County/8xkx-amqh/>

¹¹Iowa Health Fact Book: <https://iowahealthfactbook.org/>

¹²U.S. Census Bureau, Household Pulse Survey, 2024 Data Tables, Phases 4.0, 4.1, Cycles 01 – 06 <https://www.census.gov/programs-surveys/household-pulse-survey/data/tables.html>

¹³Iowa Dept of Health and Human Services, Division of Behavioral Health, Iowa Behavioral Reporting System (IBHRS), special data request: <https://hhs.iowa.gov/programs/mental-health/substance-use-disorder/behavioral-health-reporting-system>

¹⁴American Community Survey, 5-year estimates, U.S. Census Bureau: <https://www.census.gov/>

¹⁵Decennial Censuses, U.S. Census Bureau: <https://www.census.gov/programs-surveys/decennial-census/decade/2020/2020-census-main.html>

¹⁶Small Area Health Insurance Estimates, U.S. Census Bureau:

<https://www.census.gov/programs-surveys/sahie.html>

¹⁷Small Area Income and Poverty Estimates, U.S. Census Bureau:

<https://www.census.gov/programs-surveys/saie.html/>

^aMedian is the middle value of a distribution.

^bThe age dependency ratio compares, by age, those typically not in the labor force with those who typically are in the labor force. Old-age dependency is persons 65+ per 100 persons age 18-64. Child dependency is persons under age 18 per 100 persons age 18-64. The total age dependency ratio is persons under age 18 plus persons 65 or older per 100 persons age 18-64.

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