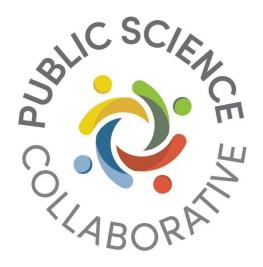


# **Iowa Community Health Snapshot Series**

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**

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# Health in Reinbeck: Overview

Dear Community Members & Stakeholders of Reinbeck,

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 Reinbeck ranks across various health measures compared to the rest of the state and similarly-sized communities. This comparison allows us to identify Reinbeck'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 lowa communities and communities of similar size to Reinbeck. 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<br>Community<br>Rank | Small<br>Community<br>Rank | Health Domain          | Statewide<br>Community<br>Rank | Small<br>Community<br>Rank |  |
| Current Smoking | 58th                           | 10th                       | High Cholesterol       | 71st                           | 16th                       |  |
| Mental Health   | 80th                           | 11th                       | Coronary Heart Disease | 78th                           | 14th                       |  |
| Annual Checkup  | 95th                           | 19th                       | Hearing Disability     | 110th                          | 21st                       |  |
| Sleep <7 hours  | 100th                          | 21st                       | Annual Checkup         | 110th                          | 26th                       |  |
| Depression      | 106th                          | 19th                       | Physical Inactivity    | 111th                          | 22nd                       |  |

# **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<br>Community<br>Rank | Small<br>Community<br>Rank | Health Domain                          | Statewide<br>Community<br>Rank | Small<br>Community<br>Rank |  |
| Mammography                            | 822nd                          | 117th                      | Binge Drinking                         | 811th                          | 125th                      |  |
| Cancer (except skin)                   | 790th                          | 95th                       | Core preventive services for older men | 700th                          | 118th                      |  |
| Core preventive services for older men | 774th                          | 117th                      | Mammography                            | 676th                          | 103rd                      |  |
| Arthritis                              | 695th                          | 92nd                       | Taking BP Medication                   | 537th                          | 81st                       |  |
| Hearing Disability                     | 620th                          | 73rd                       | Arthritis                              | 494th                          | 72nd                       |  |

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 Reinbeck.

Sincerely,

Show On

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**

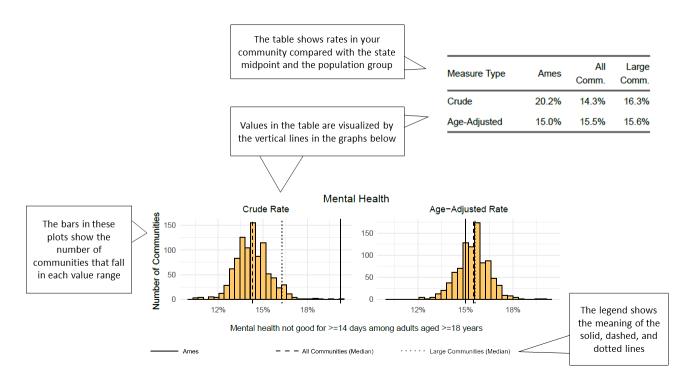
The purpose of the lowa Community Health Snapshot Series is to provide an overview of health in Reinbeck that can be used to help inform health-related interventions and programming. This report contains five sections, including the overall health status of Reinbeck, a review of risky behaviors in the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

With a population of 1,784, Reinbeck's similarly sized communities are defined as small communities. In lowa, 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 lowa 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 lowa 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, lowa. 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**

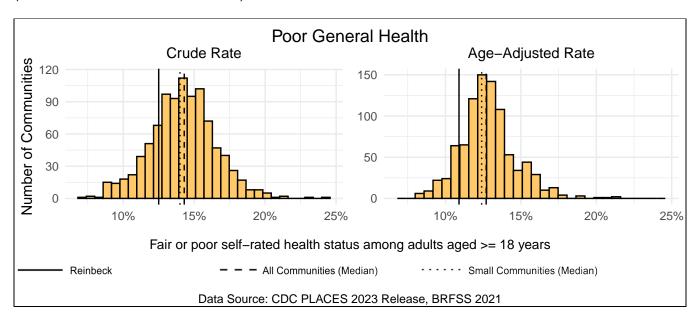
This section reflects measures for overall health, including general, physical, and mental health. These measures are a valuable way to see a simple summary of the health of a country's population. The questions to calculate these measures ask respondents to evaluate their health status. General health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

Reinbeck has a crude rate of 12.5% for fair or poor selfrated health status among adults aged >= 18 years, which ranks 196th out of 958 lowa communities (34th out of 138 small communities). The age-adjusted rate for Reinbeck is 10.9%, which ranks 117th out of 905 lowa communities (20th out of 138 small communities).

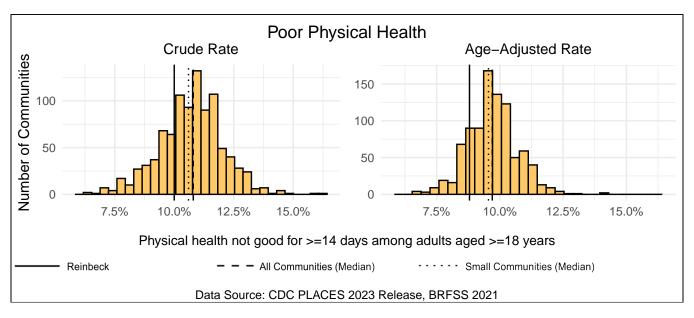
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 12.5%    | 14.3%        | 14.0%          |
| Age-Adjusted | 10.9%    | 12.7%        | 12.4%          |



#### **Poor Physical Health**

Reinbeck has a crude rate of 10.0% for physical health not good for >=14 days among adults aged >=18 years, which ranks 245th out of 958 lowa communities (41st out of 138 small communities). The age-adjusted rate for Reinbeck is 8.8%, which ranks 140th out of 905 lowa communities (26th out of 138 small communities).

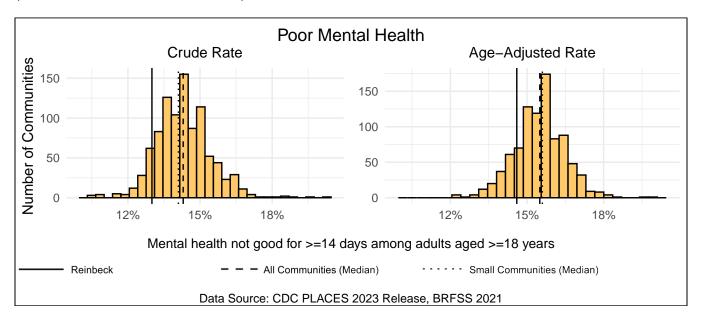
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 10.0%    | 10.8%        | 10.6%          |
| Age-Adjusted | 8.8%     | 9.7%         | 9.6%           |



#### **Poor Mental Health**

Reinbeck has a crude rate of 13.0% for mental health not good for >=14 days among adults aged >=18 years, which ranks 80th out of 958 lowa communities (11th out of 138 small communities). The age-adjusted rate for Reinbeck is 14.6%, which ranks 140th out of 905 lowa communities (27th out of 138 small communities).

| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 13.0%    | 14.3%        | 14.1%          |
| Age-Adjusted | 14.6%    | 15.5%        | 15.6%          |



# **Health Risk Behaviors**

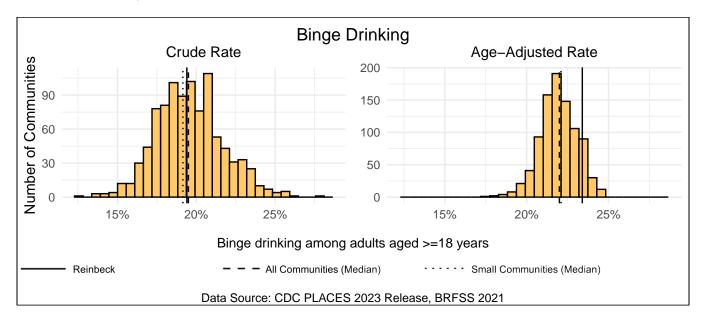
Health risk measures are measures of individual behaviors that can lead to poor health outcomes. These include binge drinking, current smoking, physical inactivity, and getting less than seven hours of nightly sleep. Risk behaviors are the most critical intervention points as they can help save lives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

Reinbeck has a crude rate of 19.4% for binge drinking among adults aged >=18 years, which ranks 459th out of 958 lowa communities (74th out of 138 small communities). The age-adjusted rate for Reinbeck is 23.4%, which ranks 811th out of 905 lowa communities (125th out of 138 small communities).

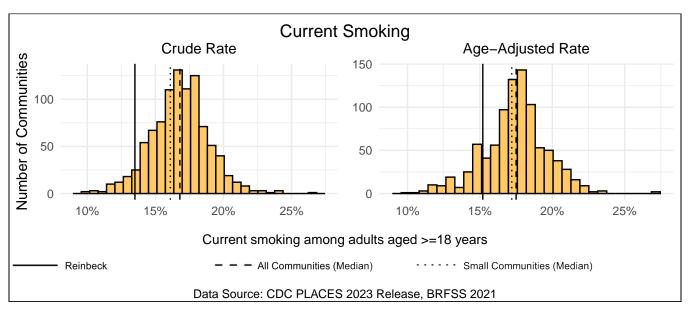
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 19.4%    | 19.5%        | 19.1%          |
| Age-Adjusted | 23.4%    | 22.0%        | 22.1%          |



#### **Current Smoking**

Reinbeck has a crude rate of 13.5% for current smoking among adults aged >=18 years, which ranks 58th out of 958 lowa communities (10th out of 138 small communities). The age-adjusted rate for Reinbeck is 15.2%, which ranks 133rd out of 905 lowa communities (27th out of 138 small communities).

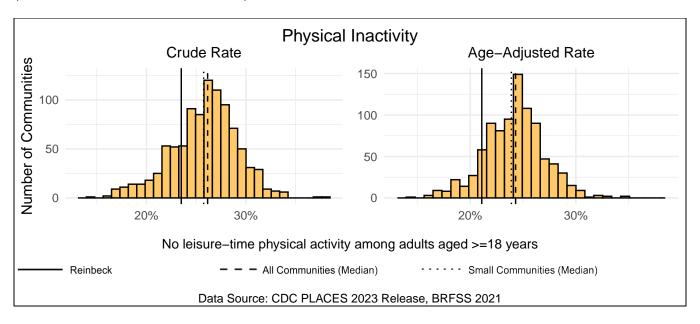
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 13.5%    | 16.8%        | 16.1%          |
| Age-Adjusted | 15.2%    | 17.5%        | 17.2%          |



#### **Physical Inactivity**

Reinbeck has a crude rate of 23.5% for no leisure-time physical activity among adults aged >=18 years, which ranks 217th out of 958 lowa communities (38th out of 138 small communities). The age-adjusted rate for Reinbeck is 21.1%, which ranks 111th out of 905 lowa communities (22nd out of 138 small communities).

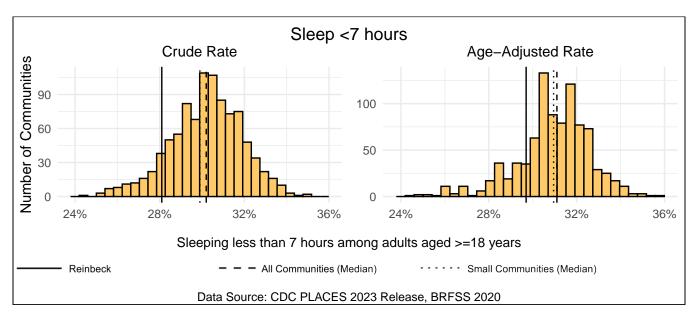
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 23.5%    | 26.1%        | 25.8%          |
| Age-Adjusted | 21.1%    | 24.3%        | 23.9%          |



## Sleep <7 hours

Reinbeck has a crude rate of 28.1% for sleeping less than 7 hours among adults aged >=18 years, which ranks 100th out of 958 lowa communities (21st out of 138 small communities). The age-adjusted rate for Reinbeck is 29.7%, which ranks 162nd out of 905 lowa communities (33rd out of 138 small communities).

| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 28.1%    | 30.2%        | 29.9%          |
| Age-Adjusted | 29.7%    | 31.1%        | 31.0%          |



## **Health Outcomes**

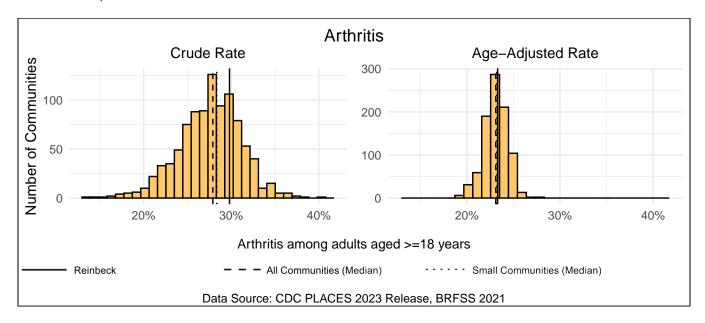
This section includes measures about specific health outcomes such as chronic illness, mental health conditions, and risk factors for future disease. Health outcome measures include but are not limited to arthritis, high blood pressure, cancer, depression, and obesity. Each measure is the percentage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

Reinbeck has a crude rate of 29.8% for arthritis among adults aged >=18 years, which ranks 695th out of 958 lowa communities (92nd out of 138 small communities). The age-adjusted rate for Reinbeck is 23.3%, which ranks 494th out of 905 lowa communities (72nd out of 138 small communities).

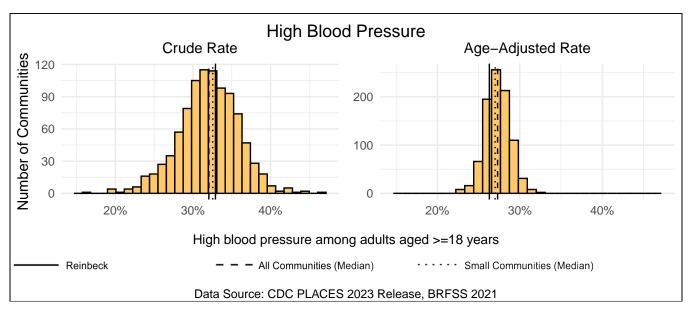
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 29.8%    | 27.9%        | 28.4%          |
| Age-Adjusted | 23.3%    | 23.1%        | 23.2%          |



#### **High Blood Pressure**

Reinbeck has a crude rate of 32.9% for high blood pressure among adults aged >=18 years, which ranks 565th out of 958 lowa communities (74th out of 138 small communities). The age-adjusted rate for Reinbeck is 26.3%, which ranks 230th out of 905 lowa communities (33rd out of 138 small communities).

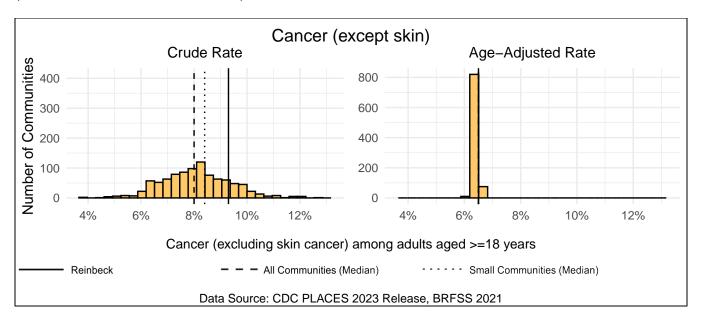
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 32.9%    | 32.0%        | 32.5%          |
| Age-Adjusted | 26.3%    | 27.3%        | 27.0%          |



#### Cancer (except skin)

Reinbeck has a crude rate of 9.3% for cancer (excluding skin cancer) among adults aged >=18 years, which ranks 790th out of 958 lowa communities (95th out of 138 small communities). The age-adjusted rate for Reinbeck is 6.5%, which ranks 418th out of 905 lowa communities (41st out of 138 small communities).

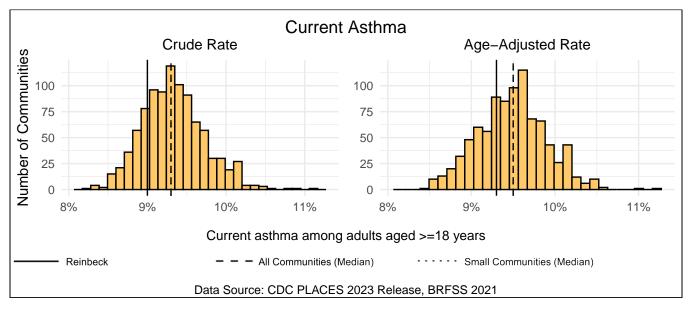
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 9.3%     | 8.0%         | 8.4%           |
| Age-Adjusted | 6.5%     | 6.5%         | 6.5%           |



#### **Current Asthma**

Reinbeck has a crude rate of 9.0% for current asthma among adults aged >=18 years, which ranks 137th out of 958 lowa communities (24th out of 138 small communities). The age-adjusted rate for Reinbeck is 9.3%, which ranks 241st out of 905 lowa communities (34th out of 138 small communities).

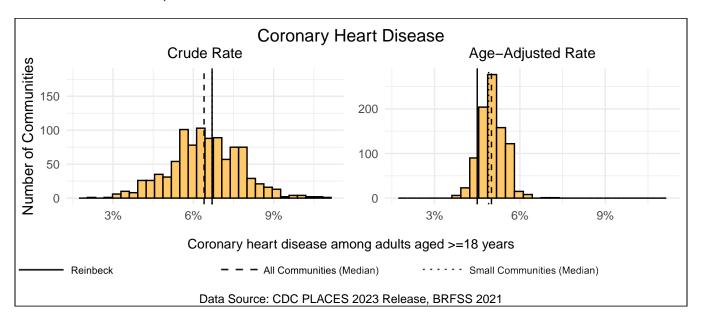
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 9.0%     | 9.3%         | 9.3%           |
| Age-Adjusted | 9.3%     | 9.5%         | 9.5%           |



#### **Coronary Heart Disease**

Reinbeck has a crude rate of 6.7% for coronary heart disease among adults aged >=18 years, which ranks 536th out of 958 lowa communities (69th out of 138 small communities). The age-adjusted rate for Reinbeck is 4.5%, which ranks 78th out of 905 lowa communities (14th out of 138 small communities).

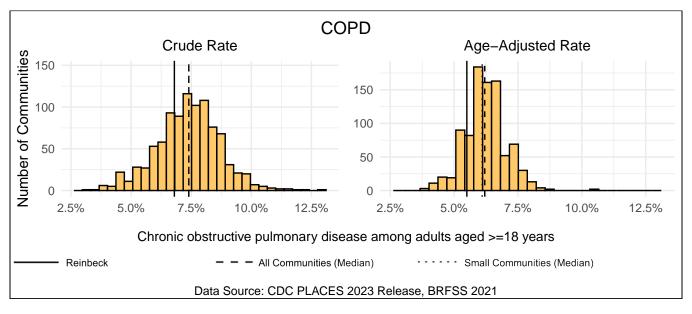
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 6.7%     | 6.4%         | 6.7%           |
| Age-Adjusted | 4.5%     | 5.0%         | 4.9%           |



#### COPD

Reinbeck has a crude rate of 6.8% for chronic obstructive pulmonary disease among adults aged >=18 years, which ranks 274th out of 958 lowa communities (47th out of 138 small communities). The age-adjusted rate for Reinbeck is 5.5%, which ranks 144th out of 905 lowa communities (28th out of 138 small communities).

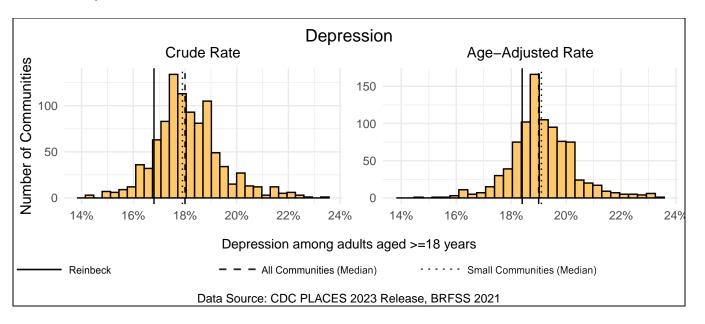
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 6.8%     | 7.4%         | 7.4%           |
| Age-Adjusted | 5.5%     | 6.2%         | 6.1%           |



#### **Depression**

Reinbeck has a crude rate of 16.8% for depression among adults aged >=18 years, which ranks 106th out of 958 lowa communities (19th out of 138 small communities). The age-adjusted rate for Reinbeck is 18.4%, which ranks 189th out of 905 lowa communities (23rd out of 138 small communities).

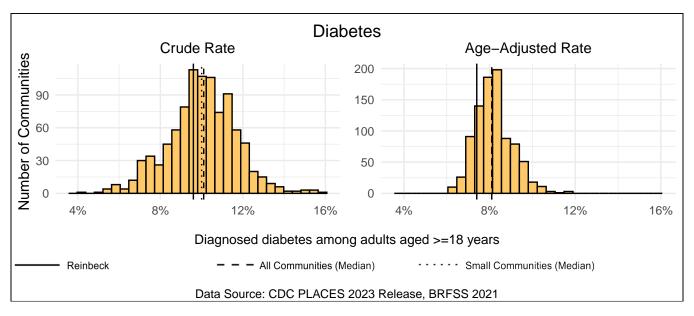
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 16.8%    | 18.0%        | 17.9%          |
| Age-Adjusted | 18.4%    | 19.0%        | 19.1%          |



#### **Diabetes**

Reinbeck has a crude rate of 9.6% for diagnosed diabetes among adults aged >=18 years, which ranks 355th out of 958 lowa communities (55th out of 138 small communities). The age-adjusted rate for Reinbeck is 7.4%, which ranks 128th out of 905 lowa communities (23rd out of 138 small communities).

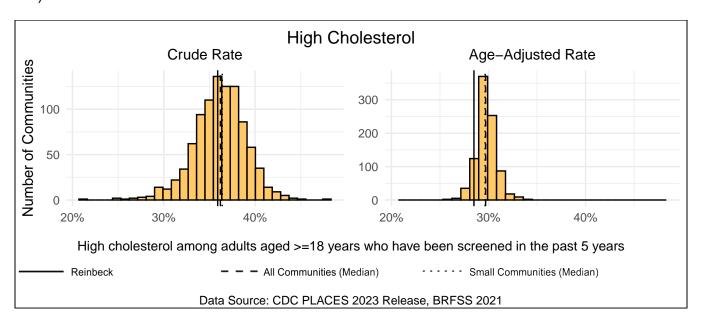
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 9.6%     | 10.1%        | 10.0%          |
| Age-Adjusted | 7.4%     | 8.1%         | 8.1%           |



#### **High Cholesterol**

Reinbeck has a crude rate of 35.9% for high cholesterol among adults aged >=18 years who have been screened in the past 5 years, which ranks 418th out of 958 lowa communities (56th out of 138 small communities). The age-adjusted rate for Reinbeck is 28.5%, which ranks 71st out of 905 lowa communities (16th out of 138 small communities).

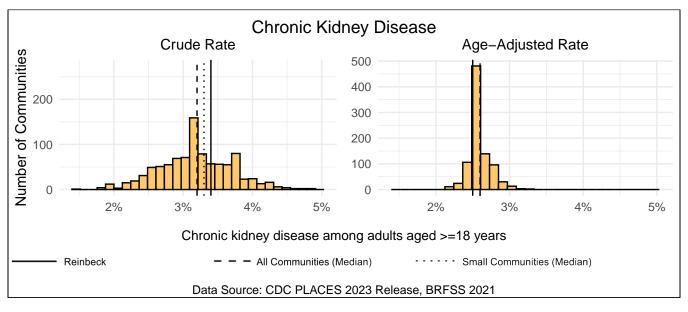
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 35.9%    | 36.2%        | 36.4%          |
| Age-Adjusted | 28.5%    | 29.7%        | 29.6%          |



#### **Chronic Kidney Disease**

Reinbeck has a crude rate of 3.4% for chronic kidney disease among adults aged >=18 years, which ranks 619th out of 958 lowa communities (77th out of 138 small communities). The age-adjusted rate for Reinbeck is 2.5%, which ranks 142nd out of 905 lowa communities (28th out of 138 small communities).

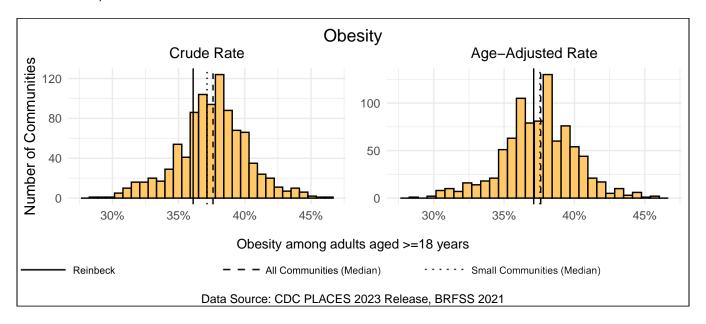
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 3.4%     | 3.2%         | 3.3%           |
| Age-Adjusted | 2.5%     | 2.6%         | 2.6%           |



#### Obesity

Reinbeck has a crude rate of 36.1% for obesity among adults aged >=18 years, which ranks 230th out of 958 lowa communities (44th out of 138 small communities). The age-adjusted rate for Reinbeck is 37.1%, which ranks 380th out of 905 lowa communities (57th out of 138 small communities).

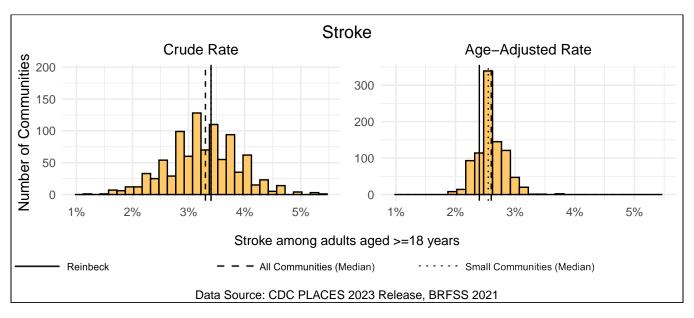
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 36.1%    | 37.6%        | 37.2%          |
| Age-Adjusted | 37.1%    | 37.6%        | 37.5%          |



#### **Stroke**

Reinbeck has a crude rate of 3.4% for stroke among adults aged >=18 years, which ranks 538th out of 958 lowa communities (67th out of 138 small communities). The age-adjusted rate for Reinbeck is 2.4%, which ranks 116th out of 905 lowa communities (20th out of 138 small communities).

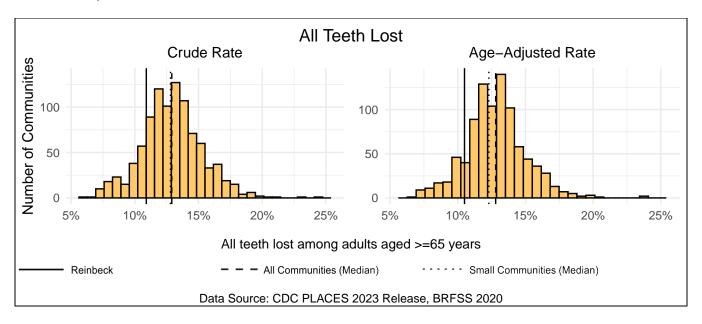
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 3.4%     | 3.3%         | 3.4%           |
| Age-Adjusted | 2.4%     | 2.6%         | 2.5%           |



#### **All Teeth Lost**

Reinbeck has a crude rate of 10.9% for all teeth lost among adults aged >=65 years, which ranks 164th out of 958 lowa communities (24th out of 138 small communities). The age-adjusted rate for Reinbeck is 10.5%, which ranks 115th out of 905 lowa communities (21st out of 138 small communities).

| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 10.9%    | 12.9%        | 12.8%          |
| Age-Adjusted | 10.5%    | 12.8%        | 12.3%          |



# **Prevention**

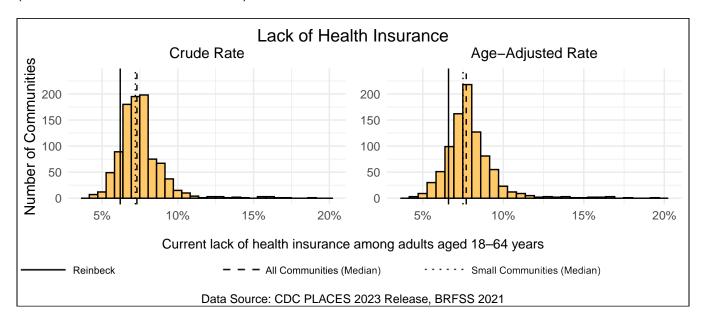
Preventive measures are another practical intervention point for public health professionals as they allow for the early detection of health conditions and improve overall treatment efficacy. This section includes a review of your community's prevention measures, including preventive screenings and doctor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

Reinbeck has a crude rate of 6.2% for current lack of health insurance among adults aged 18–64 years, which ranks 120th out of 958 lowa communities (19th out of 138 small communities). The age-adjusted rate for Reinbeck is 6.6%, which ranks 123rd out of 905 lowa communities (24th out of 138 small communities).

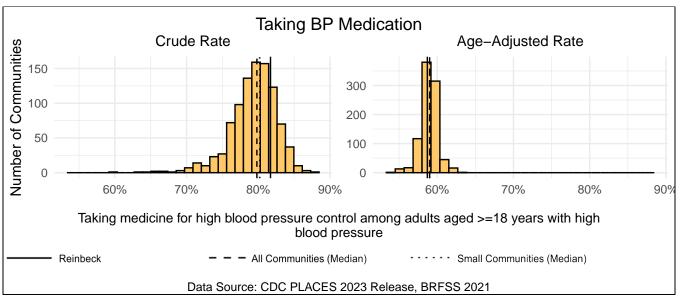
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 6.2%     | 7.3%         | 7.2%           |
| Age-Adjusted | 6.6%     | 7.7%         | 7.5%           |



#### **Taking BP Medication**

Reinbeck has a crude rate of 81.7% for taking medicine for high blood pressure control among adults aged >=18 years with high blood pressure, which ranks 202nd out of 958 lowa communities (42nd out of 138 small communities). The age-adjusted rate for Reinbeck is 58.7%, which ranks 537th out of 905 lowa communities (81st out of 138 small communities).

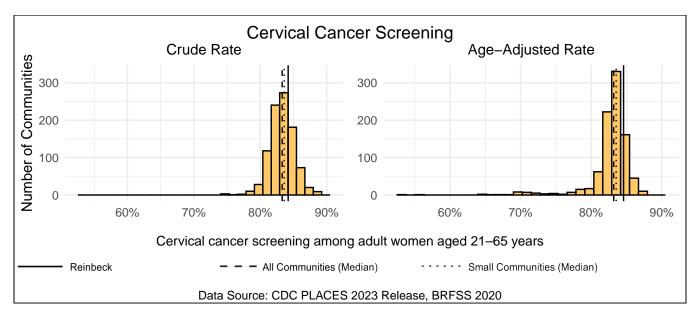
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 81.7%    | 79.8%        | 80.2%          |
| Age-Adjusted | 58.7%    | 59.0%        | 59.0%          |



#### **Cervical Cancer Screening**

Reinbeck has a crude rate of 84.2% for cervical cancer screening among adult women aged 21–65 years, which ranks 264th out of 958 lowa communities (45th out of 138 small communities). The age-adjusted rate for Reinbeck is 84.6%, which ranks 142nd out of 905 lowa communities (32nd out of 138 small communities).

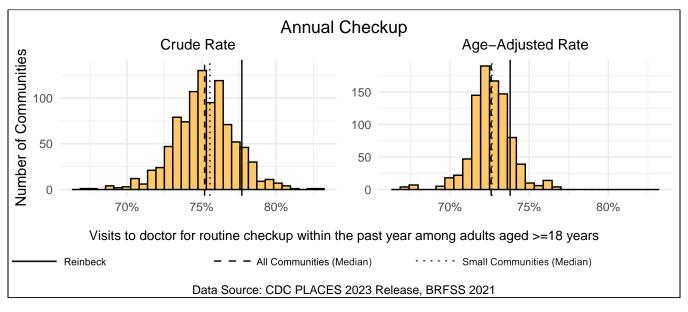
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 84.2%    | 83.3%        | 83.6%          |
| Age-Adjusted | 84.6%    | 83.2%        | 83.5%          |



#### **Annual Checkup**

Reinbeck has a crude rate of 77.7% for visits to doctor for routine checkup within the past year among adults aged >=18 years, which ranks 95th out of 958 lowa communities (19th out of 138 small communities). The age-adjusted rate for Reinbeck is 73.8%, which ranks 110th out of 905 lowa communities (26th out of 138 small communities).

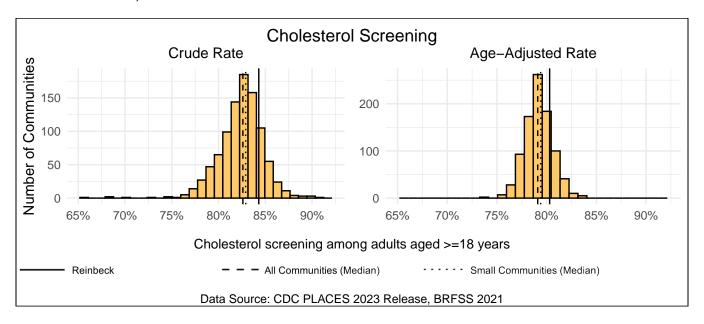
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 77.7%    | 75.2%        | 75.5%          |
| Age-Adjusted | 73.8%    | 72.6%        | 72.6%          |



#### **Cholesterol Screening**

Reinbeck has a crude rate of 84.3% for cholesterol screening among adults aged >=18 years, which ranks 172nd out of 958 lowa communities (26th out of 138 small communities). The age-adjusted rate for Reinbeck is 80.3%, which ranks 179th out of 905 lowa communities (34th out of 138 small communities).

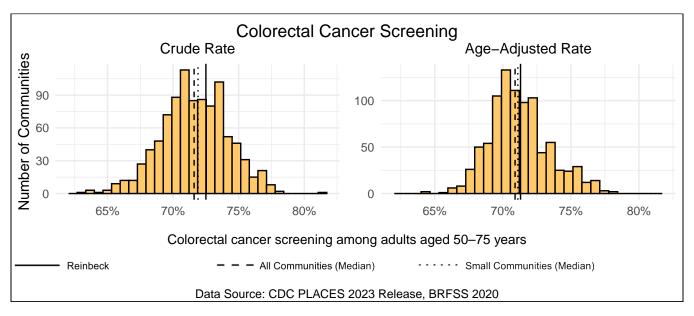
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 84.3%    | 82.6%        | 82.9%          |
| Age-Adjusted | 80.3%    | 79.1%        | 79.4%          |



#### **Colorectal Cancer Screening**

Reinbeck has a crude rate of 72.5% for colorectal cancer screening among adults aged 50–75 years, which ranks 359th out of 958 lowa communities (54th out of 138 small communities). The age-adjusted rate for Reinbeck is 71.3%, which ranks 399th out of 905 lowa communities (66th out of 138 small communities).

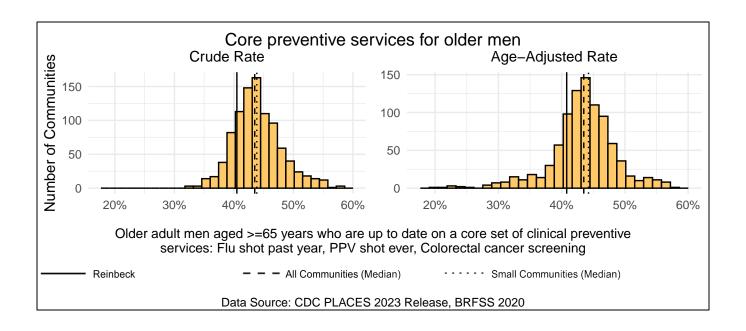
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 72.5%    | 71.6%        | 71.9%          |
| Age-Adjusted | 71.3%    | 70.9%        | 71.1%          |



#### Core preventive services for older men

Reinbeck has a crude rate of 40.5% 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 774th out of 958 lowa communities (117th out of 138 small communities). The age-adjusted rate for Reinbeck is 40.8%, which ranks 700th out of 905 lowa communities (118th out of 138 small communities).

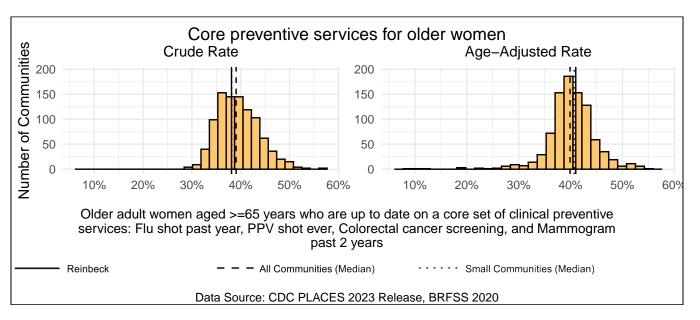
| Reinheck      | All   | Small                      |
|---------------|-------|----------------------------|
| T CONTIDUCTOR | Comm. | Comm.                      |
| 40.5%         | 43.5% | 43.8%                      |
| 40.8%         | 43.5% | 44.2%                      |
|               |       | Reinbeck Comm. 40.5% 43.5% |



#### Core preventive services for older women

Reinbeck has a crude rate of 38.1% for older adult women 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, and mammogram past 2 years, which ranks 568th out of 958 lowa communities (70th out of 138 small communities). The age-adjusted rate for Reinbeck is 41.0%, which ranks 359th out of 905 lowa communities (64th out of 138 small communities).

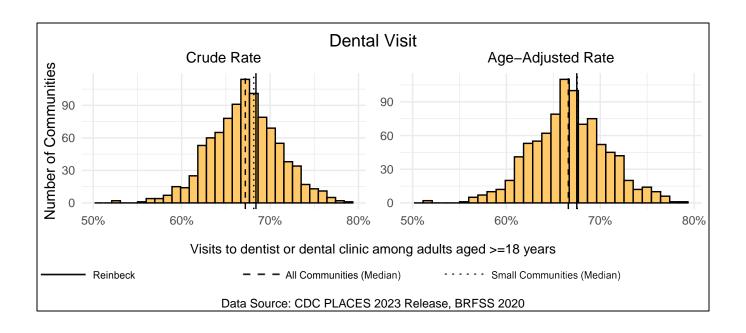
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 38.1%    | 39.0%        | 38.2%          |
| Age-Adjusted | 41.0%    | 39.9%        | 40.7%          |



#### **Dental Visit**

Reinbeck has a crude rate of 68.4% for visits to dentist or dental clinic among adults aged >=18 years, which ranks 343rd out of 958 lowa communities (66th out of 138 small communities). The age-adjusted rate for Reinbeck is 67.5%, which ranks 354th out of 905 lowa communities (70th out of 138 small communities).

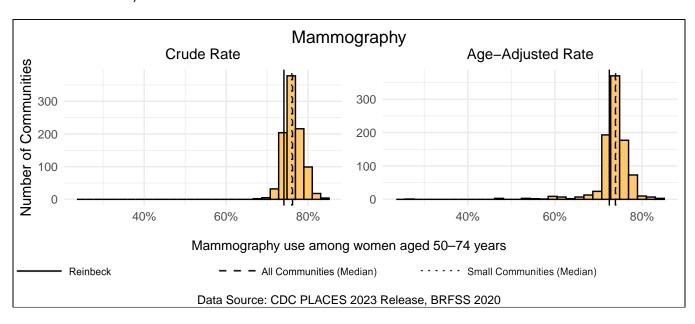
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 68.4%    | 67.2%        | 68.2%          |
| Age-Adjusted | 67.5%    | 66.6%        | 67.5%          |



## **Mammography**

Reinbeck has a crude rate of 74.1% for mammography use among women aged 50–74 years, which ranks 822nd out of 958 lowa communities (117th out of 138 small communities). The age-adjusted rate for Reinbeck is 72.5%, which ranks 676th out of 905 lowa communities (103rd out of 138 small communities).

| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 74.1%    | 76.2%        | 76.0%          |
| Age-Adjusted | 72.5%    | 73.9%        | 74.0%          |



# **Disability**

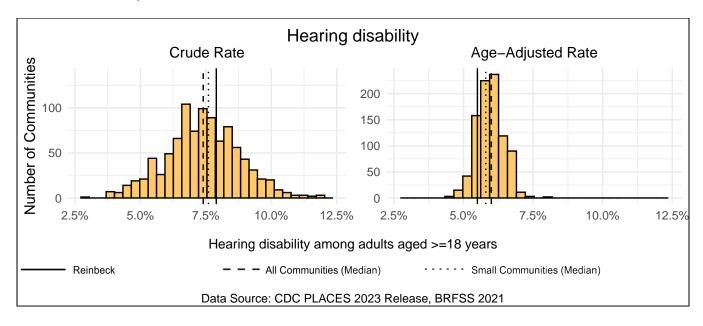
This section includes measures of physical and cognitive disabilities. Respondents were asked to report on six disabilities: hearing, vision, cognition, mobility, self-care, and independent living. The final measure reports the rate of respondents that answered yes to any of the previous six disabilities.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

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

## **Hearing disability**

Reinbeck has a crude rate of 7.9% for hearing disability among adults aged >=18 years, which ranks 620th out of 958 lowa communities (73rd out of 138 small communities). The age-adjusted rate for Reinbeck is 5.5%, which ranks 110th out of 905 lowa communities (21st out of 138 small communities).

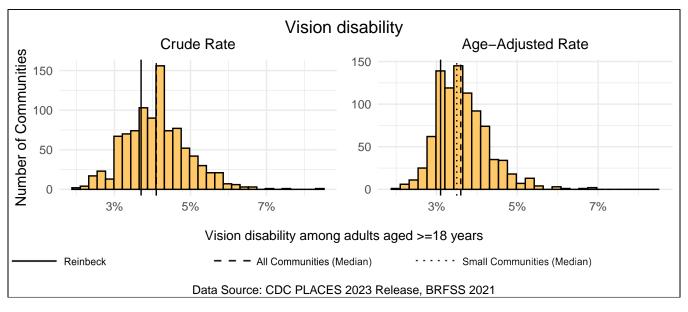
| Reinbeck | All<br>Comm. | Small<br>Comm.                                     |
|----------|--------------|--|
| 7.9%     | 7.4%         | 7.6%   |
| 5.5%     | 6.0%         | 5.8%   |
|          | 7.9%         | Reinbeck         Comm.           7.9%         7.4% |



#### Vision disability

Reinbeck has a crude rate of 3.7% for vision disability among adults aged >=18 years, which ranks 271st out of 958 lowa communities (43rd out of 138 small communities). The age-adjusted rate for Reinbeck is 3.1%, which ranks 135th out of 905 lowa communities (22nd out of 138 small communities).

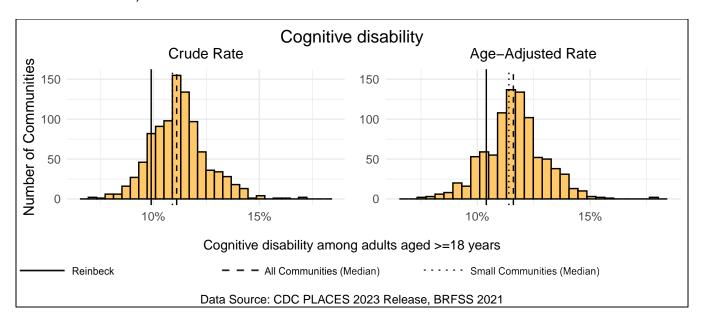
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 3.7%     | 4.1%         | 4.1%           |
| Age-Adjusted | 3.1%     | 3.6%         | 3.5%           |



#### Cognitive disability

Reinbeck has a crude rate of 9.9% for cognitive disability among adults aged >=18 years, which ranks 128th out of 958 lowa communities (20th out of 138 small communities). The age-adjusted rate for Reinbeck is 10.4%, which ranks 141st out of 905 lowa communities (24th out of 138 small communities).

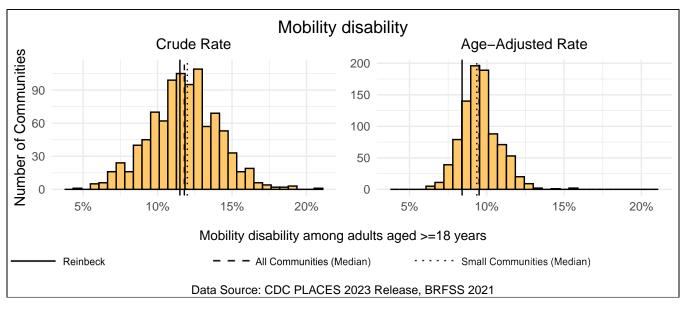
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 9.9%     | 11.1%        | 10.9%          |
| Age-Adjusted | 10.4%    | 11.6%        | 11.4%          |



## **Mobility disability**

Reinbeck has a crude rate of 11.5% for mobility disability among adults aged >=18 years, which ranks 417th out of 958 lowa communities (57th out of 138 small communities). The age-adjusted rate for Reinbeck is 8.4%, which ranks 135th out of 905 lowa communities (23rd out of 138 small communities).

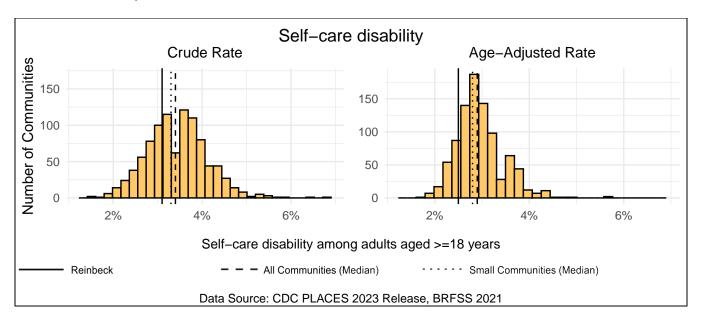
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 11.5%    | 11.8%        | 12.0%          |
| Age-Adjusted | 8.4%     | 9.5%         | 9.4%           |



#### Self-care disability

Reinbeck has a crude rate of 3.1% for self-care disability among adults aged >=18 years, which ranks 267th out of 958 lowa communities (43rd out of 138 small communities). The age-adjusted rate for Reinbeck is 2.5%, which ranks 123rd out of 905 lowa communities (22nd out of 138 small communities).

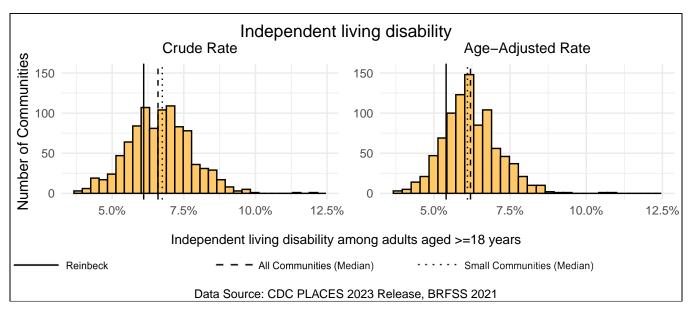
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 3.1%     | 3.4%         | 3.3%           |
| Age-Adjusted | 2.5%     | 2.9%         | 2.8%           |



#### Independent living disability

Reinbeck has a crude rate of 6.1% for independent living disability among adults aged >=18 years, which ranks 265th out of 958 lowa communities (39th out of 138 small communities). The age-adjusted rate for Reinbeck is 5.4%, which ranks 133rd out of 905 lowa communities (21st out of 138 small communities).

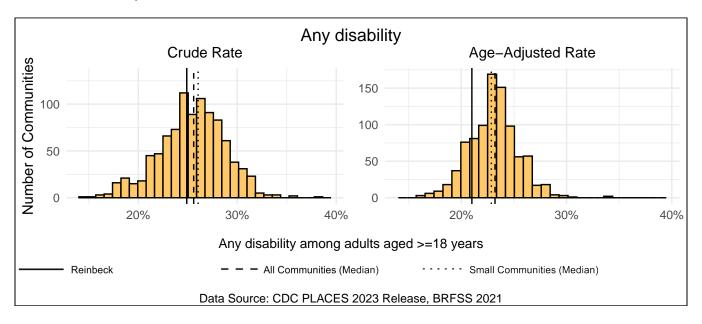
| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 6.1%     | 6.6%         | 6.8%           |
| Age-Adjusted | 5.4%     | 6.2%         | 6.1%           |



#### Any disability

Reinbeck has a crude rate of 24.9% for any disability among adults aged >=18 years, which ranks 396th out of 958 lowa communities (49th out of 138 small communities). The age-adjusted rate for Reinbeck is 21.0%, which ranks 157th out of 905 lowa communities (33rd out of 138 small communities).

| Measure Type | Reinbeck | All<br>Comm. | Small<br>Comm. |
|--------------|----------|--------------|----------------|
| Crude        | 24.9%    | 25.6%        | 26.0%          |
| Age-Adjusted | 21.0%    | 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: Reinbeck PLACES Data**

| Category                 | Health Domain                          | Crude Rate<br>Rank | Crude Rate (95% CI)   | Age-Adj.<br>Rate Rank | Age-Adj. Rate (95% CI) |
|--------------------------|--|--------------------|-----------------------|-----------------------|------------------------|
| Health Status            | General Health                         | 196                | 12.5% (10.2% - 15.2%) | 117                   | 10.9% (8.8% - 13.2%)   |
| Health Status            | Physical Health                        | 245                | 10.0% (8.2% - 11.8%)  | 140                   | 8.8% (7.4% - 10.3%)    |
| Health Status            | Mental Health                          | 80                 | 13.0% (10.8% - 15.0%) | 140                   | 14.6% (12.4% - 17.0%)  |
| Health Risk<br>Behaviors | Current Smoking                        | 58                 | 13.5% (10.5% - 16.9%) | 133                   | 15.2% (11.6% - 18.9%)  |
| Health Risk<br>Behaviors | Physical Inactivity                    | 217                | 23.5% (18.7% - 28.4%) | 111                   | 21.1% (16.7% - 25.6%)  |
| Health Risk<br>Behaviors | Binge Drinking                         | 459                | 19.4% (16.0% - 22.6%) | 811                   | 23.4% (19.4% - 27.0%)  |
| Health Risk<br>Behaviors | Sleep <7 hours                         | 100                | 28.1% (26.5% - 30.0%) | 162                   | 29.7% (27.9% - 31.5%)  |
| Health Outcomes          | Obesity                                | 230                | 36.1% (28.8% - 42.8%) | 380                   | 37.1% (29.8% - 43.7%)  |
| Health Outcomes          | Cancer (except skin)                   | 790                | 9.3% (8.3% - 10.2%)   | 418                   | 6.5% (5.8% - 7.1%)     |
| Health Outcomes          | Diabetes                               | 355                | 9.6% (8.0% - 11.1%)   | 128                   | 7.4% (6.1% - 8.6%)     |
| Health Outcomes          | All Teeth Lost                         | 164                | 10.9% (6.2% - 17.5%)  | 115                   | 10.5% (6.2% - 15.7%)   |
| Health Outcomes          | Stroke                                 | 538                | 3.4% (2.9% - 4.1%)    | 116                   | 2.4% (2.1% - 2.7%)     |
| Health Outcomes          | High Blood Pressure                    | 565                | 32.9% (28.7% - 36.7%) | 230                   | 26.3% (22.5% - 29.7%)  |
| Health Outcomes          | High Cholesterol                       | 418                | 35.9% (31.2% - 40.3%) | 71                    | 28.5% (24.2% - 32.4%)  |
| Health Outcomes          | Depression                             | 106                | 16.8% (13.6% - 19.8%) | 189                   | 18.4% (15.0% - 21.8%)  |
| Health Outcomes          | Coronary Heart Disease                 | 536                | 6.7% (5.7% - 7.8%)    | 78                    | 4.5% (3.9% - 5.2%)     |
| Health Outcomes          | Current Asthma                         | 137                | 9.0% (7.8% - 10.1%)   | 241                   | 9.3% (8.0% - 10.5%)    |
| Health Outcomes          | Chronic Kidney Disease                 | 619                | 3.4% (3.0% - 3.8%)    | 142                   | 2.5% (2.2% - 2.7%)     |
| Health Outcomes          | COPD                                   | 274                | 6.8% (5.4% - 8.3%)    | 144                   | 5.5% (4.4% - 6.6%)     |
| Health Outcomes          | Arthritis                              | 695                | 29.8% (25.5% - 33.6%) | 494                   | 23.3% (19.6% - 26.9%)  |
| Prevention               | Health Insurance                       | 120                | 6.2% (4.5% - 8.0%)    | 123                   | 6.6% (4.6% - 9.0%)     |
| Prevention               | Core preventive services for older men | 774                | 40.5% (31.5% - 49.9%) | 700                   | 40.8% (32.5% - 50.3%)  |
| Prevention               | Cervical Cancer<br>Screening           | 264                | 84.2% (81.4% - 86.7%) | 142                   | 84.6% (81.9% - 87.0%)  |
| Prevention               | Cholesterol Screening                  | 172                | 84.3% (81.4% - 87.0%) | 179                   | 80.3% (76.7% - 83.6%)  |
| Prevention               | Mammography                            | 822                | 74.1% (69.0% - 78.4%) | 676                   | 72.5% (67.3% - 77.1%)  |
| Prevention               | Taking BP Medication                   | 202                | 81.7% (78.4% - 84.3%) | 537                   | 58.7% (53.4% - 63.3%)  |

| Category   | Health Domain                            | Crude Rate<br>Rank | Crude Rate (95% CI)   | Age-Adj.<br>Rate Rank | Age-Adj. Rate (95% CI) |
|------------|--|--------------------|-----------------------|-----------------------|------------------------|
| Prevention | Annual Checkup                           | 95                 | 77.7% (73.1% - 81.4%) | 110                   | 73.8% (68.6% - 78.1%)  |
| Prevention | Core preventive services for older women | 568                | 38.1% (29.9% - 46.5%) | 359                   | 41.0% (32.9% - 49.1%)  |
| Prevention | Colorectal Cancer<br>Screening           | 359                | 72.5% (69.1% - 75.6%) | 399                   | 71.3% (67.5% - 74.7%)  |
| Prevention | Dental Visit                             | 343                | 68.4% (64.5% - 72.0%) | 354                   | 67.5% (63.3% - 71.1%)  |
| Disability | Self-care Disability                     | 267                | 3.1% (2.5% - 3.8%)    | 123                   | 2.5% (2.1% - 3.0%)     |
| Disability | Hearing Disability                       | 620                | 7.9% (6.8% - 9.0%)    | 110                   | 5.5% (4.7% - 6.2%)     |
| Disability | Cognitive Disability                     | 128                | 9.9% (8.1% - 11.9%)   | 141                   | 10.4% (8.4% - 12.6%)   |
| Disability | Independent Living Disability            | 265                | 6.1% (5.0% - 7.4%)    | 133                   | 5.4% (4.4% - 6.5%)     |
| Disability | Vision Disability                        | 271                | 3.7% (3.0% - 4.6%)    | 135                   | 3.1% (2.6% - 3.6%)     |
| Disability | Any Disability                           | 396                | 24.9% (20.8% - 28.9%) | 157                   | 21.0% (17.3% - 24.8%)  |
| Disability | Mobility Disability                      | 417                | 11.5% (9.1% - 13.9%)  | 135                   | 8.4% (6.8% - 10.1%)    |

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)

Reinbeck 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<br>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<br>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      |             |            |