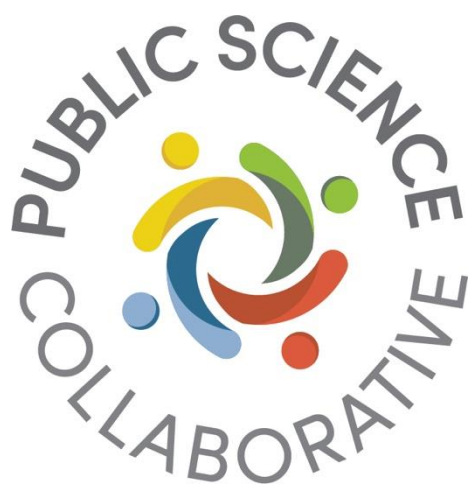




## Iowa Community Health Snapshot Series

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



*May 2024*

*By Matthew Voss & Shawn Dorius*

---

*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.*

# Iowa Community Health Snapshot Series

## Table of contents

<b>Health in Neola: Overview</b>	<b>3</b>
Strengths . . . . .	3
Opportunities . . . . .	4
How to Use this Report . . . . .	5
Using Ames, IA as an Example . . . . .	6
<b>Health Status</b>	<b>7</b>
Poor General Health . . . . .	7
Poor Physical Health . . . . .	8
Poor Mental Health . . . . .	8
<b>Health Risk Behaviors</b>	<b>9</b>
Binge Drinking . . . . .	9
Current Smoking . . . . .	10
Physical Inactivity . . . . .	10
Sleep <7 hours . . . . .	11
<b>Health Outcomes</b>	<b>12</b>
Arthritis . . . . .	12
High Blood Pressure . . . . .	13
Cancer (except skin) . . . . .	13
Current Asthma . . . . .	14
Coronary Heart Disease . . . . .	14
COPD . . . . .	15
Depression . . . . .	15
Diabetes . . . . .	16
High Cholesterol . . . . .	16
Chronic Kidney Disease . . . . .	17
Obesity . . . . .	17
Stroke . . . . .	18
All Teeth Lost . . . . .	18
<b>Prevention</b>	<b>19</b>
Lack of Health Insurance . . . . .	19
Taking BP Medication . . . . .	20
Cervical Cancer Screening . . . . .	20
Annual Checkup . . . . .	21
Cholesterol Screening . . . . .	21

---

Colorectal Cancer Screening . . . . .	22
Core preventive services for older men . . . . .	22
Core preventive services for older women . . . . .	24
Dental Visit . . . . .	24
Mammography . . . . .	26
<b>Disability</b>	<b>27</b>
Hearing disability . . . . .	27
Vision disability . . . . .	28
Cognitive disability . . . . .	28
Mobility disability . . . . .	29
Self-care disability . . . . .	29
Independent living disability . . . . .	30
Any disability . . . . .	30
<b>Appendix 1: CDC PLACES Data</b>	<b>31</b>
<b>Appendix 2: Neola PLACES Data</b>	<b>32</b>
<b>Appendix 3: Small Communities (1,000-2,499)</b>	<b>34</b>

# Health in Neola: Overview

Dear Community Members & Stakeholders of Neola,

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 Neola ranks across various health measures compared to the rest of the state and similarly-sized communities. This comparison allows us to identify Neola'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 Neola. 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
High Cholesterol	144th	28th	High Cholesterol	114th	23rd
Physical Inactivity	174th	32nd	Chronic Kidney Disease	142nd	28th
Self-care Disability	179th	30th	Health Insurance	193rd	40th
Stroke	181st	29th	Core preventive services for older men	194th	29th
Core preventive services for older men	183rd	22nd	Colorectal Cancer Screening	197th	37th

## 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
Taking BP Medication	774th	113th	Taking BP Medication	758th	111th
Mammography	772nd	112th	Mammography	757th	116th
Binge Drinking	769th	112th	Binge Drinking	668th	98th
Annual Checkup	719th	110th	Sleep <7 hours	613th	100th
Sleep <7 hours	708th	114th	Arthritis	550th	84th

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 Neola.

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.

---

## How to Use this Report

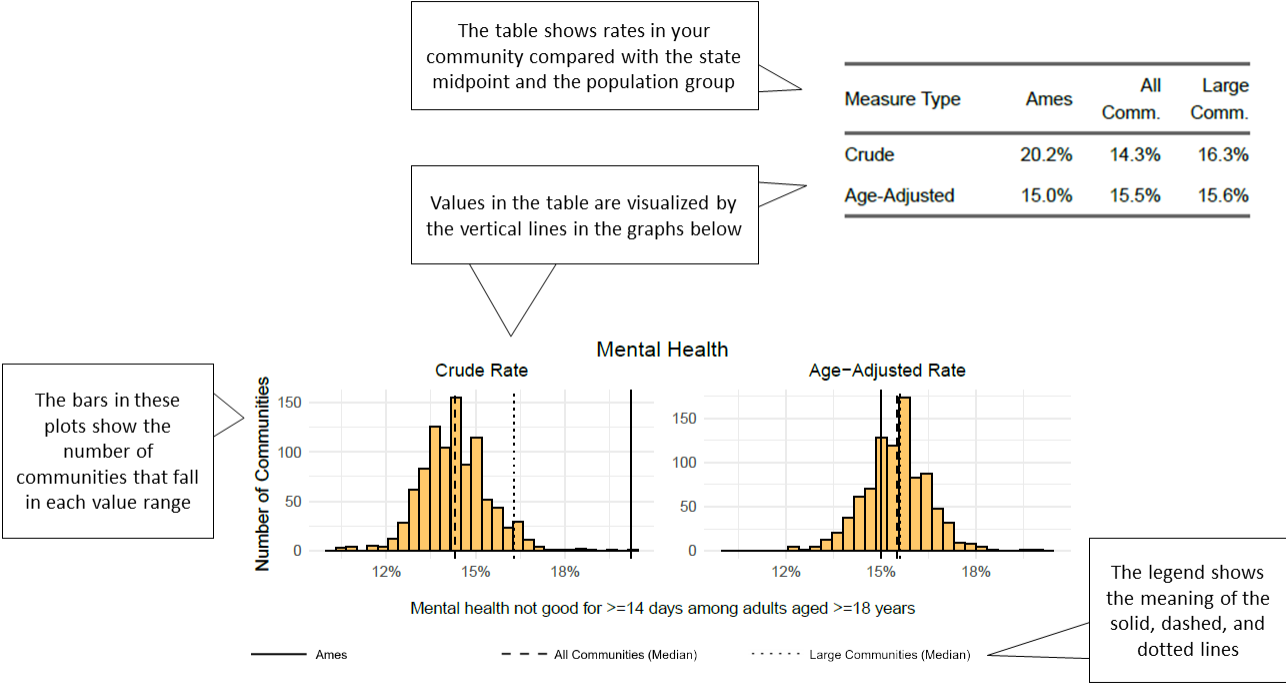
The purpose of the Iowa Community Health Snapshot Series is to provide an overview of health in Neola that can be used to help inform health-related interventions and programming. This report contains five sections, including the overall health status of Neola, a review of risky behaviors in the community, 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 Neola compares to the rest of the state and similarly-sized communities.

With a population of 1,125, Neola'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.



The example graphic above displays the poor mental health rate in Ames, Iowa. The left plot shows the crude rate of poor mental health in the community. Crude rates are the raw, un-adjusted percent of the population experiencing the health measure. Notice how the solid black line is closer to the right of the plot than the dashed and dotted lines; this indicates that Ames has a higher crude rate of poor mental health than most communities in the state. However, the age-adjusted rate plot on the right shows the solid line closer to the peak of the distribution and averages for the state and similarly-sized communities, indicating that when accounting for Ames’s unique age distribution, Ames’s poor mental health rate is not a significant outlier, and is estimated to be lower than the statewide average. Accounting for crude and age-adjusted rates is critical to help inform health interventions as age-adjusted rates can help contextualize the health measure within the population.

# Health Status

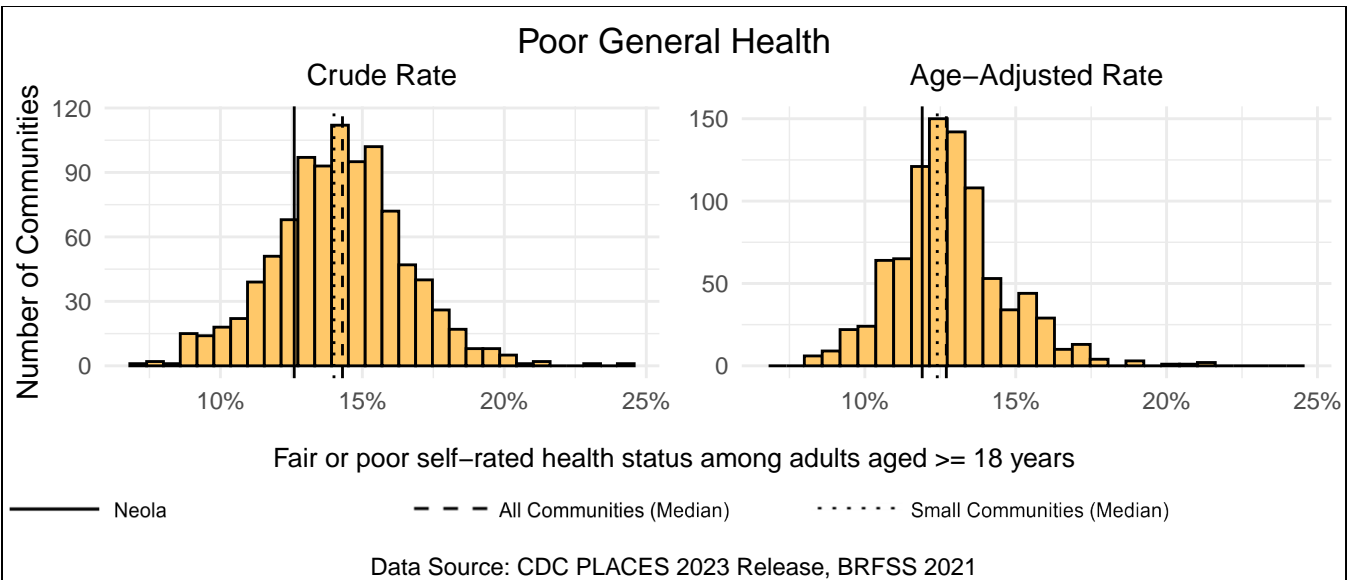
This section reflects measures for overall health, including general, physical, and mental health. These measures are a valuable way to see a simple summary of the health of a country's population. The questions to calculate these measures ask respondents to evaluate their health status. General health 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

Neola has a crude rate of 12.6% for fair or poor self-rated health status among adults aged  $\geq 18$  years, which ranks 208th out of 958 Iowa communities (37th out of 138 small communities). The age-adjusted rate for Neola is 11.9%, which ranks 260th out of 905 Iowa communities (52nd out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	12.6%	14.3%	14.0%
Age-Adjusted	11.9%	12.7%	12.4%

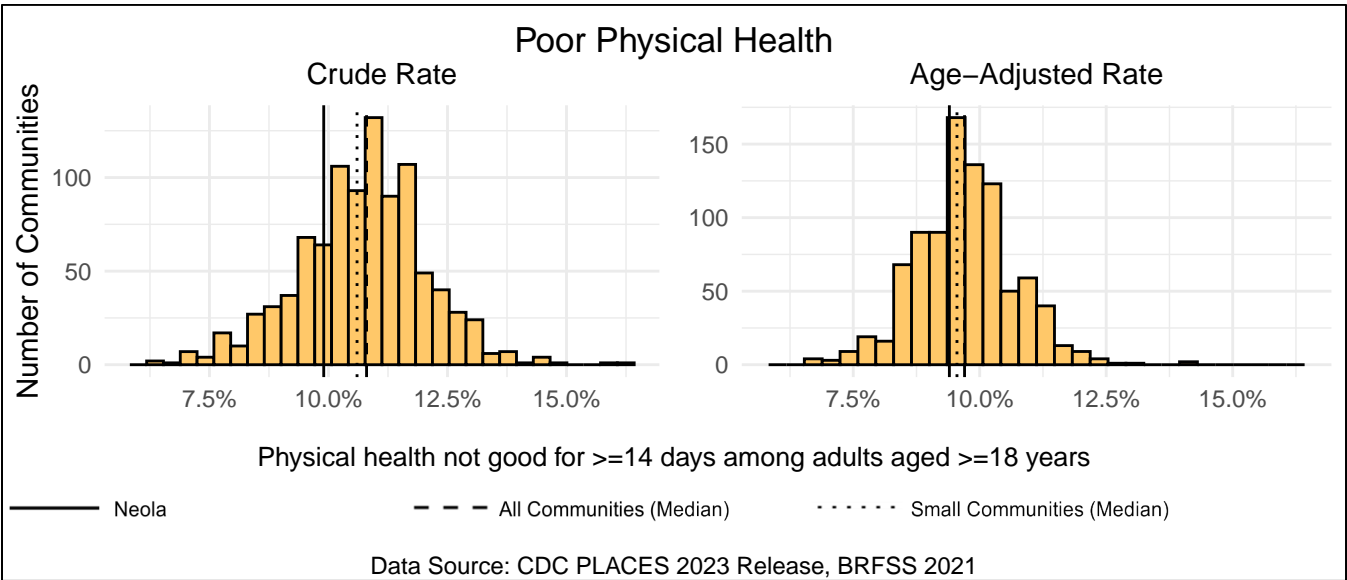




### Poor Physical Health

Neola has a crude rate of 9.9% for physical health not good for  $\geq 14$  days among adults aged  $\geq 18$  years, which ranks 221st out of 958 Iowa communities (37th out of 138 small communities). The age-adjusted rate for Neola is 9.4%, which ranks 300th out of 905 Iowa communities (57th out of 138 small communities).

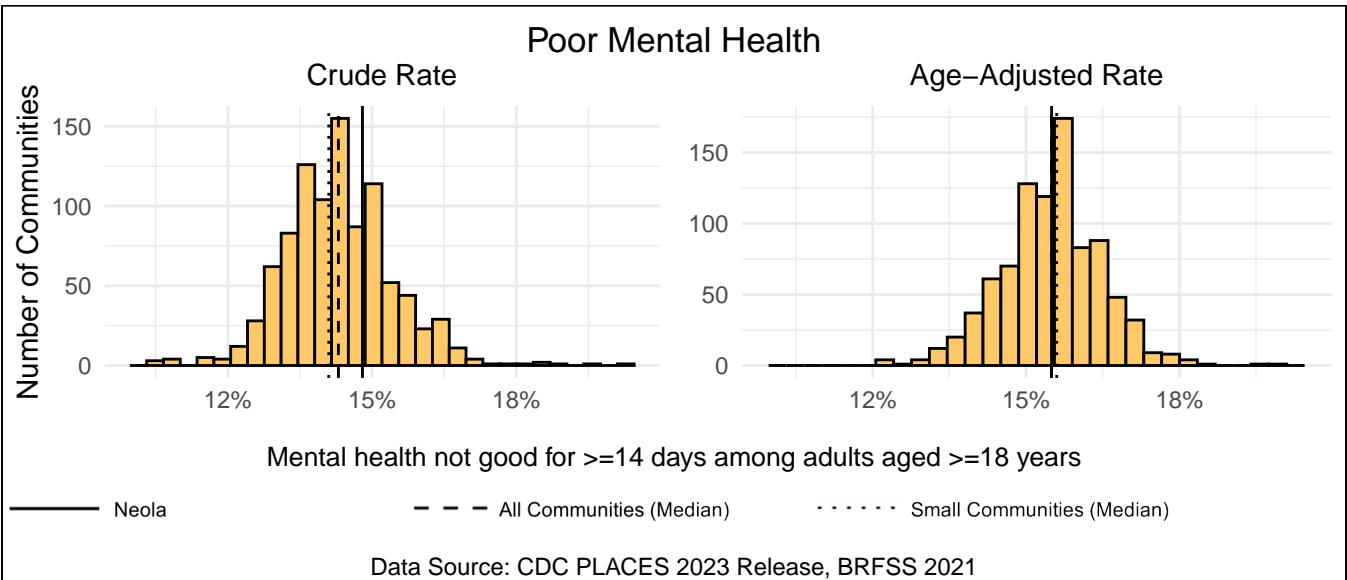
Measure Type	Neola	All Comm.	Small Comm.
Crude	9.9%	10.8%	10.6%
Age-Adjusted	9.4%	9.7%	9.6%



### Poor Mental Health

Neola 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 Neola is 15.5%, which ranks 405th out of 905 Iowa communities (65th out of 138 small communities).

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



# Health Risk Behaviors

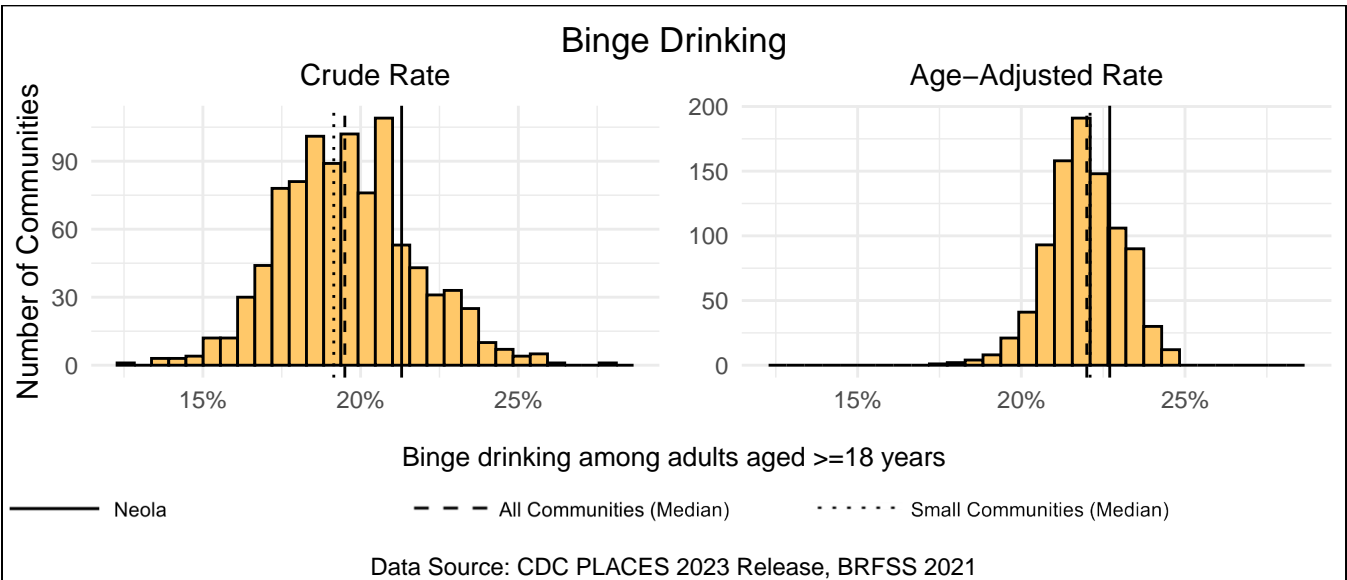
Health risk measures are measures of individual behaviors that can lead to poor health outcomes. These include binge drinking, current smoking, physical inactivity, and getting less than seven hours of nightly sleep. Risk behaviors are the most critical intervention points as they can help save lives 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

Neola has a crude rate of 21.3% for binge drinking among adults aged  $\geq 18$  years, which ranks 769th out of 958 Iowa communities (112th out of 138 small communities). The age-adjusted rate for Neola is 22.7%, which ranks 668th out of 905 Iowa communities (98th out of 138 small communities).

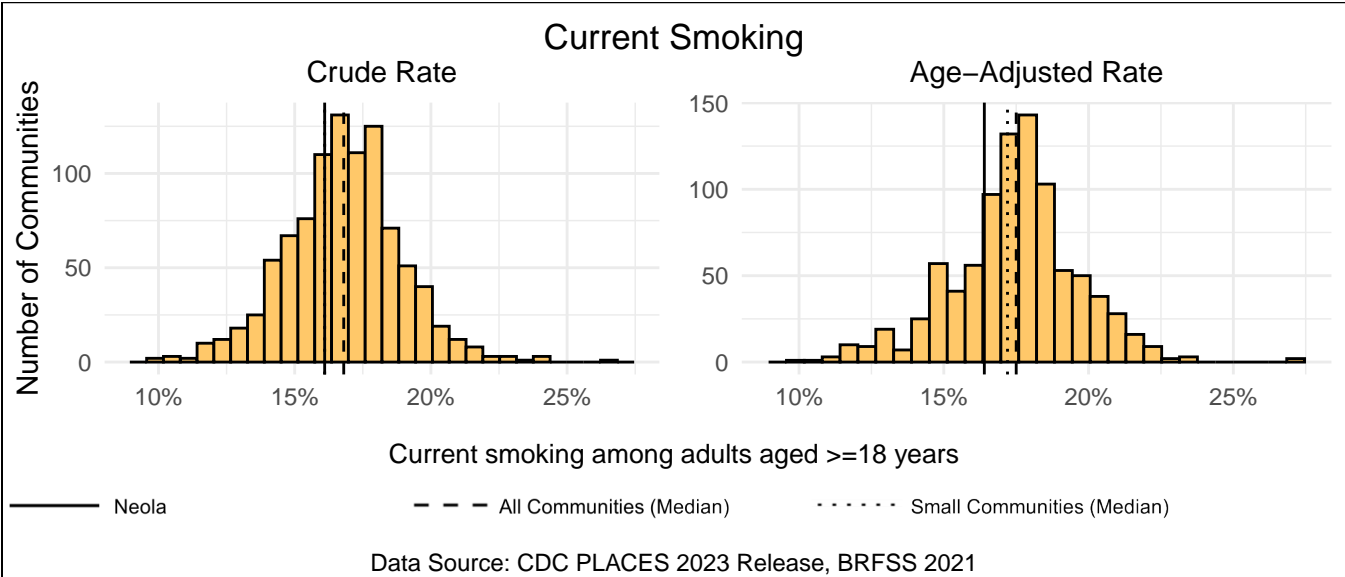
Measure Type	Neola	All Comm.	Small Comm.
Crude	21.3%	19.5%	19.1%
Age-Adjusted	22.7%	22.0%	22.1%



## Current Smoking

Neola has a crude rate of 16.1% for current smoking among adults aged  $\geq 18$  years, which ranks 316th out of 958 Iowa communities (68th out of 138 small communities). The age-adjusted rate for Neola is 16.4%, which ranks 230th out of 905 Iowa communities (44th out of 138 small communities).

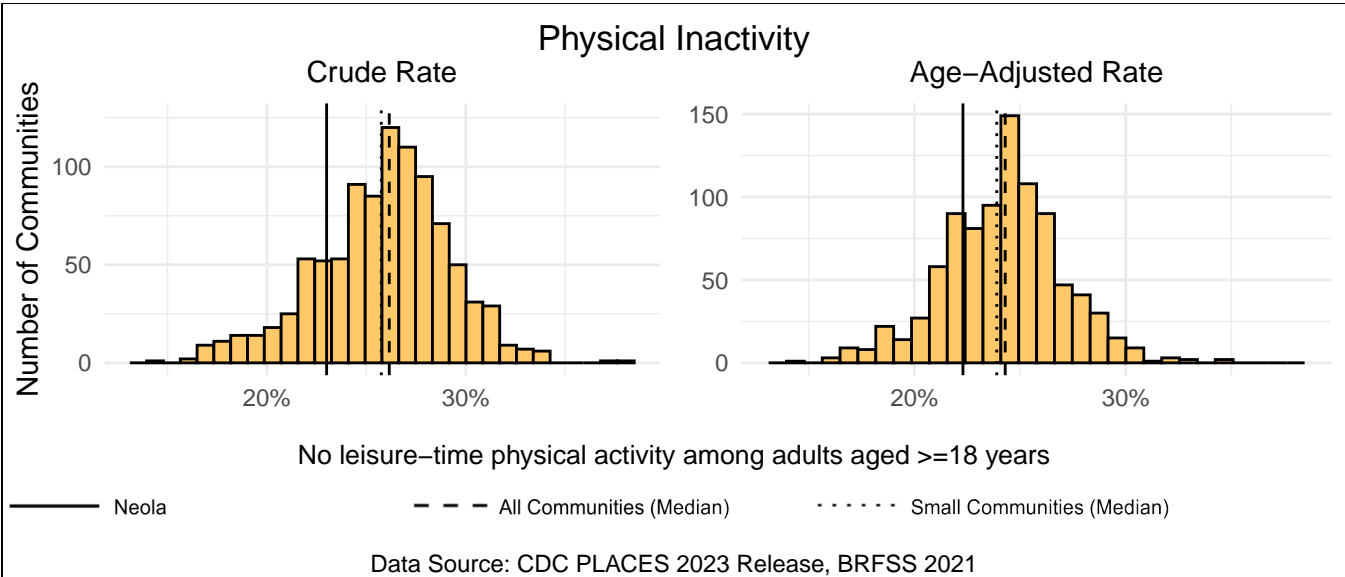
Measure Type	Neola	All Comm.	Small Comm.
Crude	16.1%	16.8%	16.1%
Age-Adjusted	16.4%	17.5%	17.2%



## Physical Inactivity

Neola has a crude rate of 23.0% for no leisure-time physical activity among adults aged  $\geq 18$  years, which ranks 174th out of 958 Iowa communities (32nd out of 138 small communities). The age-adjusted rate for Neola is 22.3%, which ranks 203rd out of 905 Iowa communities (38th out of 138 small communities).

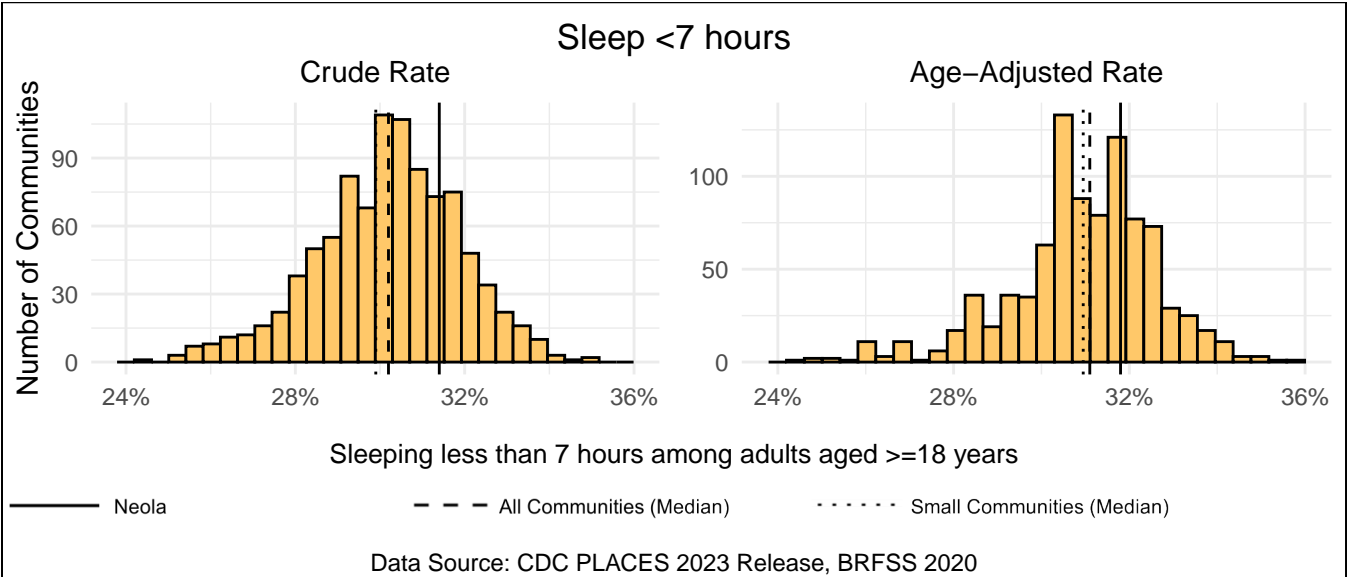
Measure Type	Neola	All Comm.	Small Comm.
Crude	23.0%	26.1%	25.8%
Age-Adjusted	22.3%	24.3%	23.9%



# Sleep <7 hours

Neola has a crude rate of 31.4% for sleeping less than 7 hours among adults aged  $\geq 18$  years, which ranks 708th out of 958 Iowa communities (114th out of 138 small communities). The age-adjusted rate for Neola is 31.8%, which ranks 613th out of 905 Iowa communities (100th out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	31.4%	30.2%	29.9%
Age-Adjusted	31.8%	31.1%	31.0%



# Health Outcomes

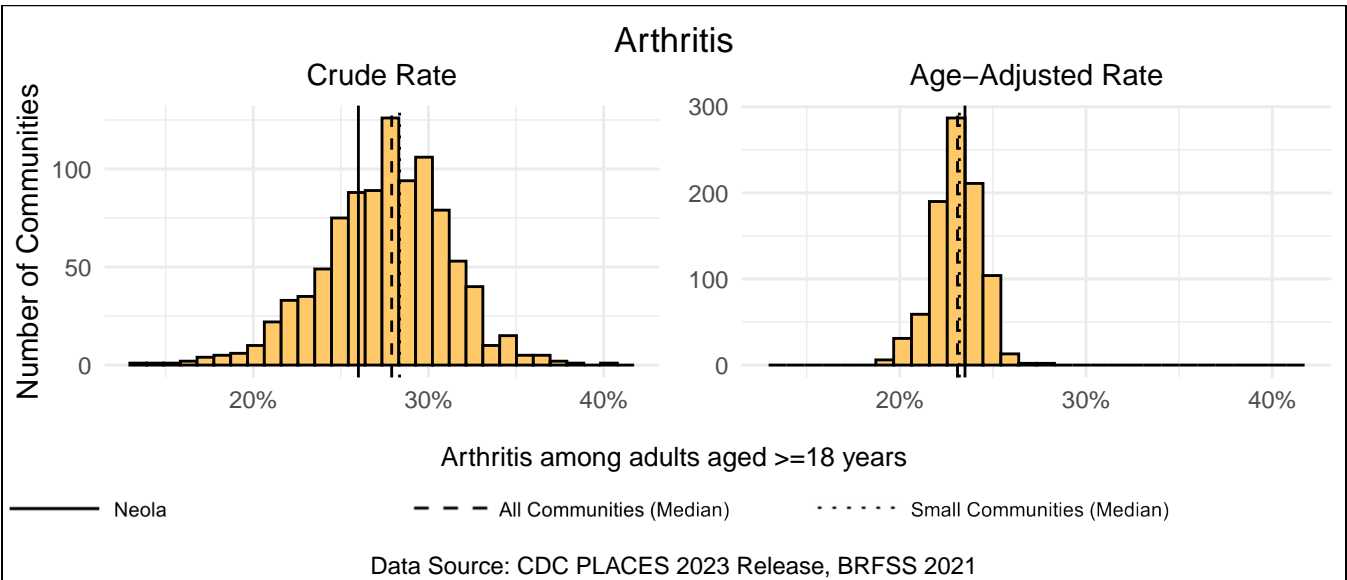
This section includes measures about specific health outcomes such as chronic illness, mental health conditions, and risk factors for future disease. Health outcome measures include but are not limited to arthritis, high blood pressure, cancer, depression, and obesity. Each measure is the percentage 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

Neola has a crude rate of 26.0% for arthritis among adults aged  $\geq 18$  years, which ranks 293rd out of 958 Iowa communities (41st out of 138 small communities). The age-adjusted rate for Neola is 23.5%, which ranks 550th out of 905 Iowa communities (84th out of 138 small communities).

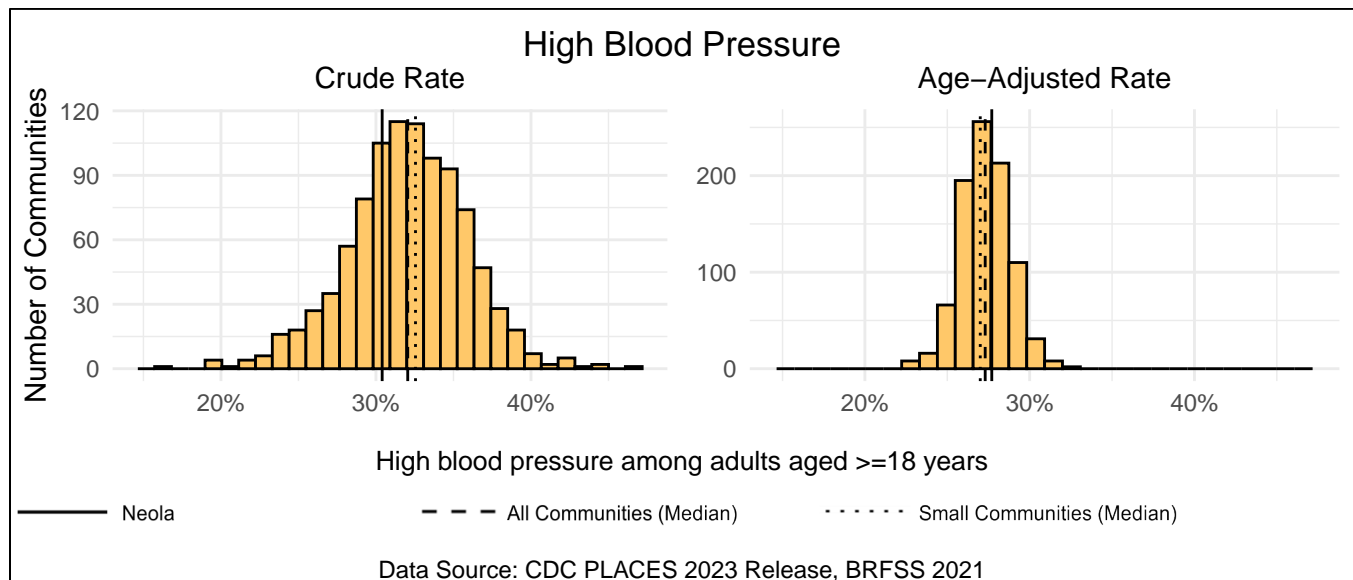
Measure Type	Neola	All Comm.	Small Comm.
Crude	26.0%	27.9%	28.4%
Age-Adjusted	23.5%	23.1%	23.2%



## High Blood Pressure

Neola has a crude rate of 30.4% for high blood pressure among adults aged  $\geq 18$  years, which ranks 293rd out of 958 Iowa communities (40th out of 138 small communities). The age-adjusted rate for Neola is 27.7%, which ranks 542nd out of 905 Iowa communities (92nd out of 138 small communities).

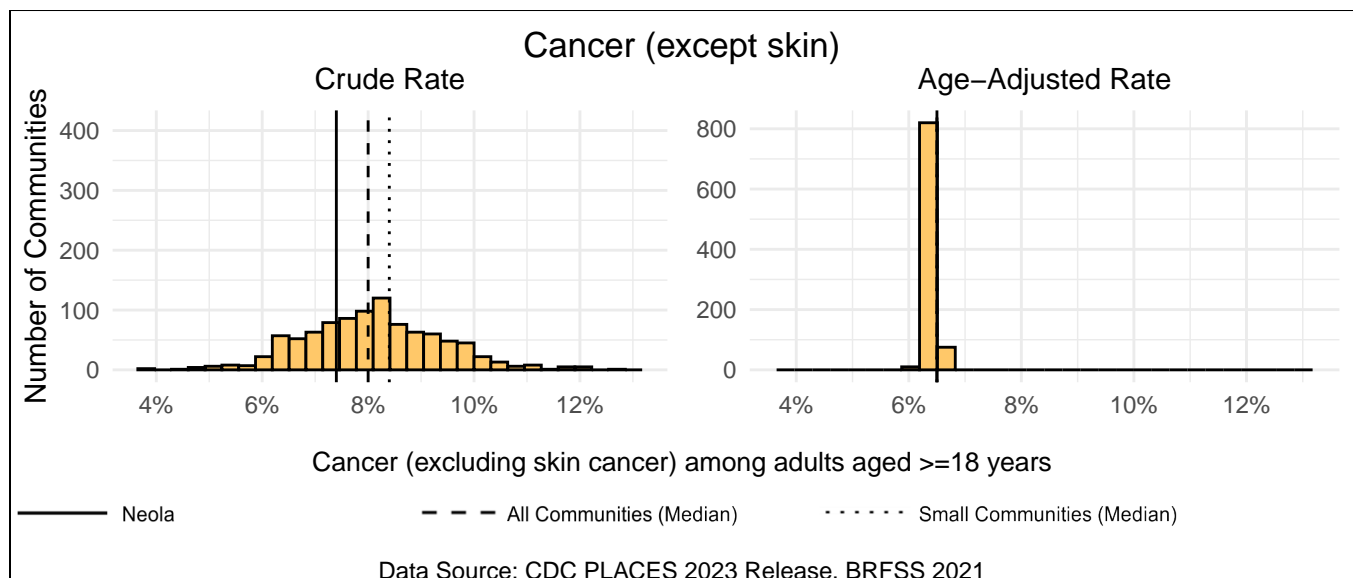
Measure Type	Neola	All Comm.	Small Comm.
Crude	30.4%	32.0%	32.5%
Age-Adjusted	27.7%	27.3%	27.0%



## Cancer (except skin)

Neola has a crude rate of 7.4% for cancer (excluding skin cancer) among adults aged  $\geq 18$  years, which ranks 276th out of 958 Iowa communities (28th out of 138 small communities). The age-adjusted rate for Neola is 6.5%, which ranks 418th out of 905 Iowa communities (41st out of 138 small communities).

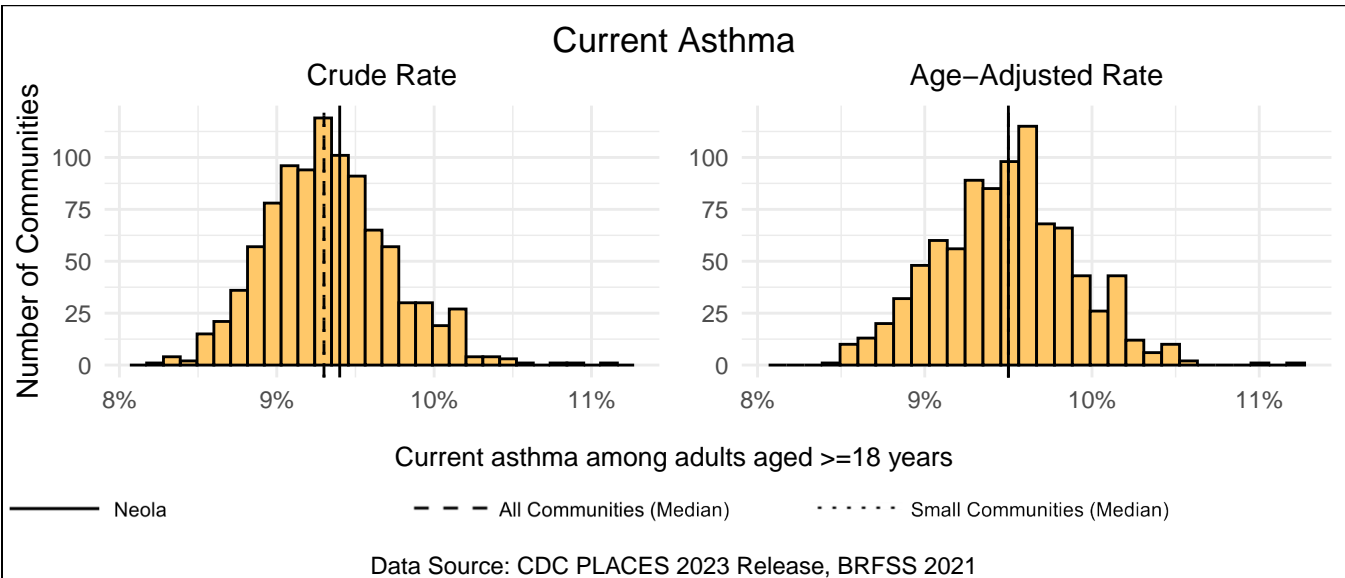
Measure Type	Neola	All Comm.	Small Comm.
Crude	7.4%	8.0%	8.4%
Age-Adjusted	6.5%	6.5%	6.5%



## Current Asthma

Neola has a crude rate of 9.4% for current asthma among adults aged  $\geq 18$  years, which ranks 524th out of 958 Iowa communities (85th out of 138 small communities). The age-adjusted rate for Neola is 9.5%, which ranks 415th out of 905 Iowa communities (54th out of 138 small communities).

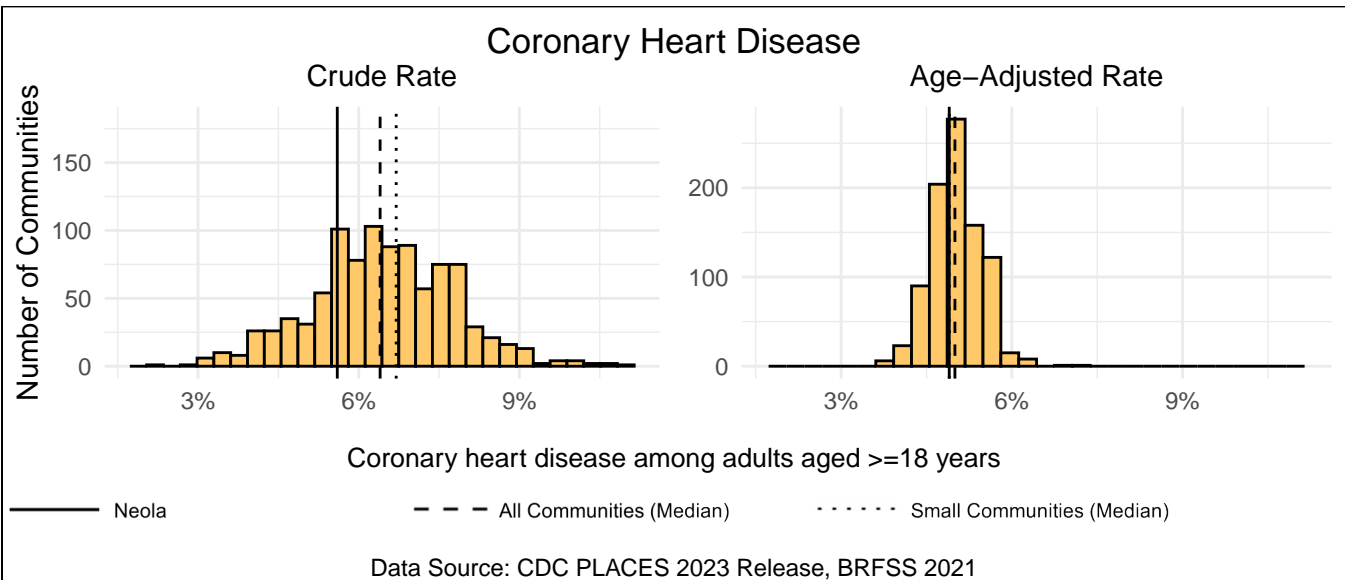
Measure Type	Neola	All Comm.	Small Comm.
Crude	9.4%	9.3%	9.3%
Age-Adjusted	9.5%	9.5%	9.5%



## Coronary Heart Disease

Neola has a crude rate of 5.6% for coronary heart disease among adults aged  $\geq 18$  years, which ranks 220th out of 958 Iowa communities (36th out of 138 small communities). The age-adjusted rate for Neola is 4.9%, which ranks 324th out of 905 Iowa communities (68th out of 138 small communities).

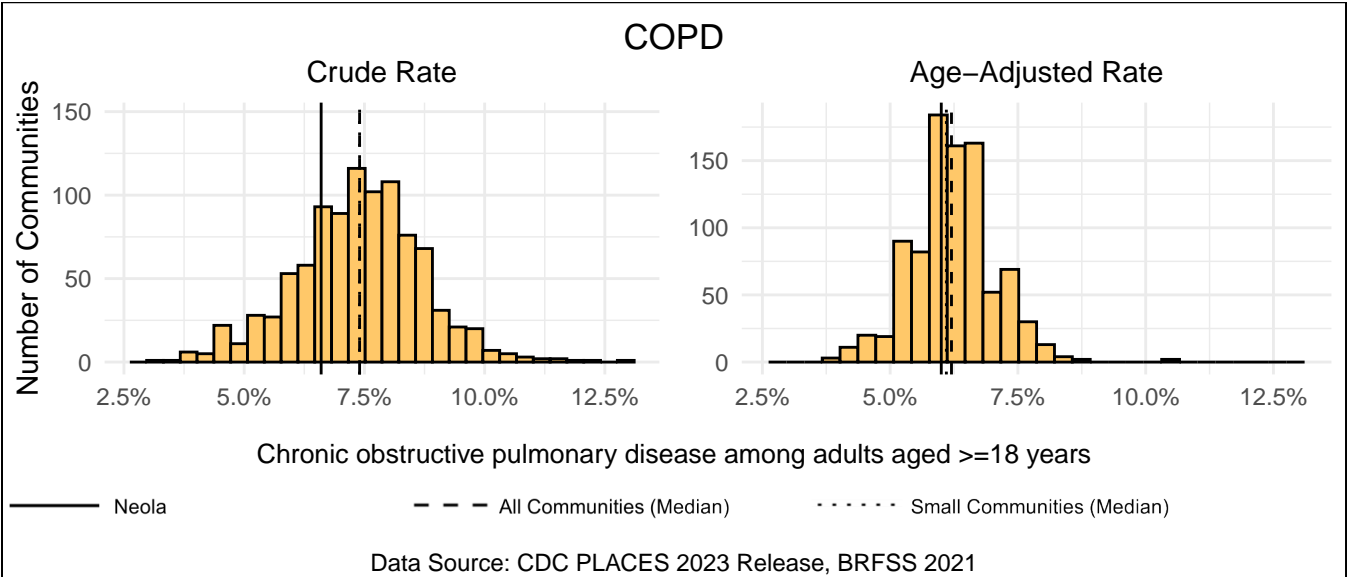
Measure Type	Neola	All Comm.	Small Comm.
Crude	5.6%	6.4%	6.7%
Age-Adjusted	4.9%	5.0%	4.9%



# COPD

Neola has a crude rate of 6.6% for chronic obstructive pulmonary disease among adults aged  $\geq 18$  years, which ranks 232nd out of 958 Iowa communities (41st out of 138 small communities). The age-adjusted rate for Neola is 6.0%, which ranks 305th out of 905 Iowa communities (56th out of 138 small communities).

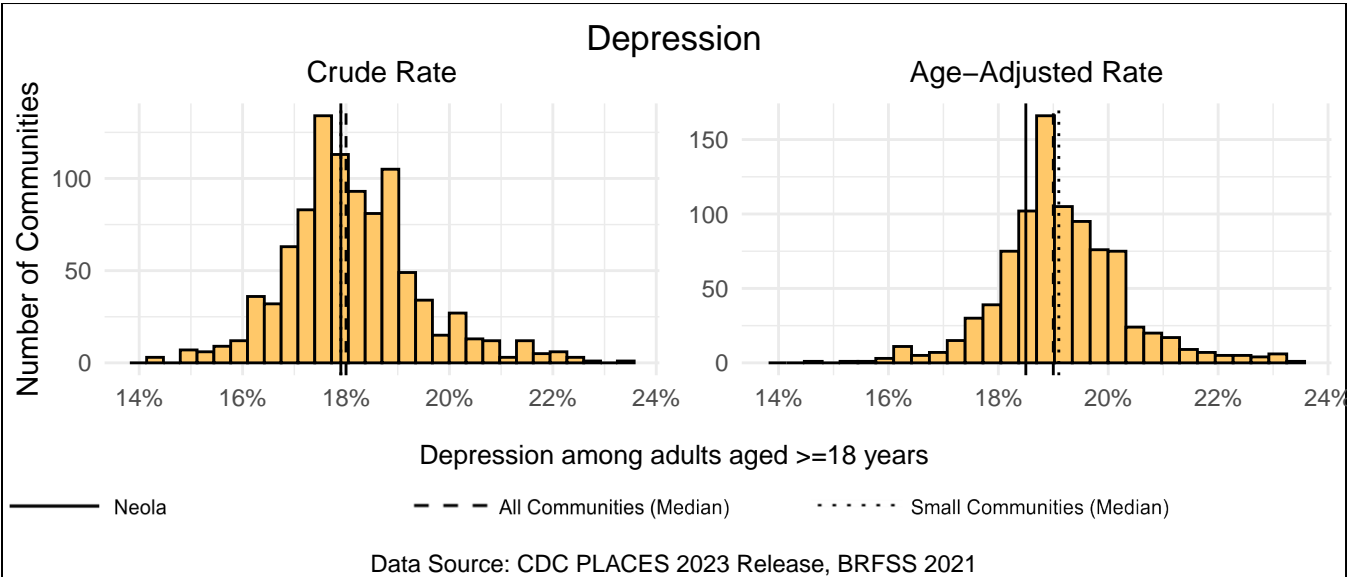
Measure Type	Neola	All Comm.	Small Comm.
Crude	6.6%	7.4%	7.4%
Age-Adjusted	6.0%	6.2%	6.1%



# Depression

Neola has a crude rate of 17.9% for depression among adults aged  $\geq 18$  years, which ranks 424th out of 958 Iowa communities (68th out of 138 small communities). The age-adjusted rate for Neola is 18.5%, which ranks 218th out of 905 Iowa communities (31st out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	17.9%	18.0%	17.9%
Age-Adjusted	18.5%	19.0%	19.1%

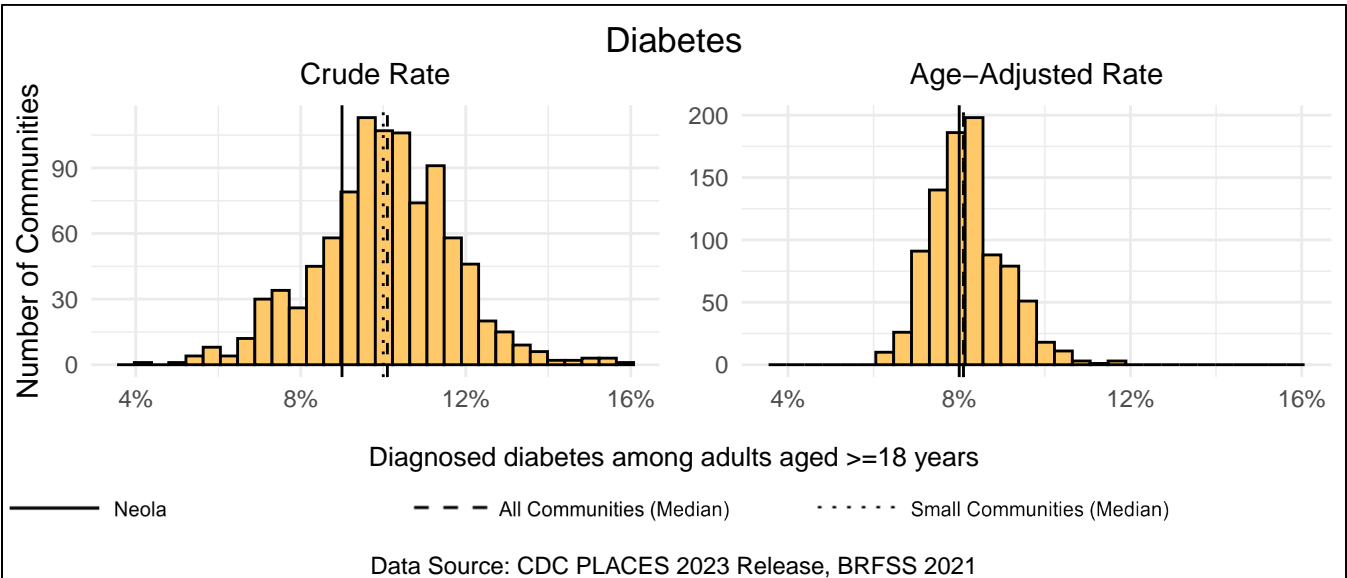




# Diabetes

Neola has a crude rate of 9.0% for diagnosed diabetes among adults aged  $\geq 18$  years, which ranks 224th out of 958 Iowa communities (39th out of 138 small communities). The age-adjusted rate for Neola is 8.0%, which ranks 347th out of 905 Iowa communities (61st out of 138 small communities).

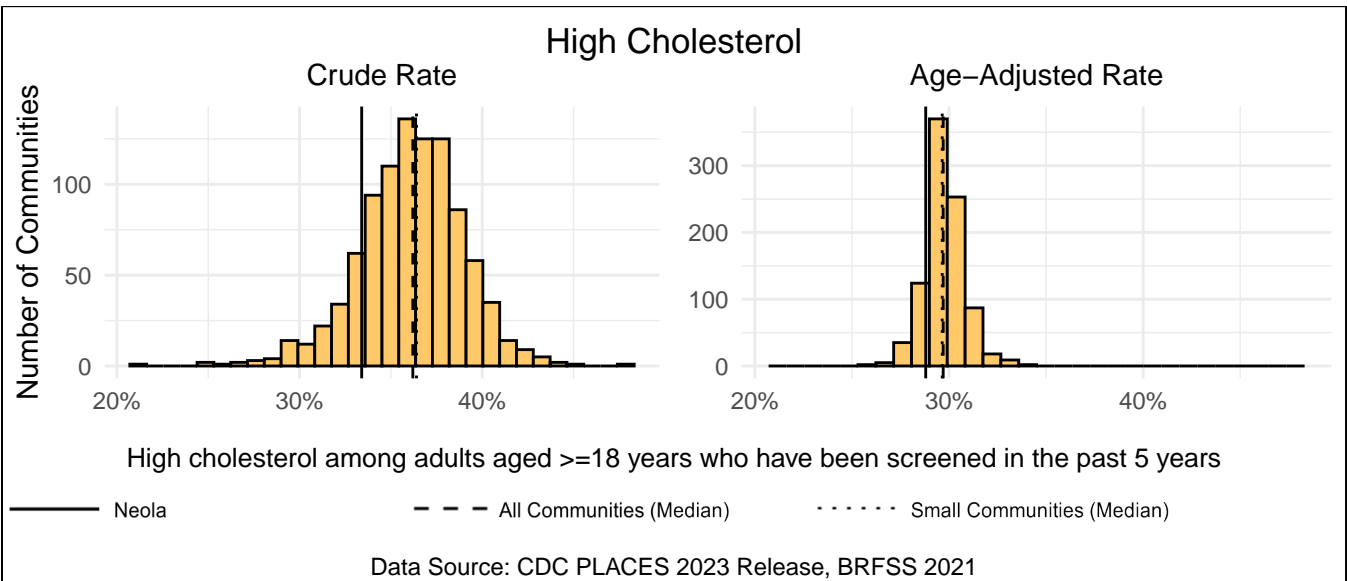
Measure Type	Neola	All Comm.	Small Comm.
Crude	9.0%	10.1%	10.0%
Age-Adjusted	8.0%	8.1%	8.1%



# High Cholesterol

Neola has a crude rate of 33.4% for high cholesterol among adults aged  $\geq 18$  years who have been screened in the past 5 years, which ranks 144th out of 958 Iowa communities (28th out of 138 small communities). The age-adjusted rate for Neola is 28.8%, which ranks 114th out of 905 Iowa communities (23rd out of 138 small communities).

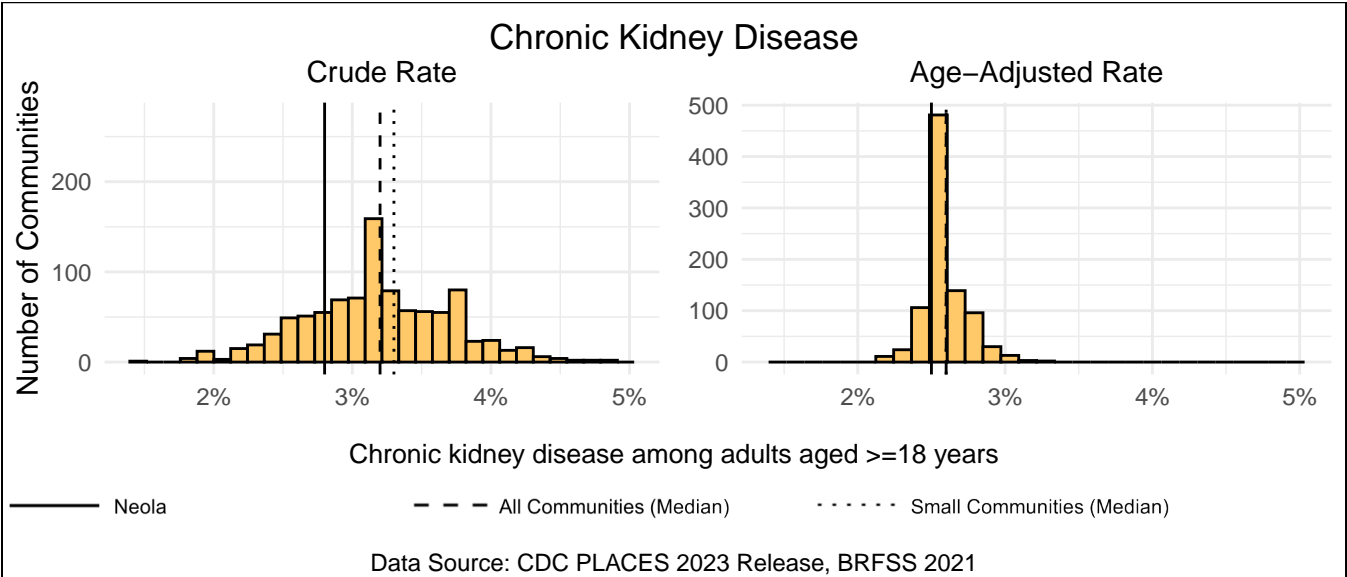
Measure Type	Neola	All Comm.	Small Comm.
Crude	33.4%	36.2%	36.4%
Age-Adjusted	28.8%	29.7%	29.6%



## Chronic Kidney Disease

Neola has a crude rate of 2.8% for chronic kidney disease among adults aged  $\geq 18$  years, which ranks 186th out of 958 Iowa communities (28th out of 138 small communities). The age-adjusted rate for Neola is 2.5%, which ranks 142nd out of 905 Iowa communities (28th out of 138 small communities).

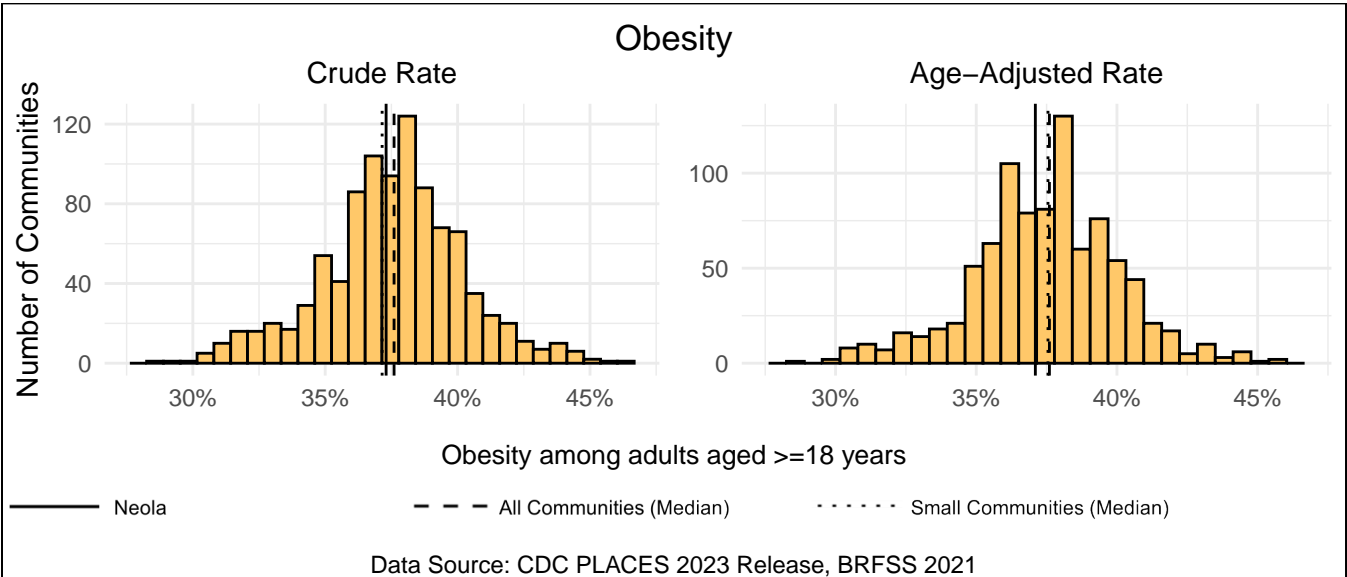
Measure Type	Neola	All Comm.	Small Comm.
Crude	2.8%	3.2%	3.3%
Age-Adjusted	2.5%	2.6%	2.6%



## Obesity

Neola has a crude rate of 37.3% for obesity among adults aged  $\geq 18$  years, which ranks 415th out of 958 Iowa communities (74th out of 138 small communities). The age-adjusted rate for Neola is 37.1%, which ranks 380th out of 905 Iowa communities (57th out of 138 small communities).

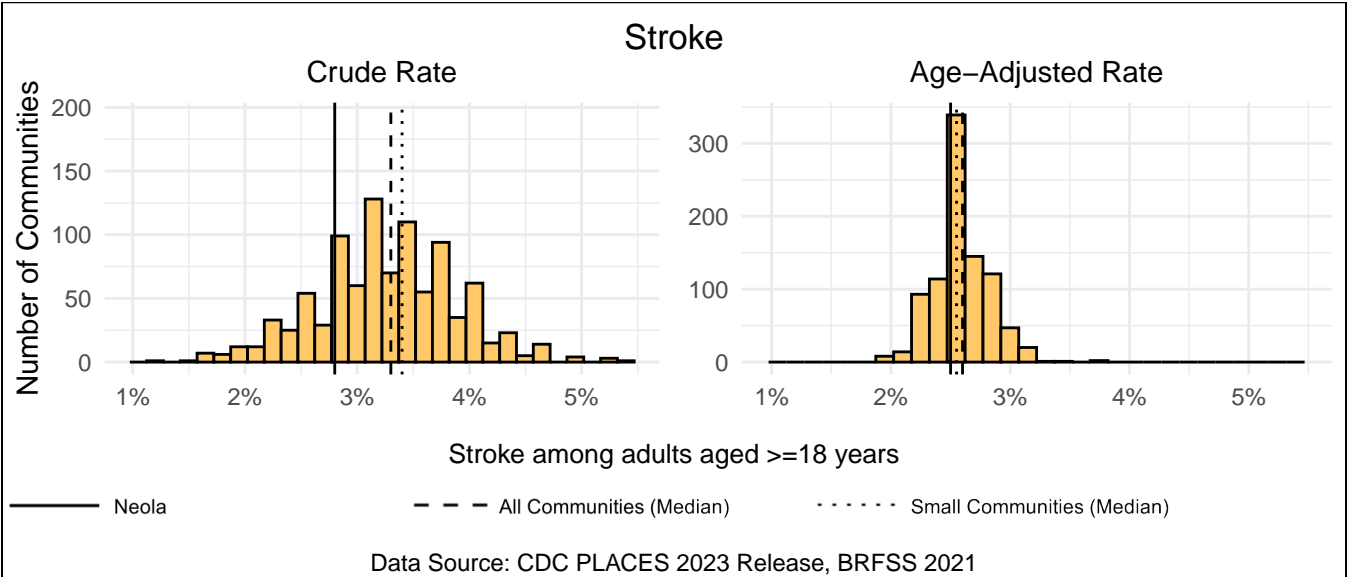
Measure Type	Neola	All Comm.	Small Comm.
Crude	37.3%	37.6%	37.2%
Age-Adjusted	37.1%	37.6%	37.5%



# Stroke

Neola has a crude rate of 2.8% for stroke among adults aged  $\geq 18$  years, which ranks 181st out of 958 Iowa communities (29th out of 138 small communities). The age-adjusted rate for Neola is 2.5%, which ranks 230th out of 905 Iowa communities (43rd out of 138 small communities).

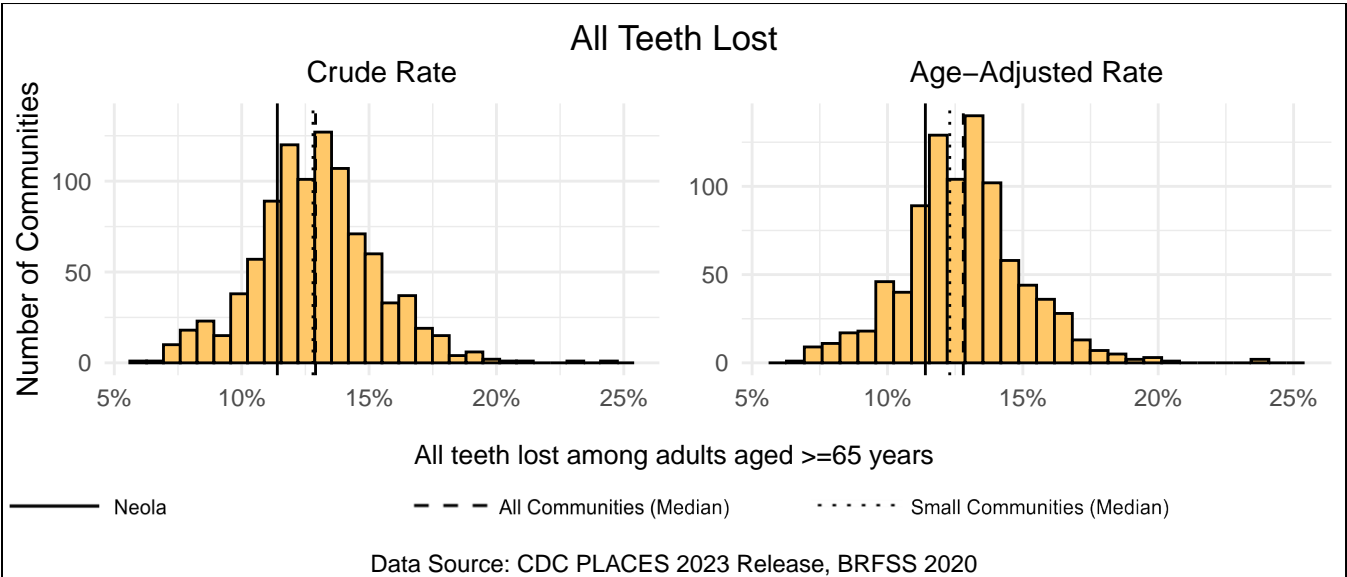
Measure Type	Neola	All Comm.	Small Comm.
Crude	2.8%	3.3%	3.4%
Age-Adjusted	2.5%	2.6%	2.5%



# All Teeth Lost

Neola has a crude rate of 11.4% for all teeth lost among adults aged  $\geq 65$  years, which ranks 224th out of 958 Iowa communities (35th out of 138 small communities). The age-adjusted rate for Neola is 11.4%, which ranks 211th out of 905 Iowa communities (39th out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	11.4%	12.9%	12.8%
Age-Adjusted	11.4%	12.8%	12.3%



# Prevention

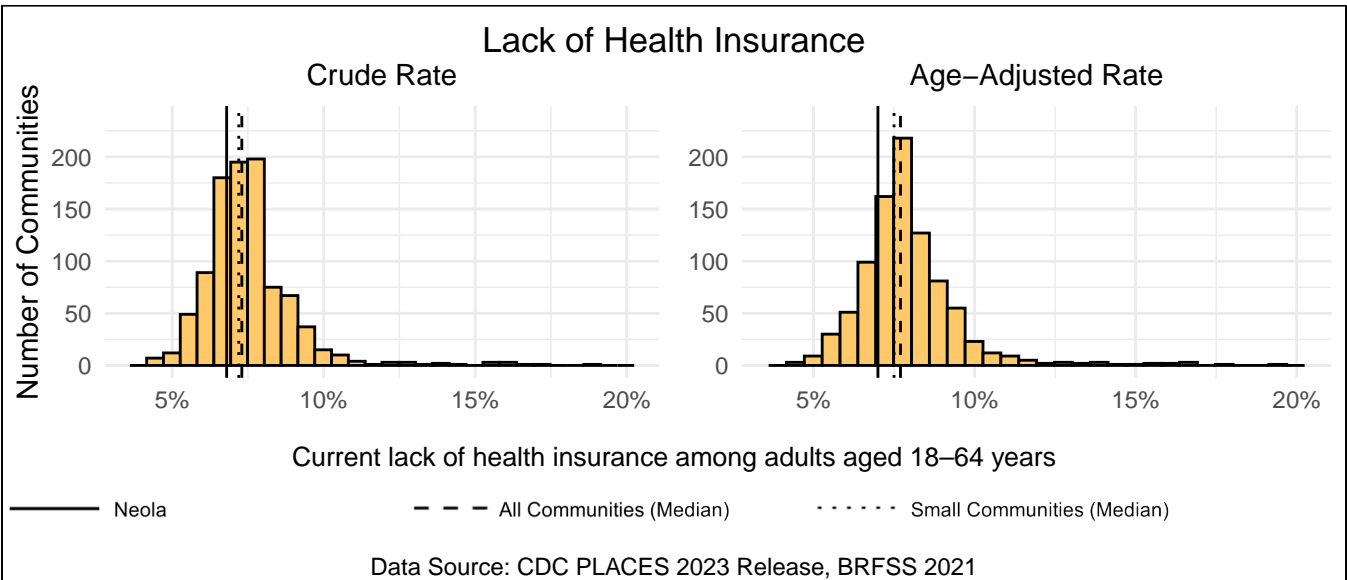
Preventive measures are another practical intervention point for public health professionals as they allow for the early detection of health conditions and improve overall treatment efficacy. This section includes a review of your community’s prevention measures, including preventive screenings and doctor 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

Neola has a crude rate of 6.8% for current lack of health insurance among adults aged 18–64 years, which ranks 255th out of 958 Iowa communities (44th out of 138 small communities). The age-adjusted rate for Neola is 7.0%, which ranks 193rd out of 905 Iowa communities (40th out of 138 small communities).

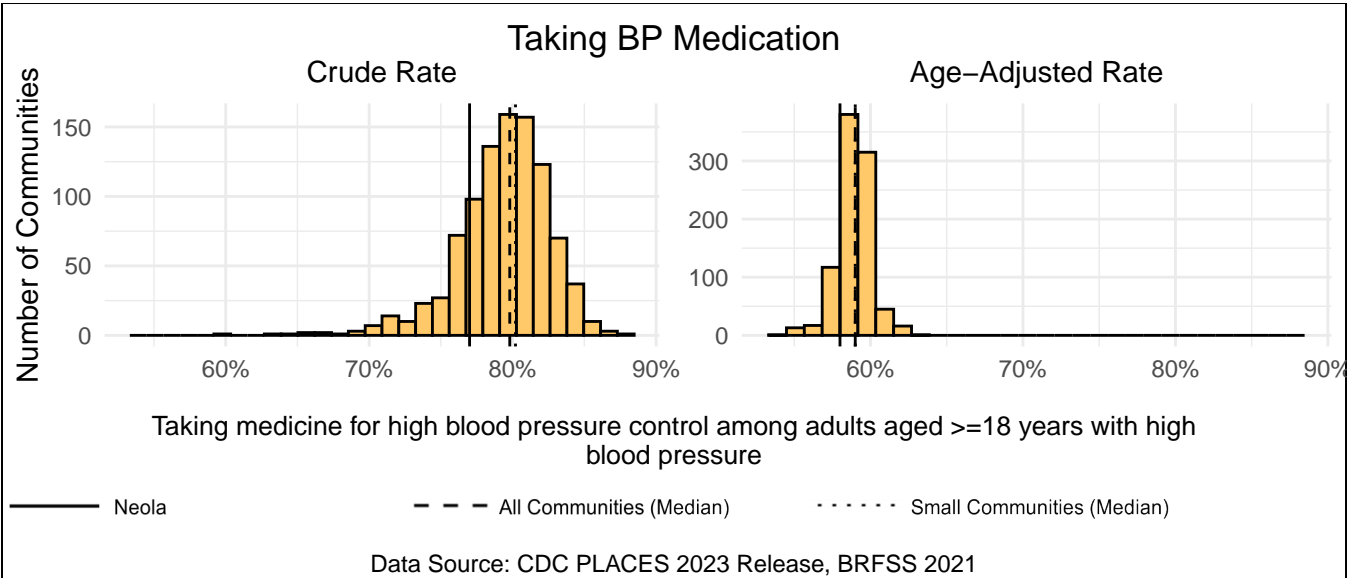
Measure Type	Neola	All Comm.	Small Comm.
Crude	6.8%	7.3%	7.2%
Age-Adjusted	7.0%	7.7%	7.5%



# Taking BP Medication

Neola has a crude rate of 77.0% for taking medicine for high blood pressure control among adults aged  $\geq 18$  years with high blood pressure, which ranks 774th out of 958 Iowa communities (113th out of 138 small communities). The age-adjusted rate for Neola is 58.0%, which ranks 758th out of 905 Iowa communities (111th out of 138 small communities).

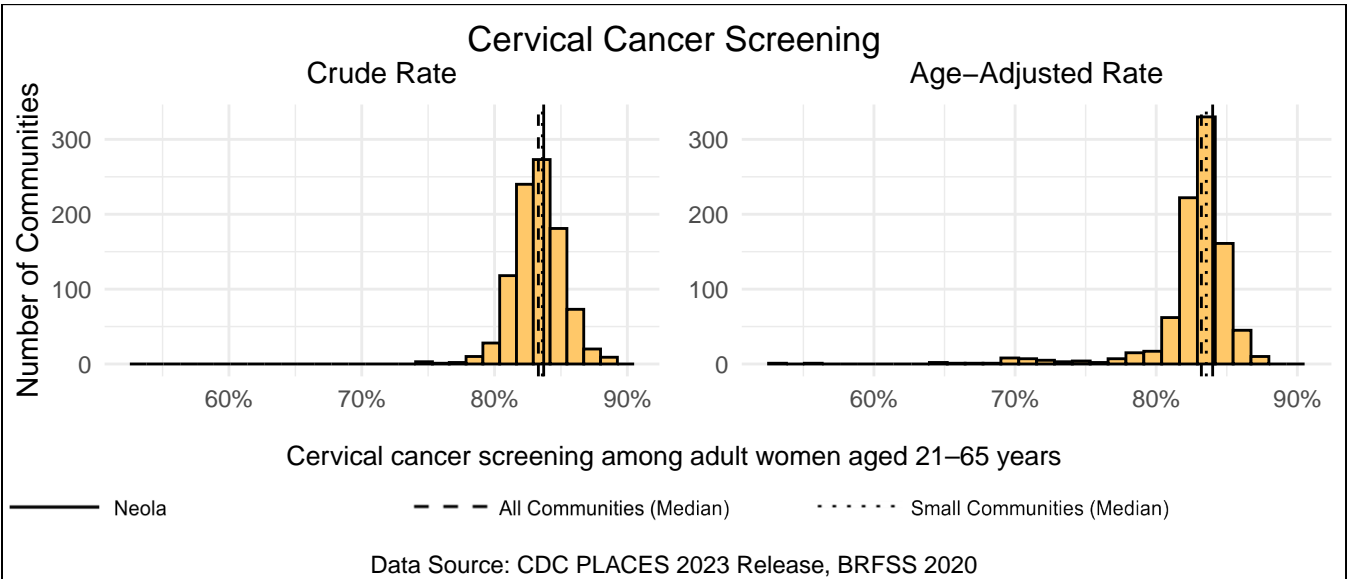
Measure Type	Neola	All Comm.	Small Comm.
Crude	77.0%	79.8%	80.2%
Age-Adjusted	58.0%	59.0%	59.0%



# Cervical Cancer Screening

Neola has a crude rate of 83.7% for cervical cancer screening among adult women aged 21–65 years, which ranks 378th out of 958 Iowa communities (63rd out of 138 small communities). The age-adjusted rate for Neola is 84.0%, which ranks 232nd out of 905 Iowa communities (47th out of 138 small communities).

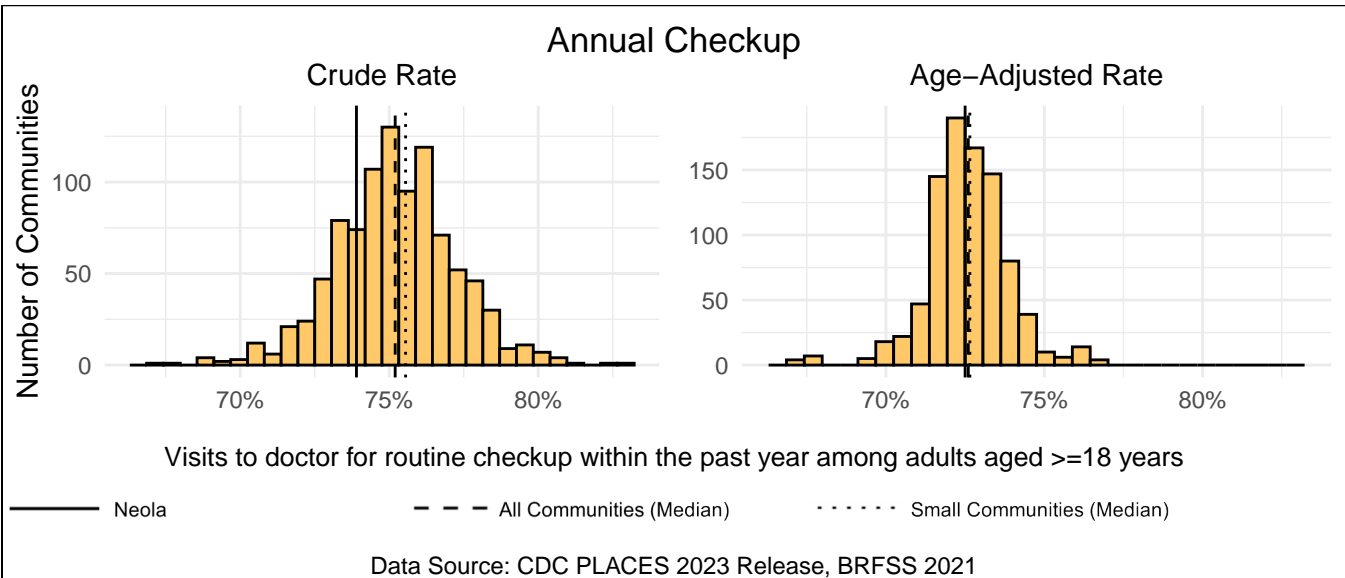
Measure Type	Neola	All Comm.	Small Comm.
Crude	83.7%	83.3%	83.6%
Age-Adjusted	84.0%	83.2%	83.5%



## Annual Checkup

Neola has a crude rate of 73.9% for visits to doctor for routine checkup within the past year among adults aged  $\geq 18$  years, which ranks 719th out of 958 Iowa communities (110th out of 138 small communities). The age-adjusted rate for Neola is 72.5%, which ranks 468th out of 905 Iowa communities (76th out of 138 small communities).

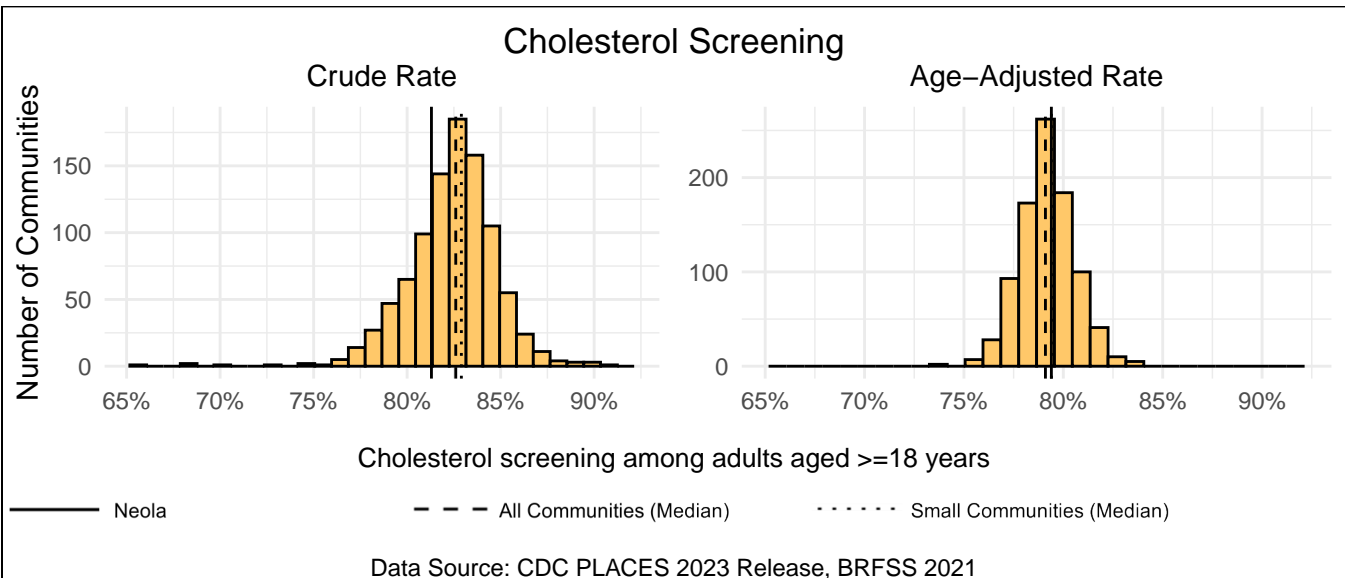
Measure Type	Neola	All Comm.	Small Comm.
Crude	73.9%	75.2%	75.5%
Age-Adjusted	72.5%	72.6%	72.6%



## Cholesterol Screening

Neola has a crude rate of 81.3% for cholesterol screening among adults aged  $\geq 18$  years, which ranks 694th out of 958 Iowa communities (111th out of 138 small communities). The age-adjusted rate for Neola is 79.4%, which ranks 364th out of 905 Iowa communities (65th out of 138 small communities).

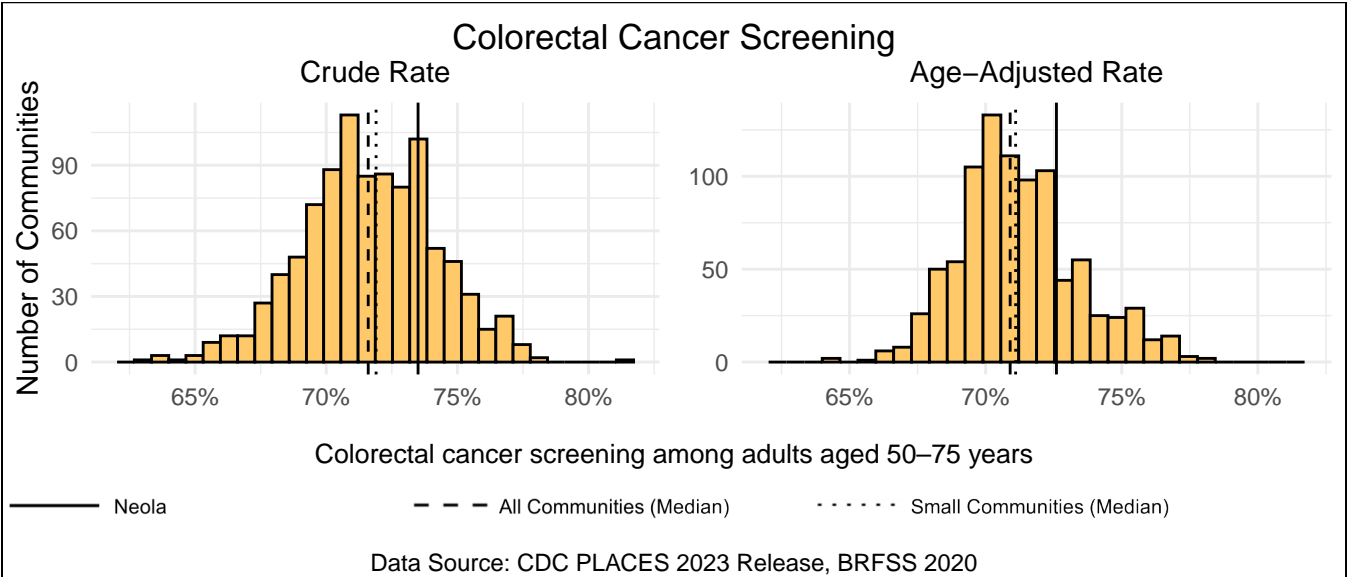
Measure Type	Neola	All Comm.	Small Comm.
Crude	81.3%	82.6%	82.9%
Age-Adjusted	79.4%	79.1%	79.4%



## Colorectal Cancer Screening

Neola has a crude rate of 73.5% for colorectal cancer screening among adults aged 50–75 years, which ranks 217th out of 958 Iowa communities (37th out of 138 small communities). The age-adjusted rate for Neola is 72.6%, which ranks 197th out of 905 Iowa communities (37th out of 138 small communities).

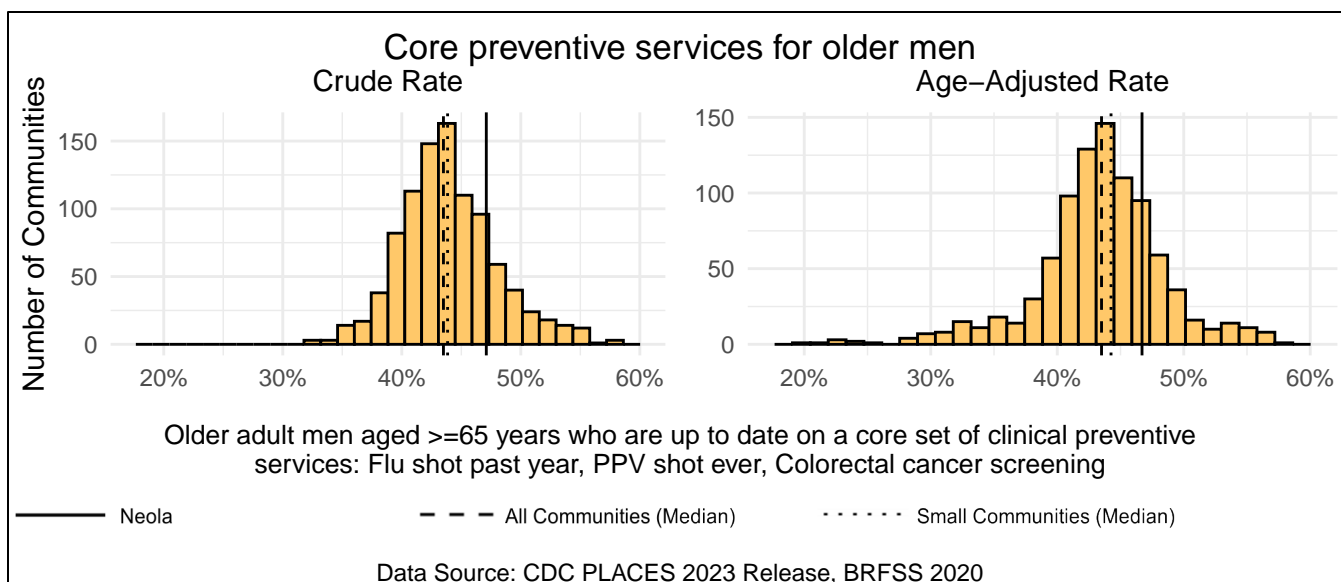
Measure Type	Neola	All Comm.	Small Comm.
Crude	73.5%	71.6%	71.9%
Age-Adjusted	72.6%	70.9%	71.1%



## Core preventive services for older men

Neola has a crude rate of 47.1% for older adult men 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, which ranks 183rd out of 958 Iowa communities (22nd out of 138 small communities). The age-adjusted rate for Neola is 46.7%, which ranks 194th out of 905 Iowa communities (29th out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	47.1%	43.5%	43.8%
Age-Adjusted	46.7%	43.5%	44.2%

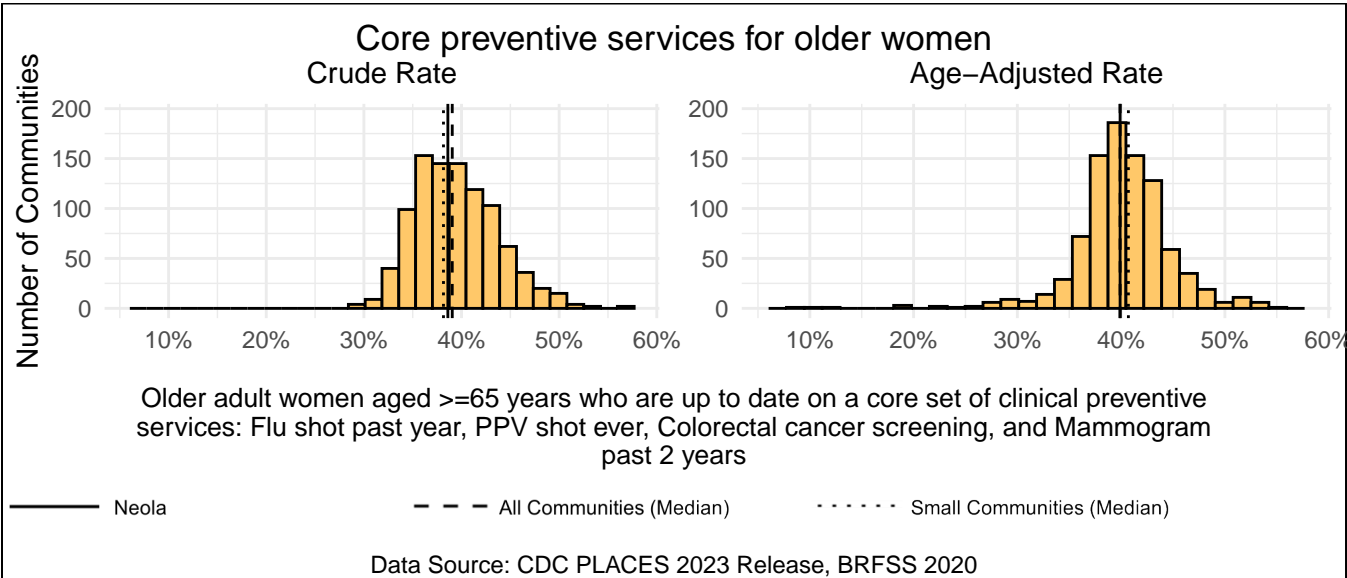




### Core preventive services for older women

Neola has a crude rate of 38.6% 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 519th out of 958 Iowa communities (66th out of 138 small communities). The age-adjusted rate for Neola is 39.9%, which ranks 447th out of 905 Iowa communities (75th out of 138 small communities).

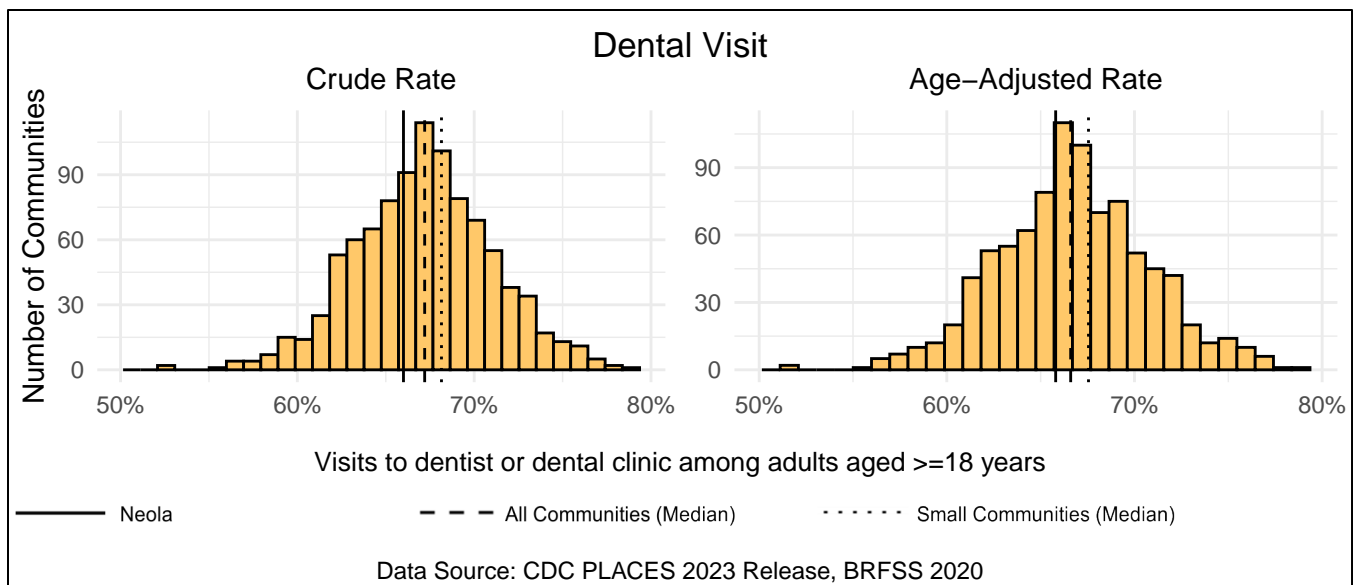
Measure Type	Neola	All Comm.	Small Comm.
Crude	38.6%	39.0%	38.2%
Age-Adjusted	39.9%	39.9%	40.7%



### Dental Visit

Neola has a crude rate of 66.0% for visits to dentist or dental clinic among adults aged  $\geq 18$  years, which ranks 602nd out of 958 Iowa communities (98th out of 138 small communities). The age-adjusted rate for Neola is 65.8%, which ranks 547th out of 905 Iowa communities (91st out of 138 small communities).

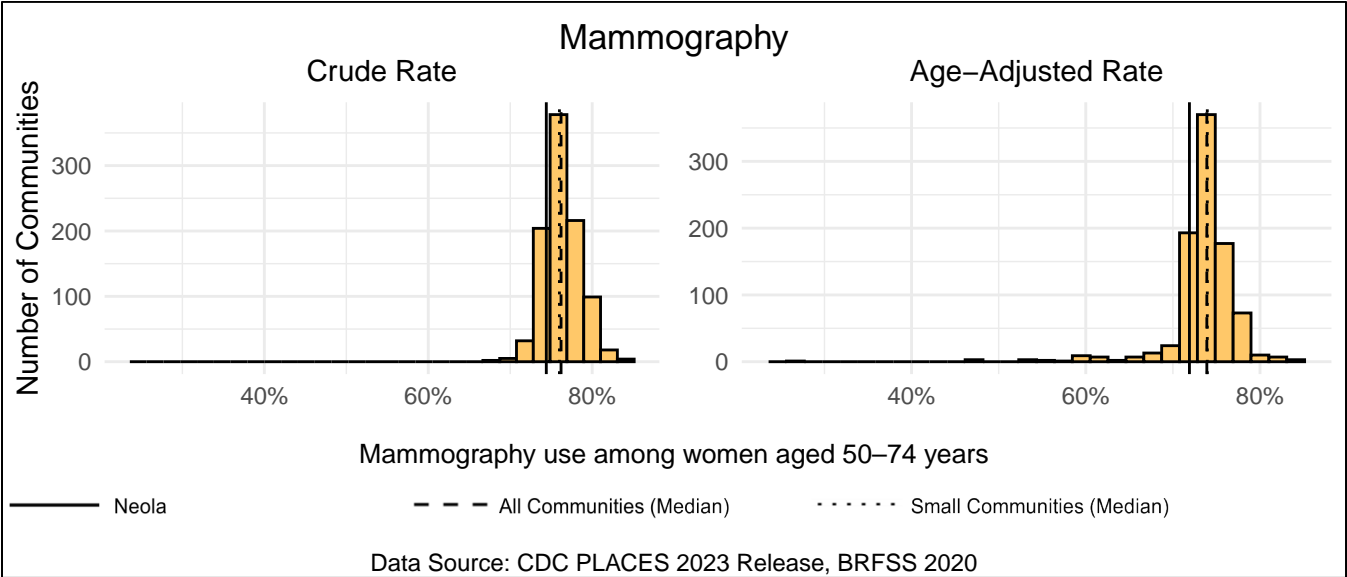
Measure Type	Neola	All Comm.	Small Comm.
Crude	66.0%	67.2%	68.2%
Age-Adjusted	65.8%	66.6%	67.5%



# Mammography

Neola has a crude rate of 74.4% for mammography use among women aged 50–74 years, which ranks 772nd out of 958 Iowa communities (112th out of 138 small communities). The age-adjusted rate for Neola is 71.9%, which ranks 757th out of 905 Iowa communities (116th out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	74.4%	76.2%	76.0%
Age-Adjusted	71.9%	73.9%	74.0%



# Disability

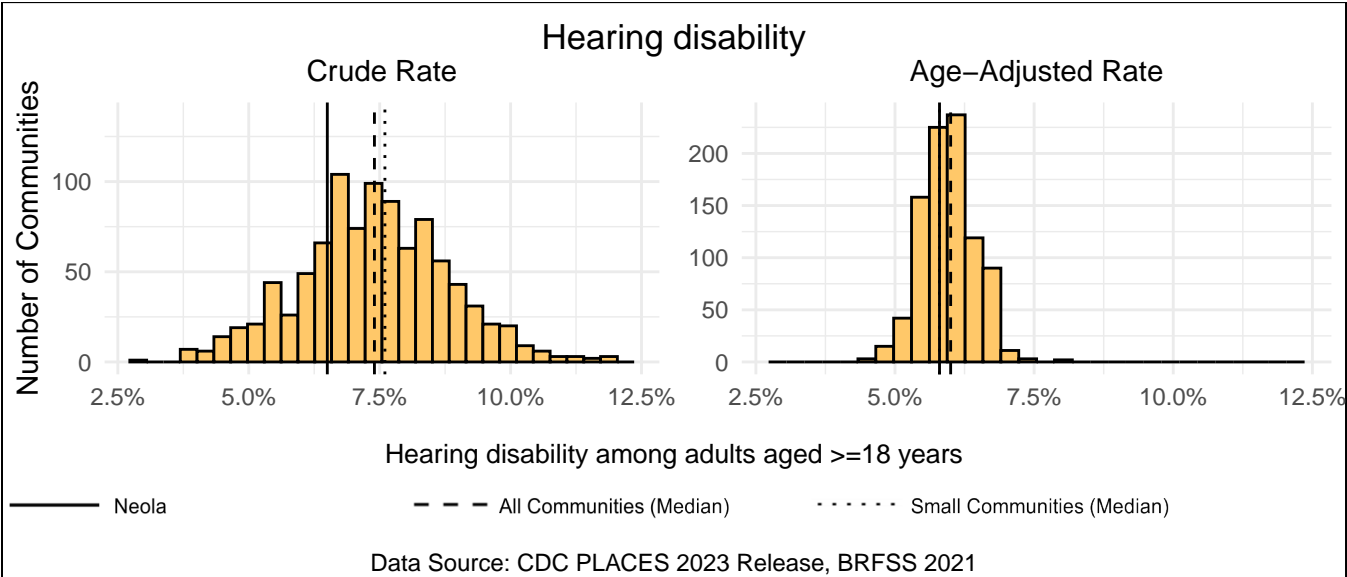
This section includes measures of physical and cognitive disabilities. Respondents were asked to report on six disabilities: hearing, vision, cognition, mobility, self-care, and independent living. The final measure reports the rate of respondents that answered yes to any of the previous six disabilities.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

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

## Hearing disability

Neola has a crude rate of 6.5% for hearing disability among adults aged  $\geq 18$  years, which ranks 232nd out of 958 Iowa communities (34th out of 138 small communities). The age-adjusted rate for Neola is 5.8%, which ranks 287th out of 905 Iowa communities (63rd out of 138 small communities).

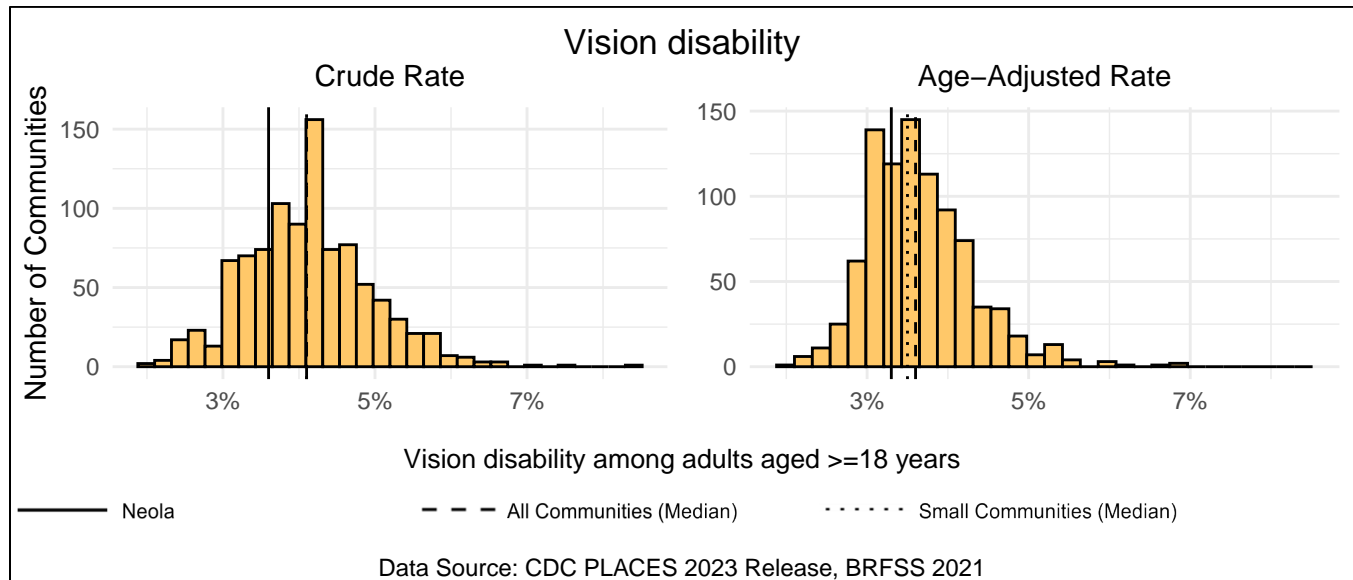
Measure Type	Neola	All Comm.	Small Comm.
Crude	6.5%	7.4%	7.6%
Age-Adjusted	5.8%	6.0%	5.8%



## Vision disability

Neola has a crude rate of 3.6% for vision disability among adults aged  $\geq 18$  years, which ranks 229th out of 958 Iowa communities (36th out of 138 small communities). The age-adjusted rate for Neola is 3.3%, which ranks 245th out of 905 Iowa communities (43rd out of 138 small communities).

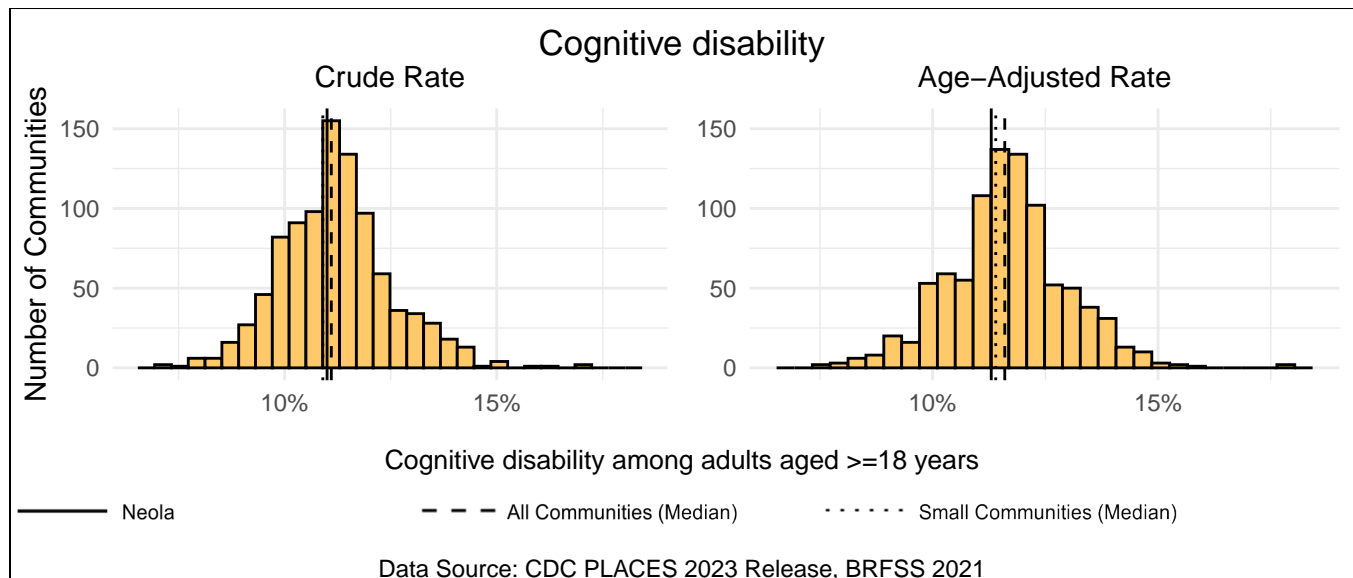
Measure Type	Neola	All Comm.	Small Comm.
Crude	3.6%	4.1%	4.1%
Age-Adjusted	3.3%	3.6%	3.5%



## Cognitive disability

Neola has a crude rate of 11.0% for cognitive disability among adults aged  $\geq 18$  years, which ranks 413th out of 958 Iowa communities (71st out of 138 small communities). The age-adjusted rate for Neola is 11.3%, which ranks 331st out of 905 Iowa communities (60th out of 138 small communities).

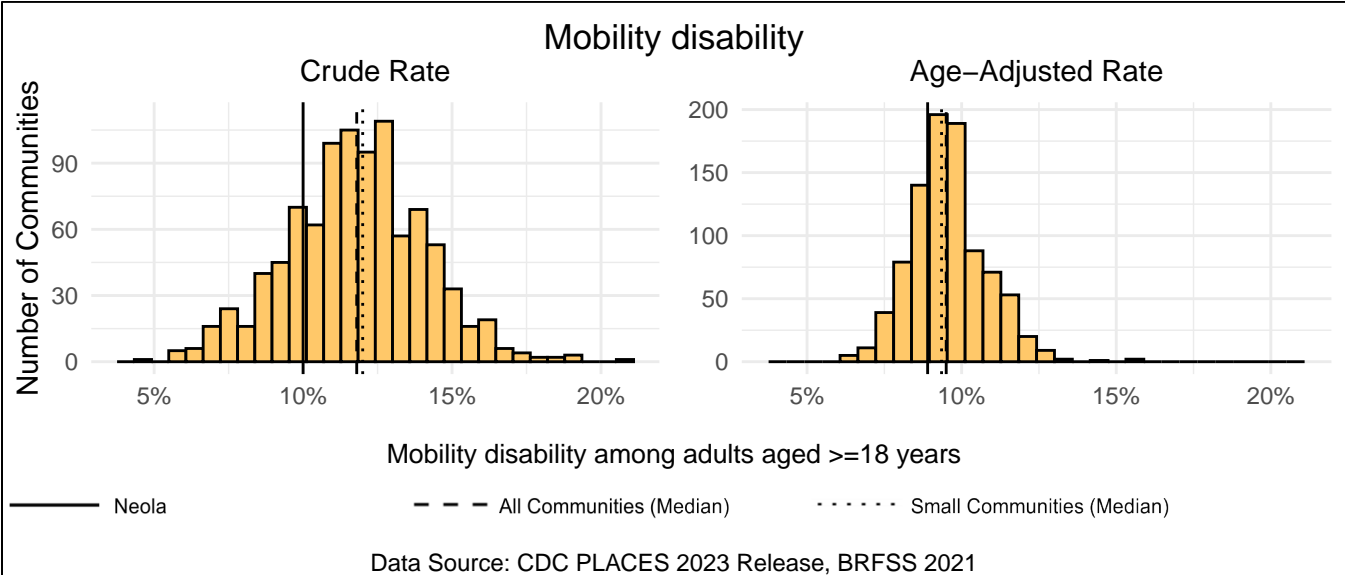
Measure Type	Neola	All Comm.	Small Comm.
Crude	11.0%	11.1%	10.9%
Age-Adjusted	11.3%	11.6%	11.4%



## Mobility disability

Neola has a crude rate of 10.0% for mobility disability among adults aged  $\geq 18$  years, which ranks 203rd out of 958 Iowa communities (33rd out of 138 small communities). The age-adjusted rate for Neola is 8.9%, which ranks 248th out of 905 Iowa communities (49th out of 138 small communities).

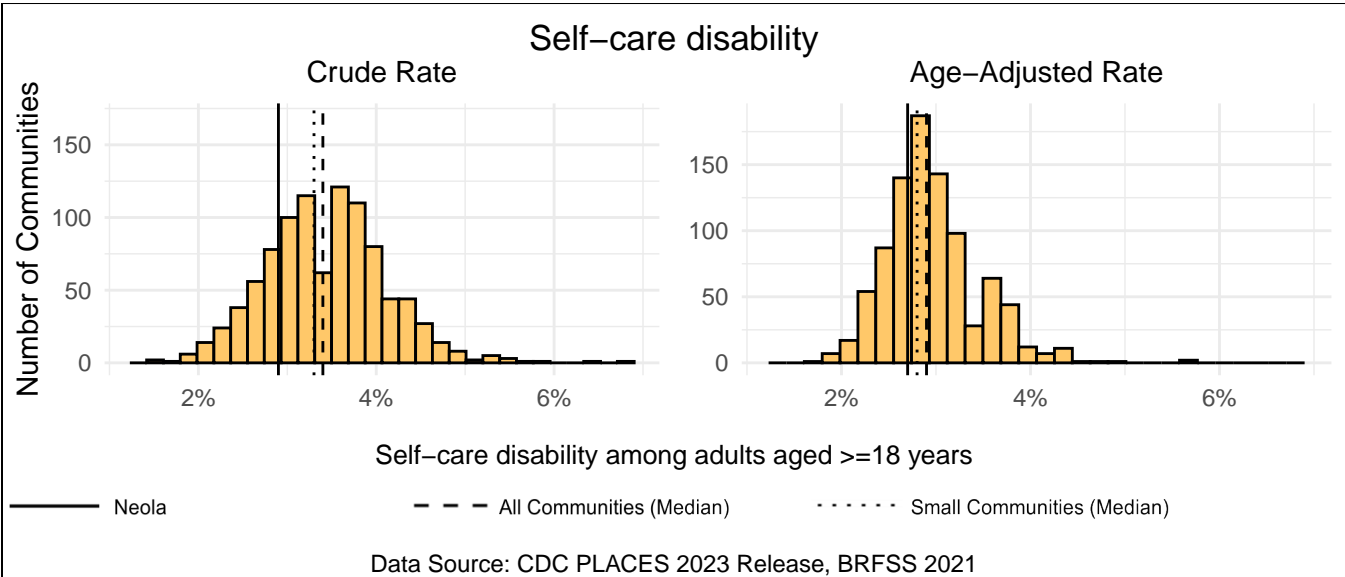
Measure Type	Neola	All Comm.	Small Comm.
Crude	10.0%	11.8%	12.0%
Age-Adjusted	8.9%	9.5%	9.4%



## Self-care disability

Neola has a crude rate of 2.9% for self-care disability among adults aged  $\geq 18$  years, which ranks 179th out of 958 Iowa communities (30th out of 138 small communities). The age-adjusted rate for Neola is 2.7%, which ranks 248th out of 905 Iowa communities (45th out of 138 small communities).

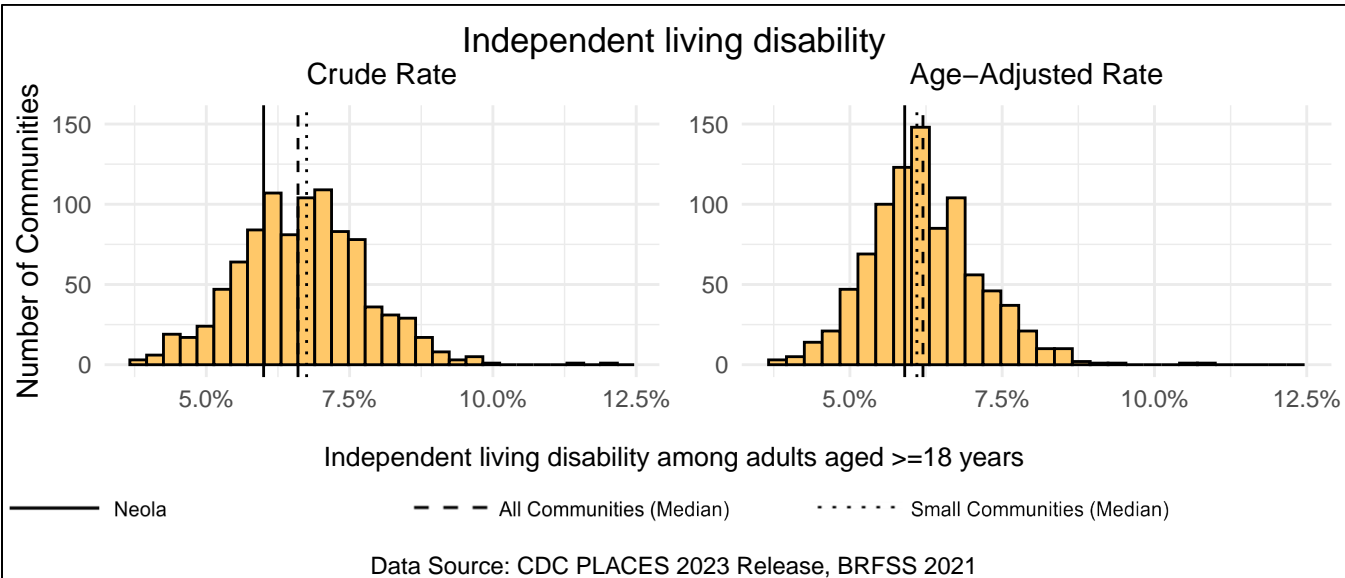
Measure Type	Neola	All Comm.	Small Comm.
Crude	2.9%	3.4%	3.3%
Age-Adjusted	2.7%	2.9%	2.8%



### Independent living disability

Neola has a crude rate of 6.0% for independent living disability among adults aged  $\geq 18$  years, which ranks 227th out of 958 Iowa communities (34th out of 138 small communities). The age-adjusted rate for Neola is 5.9%, which ranks 291st out of 905 Iowa communities (53rd out of 138 small communities).

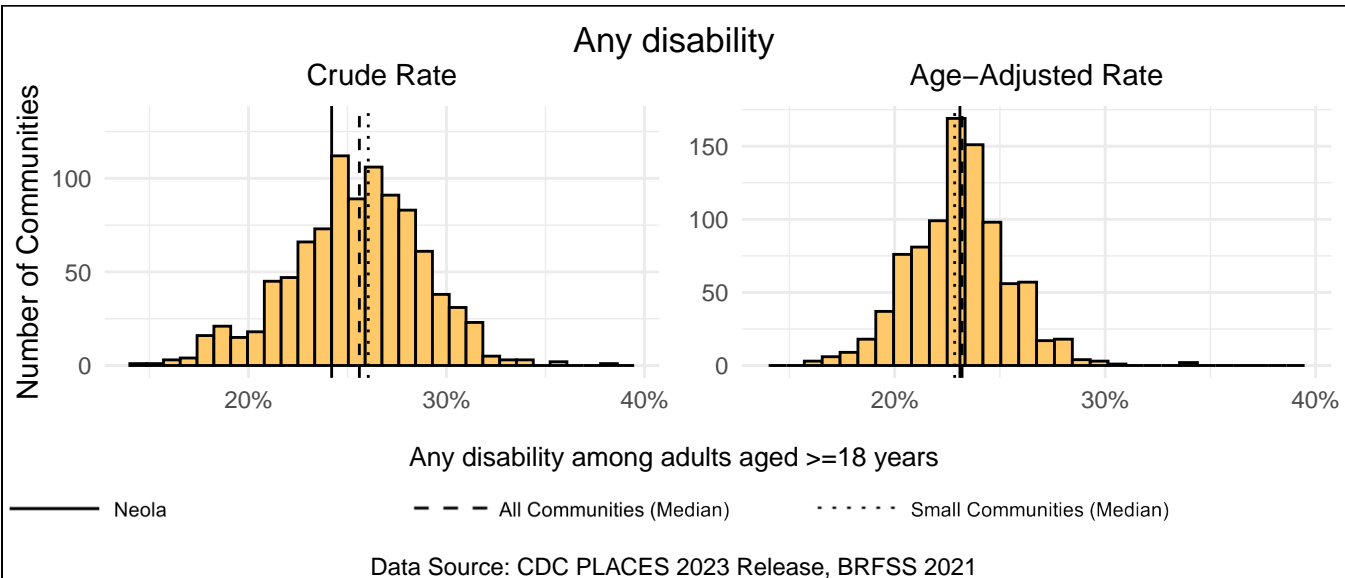
Measure Type	Neola	All Comm.	Small Comm.
Crude	6.0%	6.6%	6.8%
Age-Adjusted	5.9%	6.2%	6.1%



### Any disability

Neola has a crude rate of 24.2% for any disability among adults aged  $\geq 18$  years, which ranks 311th out of 958 Iowa communities (44th out of 138 small communities). The age-adjusted rate for Neola is 23.1%, which ranks 430th out of 905 Iowa communities (74th out of 138 small communities).

Measure Type	Neola	All Comm.	Small Comm.
Crude	24.2%	25.6%	26.0%
Age-Adjusted	23.1%	23.2%	22.8%



---

## 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: Neola 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	208	12.6% (10.6% - 15.0%)	260	11.9% (9.9% - 14.2%)
Health Status	Mental Health	646	14.8% (12.6% - 17.0%)	405	15.5% (13.3% - 17.7%)
Health Status	Physical Health	221	9.9% (8.4% - 11.6%)	300	9.4% (8.1% - 11.0%)
Health Risk Behaviors	Sleep <7 hours	708	31.4% (29.8% - 33.0%)	613	31.8% (30.0% - 33.4%)
Health Risk Behaviors	Current Smoking	316	16.1% (12.8% - 20.0%)	230	16.4% (13.1% - 20.1%)
Health Risk Behaviors	Binge Drinking	769	21.3% (18.1% - 24.6%)	668	22.7% (19.4% - 26.2%)
Health Risk Behaviors	Physical Inactivity	174	23.0% (19.1% - 27.4%)	203	22.3% (18.2% - 26.5%)
Health Outcomes	High Blood Pressure	293	30.4% (27.0% - 34.2%)	542	27.7% (24.5% - 31.0%)
Health Outcomes	Diabetes	224	9.0% (7.7% - 10.5%)	347	8.0% (6.8% - 9.3%)
Health Outcomes	Coronary Heart Disease	220	5.6% (4.8% - 6.5%)	324	4.9% (4.2% - 5.6%)
Health Outcomes	Current Asthma	524	9.4% (8.3% - 10.7%)	415	9.5% (8.4% - 10.8%)
Health Outcomes	Obesity	415	37.3% (31.9% - 42.8%)	380	37.1% (31.9% - 42.4%)
Health Outcomes	All Teeth Lost	224	11.4% (7.2% - 16.8%)	211	11.4% (7.3% - 16.8%)
Health Outcomes	COPD	232	6.6% (5.5% - 7.9%)	305	6.0% (4.9% - 7.1%)
Health Outcomes	Arthritis	293	26.0% (22.8% - 29.6%)	550	23.5% (20.5% - 26.7%)
Health Outcomes	Cancer (except skin)	276	7.4% (6.6% - 8.2%)	418	6.5% (5.8% - 7.2%)
Health Outcomes	Chronic Kidney Disease	186	2.8% (2.5% - 3.1%)	142	2.5% (2.3% - 2.8%)
Health Outcomes	High Cholesterol	144	33.4% (29.7% - 37.1%)	114	28.8% (25.2% - 32.6%)
Health Outcomes	Stroke	181	2.8% (2.4% - 3.2%)	230	2.5% (2.2% - 2.8%)
Health Outcomes	Depression	424	17.9% (15.0% - 21.1%)	218	18.5% (15.5% - 21.8%)
Prevention	Mammography	772	74.4% (70.2% - 78.3%)	757	71.9% (67.4% - 76.1%)
Prevention	Dental Visit	602	66.0% (62.6% - 69.6%)	547	65.8% (62.2% - 69.6%)
Prevention	Core preventive services for older men	183	47.1% (39.5% - 55.2%)	194	46.7% (39.7% - 54.6%)
Prevention	Health Insurance	255	6.8% (5.3% - 8.9%)	193	7.0% (5.2% - 9.0%)
Prevention	Annual Checkup	719	73.9% (69.8% - 77.7%)	468	72.5% (68.3% - 76.6%)
Prevention	Taking BP Medication	774	77.0% (73.6% - 80.1%)	758	58.0% (53.3% - 62.7%)

Category	Health Domain	Crude Rate Rank	Crude Rate (95% CI)	Age-Adj. Rate Rank	Age-Adj. Rate (95% CI)
Prevention	Cervical Cancer Screening	378	83.7% (81.3% - 86.2%)	232	84.0% (81.6% - 86.6%)
Prevention	Colorectal Cancer Screening	217	73.5% (70.6% - 76.4%)	197	72.6% (69.5% - 75.7%)
Prevention	Core preventive services for older women	519	38.6% (31.2% - 46.6%)	447	39.9% (32.5% - 47.8%)
Prevention	Cholesterol Screening	694	81.3% (78.3% - 84.3%)	364	79.4% (76.1% - 82.7%)
Disability	Cognitive Disability	413	11.0% (9.3% - 13.1%)	331	11.3% (9.5% - 13.3%)
Disability	Hearing Disability	232	6.5% (5.7% - 7.4%)	287	5.8% (5.0% - 6.5%)
Disability	Self-care Disability	179	2.9% (2.5% - 3.4%)	248	2.7% (2.3% - 3.2%)
Disability	Independent Living Disability	227	6.0% (5.1% - 7.1%)	291	5.9% (4.9% - 6.9%)
Disability	Mobility Disability	203	10.0% (8.4% - 11.9%)	248	8.9% (7.4% - 10.5%)
Disability	Vision Disability	229	3.6% (3.0% - 4.2%)	245	3.3% (2.8% - 3.9%)
Disability	Any Disability	311	24.2% (20.9% - 28.2%)	430	23.1% (19.6% - 26.7%)

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)

Neola 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		