



## Iowa Community Health Snapshot Series

*275 community reports prepared for the Iowa State University  
Extension and Outreach Community and Economic  
Development Unit*



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*By Matthew Voss & Shawn Dorius*

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# Iowa Community Health Snapshot Series

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# Health in Logan: Overview

Dear Community Members & Stakeholders of Logan,

We are pleased to share the Iowa Community Health Snapshot series, a set of reports designed in partnership with Iowa State University's Community Economic Development to assess the overall landscape of health and well-being across Iowa. The following pages include the health snapshot for your community. The snapshot can be used to see how Logan ranks across various health measures compared to the rest of the state and similarly-sized communities. This comparison allows us to identify Logan's strengths and opportunities for growth by leveraging the Centers for Disease Control and Prevention PLACES dataset.

The report includes 37 health measures organized topically by general health status, risky behavior, health outcomes, prevention, and disability. We provide a general overview of each health topic, followed by a description of each health measure. Health measure descriptions include crude and age-adjusted rates and a ranking that tells you how your community ranks compared to all Iowa communities and communities of similar size to Logan. Crude rates tell you the raw, un-adjusted percent of the population experiencing the health measure. Age-adjusted rates account for the age distribution present in your community and presents what the rate would be if your community had a standard age distribution. Crude rates can provide a general comparison between communities and age-adjusted rates can give a fairer comparison between communities with different age structures.

## Strengths

Take a look at the top strengths of your community! Below are unadjusted and age-adjusted health measures that represent your community's strengths. We recommend using continued investment in these areas to maintain them as strengths, as well as building on them to improve in other health domains.

Crude			Age-Adjusted		
Health Domain	Statewide Community Rank	Small Community Rank	Health Domain	Statewide Community Rank	Small Community Rank
Core preventive services for older men	233rd	35th	Cancer (except skin)	74th	4th
Diabetes	258th	44th	Core preventive services for older men	194th	29th
COPD	306th	50th	Taking BP Medication	251st	36th
Dental Visit	311th	56th	Dental Visit	269th	52nd
Self-care Disability	320th	52nd	Cholesterol Screening	318th	59th

## Opportunities

Below are health measures that represent potential areas for growth in your community. We recommend increasing investment in these areas to support community health and well-being.

Crude			Age-Adjusted		
Health Domain	Statewide Community Rank	Small Community Rank	Health Domain	Statewide Community Rank	Small Community Rank
Mammography	839th	121st	Depression	702nd	107th
Core preventive services for older women	774th	103rd	Mammography	695th	110th
Depression	756th	114th	Core preventive services for older women	634th	108th
Colorectal Cancer Screening	752nd	128th	High Cholesterol	634th	103rd
Sleep <7 hours	690th	109th	Sleep <7 hours	613th	100th

Please review the rest of the report to learn more about your community and reach out to us with questions about the report or for recommendations to improve the overall health and well-being in Logan.

Sincerely,



*Shawn F. Dorius, PhD  
Iowa State University  
Public Science Collaborative*



**IOWA STATE UNIVERSITY**  
Extension and Outreach  
Community and Economic Development

This project was supported by funding from Iowa State University's Extension and Outreach Community and Economic Development Unit, via an award from Iowa State University's Presidential Strategic Initiative Plan 2022-2031.

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## How to Use this Report

The purpose of the Iowa Community Health Snapshot Series is to provide an overview of health in Logan that can be used to help inform health-related interventions and programming. This report contains five sections, including the overall health status of Logan, a review of risky behaviors in the community, and information on various health outcomes, prevention measures, and disability needs. Each section includes an overview of the health domain, a breakdown of its underlying health measures, and data to see how Logan compares to the rest of the state and similarly-sized communities.

With a population of 1,437, Logan’s similarly sized communities are defined as small communities. In Iowa, small communities have an average population of 1,553, and there are 138 communities that are considered small communities. To see all of the communities in this population group, please see Appendix 3 of this report.

Group	Population Range	Number of Communities
Large	50,000+	11
Mid-Large	10,000-49,999	31
Midsized	2,500-9,999	102
Small	1,000-2,499	138
Very Small	0-999	676
Total		958

Using Ames, IA as an Example

The graphic below is an example of the details included for each health measure. The table in the upper right shows your community’s crude and age-adjusted rate estimates alongside their averages across all Iowa communities and similarly-sized communities. The images below show the distribution of the health measure across communities. The vertical lines correspond with the values in the table to show the estimate for the specific community compared to communities across the state. The solid black line in each plot represents the community rate, with the dashed lines indicating the average rate for all Iowa communities and the dotted lines showing the average rate for similarly-sized communities.



# Health Status

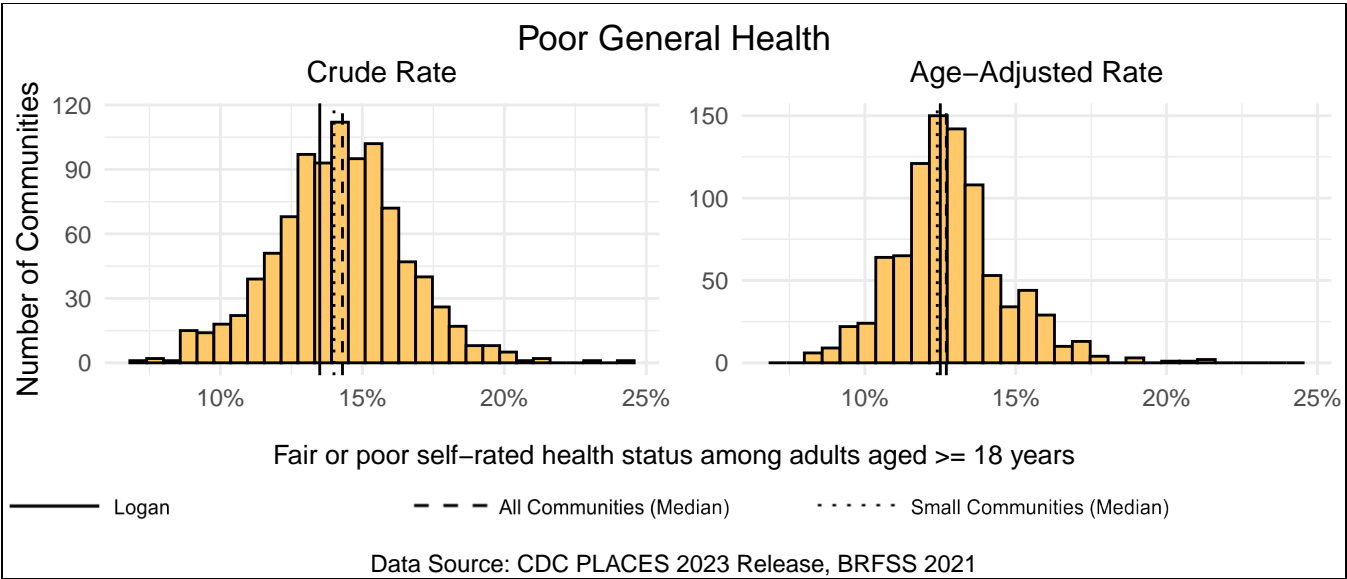
This section reflects measures for overall health, including general, physical, and mental health. These measures are a valuable way to see a simple summary of the health of a country’s population. The questions to calculate these measures ask respondents to evaluate their health status. General health is evaluated on a 5-point scale where respondents can report their health status as one of “excellent,” “very good,” “good,” “fair,” or “poor,” from which the respondents who answer “fair” or “poor” are included in the measure. Physical and mental health are evaluated as the rate of respondents who say they have had 14 or more days in the last 30 days in which their physical or mental health was not good. The URL below includes more information about each variable.

<https://www.cdc.gov/places/measure-definitions/health-status/index.html>

## Poor General Health

Logan has a crude rate of 13.5% for fair or poor self-rated health status among adults aged >= 18 years, which ranks 346th out of 958 Iowa communities (59th out of 138 small communities). The age-adjusted rate for Logan is 12.5%, which ranks 385th out of 905 Iowa communities (71st out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	13.5%	14.3%	14.0%
Age-Adjusted	12.5%	12.7%	12.4%

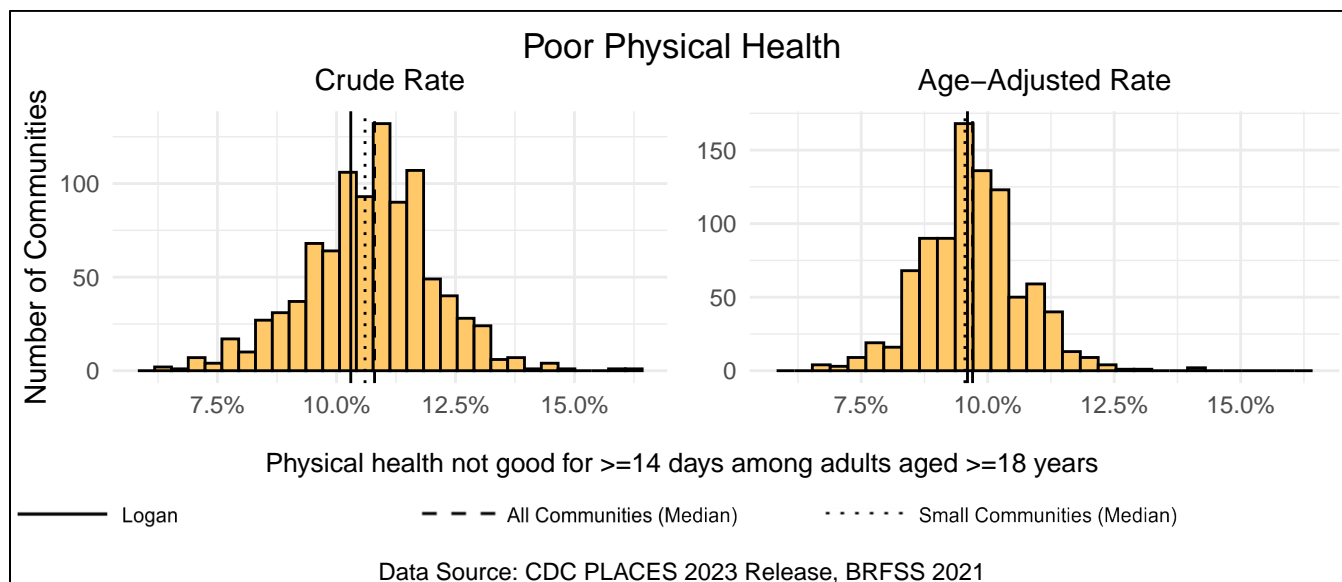




## Poor Physical Health

Logan has a crude rate of 10.3% for physical health not good for  $\geq 14$  days among adults aged  $\geq 18$  years, which ranks 323rd out of 958 Iowa communities (54th out of 138 small communities). The age-adjusted rate for Logan is 9.6%, which ranks 377th out of 905 Iowa communities (70th out of 138 small communities).

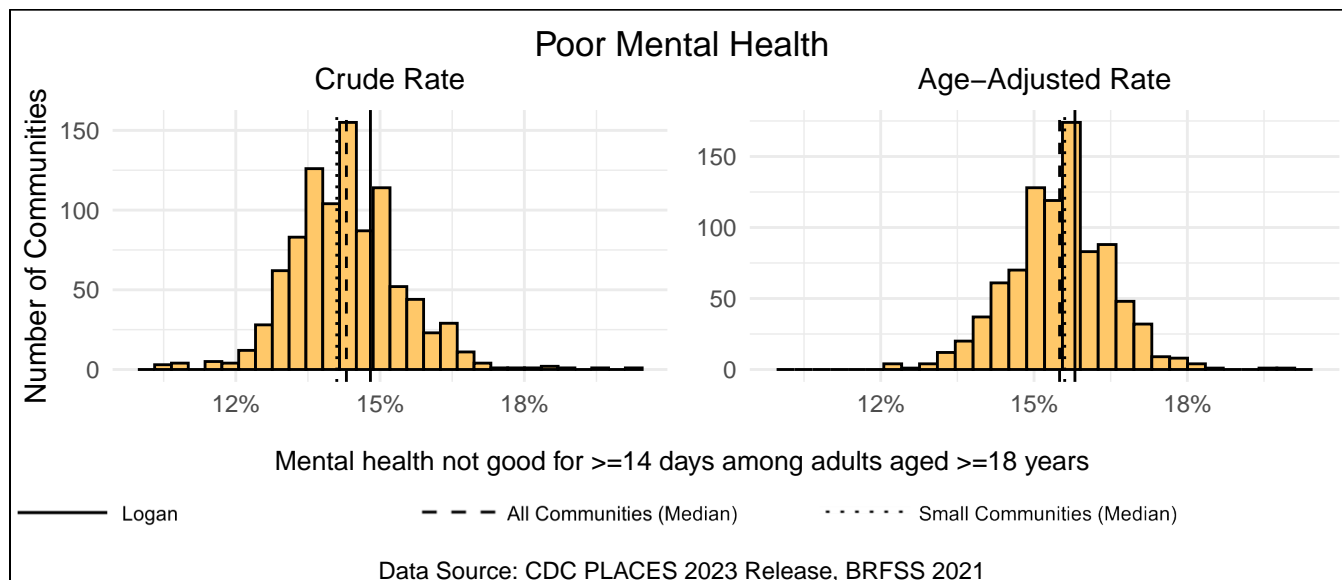
Measure Type	Logan	All Comm.	Small Comm.
Crude	10.3%	10.8%	10.6%
Age-Adjusted	9.6%	9.7%	9.6%



## Poor Mental Health

Logan has a crude rate of 14.8% for mental health not good for  $\geq 14$  days among adults aged  $\geq 18$  years, which ranks 646th out of 958 Iowa communities (107th out of 138 small communities). The age-adjusted rate for Logan is 15.8%, which ranks 555th out of 905 Iowa communities (84th out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	14.8%	14.3%	14.1%
Age-Adjusted	15.8%	15.5%	15.6%



# Health Risk Behaviors

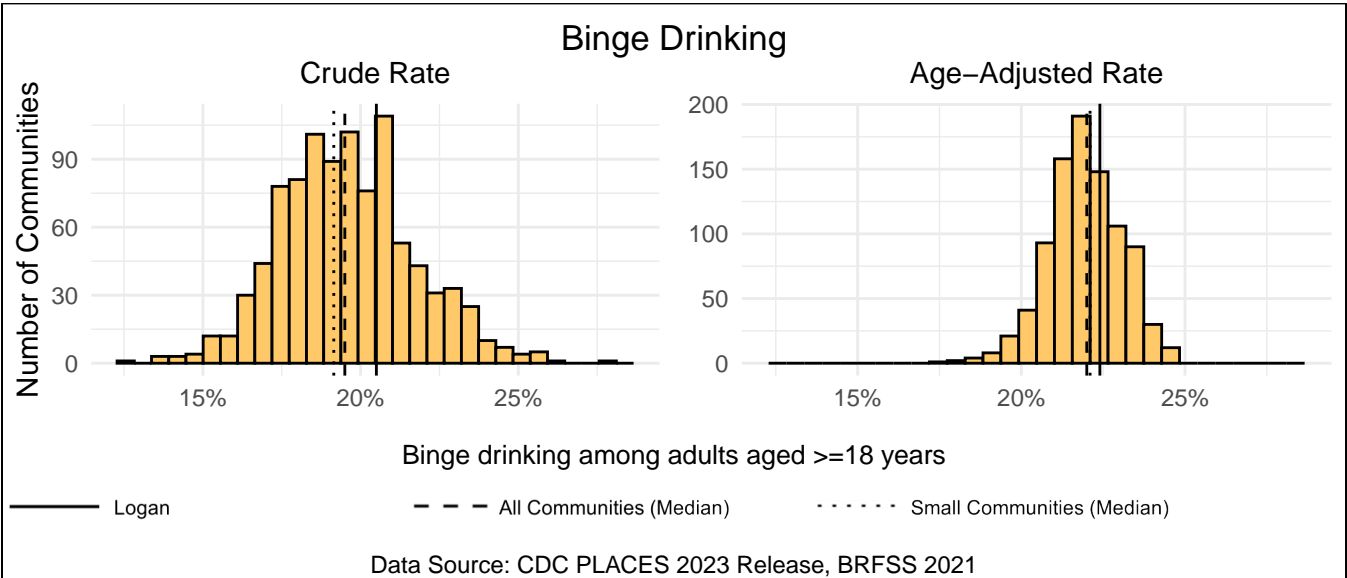
Health risk measures are measures of individual behaviors that can lead to poor health outcomes. These include binge drinking, current smoking, physical inactivity, and getting less than seven hours of nightly sleep. Risk behaviors are the most critical intervention points as they can help save lives and drastically improve health outcomes later in life. Each measure is calculated as the rate of respondents participating in a high level of risk behavior. The exact cutoff points for the behavior depend on the health area. The link below includes more information about each variable.

<https://www.cdc.gov/places/measure-definitions/unhealthy-behaviors/index.html>

## Binge Drinking

Logan has a crude rate of 20.5% for binge drinking among adults aged  $\geq 18$  years, which ranks 637th out of 958 Iowa communities (96th out of 138 small communities). The age-adjusted rate for Logan is 22.4%, which ranks 585th out of 905 Iowa communities (85th out of 138 small communities).

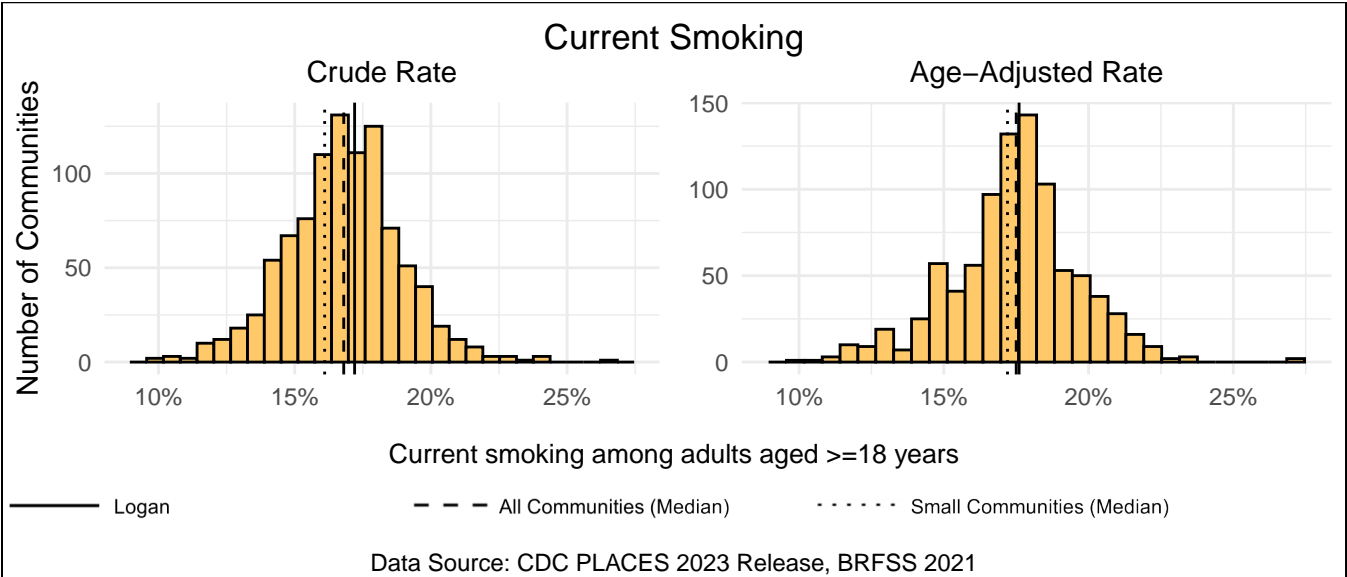
Measure Type	Logan	All Comm.	Small Comm.
Crude	20.5%	19.5%	19.1%
Age-Adjusted	22.4%	22.0%	22.1%



# Current Smoking

Logan has a crude rate of 17.2% for current smoking among adults aged  $\geq 18$  years, which ranks 555th out of 958 Iowa communities (105th out of 138 small communities). The age-adjusted rate for Logan is 17.6%, which ranks 459th out of 905 Iowa communities (81st out of 138 small communities).

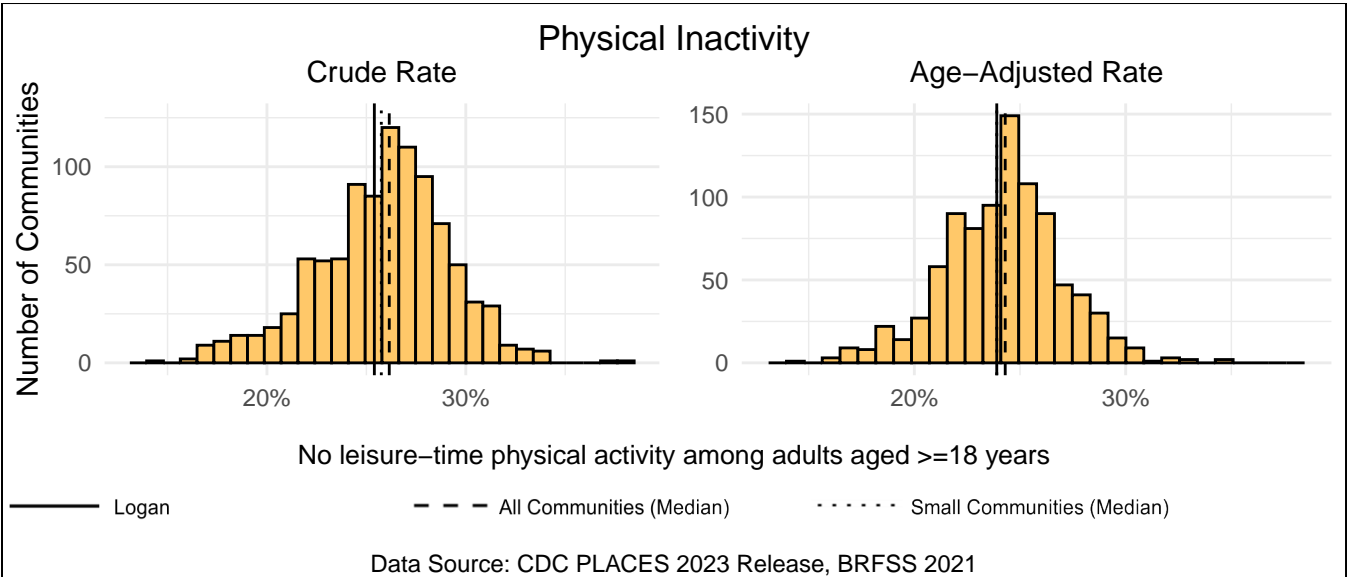
Measure Type	Logan	All Comm.	Small Comm.
Crude	17.2%	16.8%	16.1%
Age-Adjusted	17.6%	17.5%	17.2%



# Physical Inactivity

Logan has a crude rate of 25.4% for no leisure-time physical activity among adults aged  $\geq 18$  years, which ranks 396th out of 958 Iowa communities (64th out of 138 small communities). The age-adjusted rate for Logan is 23.9%, which ranks 381st out of 905 Iowa communities (69th out of 138 small communities).

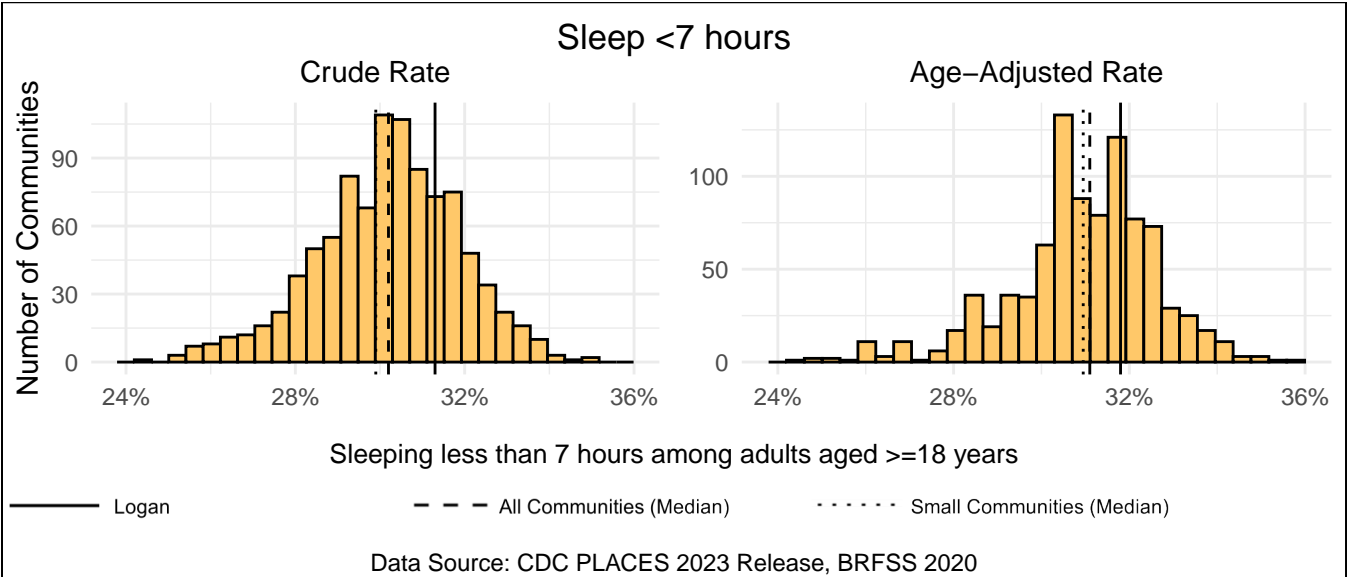
Measure Type	Logan	All Comm.	Small Comm.
Crude	25.4%	26.1%	25.8%
Age-Adjusted	23.9%	24.3%	23.9%



### Sleep <7 hours

Logan has a crude rate of 31.3% for sleeping less than 7 hours among adults aged  $\geq 18$  years, which ranks 690th out of 958 Iowa communities (109th out of 138 small communities). The age-adjusted rate for Logan is 31.8%, which ranks 613th out of 905 Iowa communities (100th out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	31.3%	30.2%	29.9%
Age-Adjusted	31.8%	31.1%	31.0%



# Health Outcomes

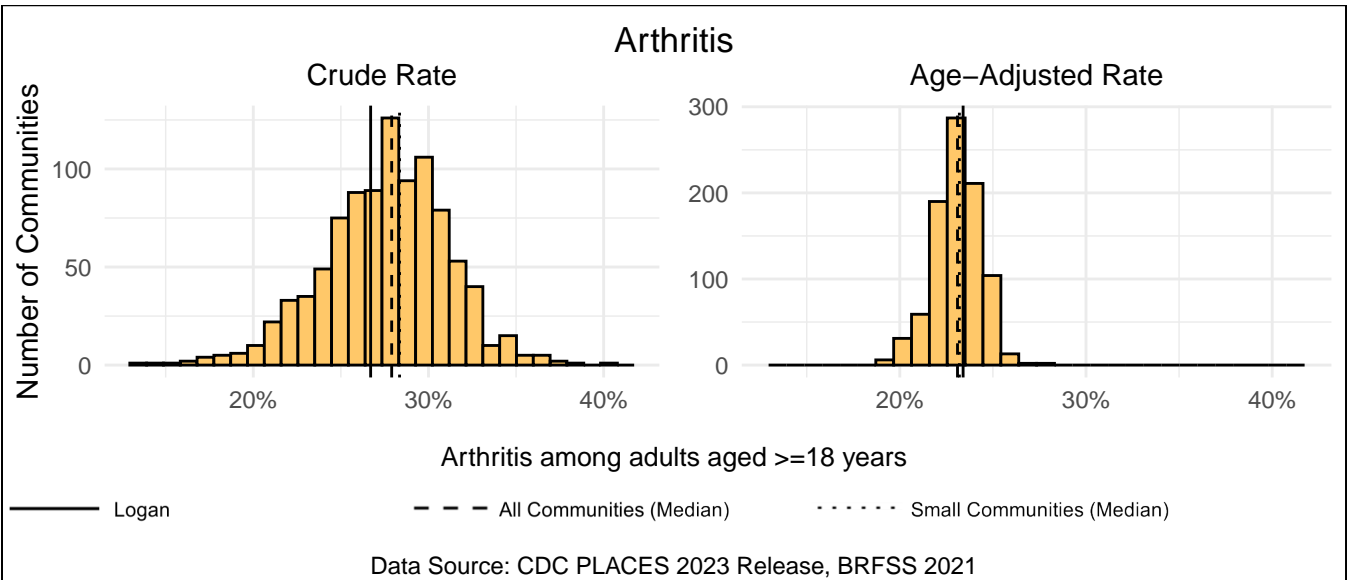
This section includes measures about specific health outcomes such as chronic illness, mental health conditions, and risk factors for future disease. Health outcome measures include but are not limited to arthritis, high blood pressure, cancer, depression, and obesity. Each measure is the percentage of respondents reporting receiving the diagnosis by a doctor, nurse, or other health professional. The link below includes more information about each variable.

<https://www.cdc.gov/places/measure-definitions/health-outcomes/index.html>

## Arthritis

Logan has a crude rate of 26.7% for arthritis among adults aged  $\geq 18$  years, which ranks 355th out of 958 Iowa communities (47th out of 138 small communities). The age-adjusted rate for Logan is 23.4%, which ranks 525th out of 905 Iowa communities (78th out of 138 small communities).

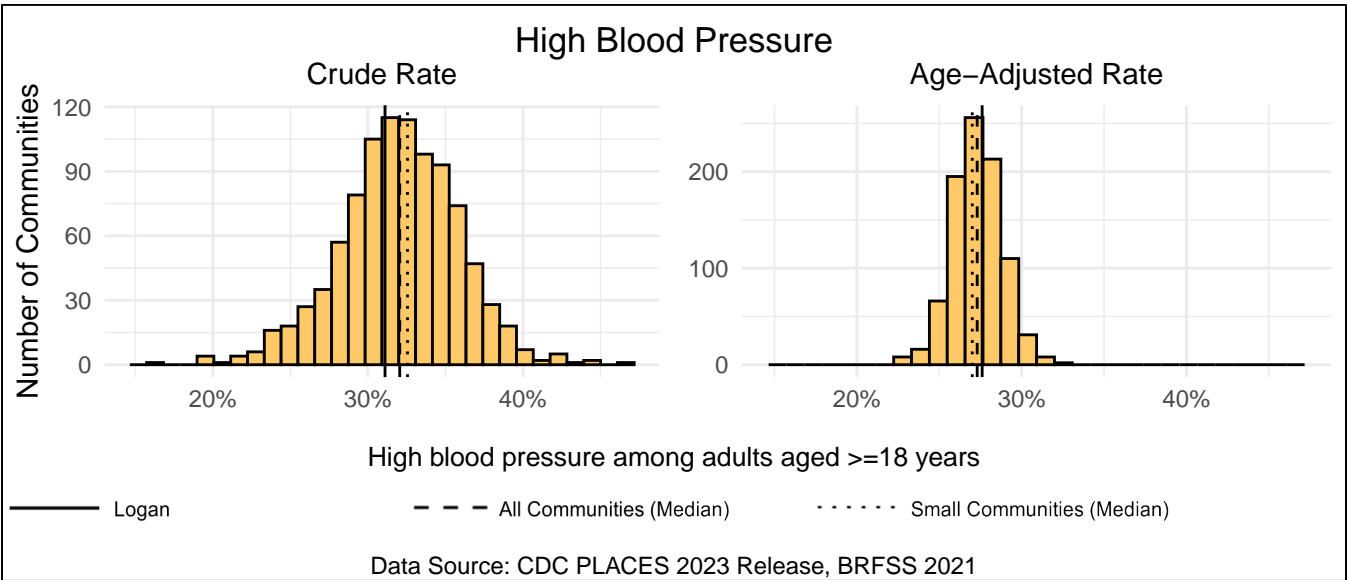
Measure Type	Logan	All Comm.	Small Comm.
Crude	26.7%	27.9%	28.4%
Age-Adjusted	23.4%	23.1%	23.2%



## High Blood Pressure

Logan has a crude rate of 31.1% for high blood pressure among adults aged  $\geq 18$  years, which ranks 362nd out of 958 Iowa communities (49th out of 138 small communities). The age-adjusted rate for Logan is 27.6%, which ranks 517th out of 905 Iowa communities (87th out of 138 small communities).

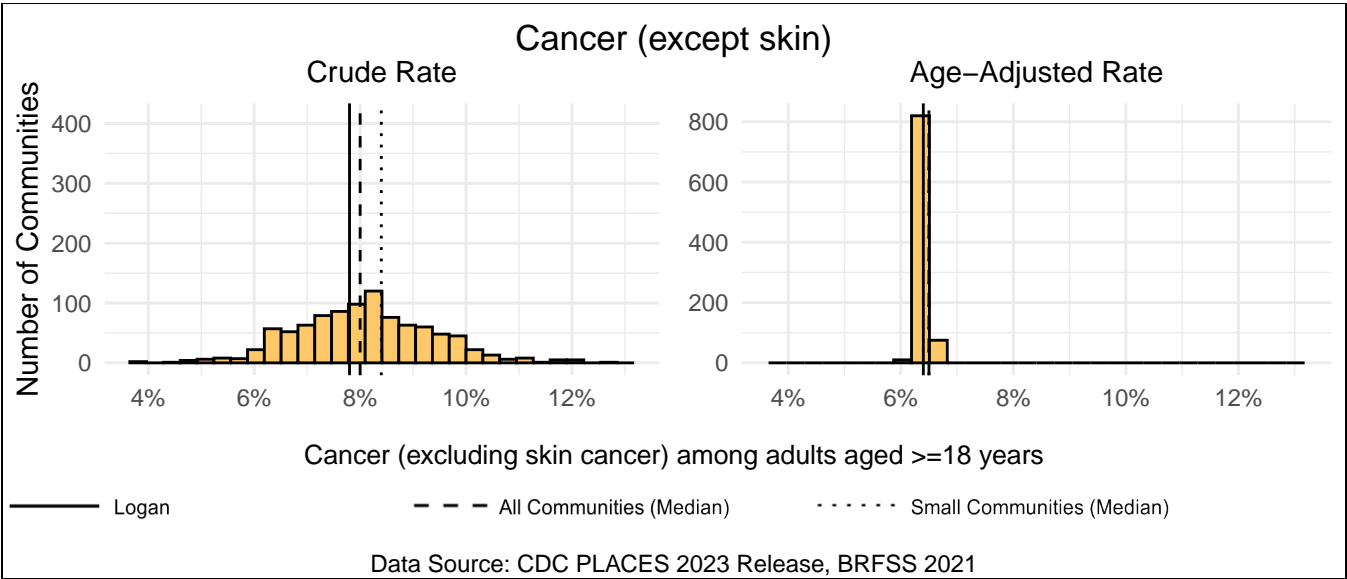
Measure Type	Logan	All Comm.	Small Comm.
Crude	31.1%	32.0%	32.5%
Age-Adjusted	27.6%	27.3%	27.0%



## Cancer (except skin)

Logan has a crude rate of 7.8% for cancer (excluding skin cancer) among adults aged  $\geq 18$  years, which ranks 388th out of 958 Iowa communities (42nd out of 138 small communities). The age-adjusted rate for Logan is 6.4%, which ranks 74th out of 905 Iowa communities (4th out of 138 small communities).

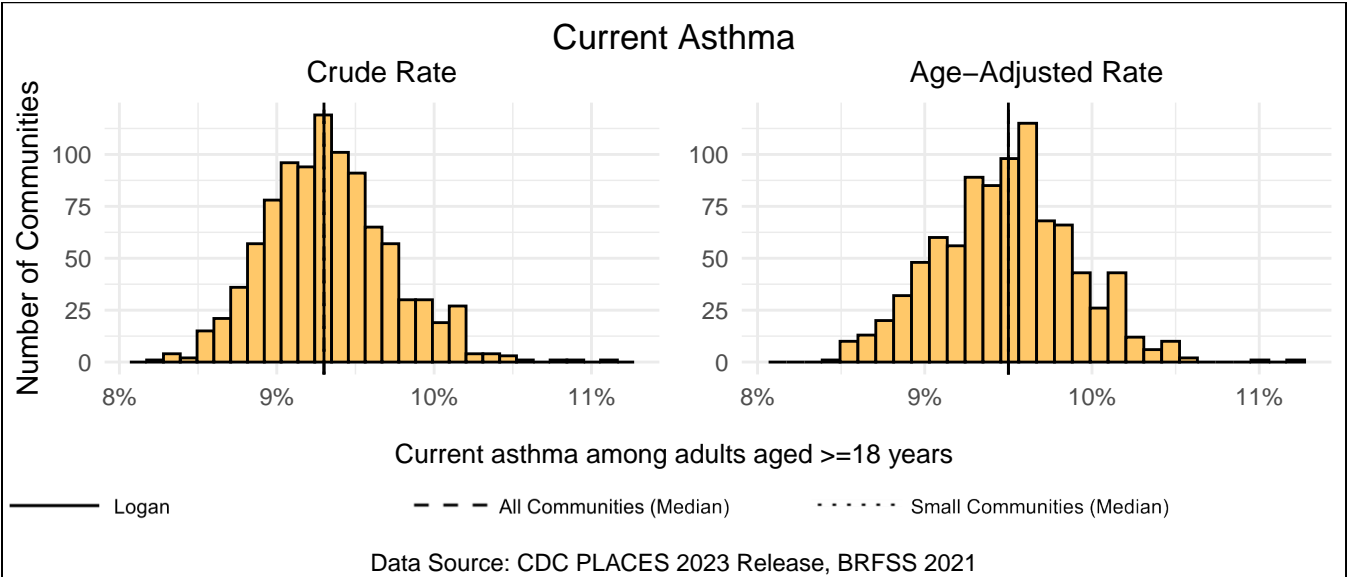
Measure Type	Logan	All Comm.	Small Comm.
Crude	7.8%	8.0%	8.4%
Age-Adjusted	6.4%	6.5%	6.5%



# Current Asthma

Logan has a crude rate of 9.3% for current asthma among adults aged  $\geq 18$  years, which ranks 405th out of 958 Iowa communities (63rd out of 138 small communities). The age-adjusted rate for Logan is 9.5%, which ranks 415th out of 905 Iowa communities (54th out of 138 small communities).

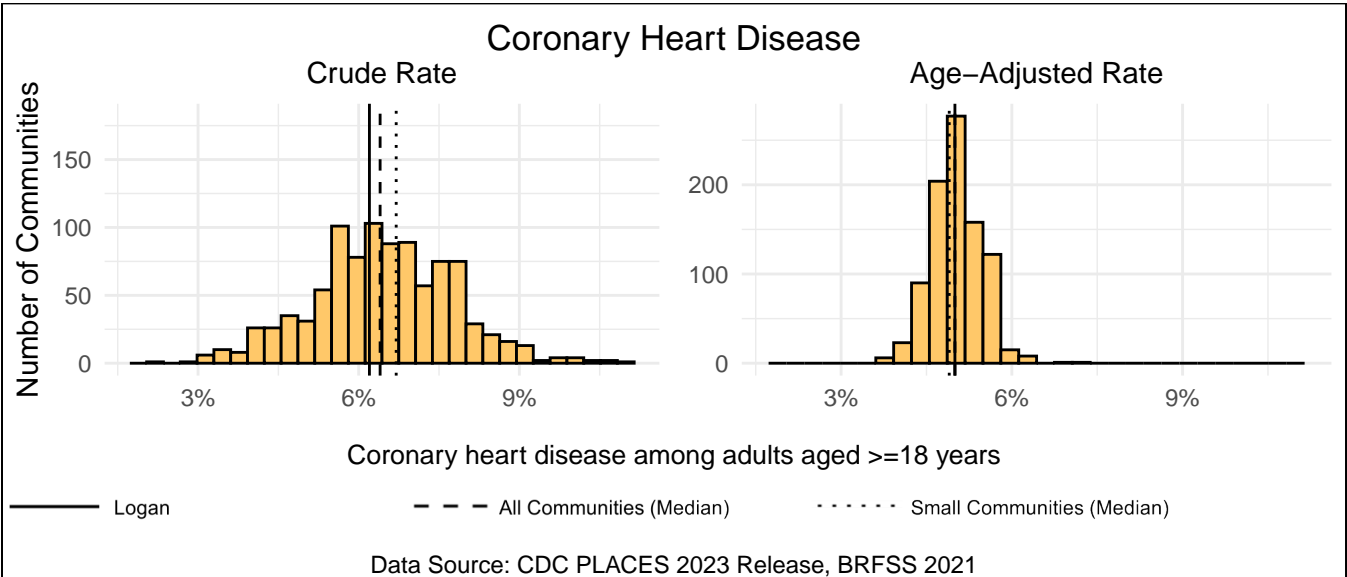
Measure Type	Logan	All Comm.	Small Comm.
Crude	9.3%	9.3%	9.3%
Age-Adjusted	9.5%	9.5%	9.5%



# Coronary Heart Disease

Logan has a crude rate of 6.2% for coronary heart disease among adults aged  $\geq 18$  years, which ranks 378th out of 958 Iowa communities (53rd out of 138 small communities). The age-adjusted rate for Logan is 5.0%, which ranks 419th out of 905 Iowa communities (85th out of 138 small communities).

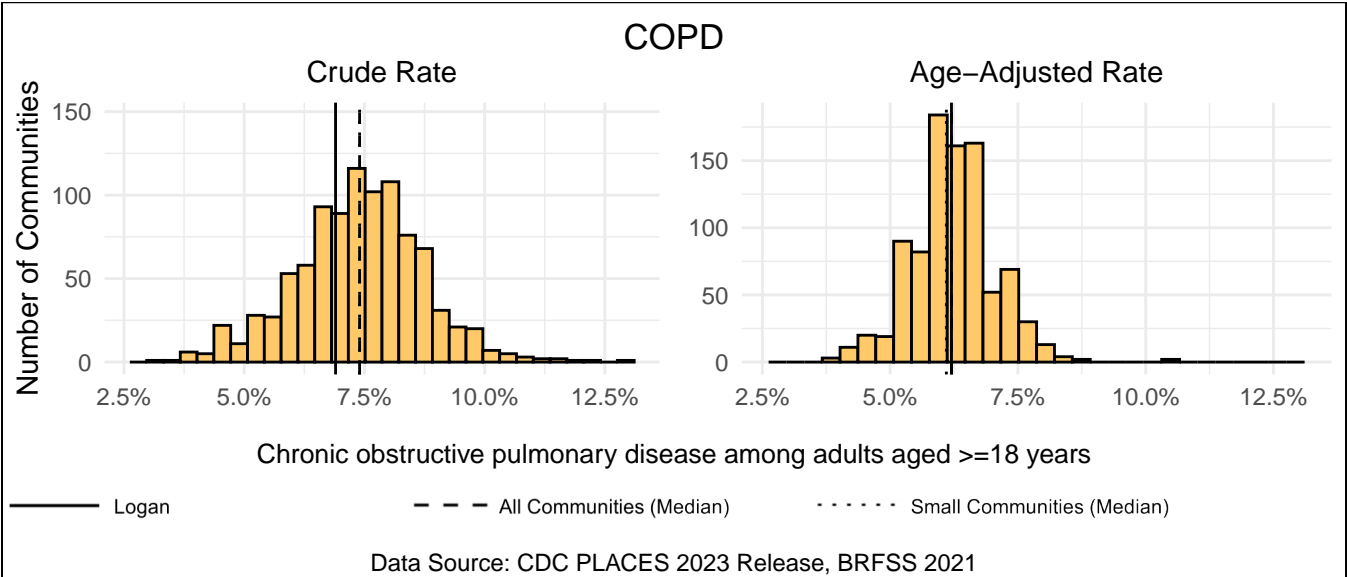
Measure Type	Logan	All Comm.	Small Comm.
Crude	6.2%	6.4%	6.7%
Age-Adjusted	5.0%	5.0%	4.9%



# COPD

Logan has a crude rate of 6.9% for chronic obstructive pulmonary disease among adults aged  $\geq 18$  years, which ranks 306th out of 958 Iowa communities (50th out of 138 small communities). The age-adjusted rate for Logan is 6.2%, which ranks 410th out of 905 Iowa communities (74th out of 138 small communities).

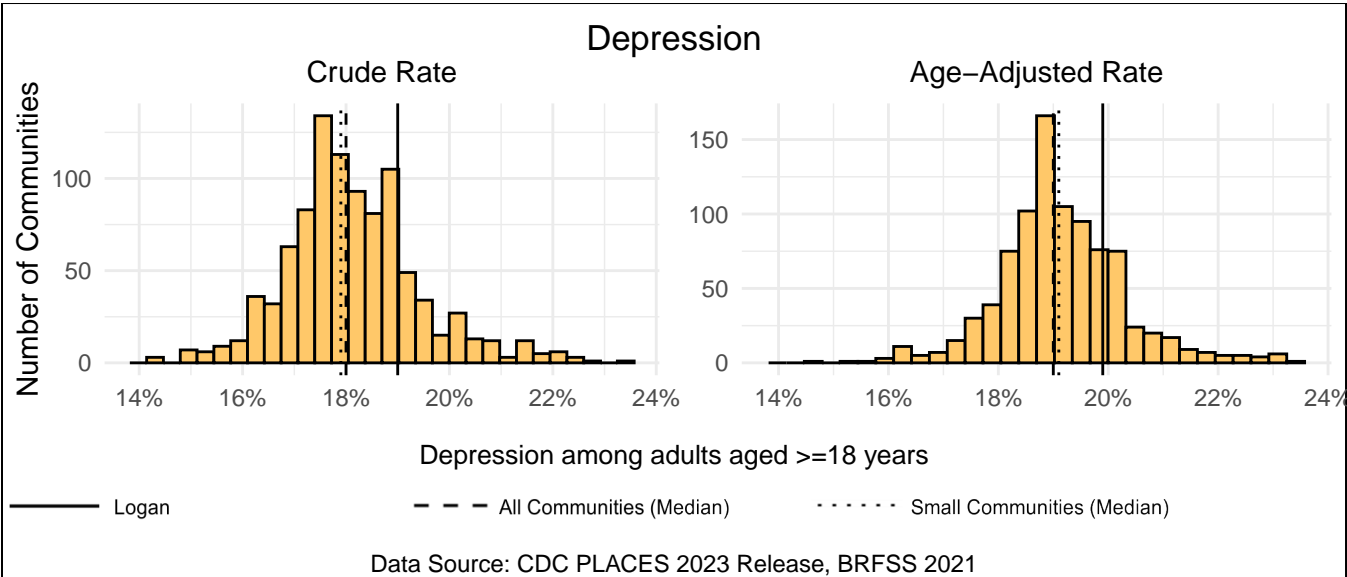
Measure Type	Logan	All Comm.	Small Comm.
Crude	6.9%	7.4%	7.4%
Age-Adjusted	6.2%	6.2%	6.1%



# Depression

Logan has a crude rate of 19.0% for depression among adults aged  $\geq 18$  years, which ranks 756th out of 958 Iowa communities (114th out of 138 small communities). The age-adjusted rate for Logan is 19.9%, which ranks 702nd out of 905 Iowa communities (107th out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	19.0%	18.0%	17.9%
Age-Adjusted	19.9%	19.0%	19.1%

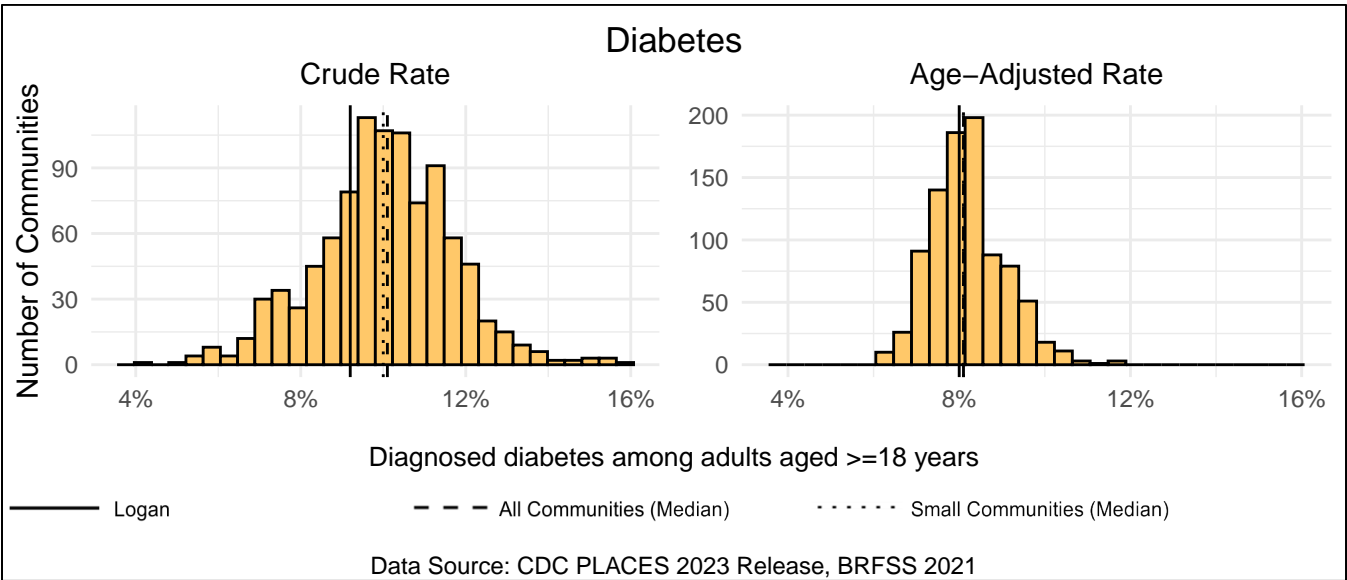




# Diabetes

Logan has a crude rate of 9.2% for diagnosed diabetes among adults aged  $\geq 18$  years, which ranks 258th out of 958 Iowa communities (44th out of 138 small communities). The age-adjusted rate for Logan is 8.0%, which ranks 347th out of 905 Iowa communities (61st out of 138 small communities).

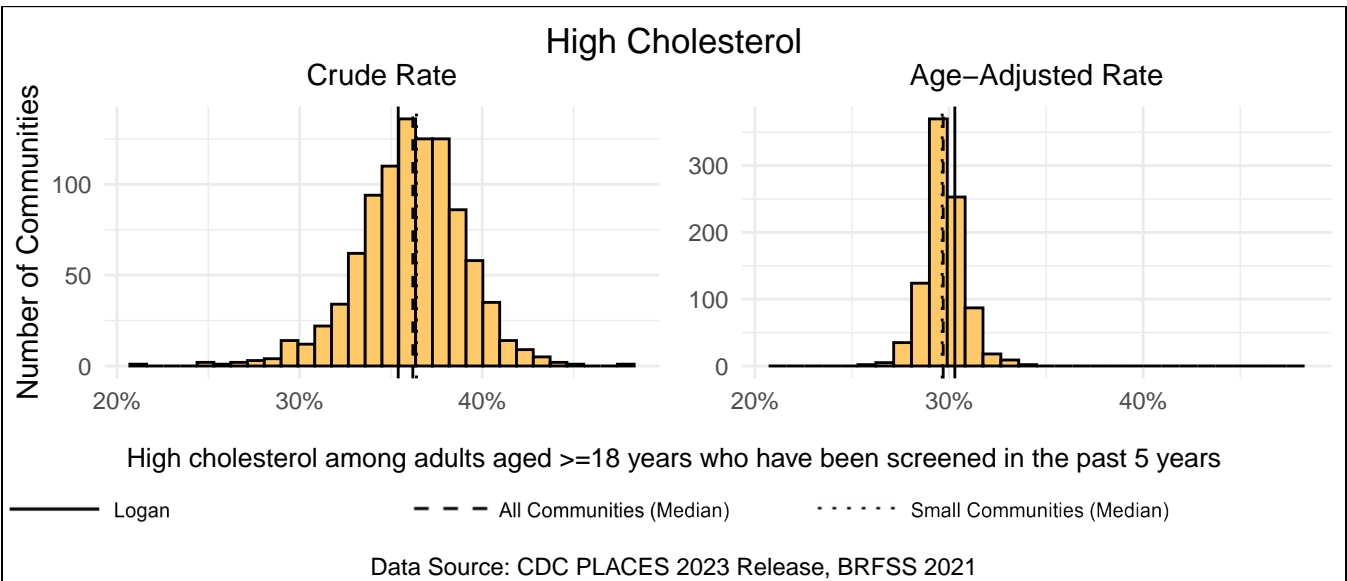
Measure Type	Logan	All Comm.	Small Comm.
Crude	9.2%	10.1%	10.0%
Age-Adjusted	8.0%	8.1%	8.1%



# High Cholesterol

Logan has a crude rate of 35.4% for high cholesterol among adults aged  $\geq 18$  years who have been screened in the past 5 years, which ranks 349th out of 958 Iowa communities (46th out of 138 small communities). The age-adjusted rate for Logan is 30.3%, which ranks 634th out of 905 Iowa communities (103rd out of 138 small communities).

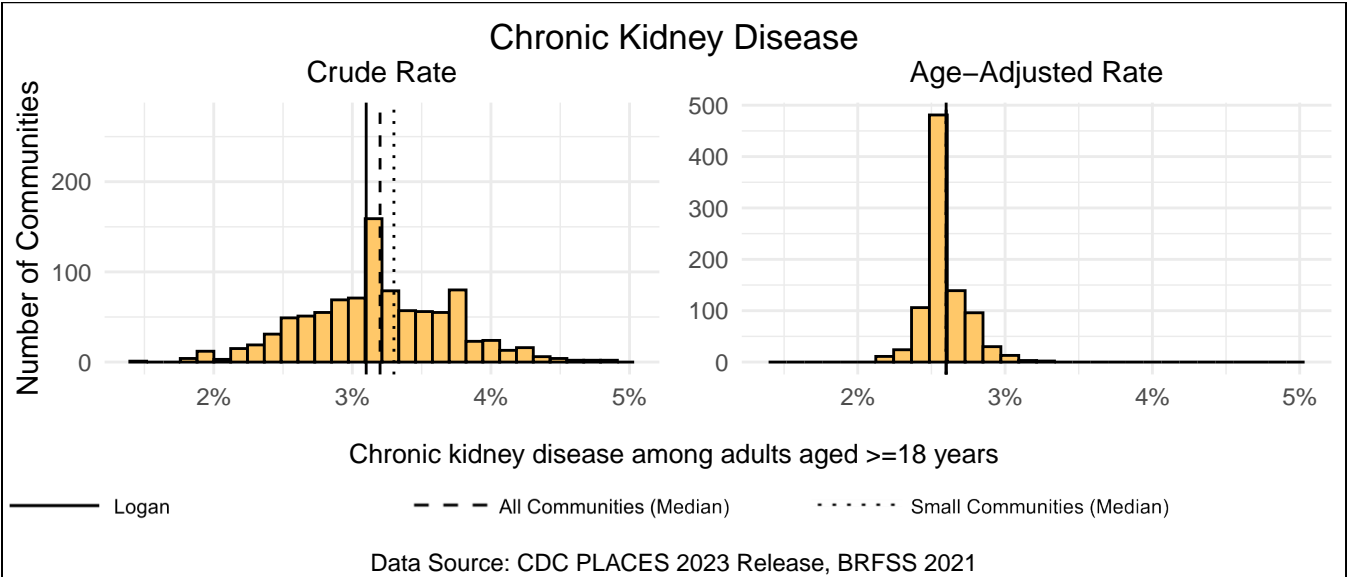
Measure Type	Logan	All Comm.	Small Comm.
Crude	35.4%	36.2%	36.4%
Age-Adjusted	30.3%	29.7%	29.6%



## Chronic Kidney Disease

Logan has a crude rate of 3.1% for chronic kidney disease among adults aged  $\geq 18$  years, which ranks 381st out of 958 Iowa communities (48th out of 138 small communities). The age-adjusted rate for Logan is 2.6%, which ranks 349th out of 905 Iowa communities (65th out of 138 small communities).

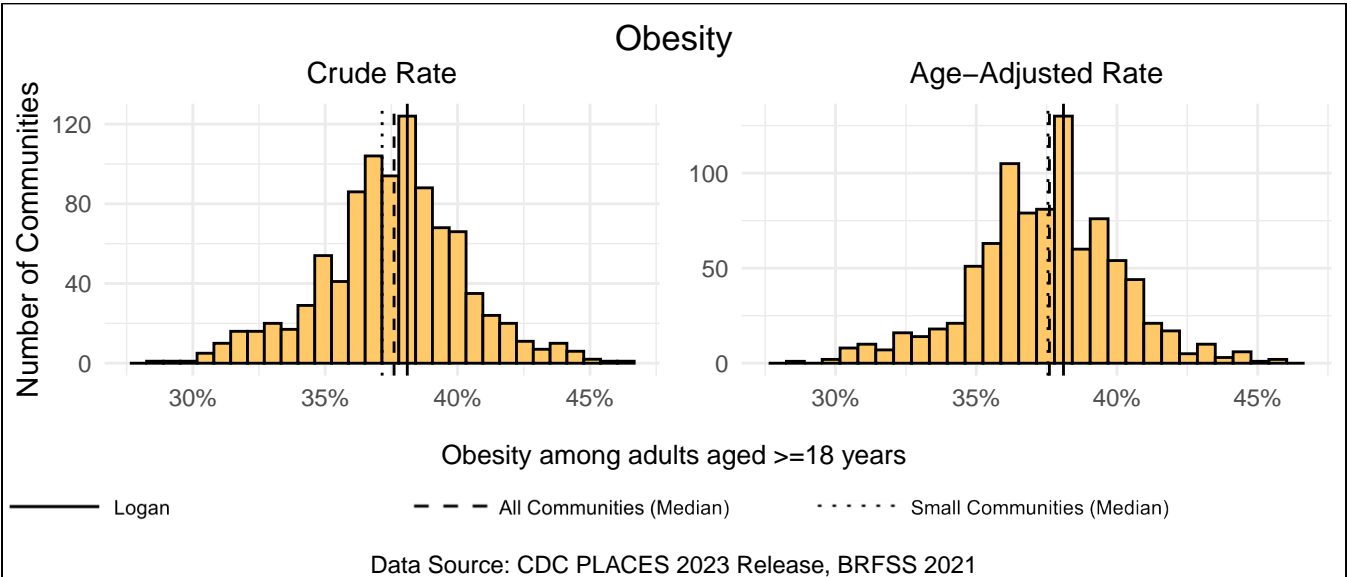
Measure Type	Logan	All Comm.	Small Comm.
Crude	3.1%	3.2%	3.3%
Age-Adjusted	2.6%	2.6%	2.6%



## Obesity

Logan has a crude rate of 38.1% for obesity among adults aged  $\geq 18$  years, which ranks 552nd out of 958 Iowa communities (93rd out of 138 small communities). The age-adjusted rate for Logan is 38.1%, which ranks 530th out of 905 Iowa communities (85th out of 138 small communities).

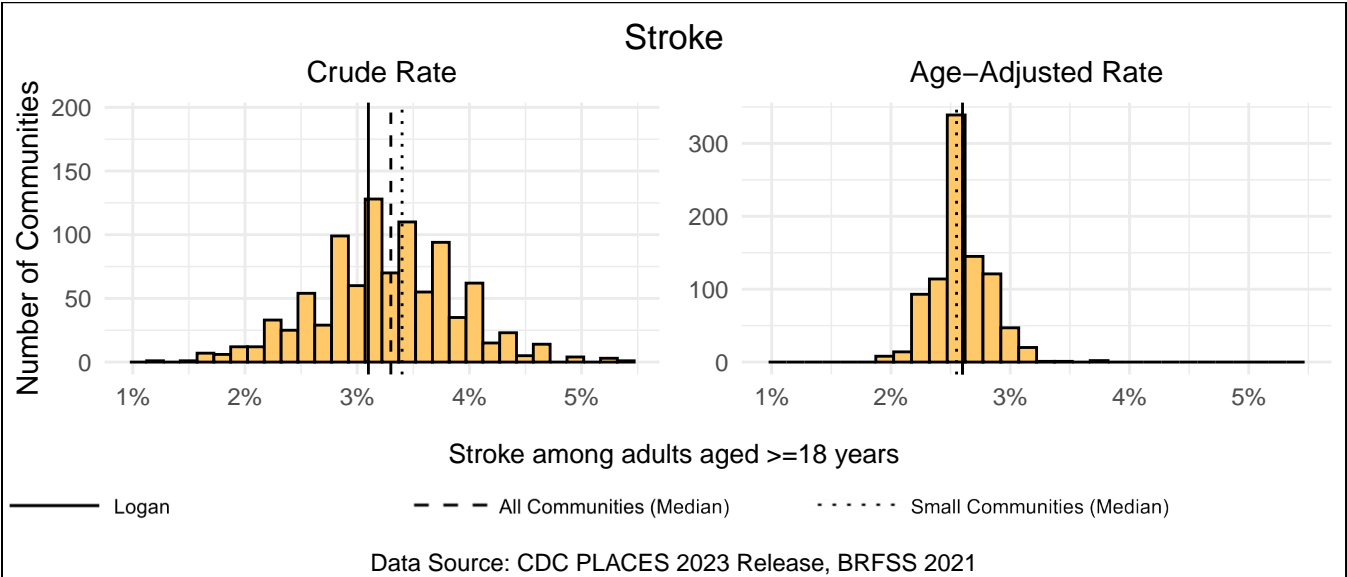
Measure Type	Logan	All Comm.	Small Comm.
Crude	38.1%	37.6%	37.2%
Age-Adjusted	38.1%	37.6%	37.5%



# Stroke

Logan has a crude rate of 3.1% for stroke among adults aged  $\geq 18$  years, which ranks 340th out of 958 Iowa communities (48th out of 138 small communities). The age-adjusted rate for Logan is 2.6%, which ranks 375th out of 905 Iowa communities (70th out of 138 small communities).

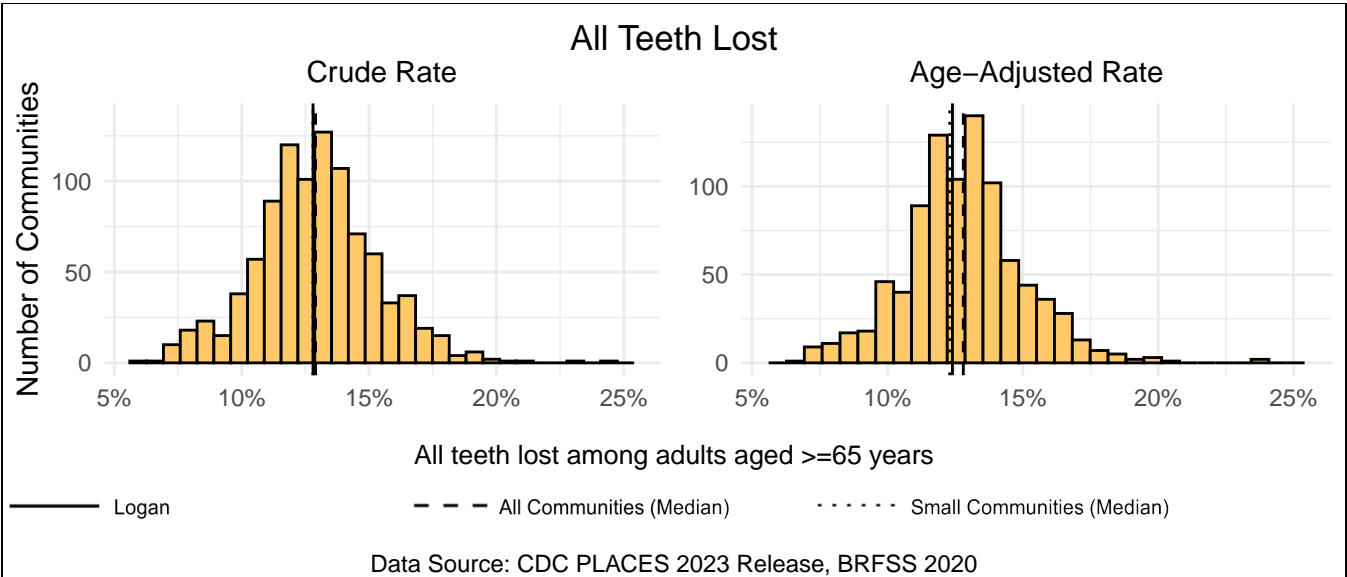
Measure Type	Logan	All Comm.	Small Comm.
Crude	3.1%	3.3%	3.4%
Age-Adjusted	2.6%	2.6%	2.5%



# All Teeth Lost

Logan has a crude rate of 12.8% for all teeth lost among adults aged  $\geq 65$  years, which ranks 452nd out of 958 Iowa communities (68th out of 138 small communities). The age-adjusted rate for Logan is 12.4%, which ranks 374th out of 905 Iowa communities (71st out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	12.8%	12.9%	12.8%
Age-Adjusted	12.4%	12.8%	12.3%



# Prevention

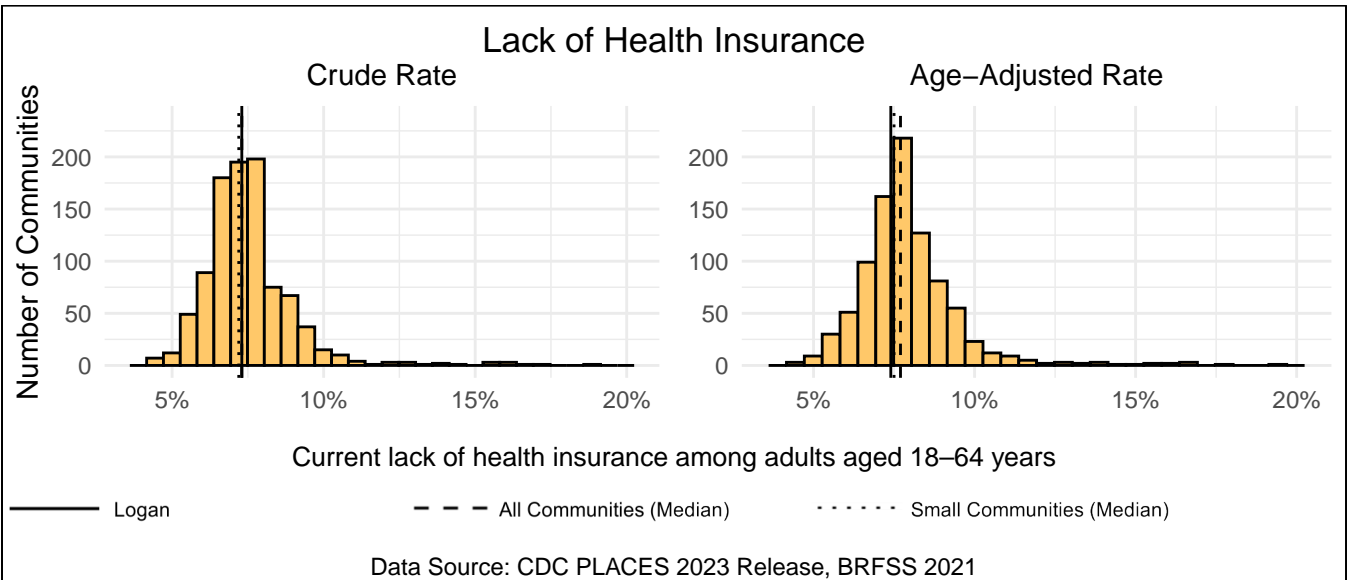
Preventive measures are another practical intervention point for public health professionals as they allow for the early detection of health conditions and improve overall treatment efficacy. This section includes a review of your community’s prevention measures, including preventive screenings and doctor visits. Besides the measure for lack of health insurance, all measures in this section are positive, where a higher rate is a strength for your community. The link below includes more information about each variable.

<https://www.cdc.gov/places/measure-definitions/prevention/index.html>

## Lack of Health Insurance

Logan has a crude rate of 7.3% for current lack of health insurance among adults aged 18–64 years, which ranks 456th out of 958 Iowa communities (73rd out of 138 small communities). The age-adjusted rate for Logan is 7.4%, which ranks 325th out of 905 Iowa communities (64th out of 138 small communities).

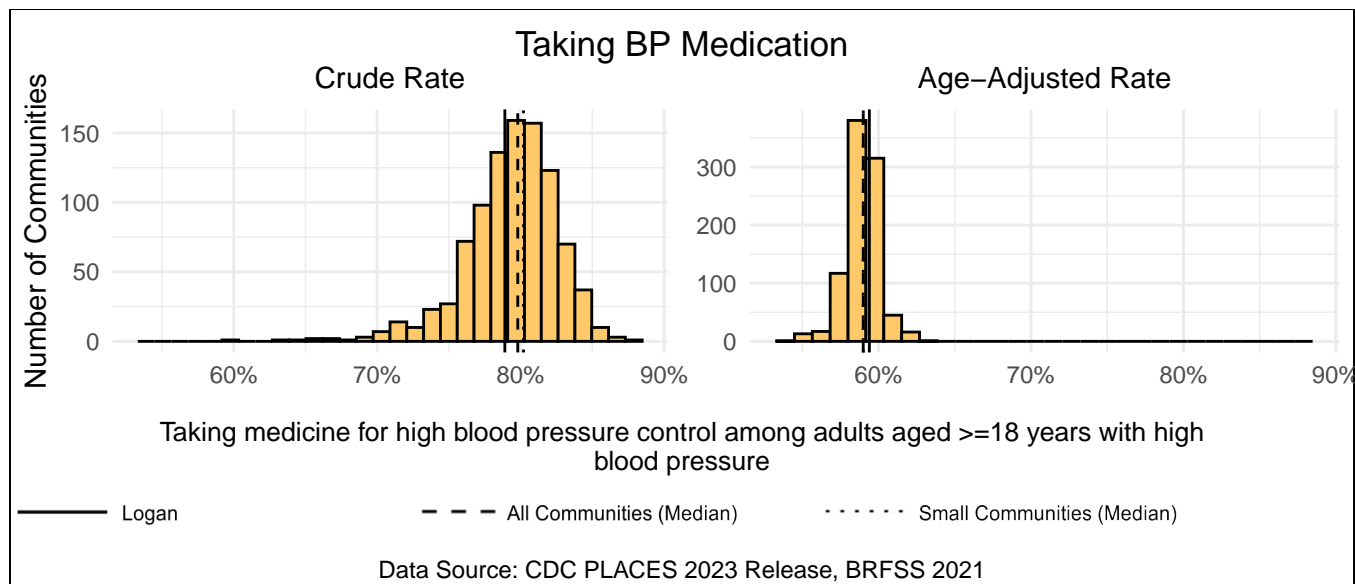
Measure Type	Logan	All Comm.	Small Comm.
Crude	7.3%	7.3%	7.2%
Age-Adjusted	7.4%	7.7%	7.5%



## Taking BP Medication

Logan has a crude rate of 78.9% for taking medicine for high blood pressure control among adults aged  $\geq 18$  years with high blood pressure, which ranks 570th out of 958 Iowa communities (93rd out of 138 small communities). The age-adjusted rate for Logan is 59.4%, which ranks 251st out of 905 Iowa communities (36th out of 138 small communities).

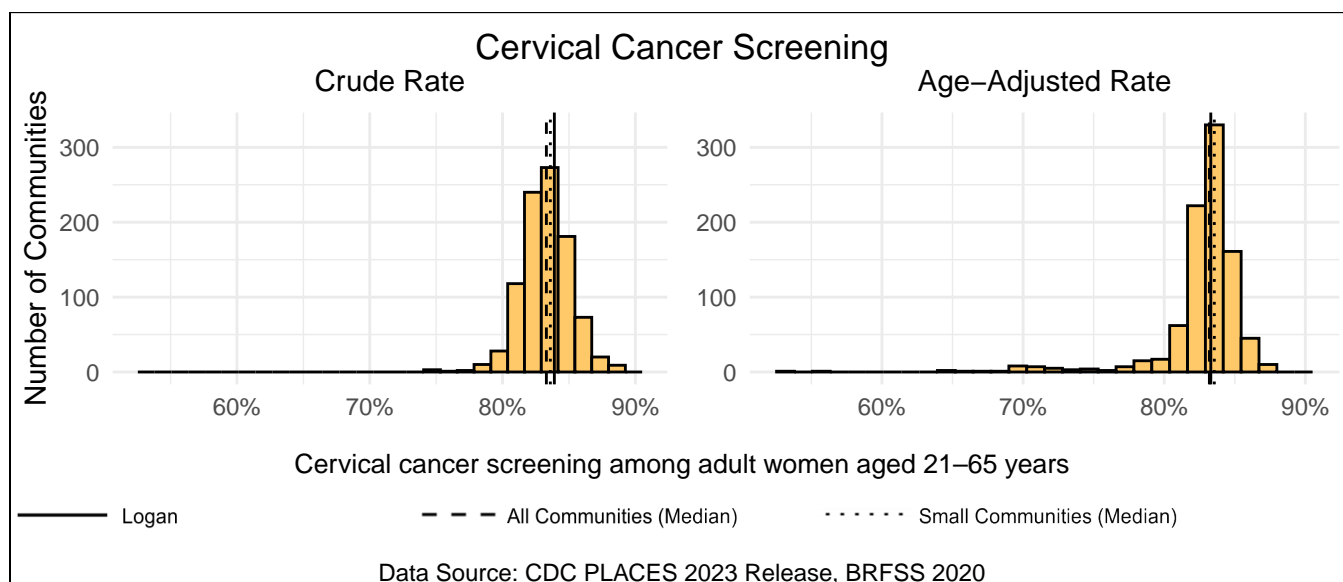
Measure Type	Logan	All Comm.	Small Comm.
Crude	78.9%	79.8%	80.2%
Age-Adjusted	59.4%	59.0%	59.0%



## Cervical Cancer Screening

Logan has a crude rate of 83.9% for cervical cancer screening among adult women aged 21–65 years, which ranks 333rd out of 958 Iowa communities (54th out of 138 small communities). The age-adjusted rate for Logan is 83.3%, which ranks 402nd out of 905 Iowa communities (77th out of 138 small communities).

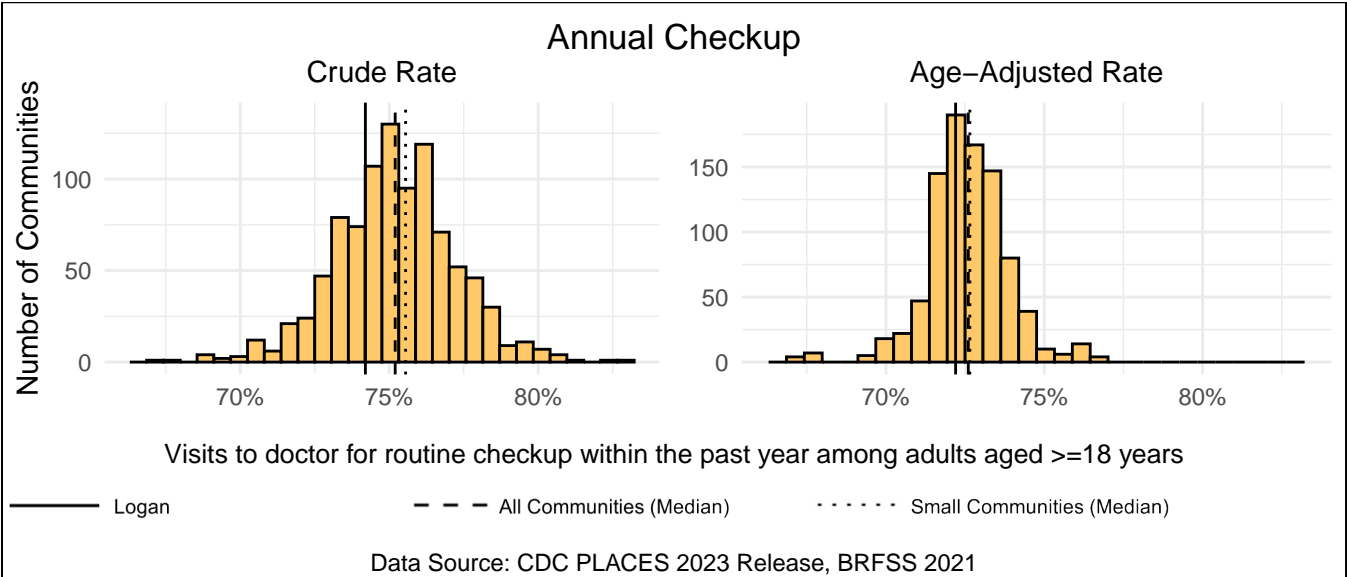
Measure Type	Logan	All Comm.	Small Comm.
Crude	83.9%	83.3%	83.6%
Age-Adjusted	83.3%	83.2%	83.5%



## Annual Checkup

Logan has a crude rate of 74.2% for visits to doctor for routine checkup within the past year among adults aged  $\geq 18$  years, which ranks 668th out of 958 Iowa communities (108th out of 138 small communities). The age-adjusted rate for Logan is 72.2%, which ranks 559th out of 905 Iowa communities (95th out of 138 small communities).

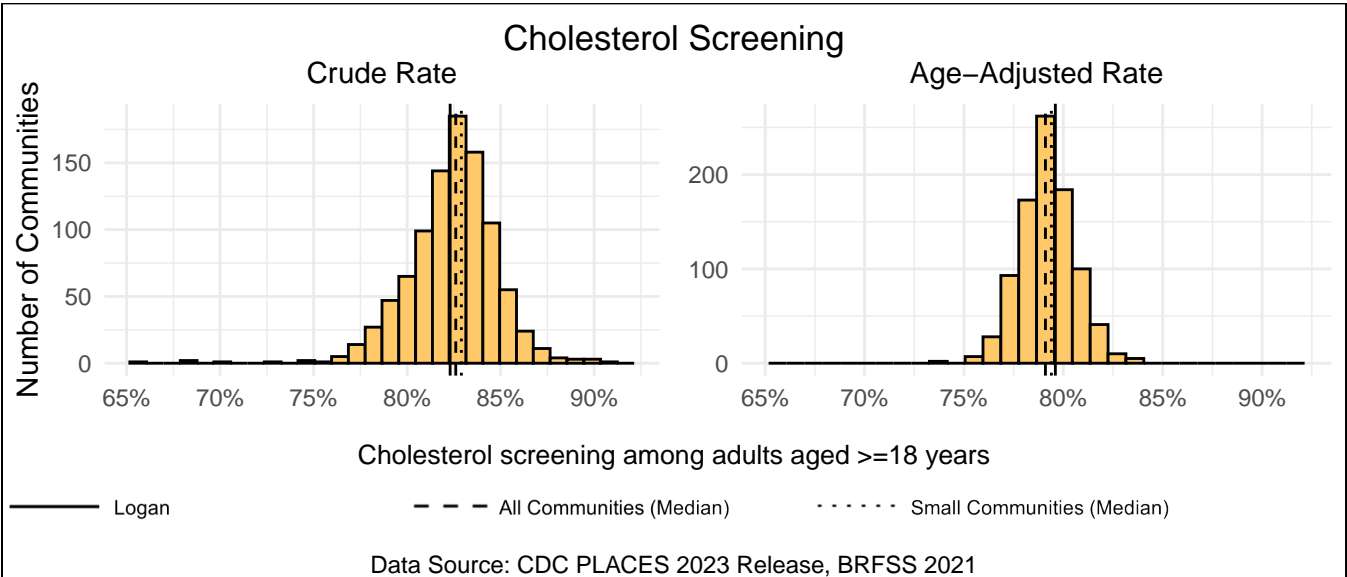
Measure Type	Logan	All Comm.	Small Comm.
Crude	74.2%	75.2%	75.5%
Age-Adjusted	72.2%	72.6%	72.6%



## Cholesterol Screening

Logan has a crude rate of 82.3% for cholesterol screening among adults aged  $\geq 18$  years, which ranks 538th out of 958 Iowa communities (87th out of 138 small communities). The age-adjusted rate for Logan is 79.6%, which ranks 318th out of 905 Iowa communities (59th out of 138 small communities).

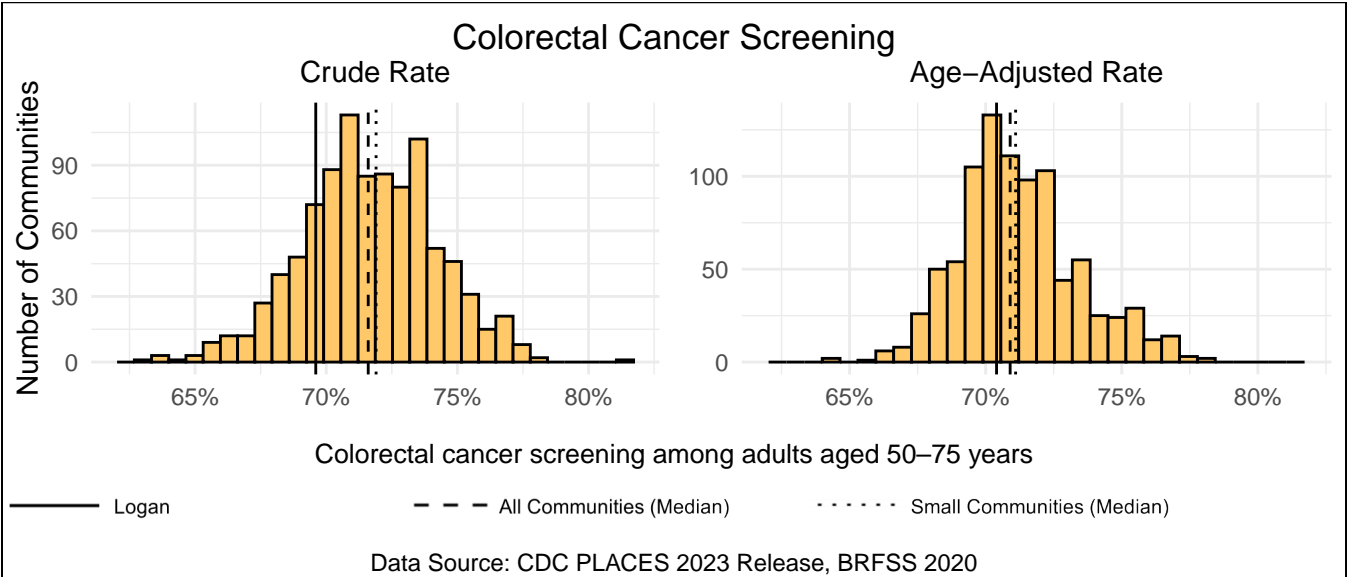
Measure Type	Logan	All Comm.	Small Comm.
Crude	82.3%	82.6%	82.9%
Age-Adjusted	79.6%	79.1%	79.4%



### Colorectal Cancer Screening

Logan has a crude rate of 69.6% for colorectal cancer screening among adults aged 50–75 years, which ranks 752nd out of 958 Iowa communities (128th out of 138 small communities). The age-adjusted rate for Logan is 70.4%, which ranks 538th out of 905 Iowa communities (92nd out of 138 small communities).

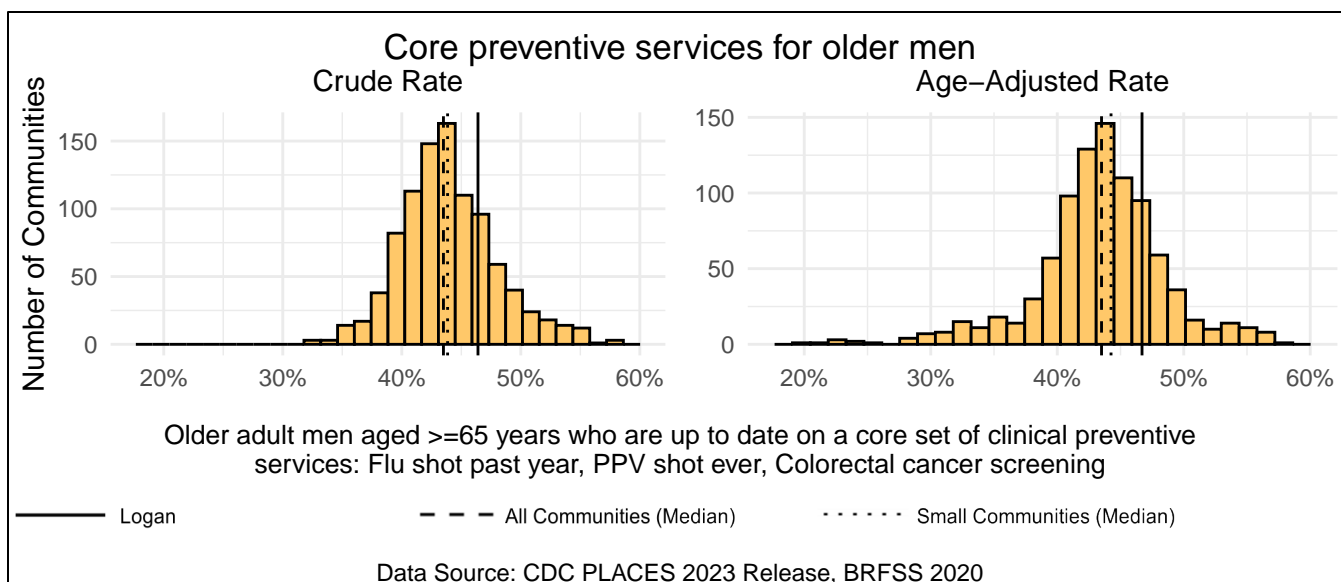
Measure Type	Logan	All Comm.	Small Comm.
Crude	69.6%	71.6%	71.9%
Age-Adjusted	70.4%	70.9%	71.1%



### Core preventive services for older men

Logan has a crude rate of 46.4% for older adult men aged ≥65 years who are up to date on a core set of clinical preventive services: flu shot past year, ppv shot ever, colorectal cancer screening, which ranks 233rd out of 958 Iowa communities (35th out of 138 small communities). The age-adjusted rate for Logan is 46.7%, which ranks 194th out of 905 Iowa communities (29th out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	46.4%	43.5%	43.8%
Age-Adjusted	46.7%	43.5%	44.2%

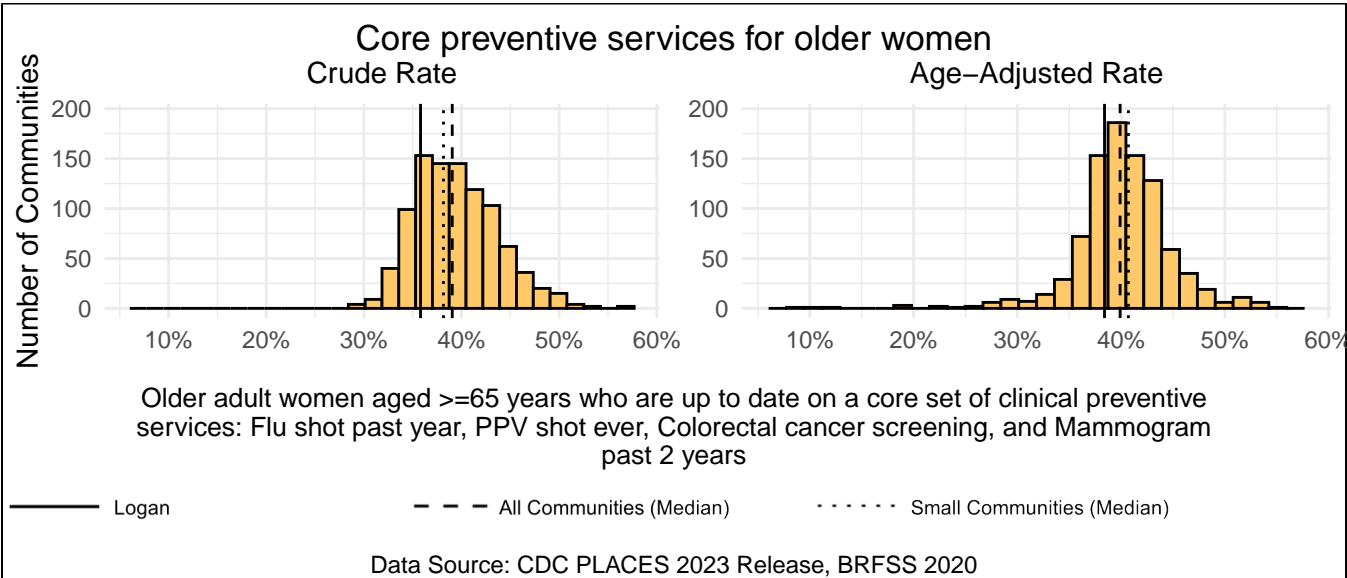




### Core preventive services for older women

Logan has a crude rate of 35.8% for older adult women aged  $\geq 65$  years who are up to date on a core set of clinical preventive services: flu shot past year, ppv shot ever, colorectal cancer screening, and mammogram past 2 years, which ranks 774th out of 958 Iowa communities (103rd out of 138 small communities). The age-adjusted rate for Logan is 38.4%, which ranks 634th out of 905 Iowa communities (108th out of 138 small communities).

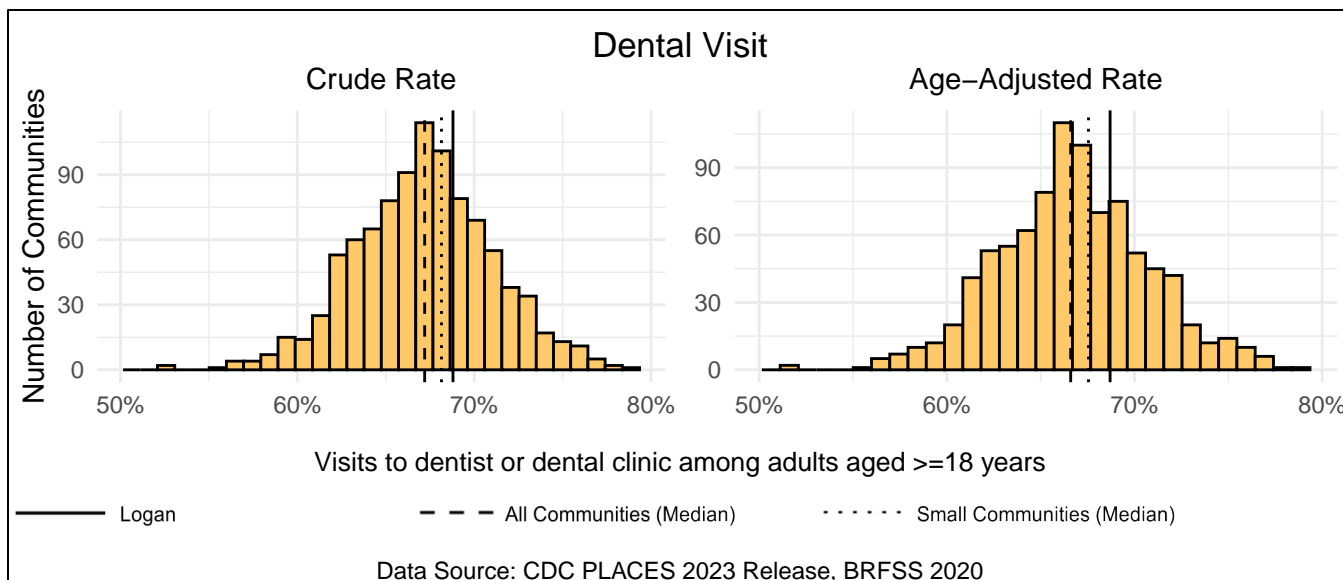
Measure Type	Logan	All Comm.	Small Comm.
Crude	35.8%	39.0%	38.2%
Age-Adjusted	38.4%	39.9%	40.7%



### Dental Visit

Logan has a crude rate of 68.8% for visits to dentist or dental clinic among adults aged  $\geq 18$  years, which ranks 311th out of 958 Iowa communities (56th out of 138 small communities). The age-adjusted rate for Logan is 68.7%, which ranks 269th out of 905 Iowa communities (52nd out of 138 small communities).

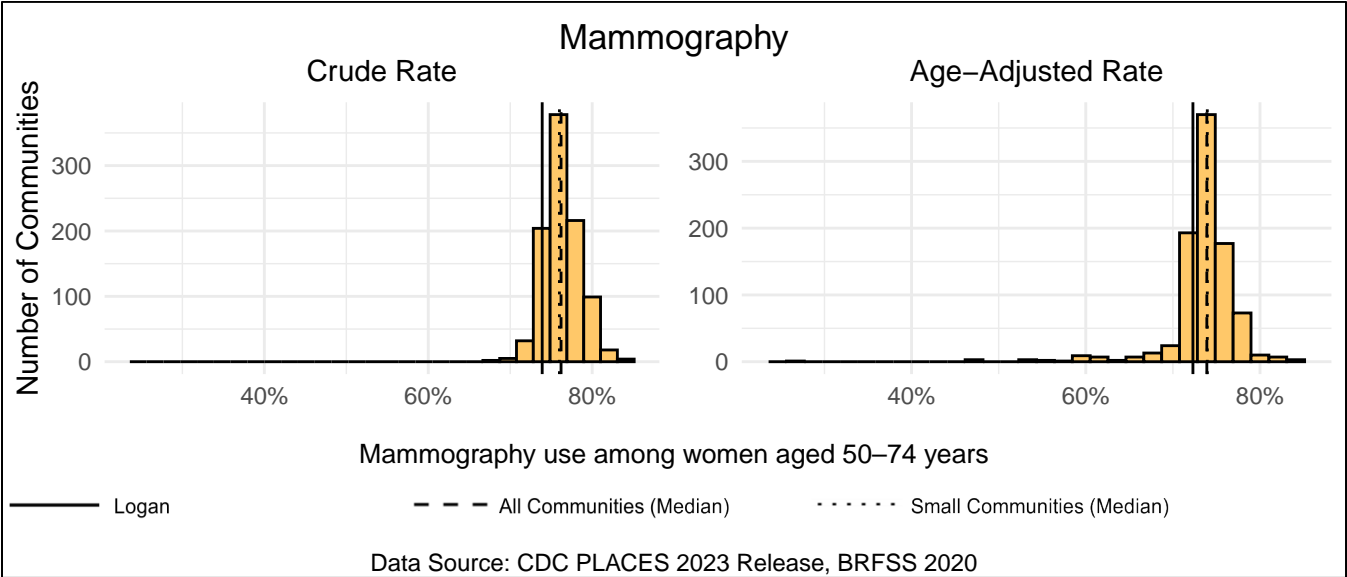
Measure Type	Logan	All Comm.	Small Comm.
Crude	68.8%	67.2%	68.2%
Age-Adjusted	68.7%	66.6%	67.5%



# Mammography

Logan has a crude rate of 73.9% for mammography use among women aged 50–74 years, which ranks 839th out of 958 Iowa communities (121st out of 138 small communities). The age-adjusted rate for Logan is 72.3%, which ranks 695th out of 905 Iowa communities (110th out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	73.9%	76.2%	76.0%
Age-Adjusted	72.3%	73.9%	74.0%



# Disability

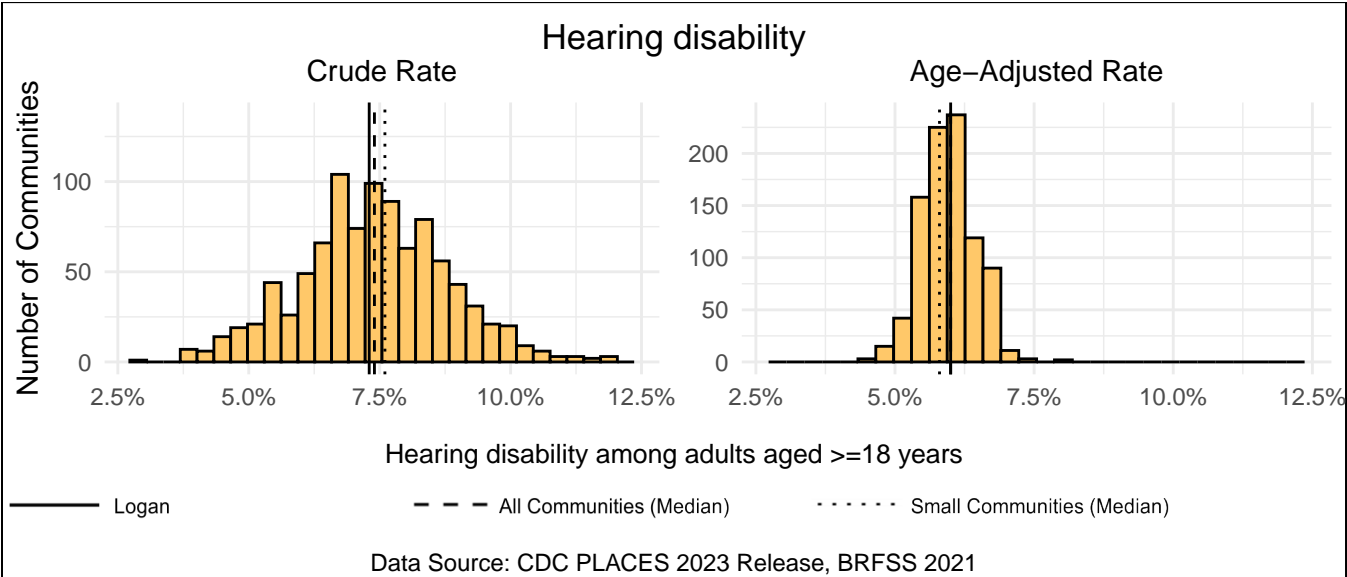
This section includes measures of physical and cognitive disabilities. Respondents were asked to report on six disabilities: hearing, vision, cognition, mobility, self-care, and independent living. The final measure reports the rate of respondents that answered yes to any of the previous six disabilities. The link below includes more information about each variable.

<https://www.cdc.gov/places/measure-definitions/unhealthy-behaviors/index.html>

## Hearing disability

Logan has a crude rate of 7.3% for hearing disability among adults aged  $\geq 18$  years, which ranks 432nd out of 958 Iowa communities (53rd out of 138 small communities). The age-adjusted rate for Logan is 6.0%, which ranks 444th out of 905 Iowa communities (85th out of 138 small communities).

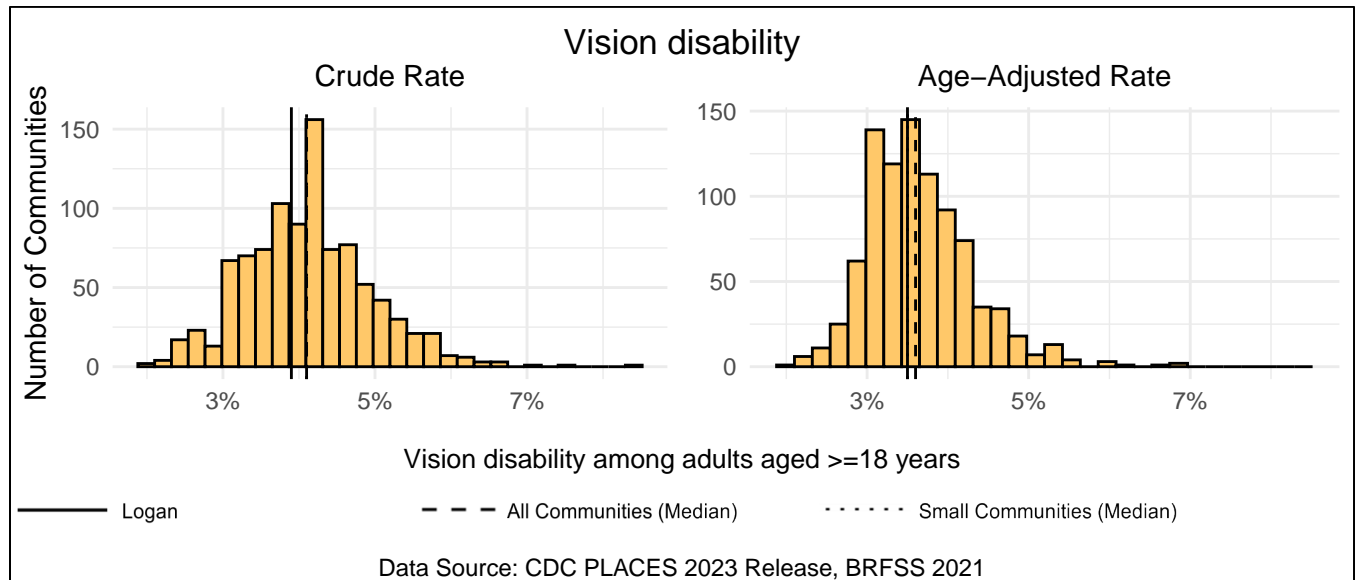
Measure Type	Logan	All Comm.	Small Comm.
Crude	7.3%	7.4%	7.6%
Age-Adjusted	6.0%	6.0%	5.8%



## Vision disability

Logan has a crude rate of 3.9% for vision disability among adults aged  $\geq 18$  years, which ranks 374th out of 958 Iowa communities (57th out of 138 small communities). The age-adjusted rate for Logan is 3.5%, which ranks 364th out of 905 Iowa communities (68th out of 138 small communities).

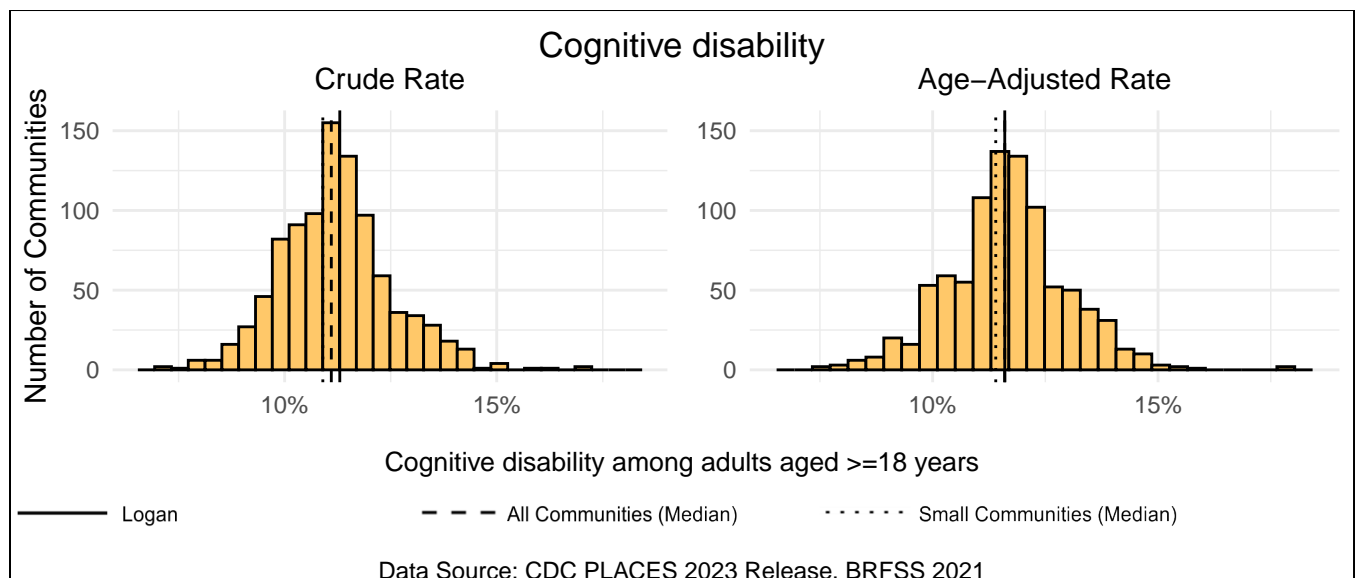
Measure Type	Logan	All Comm.	Small Comm.
Crude	3.9%	4.1%	4.1%
Age-Adjusted	3.5%	3.6%	3.5%



## Cognitive disability

Logan has a crude rate of 11.3% for cognitive disability among adults aged  $\geq 18$  years, which ranks 531st out of 958 Iowa communities (82nd out of 138 small communities). The age-adjusted rate for Logan is 11.6%, which ranks 431st out of 905 Iowa communities (74th out of 138 small communities).

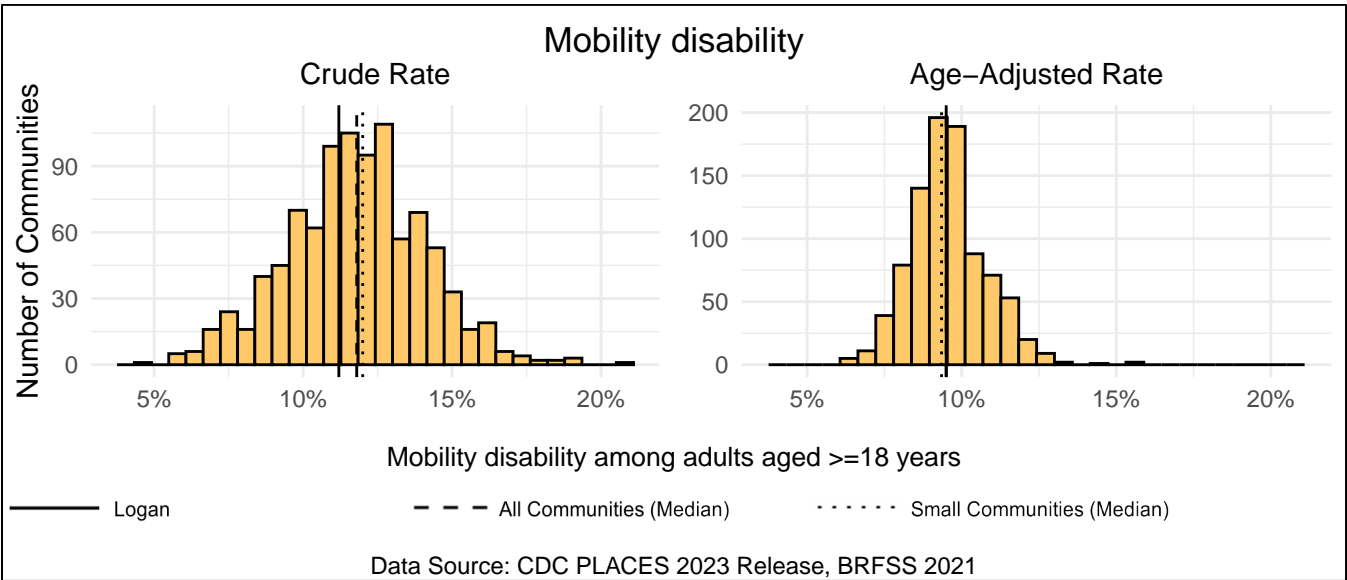
Measure Type	Logan	All Comm.	Small Comm.
Crude	11.3%	11.1%	10.9%
Age-Adjusted	11.6%	11.6%	11.4%



# Mobility disability

Logan has a crude rate of 11.2% for mobility disability among adults aged >=18 years, which ranks 369th out of 958 Iowa communities (51st out of 138 small communities). The age-adjusted rate for Logan is 9.5%, which ranks 426th out of 905 Iowa communities (72nd out of 138 small communities).

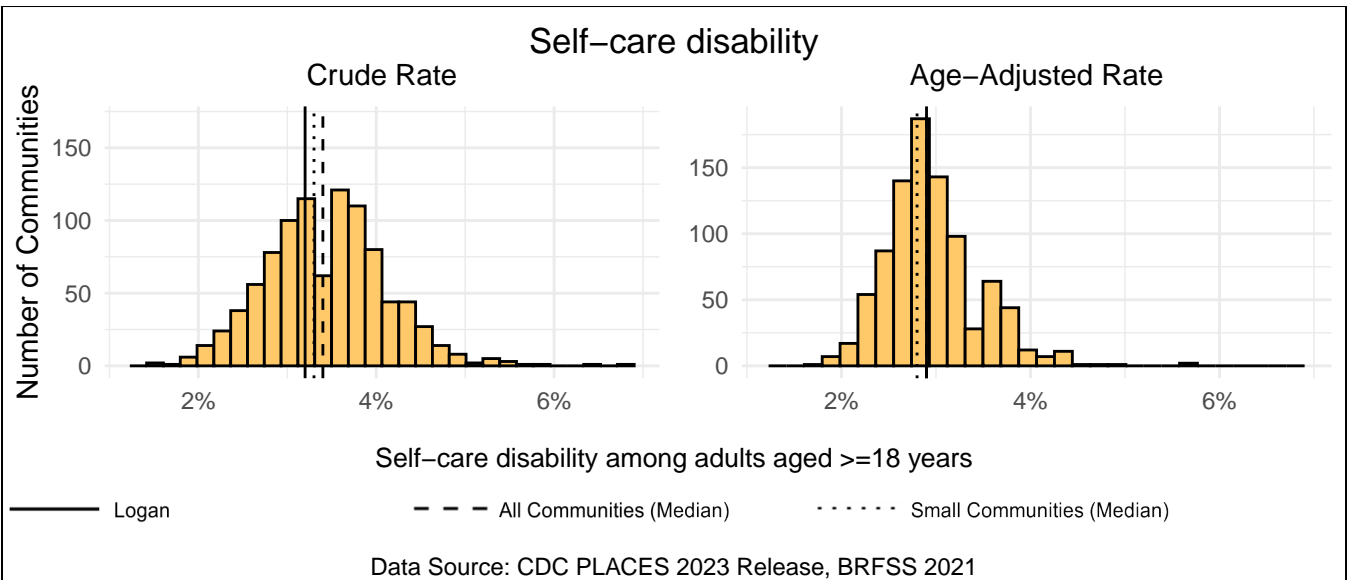
Measure Type	Logan	All Comm.	Small Comm.
Crude	11.2%	11.8%	12.0%
Age-Adjusted	9.5%	9.5%	9.4%



# Self-care disability

Logan has a crude rate of 3.2% for self-care disability among adults aged >=18 years, which ranks 320th out of 958 Iowa communities (52nd out of 138 small communities). The age-adjusted rate for Logan is 2.9%, which ranks 397th out of 905 Iowa communities (72nd out of 138 small communities).

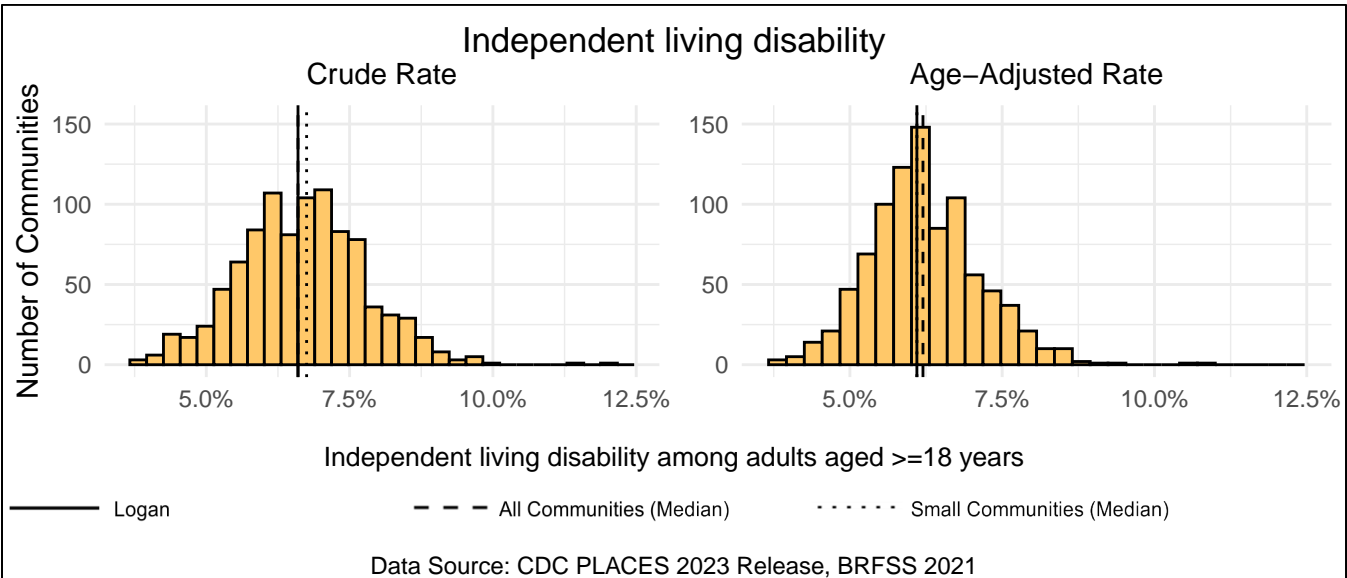
Measure Type	Logan	All Comm.	Small Comm.
Crude	3.2%	3.4%	3.3%
Age-Adjusted	2.9%	2.9%	2.8%



### Independent living disability

Logan has a crude rate of 6.6% for independent living disability among adults aged  $\geq 18$  years, which ranks 453rd out of 958 Iowa communities (61st out of 138 small communities). The age-adjusted rate for Logan is 6.1%, which ranks 383rd out of 905 Iowa communities (66th out of 138 small communities).

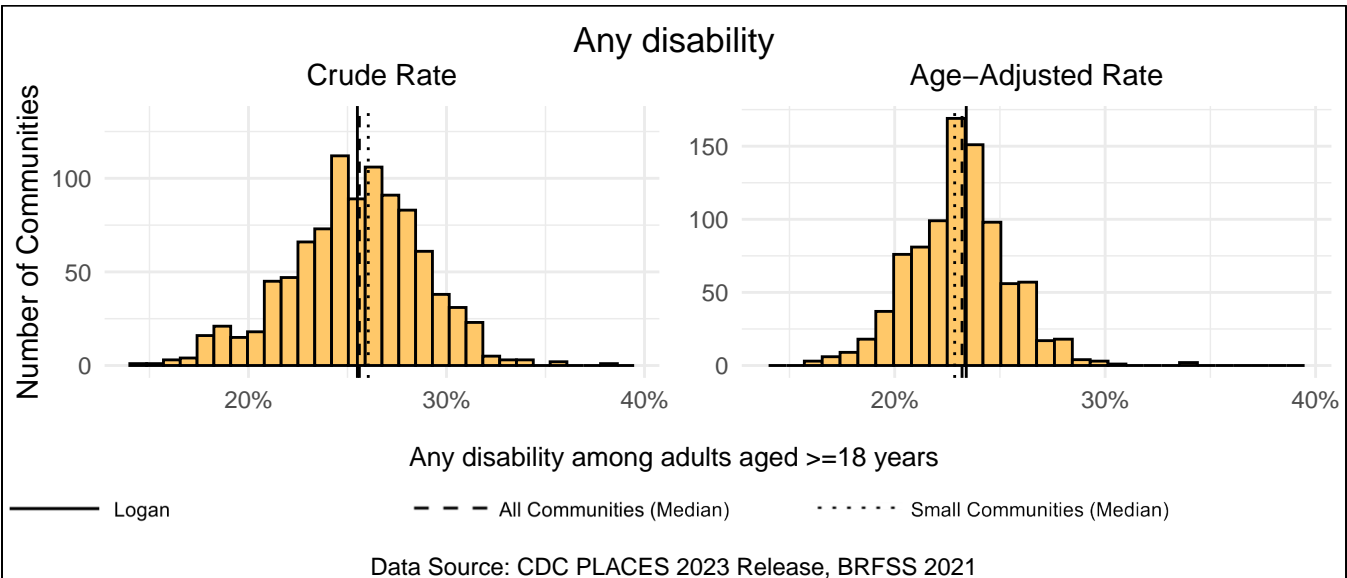
Measure Type	Logan	All Comm.	Small Comm.
Crude	6.6%	6.6%	6.8%
Age-Adjusted	6.1%	6.2%	6.1%



### Any disability

Logan has a crude rate of 25.5% for any disability among adults aged  $\geq 18$  years, which ranks 466th out of 958 Iowa communities (58th out of 138 small communities). The age-adjusted rate for Logan is 23.4%, which ranks 499th out of 905 Iowa communities (81st out of 138 small communities).

Measure Type	Logan	All Comm.	Small Comm.
Crude	25.5%	25.6%	26.0%
Age-Adjusted	23.4%	23.2%	22.8%



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## Appendix 1: CDC PLACES Data

This report uses a novel dataset from the Centers for Disease Control and Prevention (CDC) called PLACES: Local Data for Better Health. The PLACES dataset uses small area estimation methods to provide estimates of health measures for counties, places, census tracts, and zip code tabulation areas. The estimates are created with a multilevel statistical modeling framework that utilizes CDC's Behavioral Risk Factor Surveillance System (BRFSS), Census population counts, and American Community Survey demographic and socioeconomic data.

Relevant links for CDC PLACES can be found below:

- [PLACES Homepage](#)
- [Measure Definitions](#)
- [Methodology](#)





## Appendix 2: Logan PLACES Data

Category	Health Domain	Crude Rate Rank	Crude Rate (95% CI)	Age-Adj. Rate Rank	Age-Adj. Rate (95% CI)
Health Status	General Health	346	13.5% (11.1% - 16.4%)	385	12.5% (10.3% - 14.9%)
Health Status	Physical Health	323	10.3% (8.8% - 11.9%)	377	9.6% (8.2% - 11.2%)
Health Status	Mental Health	646	14.8% (12.7% - 16.9%)	555	15.8% (13.6% - 18.4%)
Health Risk Behaviors	Physical Inactivity	396	25.4% (20.7% - 30.2%)	381	23.9% (19.2% - 29.1%)
Health Risk Behaviors	Binge Drinking	637	20.5% (17.2% - 24.1%)	585	22.4% (18.9% - 26.4%)
Health Risk Behaviors	Current Smoking	555	17.2% (13.5% - 21.5%)	459	17.6% (13.6% - 21.9%)
Health Risk Behaviors	Sleep <7 hours	690	31.3% (29.4% - 33.1%)	613	31.8% (29.9% - 33.7%)
Health Outcomes	Cancer (except skin)	388	7.8% (7.0% - 8.6%)	74	6.4% (5.8% - 7.2%)
Health Outcomes	COPD	306	6.9% (5.7% - 8.5%)	410	6.2% (5.1% - 7.4%)
Health Outcomes	Stroke	340	3.1% (2.7% - 3.6%)	375	2.6% (2.2% - 2.9%)
Health Outcomes	Depression	756	19.0% (15.9% - 22.5%)	702	19.9% (16.5% - 23.9%)
Health Outcomes	Coronary Heart Disease	378	6.2% (5.3% - 7.2%)	419	5.0% (4.3% - 5.8%)
Health Outcomes	High Cholesterol	349	35.4% (31.2% - 40.0%)	634	30.3% (26.2% - 34.6%)
Health Outcomes	Chronic Kidney Disease	381	3.1% (2.7% - 3.4%)	349	2.6% (2.3% - 2.9%)
Health Outcomes	Current Asthma	405	9.3% (8.2% - 10.6%)	415	9.5% (8.4% - 10.9%)
Health Outcomes	Diabetes	258	9.2% (7.8% - 10.7%)	347	8.0% (6.8% - 9.4%)
Health Outcomes	High Blood Pressure	362	31.1% (27.4% - 35.1%)	517	27.6% (24.0% - 31.4%)
Health Outcomes	All Teeth Lost	452	12.8% (8.0% - 19.6%)	374	12.4% (8.1% - 17.8%)
Health Outcomes	Arthritis	355	26.7% (23.1% - 30.6%)	525	23.4% (20.0% - 27.1%)
Health Outcomes	Obesity	552	38.1% (31.2% - 45.6%)	530	38.1% (31.1% - 45.6%)
Prevention	Core preventive services for older women	774	35.8% (27.7% - 44.6%)	634	38.4% (30.8% - 46.4%)
Prevention	Cholesterol Screening	538	82.3% (79.0% - 85.3%)	318	79.6% (76.0% - 83.1%)
Prevention	Taking BP Medication	570	78.9% (75.7% - 82.0%)	251	59.4% (54.8% - 64.1%)
Prevention	Mammography	839	73.9% (68.5% - 78.8%)	695	72.3% (67.1% - 77.2%)
Prevention	Cervical Cancer Screening	333	83.9% (81.0% - 86.5%)	402	83.3% (80.4% - 86.0%)
Prevention	Annual Checkup	668	74.2% (69.4% - 78.6%)	559	72.2% (67.3% - 77.1%)

Category	Health Domain	Crude Rate Rank	Crude Rate (95% CI)	Age-Adj. Rate Rank	Age-Adj. Rate (95% CI)
Prevention	Health Insurance	456	7.3% (5.2% - 9.6%)	325	7.4% (5.4% - 9.8%)
Prevention	Colorectal Cancer Screening	752	69.6% (66.1% - 73.4%)	538	70.4% (67.0% - 74.0%)
Prevention	Core preventive services for older men	233	46.4% (37.0% - 56.1%)	194	46.7% (37.5% - 56.5%)
Prevention	Dental Visit	311	68.8% (64.9% - 72.4%)	269	68.7% (64.9% - 72.5%)
Disability	Mobility Disability	369	11.2% (9.3% - 13.3%)	426	9.5% (7.9% - 11.2%)
Disability	Independent Living Disability	453	6.6% (5.4% - 7.9%)	383	6.1% (5.1% - 7.3%)
Disability	Cognitive Disability	531	11.3% (9.4% - 13.5%)	431	11.6% (9.6% - 13.8%)
Disability	Vision Disability	374	3.9% (3.3% - 4.7%)	364	3.5% (3.0% - 4.2%)
Disability	Any Disability	466	25.5% (21.6% - 29.9%)	499	23.4% (19.7% - 27.6%)
Disability	Self-care Disability	320	3.2% (2.8% - 3.8%)	397	2.9% (2.4% - 3.4%)
Disability	Hearing Disability	432	7.3% (6.3% - 8.3%)	444	6.0% (5.2% - 6.7%)

The 95% confidence interval shown in parentheses represents the range of 95% of CDC area estimates under different model assumptions using Monte Carlo simulations.

## Appendix 3: Small Communities (1,000-2,499)

Logan falls into the group of small communities, which have a population of 1,000-2,499. In this data, 138 communities have a population in this range. The table below lists all communities in that group, sorted by the population estimate in the CDC PLACES dataset.

Community	Population	Community	Population	Community	Population
New London	2,471	Monroe	1,889	Pocahontas	1,614
West Union	2,468	Ogden	1,878	Guthrie Center	1,605
Belle Plaine	2,421	Lisbon	1,874	Brooklyn	1,600
Rockwell City	2,389	Blue Grass	1,873	Corning	1,592
La Porte City	2,347	Wapello	1,861	Akron	1,580
Hull	2,340	Walcott	1,854	Monona	1,571
Cascade	2,312	Peosta	1,852	Urbana	1,565
Atkins	2,296	Pleasantville	1,840	Holstein	1,560
Lamoni	2,284	Mount Ayr	1,838	Slater	1,546
Mediapolis	2,214	Sigourney	1,835	Dysart	1,542
Alta	2,207	Farley	1,833	Shell Rock	1,542
Colfax	2,186	Sac City	1,825	Hartley	1,536
Sumner	2,145	Reinbeck	1,784	Sanborn	1,536
Northwood	2,142	Greenfield	1,778	Fairbank	1,490
Bellevue	2,132	Dallas Center	1,770	Panora	1,490
Remsen	2,095	Prairie City	1,762	Lenox	1,488
Audubon	2,089	Lake City	1,745	Wellman	1,474
Toledo	2,047	Parkersburg	1,738	Roland	1,472
Ely	2,045	Stuart	1,726	Nashua	1,472
Columbus Junction	2,029	Manson	1,718	Van Meter	1,468
Epworth	1,982	Leon	1,707	Nora Springs	1,464
Ida Grove	1,969	Ackley	1,699	Manning	1,444
Lake Mills	1,965	Corydon	1,688	Traer	1,441
Granger	1,950	Oakland	1,678	Logan	1,437
Denver	1,921	Guttenberg	1,667	Walford	1,434
Britt	1,921	State Center	1,654	Strawberry Point	1,427
Durant	1,902	Moville	1,640	Dunlap	1,418

Community	Population	Community	Population	Community	Population
Bedford	1,416	Fayette	1,179	Graettinger	1,010
Manly	1,415	Central City	1,166	Preston	1,005
Kingsley	1,382	Palo	1,162	Rockwell	1,004
Avoca	1,375	Springville	1,160		
Earlham	1,367	George	1,149		
University Heights	1,353	Wayland	1,148		
Montezuma	1,335	St. Ansgar	1,140		
Elkader	1,326	Clarence	1,136		
Coon Rapids	1,324	Fredericksburg	1,133		
Clarksville	1,311	Fruitland	1,127		
Woodbine	1,286	Swisher	1,126		
Jewell Junction	1,284	Neola	1,125		
Alton	1,283	Afton	1,105		
Melcher-Dallas	1,278	Riverside	1,090		
Greene	1,267	Hamburg	1,087		
Malvern	1,264	Newhall	1,076		
Lone Tree	1,261	Treynor	1,071		
Dike	1,240	Villisca	1,071		
Conrad	1,234	Janesville	1,063		
Lake Park	1,223	Winfield	1,063		
Laurens	1,223	Griswold	1,056		
Sheffield	1,209	Lansing	1,053		
Tripoli	1,207	Sloan	1,051		
Marcus	1,200	Baxter	1,036		
Eddyville	1,187	Winthrop	1,035		
Gilbert	1,185	Sully	1,022		
New Sharon	1,183	Lawton	1,021		