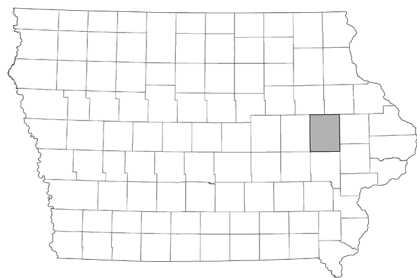


# Data for Decision Makers



## Linn 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.

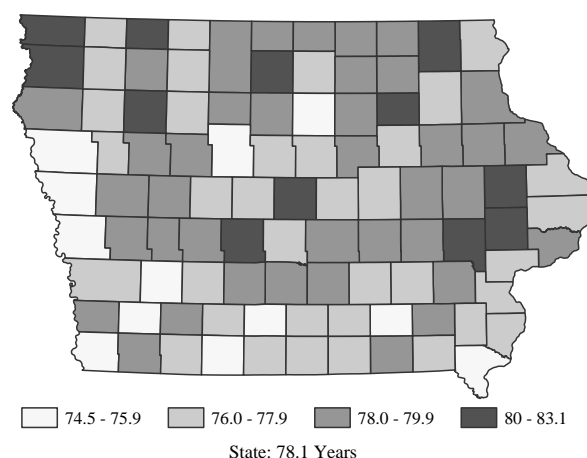
Selected Health Data in Linn County<sup>1</sup>

	County			State		
	2019	2020	2021	2019	2020	2021
Smoking	15.7%	14.9%	15.5%	17.4%	16.8%	15.5%
Excessive Drinking	24.0%	22.9%	22.2%	24.6%	24.7%	23.1%
Obesity	35.0%	37.4%	38.5%	34.3%	37.2%	36.9%
Diabetes	8.4%	8.6%	8.0%	9.0%	8.9%	8.5%
Inactive	24.3%	19.8%	21.4%	26.1%	22.7%	23.8%
Insufficient Sleep	NA	31.3%	NA	NA	31.6%	NA

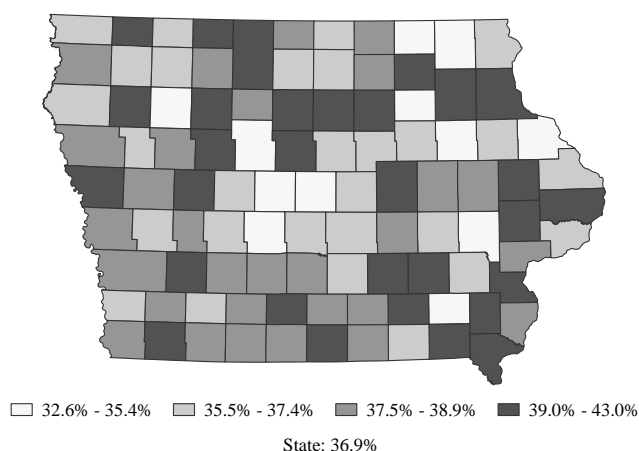
Years of Life Expectancy<sup>1</sup>

	County		State	
	2015-17	2019-21	2015-17	2019-21
Life Expectancy	80.3	79.2	79.5	78.1

Years of Life Expectancy (2019-2021)<sup>1</sup>



Percent Obese, 2021<sup>1</sup>



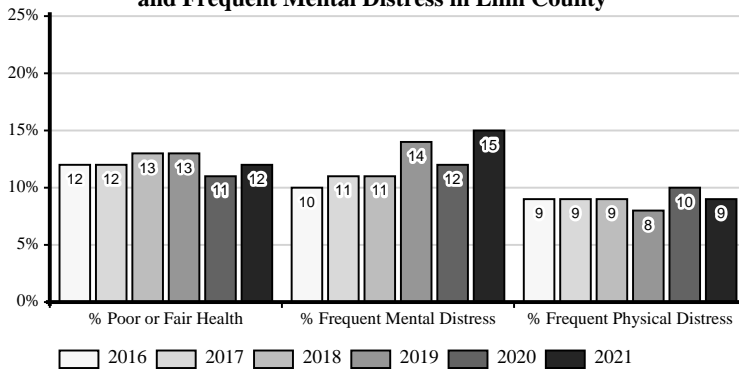
### Contacts:

**Regional Director**  
Hailee Sandberg  
1770 Boyson Rd., Ste 702  
Hiawatha, IA 52233  
hailees@iastate.edu  
563-210-0247

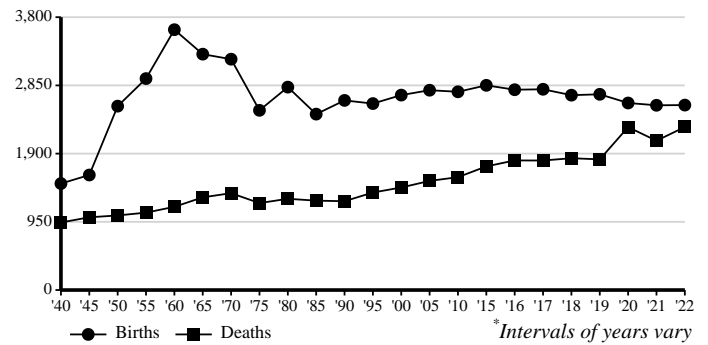
**County Office**  
Hailee Sandberg  
1770 Boyson Rd., Ste 702  
Hiawatha, IA 52233  
hailees@iastate.edu  
319-377-9839

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

**Percent Poor or Fair Health, Frequent Physical Distress, and Frequent Mental Distress in Linn County<sup>1</sup>**



**Number of Births and Deaths in Linn County<sup>\*4</sup>**



**Ten-Year Counts of Selected Causes of Deaths<sup>\*2</sup>**

	County		State	
	2004-13	2014-23	2004-13	2014-23
<b>Deaths, 10 Year Counts</b>				
Total Deaths	15,864	19,505	278,642	316,814
Alcohol** or Drugs	377	717	4,459	8,436
Suicides	232	366	3,695	4,955
Homicides	38	101	571	879
Transport Accidents	195	207	4,314	3,951
Other Accidents	562	910	8,179	12,085

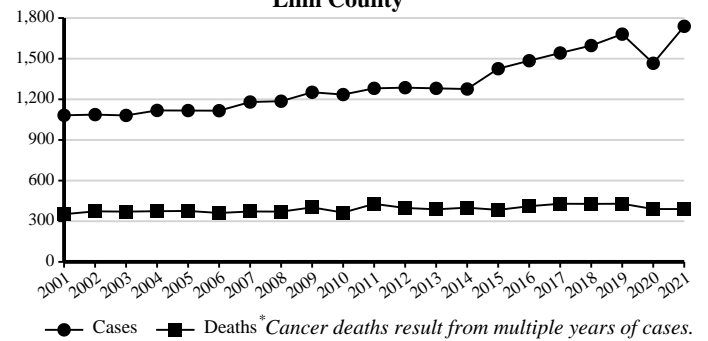
**Average Annual Count (rounded)**

	2004-13	2014-23	2004-13	2014-23
Total Deaths	1,586	1,951	27,864	31,681
Alcohol** or Drugs	38	72	446	844
Suicides	23	37	370	496
Homicides	4	10	57	88
Transport Accidents	20	21	431	395
Other Accidents	56	91	818	1,209

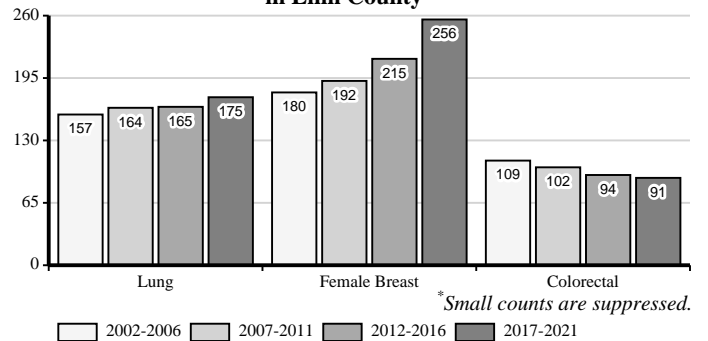
<sup>\*</sup>Small counts are suppressed. Deaths are by the county of residence of the decedent.

<sup>\*\*</sup>Alcohol deaths include alcohol abuse and alcohol related diseases.

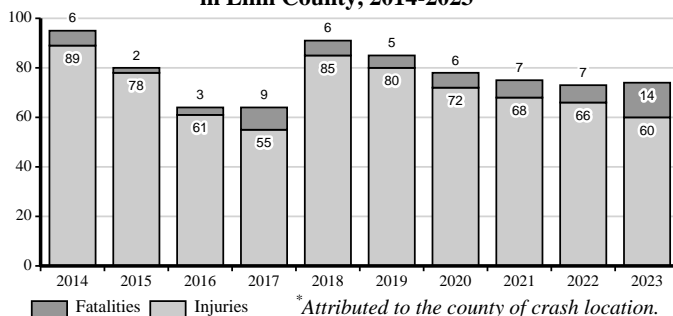
**Number of All Cancer Cases and Cancer Deaths in Linn County<sup>\*2,5</sup>**



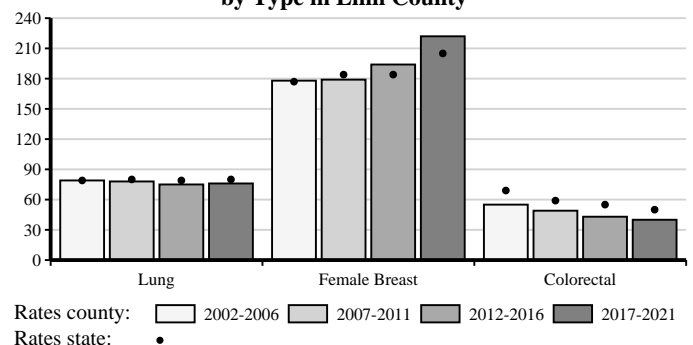
**Estimated Annual Cancer Count by Type in Linn County<sup>\*5</sup>**



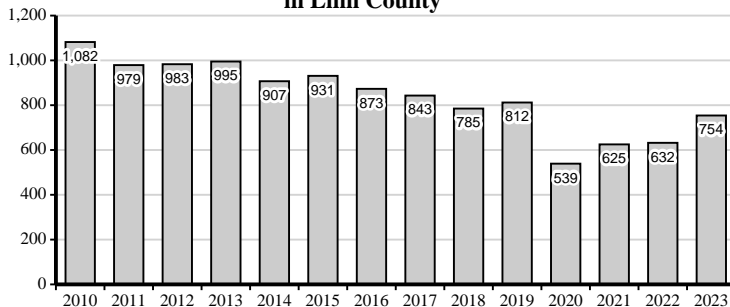
**Number of Fatalities and Injuries in Vehicle Crashes Where Driver was Under the Influence of Drugs or Alcohol in Linn County, 2014-2023<sup>\*3</sup>**



**Five-Year Cancer Crude Rate per 100,000 Population at Risk by Type in Linn County<sup>\*5</sup>**

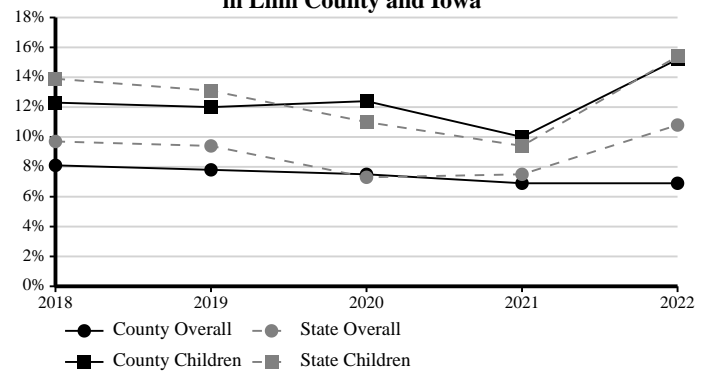


**Number of ER Visits with a Primary Diagnosis of Asthma in Linn County<sup>\*6</sup>**

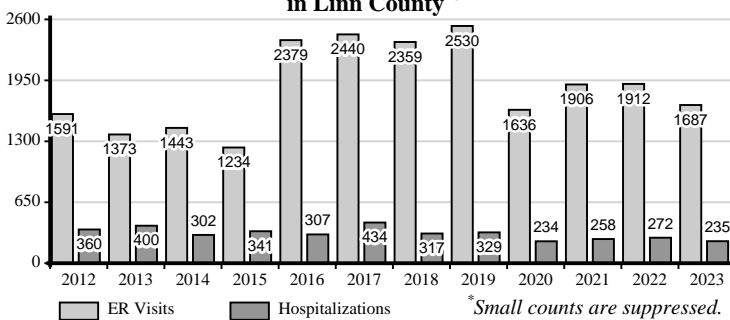


*\*Small counts are suppressed. If all years are suppressed, chart will be blank.*

**Percent of Population Food Insecure in Linn County and Iowa<sup>7</sup>**

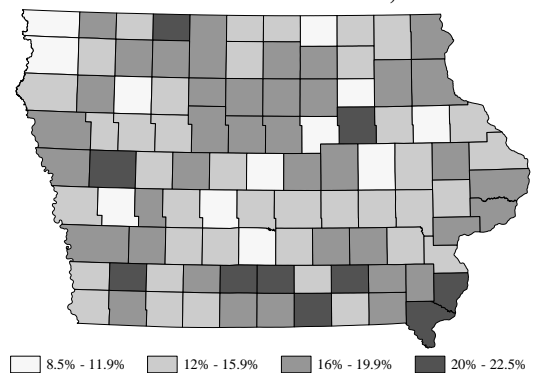


**Number of ER Visits and Hospitalizations with a Primary Diagnosis of Chronic Obstructive Pulmonary Disease (COPD) in Linn County<sup>\*6</sup>**

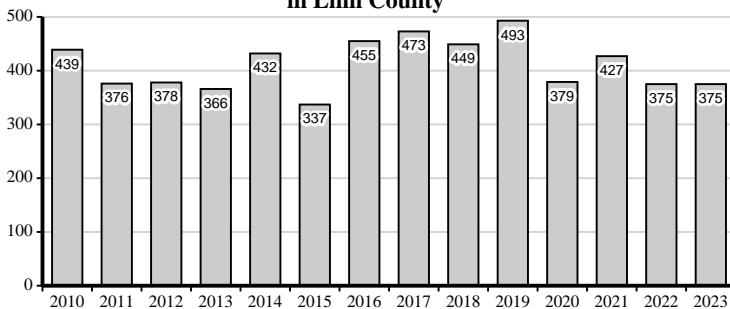


*\*Small counts are suppressed.*

**Percent of Children Food Insecure, 2022<sup>7</sup>**

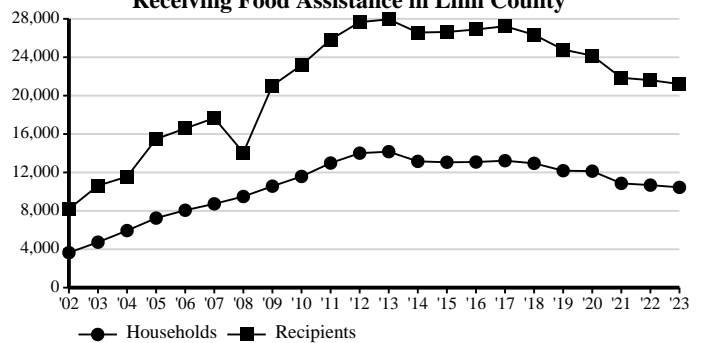


**Number Hospitalizations with a Primary Diagnosis of Heart Attack in Linn County<sup>\*6</sup>**

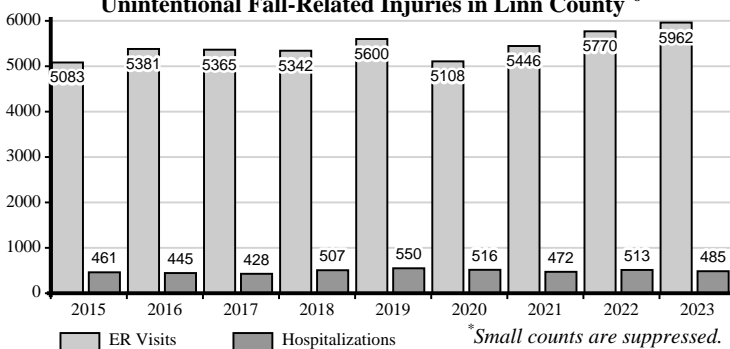


*\*Small counts are suppressed. If all years are suppressed, chart will be blank.*

**Average Monthly Number of Recipients and Households Receiving Food Assistance in Linn County<sup>8</sup>**

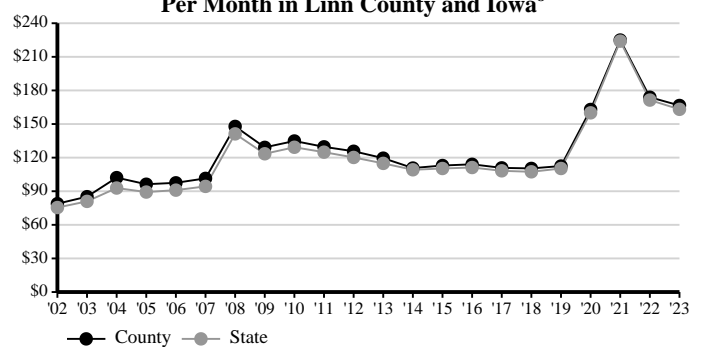


**Number of ER Visits and Hospitalizations with a Diagnosis of Unintentional Fall-Related Injuries in Linn County<sup>\*6</sup>**

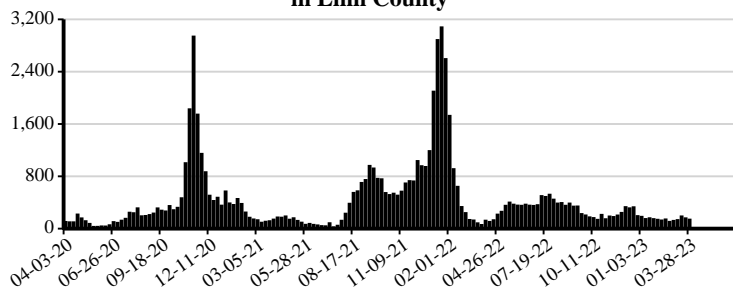


*\*Small counts are suppressed.*

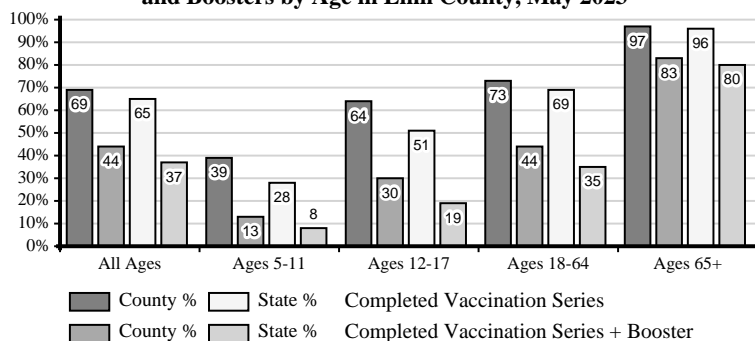
**Average Food Assistance Benefits Paid Per Recipient Per Month in Linn County and Iowa<sup>8</sup>**



**Number of Weekly Reported COVID-19 Cases in Linn County<sup>9</sup>**



**Cumulative Percentage of Population with COVID-19 Vaccinations and Boosters by Age in Linn County, May 2023<sup>10</sup>**



**Primary Care Physicians, Dentists, and Mental Health Providers in Linn County and Iowa<sup>1</sup>**

	County Providers	County Population per Provider	State Providers	State Population per Provider
<b>Primary Physicians</b>				
2021	143	1,601	2,305	1,385
2020	141	1,616	2,331	1,357
2019	148	1,532	2,343	1,347
<b>Dentists</b>				
2022	170	1,347	2,268	1,411
2021	170	1,347	2,231	1,431
2020	169	1,348	2,203	1,436
<b>Mental Health</b>				
2023	645	355	6,358	503
2022	604	379	6,001	532
2021	549	415	5,555	569

**Number of Hospitals, Nursing Facilities, and Beds in Linn County and Iowa<sup>11</sup>**

	County		State	
	2019	2021	2019	2021
Hospitals	2	2	122	120
Hospital Beds	994	994	11,771	11,423
Nursing Facilities	18	18	419	414
Nursing Facility Beds	1,427	1,423	29,581	28,474

**3-Year Cumulative Reported COVID-19 Cases and Rates per 100,000, March 2020 - March 2023<sup>9</sup>**

	County	State
Cumulative Cases	65,239	908,936
Cumulative Rate *	28,328 / 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. 2024<sup>12</sup>**



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

**Total Deaths and COVID-19 Deaths 2020-2023 in Linn County and Iowa<sup>4</sup>**

	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	2,271	33,968
COVID-19 Deaths 2022	122	1,700
COVID-19 Deaths as % of all Deaths 2022	5.4%	5.0%
Total Deaths 2021	2,079	34,216
COVID-19 Deaths 2021	174	3,015
COVID-19 Deaths as % of all Deaths 2021	8.4%	8.8%
Total Deaths 2020	2,269	35,975
COVID-19 Deaths 2020	265	4,306
COVID-19 Deaths as % of all Deaths 2020	11.7%	12.0%

\*Small counts are suppressed.

**Number of Persons Receiving Substance Use Treatment by Substance Type in Linn County and Iowa<sup>13</sup>**

	County		State	
	2022	2023	2022	2023
Total Persons Treated	1,382	1,387	17,703	17,609
Alcohol	648	685	7,597	7,645
Marijuana/Hashish	279	286	3,163	3,127
Methamphetamine	262	216	4,899	4,687
Other Substances	79	200	1,501	1,686

\*Small treatment counts are suppressed.

**Disability Characteristics, 2018-2022<sup>14</sup>**

	County		State	
	Estimate	MOE <sup>†</sup>	Estimate	MOE <sup>†</sup>
<b>Total Population</b>	227,377	+/-60	3,142,658	+/-508
With a Disability	10.7%	+/-0.6%	12.2%	+/-0.1%
Hearing	2.9%	+/-0.3%	3.8%	+/-0.1%
Vision	1.6%	+/-0.2%	1.9%	+/-0.1%
Cognitive	4.6%	+/-0.5%	4.9%	+/-0.1%
Ambulatory	4.8%	+/-0.3%	5.8%	+/-0.1%
Self care	1.7%	+/-0.2%	2.1%	+/-0.1%
Independent Living	4.7%	+/-0.4%	5.1%	+/-0.1%
<b>Ages 18-64</b>	138,379	+/-152	1,878,854	+/-1,559
With a Disability	8.5%	NA	7.2%	NA
Hearing	1.3%	+/-0.2%	2.1%	+/-0.1%
Vision	1.1%	+/-0.2%	1.6%	+/-0.1%
Cognitive	4.1%	+/-0.5%	4.7%	+/-0.1%
Ambulatory	3%	+/-0.4%	3.9%	+/-0.1%
Self care	1.1%	+/-0.2%	1.5%	+/-0.1%
Independent Living	3.2%	+/-0.4%	3.5%	+/-0.1%
<b>Ages 65-74</b>	21,612	+/-173	316,485	+/-730
With a Disability	17.5%	+/-2.1%	22%	+/-0.5%
Hearing	6.5%	+/-1%	9.3%	+/-0.3%
Vision	2.9%	+/-0.9%	3.2%	+/-0.2%
Cognitive	3.2%	+/-0.8%	3.9%	+/-0.2%
Ambulatory	10.6%	+/-1.7%	11.9%	+/-0.4%
Self care	2.6%	+/-0.6%	3.1%	+/-0.2%
Independent Living	4.6%	+/-1.2%	5.5%	+/-0.2%
<b>Ages 75 and above</b>	15,298	+/-170	218,340	+/-720
With a Disability	40.5%	+/-3.3%	43.3%	+/-0.6%
Hearing	21%	+/-2.8%	21.8%	+/-0.5%
Vision	7.2%	+/-1.7%	7.2%	+/-0.4%
Cognitive	9%	+/-1.9%	9.1%	+/-0.4%
Ambulatory	23.1%	+/-2.6%	25.4%	+/-0.6%
Self care	6.9%	+/-1.4%	8.5%	+/-0.3%
Independent Living	17.9%	+/-2.1%	18.2%	+/-0.5%

**Educational Attainment, 2018-2022<sup>14</sup>**

	County		State	
	Estimate	MOE <sup>†</sup>	Estimate	MOE <sup>†</sup>
Population 25 and older	155,869	+/-62	2,131,202	+/-967
High School Graduate or Higher	95%	+/-0.5%	93%	+/-0.1%
Bachelor's Degree or Higher	34.6%	+/-1.2%	30.3%	+/-0.3%

**Percentage of Population by Age<sup>15</sup>**

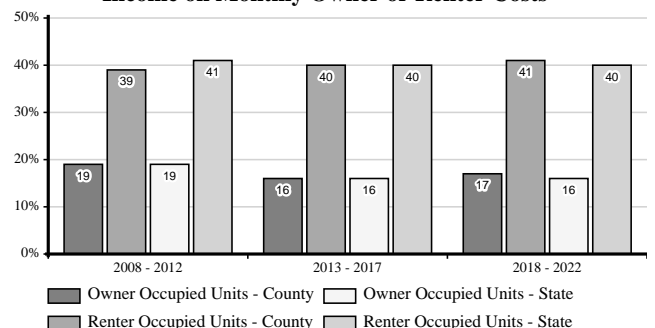
Age Groups	County		State	
	2010	2020	2010	2020
17 or younger	24.5%	23.2%	23.9%	23.2%
18 - 24	9.8%	9.5%	10.0%	9.8%
25 - 44	26.8%	26.3%	24.5%	24.6%
45 - 64	25.9%	24.5%	26.7%	24.5%
65 or older	13.0%	16.5%	14.9%	18.0%
65 - 84	11.0%	14.4%	12.4%	15.6%
85 or older	2.0%	2.2%	2.5%	2.4%
Median <sup>a</sup> age (years)	36.5	38.0	38.1	38.6
Age dependency <sup>b</sup>	60.1	65.8	63.4	69.9
Old-age	20.8	27.4	24.3	30.6
Child	39.3	38.5	39.1	39.4

**Percentage of Population by Race/Hispanic Origin<sup>15</sup>**

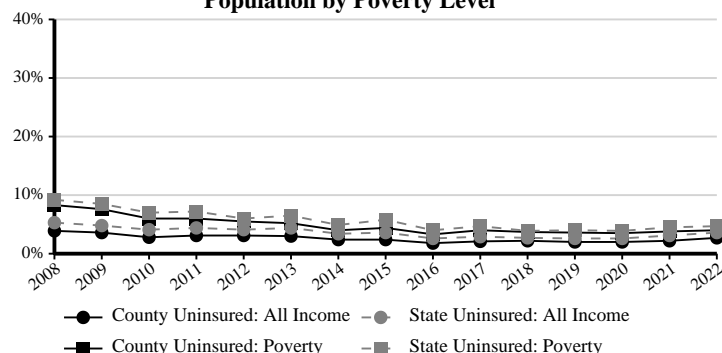
Race Groups	County		State	
	2010	2020	2010	2020
One race only	97.7%	94.0%	98.2%	94.4%
White	90.8%	82.8%	91.3%	84.5%
White alone, not Hispanic	89.3%	81.6%	88.7%	82.7%
Black or African American	4.0%	7.1%	2.9%	4.1%
Asian	1.8%	2.3%	1.7%	2.4%
American Indian	0.3%	0.2%	0.4%	0.5%
Hawaiian/Pacific Islander	0.1%	0.2%	0.1%	0.2%
Other	0.7%	1.3%	1.8%	2.8%
Two or more races	2.3%	6.0%	1.8%	5.6%
Hispanic origin <sup>a</sup>	2.6%	3.9%	5.0%	6.8%

<sup>a</sup>Hispanics can be of any race.

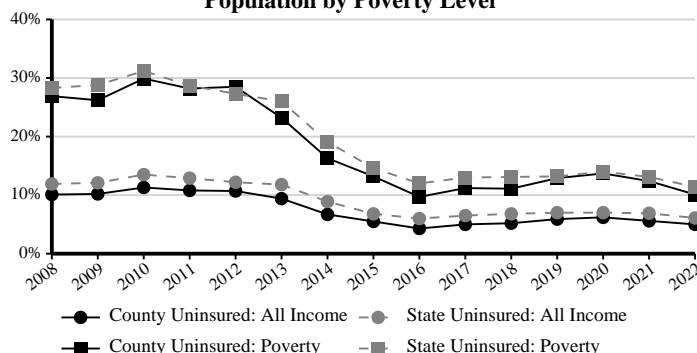
**Percent of Households Spending 30% or More of Household Income on Monthly Owner or Renter Costs<sup>14</sup>**



**Ages 0-18 Percent Health Uninsured Population by Poverty Level<sup>16</sup>**



**Ages 18-64 Percent Health Uninsured Population by Poverty Level<sup>16</sup>**

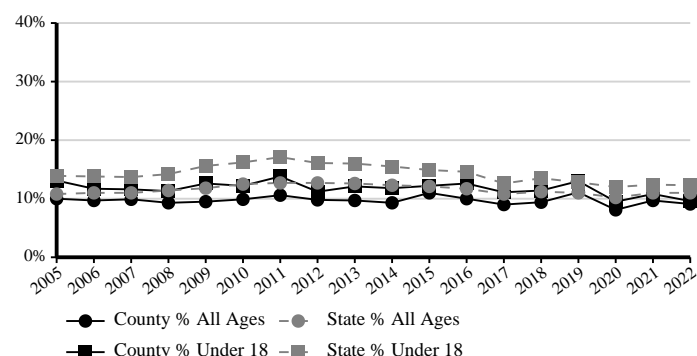


**Median<sup>a</sup> Household and Per Capita Income, 2018-2022<sup>14</sup>**

	County		State	
	Estimate	MOE <sup>†</sup>	Estimate	MOE <sup>†</sup>
Total Households	94,291	+/- 635	1,290,139	+/- 4,032
Median Household Income	\$75,457	+/- \$1,426	\$70,571	+/- \$395
Median Family Income	\$96,369	+/- \$2,755	\$90,921	+/- \$579
Per Capita Income	\$41,446	+/- \$1,147	\$37,949	+/- \$241

<sup>†</sup>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 Age<sup>17</sup>**



## Information in this document was derived from:

<sup>1</sup>County Health Rankings and Roadmaps:

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

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

<sup>3</sup>Iowa Dept of Transportation, Iowa Crash Analysis Tool:

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

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

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

[https://uiowa.qualtrics.com/jfe/form/SV\\_6G7RizLRVgVf1C6](https://uiowa.qualtrics.com/jfe/form/SV_6G7RizLRVgVf1C6)

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

<sup>7</sup>Feeding America, Map the Meal Gap, requested data:

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

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

<sup>8</sup>Iowa 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](https://data.iowa.gov/Economic-Supports/Total-Food-Assistance-Allotments-and-Average-House/vhhz-nz4t/about_data)

<sup>9</sup>Iowa 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/>

<sup>10</sup>Centers 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/>

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

<sup>12</sup>U.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>

<sup>13</sup>Iowa 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>

<sup>14</sup>American Community Survey, 5-year estimates, U.S. Census Bureau:

<https://www.census.gov/>

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

<sup>16</sup>Small Area Health Insurance Estimates, U.S. Census Bureau:

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

<sup>17</sup>Small Area Income and Poverty Estimates, U.S. Census Bureau:

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

<sup>a</sup>Median is the middle value of a distribution.

<sup>b</sup>The 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.

## This series was prepared by:

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