

2021 Community Health Assessment
Community Health Status Assessment
Linn County, IA



Together! Healthy Linn

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Community Health Status Assessment

The Community Health Status Assessment (CHSA) is one of four assessments that will be used to inform the identification of the priority strategic issues that the community will seek to address in the Community Health Improvement Plan (CHIP). Unlike the other four assessments used in the Mobilizing for Action through Planning and Partnership (MAPP) framework, the CHSA is the only quantitative analysis of how healthy Linn County is as a whole and identifies potential areas of concern. The data captured in this assessment answers two questions:

1. How healthy is the community?
2. What does the health status of the community look like?

Method

The data presented in this report is a selected number of key population health indicators that fall under 10 indicator categories reflected below:

- Demographic Characteristics
- Socioeconomic Characteristics
- Health Resource Availability
- Quality of Life
- Behavioral Risk Factors
- Environmental Health Indicators
- Social and Mental Health
- Maternal and Child Health
- Death, Illness, and Injury
- Communicable Disease

Selected indicators were gathered from multiple sources including partnering local public health agencies including Linn County Public Health and Cedar Rapids Community School District. In addition, data was obtained through a data sharing agreement (DSA) with the Iowa Department of Public Health (IDPH) and through access of public sources. Data obtained through the DSA with IDPH included Linn County specific data from the Behavioral Risk Factor Surveillance System (BRFSS), and Inpatient and Outpatient Hospital datasets. Publicly available data was obtained from reports released by the STD, HIV, CADE, and Immunization programs at IDPH; Iowa Departments of Natural Resource, Education, and Human Services; County Health Rankings, Feeding America – Food Gap Maps, and the Iowa Youth Survey. Finally, local, state, and national data was available for query on the U.S. Census Bureau, Uniform Crime Reporting Statistics, Centers for Disease Control and Prevention (CDC), CDC WONDER, and Surveillance Epidemiology and End Results (SEER) Program websites.

In addition to the presentation of key health and population trends in this report, indicators are broken down by inequities between sex and race categories (when available). *Health inequities* reflect differences in the distribution of health status between different populations. For each comparison, a reference group is identified to calculate a disparity ratio. Disparity ratios are calculated by dividing the rate for a population by the rate of the reference group or the population with the most favorable rate. Please see table 1 for an interpretation of the disparity levels and recommended action.

Table 1. Disparity Ratio Key

Disparity Level	Symbol	Disparity Ratio	Meaning Interpretation
Low/No		1.0 – 1.4	Little or no disparity exists. However, continued monitoring should occur.
Moderate		1.5 – 2.4	A moderate disparity exists, requiring intervention.
Significant		≥ 2.5	A significant disparity exists, requiring an immediate intervention.
Reference Group	✓		The group with the best rate and meets suppression rules (20 or more cases). Group to which all other groups are compared.
Not Available or Suppressed	*		Data for the specific population could not be obtained or had “0” cases. Age-adjusted rates and disparity ratios cannot be calculated when number of cases are less than 20 during the comparison period. Percentages with cases less than 6 cannot be calculated due to confidentiality requirements.

Data Limitations

The ongoing impacts caused by the 2020 in-land hurricane (Derecho) and COVID-19 pandemic may not be fully represented in the data presented in this report due to a lag in data availability. Of note, business closures during the pandemic led to many financial impacts including increased unemployment rates, need for social supports related to food, housing, and income. Additionally, the mental health impact of isolation related to the pandemic and later the trauma of the Derecho is also not reflected in the most recently available data.

Leading Causes of Death

In 2020, the leading cause of death for both Linn County and Iowa was heart disease, followed by cancer and COVID-19 (See 1). While heart disease has historically ranked at the top of the leading causes of death for Linn County, 2020 was the first time, deaths attributed to heart disease significantly exceeded that of cancer.

COVID-19

Additionally, 2020 marked the emergence of COVID-19 worldwide accounting for 16,580 cases and 300 deaths during this time. As of January 1, 2022, the total number of cases for COVID-19 in 2021 were 21,462 with an additional 186 deaths, for an age-adjusted rate of 71.9 deaths per 100,000 population. Due to poor reporting of race for these cases, analysis of disproportionate impact on certain populations cannot be identified at the local level. However, at the state and national levels, populations of color were noted to be disproportionately impacted by COVID-19, with Black or African American and Asian or Pacific Islander residents of Iowa showing the greatest rates of death compared to their counterparts in other race categories.

Figure 1. Leading Causes of Death: Linn County, 2020

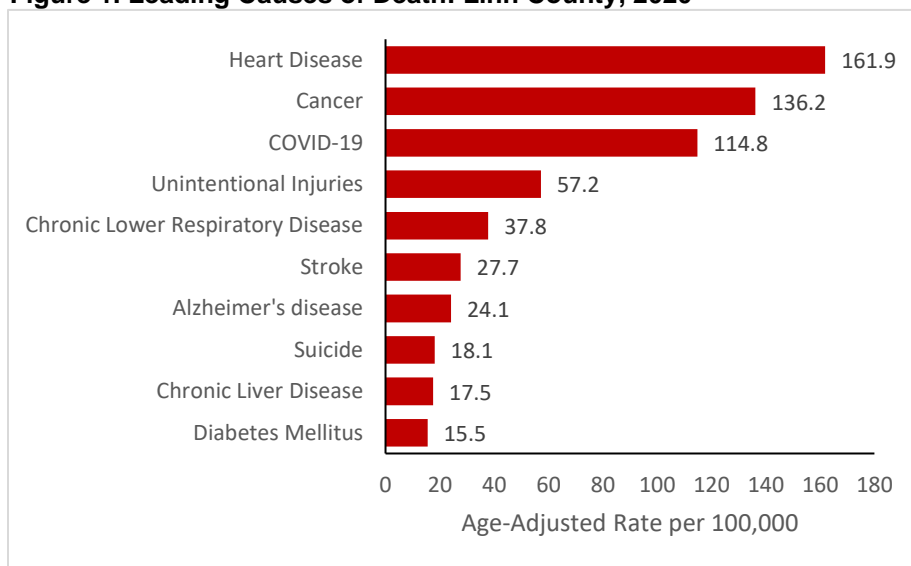
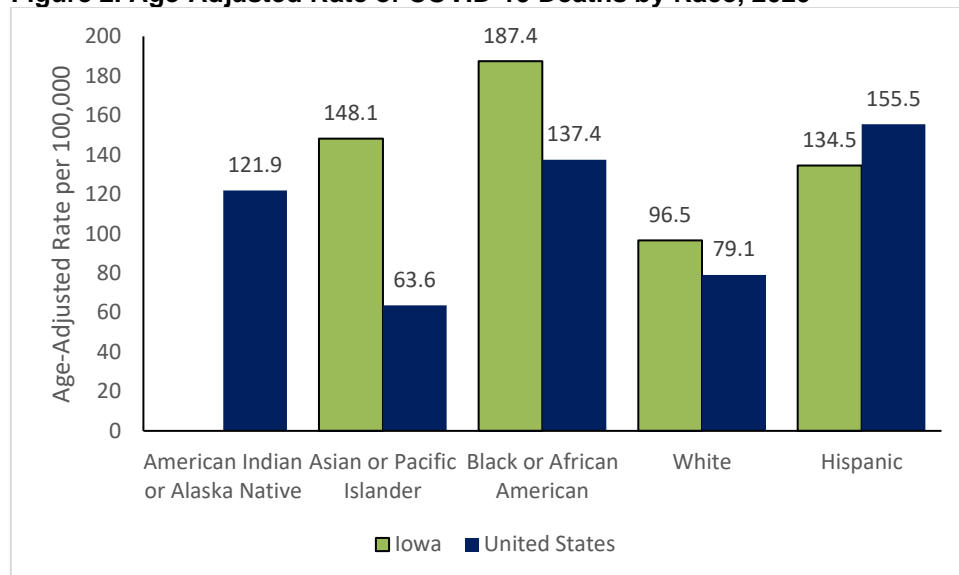


Figure 2. Age-Adjusted Rate of COVID-19 Deaths by Race, 2020



Key Demographic Trends

Indicators	Units	Year					Data Source
		2015	2016	2017	2018	2019	
Demographic Characteristics							
Total Population	Number	219,916	221,661	224,115	225,909	226,706	ACS, 1-yr estimate
Sex							
Male	Percentage	49.3%	49.4%	49.1%	49.4%	49.1%	ACS, 1-yr estimate
Female	Percentage	50.7%	50.6%	50.9%	50.6%	50.9%	ACS, 1-yr estimate
Race							
White	Percentage	89.1%	89.4%	87.8%	87.6%	87.2%	ACS, 1-yr estimate
Black	Percentage	4.2%	5.5%	5.8%	6.3%	5.7%	ACS, 1-yr estimate
American Indian/Alaska Native	Percentage	0.3%	0.1%	0.1%	0.2%	0.4%	ACS, 1-yr estimate
Asian	Percentage	1.8%	2.4%	2.5%	2.4%	2.5%	ACS, 1-yr estimate
Native Hawaiian/Pacific Islander	Percentage	0.0%	0.1%	0.2%	0.3%	0.0%	ACS, 1-yr estimate
Other	Percentage	0.6%	0.2%	1.5%	0.6%	1.0%	ACS, 1-yr estimate
Two or More	Percentage	4.0%	2.2%	2.1%	2.6%	3.2%	ACS, 1-yr estimate
Hispanic or Latino							
Hispanic or Latino (of any race)	Percentage	3.0%	3.2%	3.3%	3.4%	3.4%	ACS, 1-yr estimate
Not Hispanic or Latino	Percentage	97.0%	96.8%	96.7%	96.6%	96.6%	ACS, 1-yr estimate
Education (25 years and older)							
Less than High School	Percentage	5.3%	5.8%	5.0%	6.0%	5.9%	ACS, 1-yr estimate
High School Diploma	Percentage	29.3%	26.4%	26.7%	26.6%	28.0%	ACS, 1-yr estimate
Some College/Associates	Percentage	36.1%	22.4%	34.9%	33.9%	33.1%	ACS, 1-yr estimate
Bachelor's Degree or Higher	Percentage	29.3%	35.4%	33.4%	33.5%	33.0%	ACS, 1-yr estimate
Age (years)							
Under 5	Percentage	6.3%	6.5%	6.5%	6.3%	6.2%	ACS, 1-yr estimate
5 to 14	Percentage	13.4%	13.1%	13.2%	13.0%	13.1%	ACS, 1-yr estimate
15 to 17	Percentage	4.1%	4.0%	3.9%	3.9%	3.8%	ACS, 1-yr estimate
18 to 24	Percentage	9.4%	8.9%	9.5%	9.0%	9.0%	ACS, 1-yr estimate
25 to 34	Percentage	13.4%	13.9%	13.5%	13.9%	13.7%	ACS, 1-yr estimate
35 to 44	Percentage	13.6%	12.8%	12.4%	12.6%	12.4%	ACS, 1-yr estimate
45 to 54	Percentage	12.9%	13.2%	12.9%	12.7%	12.8%	ACS, 1-yr estimate
55 to 64	Percentage	13.5%	12.8%	12.6%	12.4%	12.7%	ACS, 1-yr estimate
65 to 74	Percentage	8.1%	8.4%	8.7%	9.1%	9.1%	ACS, 1-yr estimate
75+	Percentage	6.5%	6.6%	6.7%	7.0%	7.0%	ACS, 1-yr estimate

Key Data Indicator Trends

Indicators	Units	Year					Trend Direction	Data Source
		2015	2016	2017	2018	2019		
Socioeconomic Characteristics								
Poverty								
<i>Total Population</i>	Percentage	11.6%	10.2%	9.0%	9.3%	12.2%	✗	ACS, 1-yr estimate
<i>Families with children under 18 years</i>	Percentage	8.1%	8.0%	10.3%	11.1%	15.0%	✗	ACS, 1-yr estimate
<i>Single Female (with children under 18 years)</i>	Percentage	32.7%	34.1%	23.5%	39.5%	44.1%	✗	ACS, 1-yr estimate
Food Insecurity								
<i>Total population</i>	Percentage	11.6%	11.1%	10.8%	10.8%	7.9%	✓	Feeding America, Food Gap Maps
<i>Children</i>	Percentage	15.2%	14.5%	14.9%	12.3%	12.0%	✓	Feeding America, Food Gap Maps
Unemployed	Percentage	3.7%	3.7%	3.9%	3.3%	4.0%	■	ACS, 1-yr estimate
Housing Burden (30% or more of income to rent)								
<i>Renter</i>	Percentage	41.6%	39.8%	39.6%	39.6%	39.0%	■	ACS, 1-yr estimate
<i>Owned</i>	Percentage	17.8%	16.8%	16.5%	15.7%	16.2%	■	ACS, 1-yr estimate
Health Resource Availability								
Uninsured (under 65 years)	Percentage	5.5%	3.4%	4.7%	3.2%	4.4%	✗	ACS, 1-yr estimate
Preventable Hospital Stays (per Medicare enrollee)	Rate per 1K	39.6	40.2	42.0	42.6	*	■	County Health Rankings
Access to Providers								
<i>Primary Care Physician</i>	Ratio of Population to Provider	1570:1	1642:1	1660:1	1614:1	*	✗	County Health Rankings
<i>Dental Provider</i>		1456:1	1394:1	1367:1	1386:1	1358:1	■	County Health Rankings
<i>Mental Health Provider</i>		770:1	700:1	640:1	590:1	500:1	✓	County Health Rankings

*No data available for this period

General Trend					
✗	Getting Worse	■	Similar/ No Change	✓	Trend is Improving

Indicators	Units	Year					Trend Direction	Data Source
		2016	2017	2018	2019	2020		
Behavioral Factors								
High School Drop-out	Percentage	2.3%	2.8%	2.4%	2.2%	1.4%	✓	Iowa Department of Education
Current smoker								
<i>Adult</i>	Percentage	15.9%	15.9%	17.2%	13.1%	11.6%	✓	BRFSS
<i>Adolescent</i>	Percentage	1.7%	*	1.0%	*	**	■	Iowa Youth Survey
Binge drinking								
<i>Adult</i>	Percentage	19.1%	16.5%	15.9%	19.6%	17.7%	✓	BRFSS
<i>Adolescent</i>	Percentage	2.0%	*	4.6%		**	✗	Iowa Youth Survey
Adolescent Drug Use								
<i>Amphetamines</i>	Percentage	1.0%	*	1.0%	*	**	■	Iowa Youth Survey
<i>Cocaine</i>	Percentage	1.0%	*	1.0%	*	**	■	Iowa Youth Survey
Inhalants	Percentage	2.0%	*	2.0%	*	**	■	Iowa Youth Survey
Marijuana	Percentage	4.2%	*	6.0%	*	**	✗	Iowa Youth Survey
Methamphetamines	Percentage	1.0%	*	1.0%	*	**	■	Iowa Youth Survey
Drug Misuse								
<i>All Drug Poisoning Mortality</i>	Rate per 100K	9.9	15.5	12.4	16.9	24.7	✗	CDC WONDER
<i>Opioid Mortality</i>	Rate per 100K	6.3	8.9	5.3	8.4	17.1	✗	CDC WONDER
Physical Activity								
<i>Adult physically active</i>	Rate per 100K	9.9	15.5	12.4	16.9	24.7	✓	CDC WONDER
<i>Adolescent active at least 60 min per day</i>	Rate per 100K	6.3	8.9	5.3	8.4	17.1	✓	CDC WONDER

*No data available for this period **Survey was not administered due to COVID-19

General Trend					
✗	Getting Worse	■	Similar/ No Change	✓	Trend is Improving

Indicators	Units	Year					Trend Direction	Data Source
		2016	2017	2018	2019	2020		
Behavioral Factors continued...								
Immunization								
<i>2-year old up to date</i>	Percentage	66.6%	64.9%	69.0%	75.4%	73.4%	✓	Public Health Tracking Portal
<i>Pneumococcal Vaccination (65+ years)</i>	Percentage	76.1%	42.7%	69.1%	73.9%	66.0%	✗	BRFSS
<i>Flu Shot (65+ year)</i>	Percentage	56.7%	46.0%	57.0%	64.2%	58.4%	■	BRFSS
Environmental Health								
Fine Particulate Matter	Concentration	7.1	7.2	7.3	6.9	6.9	✓	Iowa Public Health Tracking Portal
High Heat								
<i>High 95+ Degrees</i>	Days	4	0	2	3	5	■	Iowa Public Health Tracking Portal
<i>Low 70+ Degrees</i>	Days	9	8	12	15	14	✗	Iowa Public Health Tracking Portal
Foodborne Disease								
<i>Campylobacteriosis</i>	Rate per 100K	20.3	27.2	46.0	35.3	28.7	✗	IDPH - CADE
<i>E. Coli</i>	Rate per 100K	4.5	5.4	15.5	18.1	15.0	✗	IDPH - CADE
<i>Hepatitis A</i>	Rate per 100K	0	0.0	0.9	0.4	0.0	✓	IDPH - CADE
<i>Salmonellosis</i>	Rate per 100K	13.1	24.5	49.6	49.0	18.1	✓	IDPH - CADE
<i>Shigellosis</i>	Rate per 100K	0.9	2.2	4.0	3.5	0.9	✓	IDPH - CADE
Waterborne Disease								
<i>Cryptosporidiosis</i>	Rate per 100K	7.2	17.8	15.1	14.1	7.9	✓	IDPH - CADE
<i>Giardiasis</i>	Rate per 100K	10.8	10.7	6.2	9.3	5.3	✓	IDPH - CADE
<i>Legionellosis</i>	Rate per 100K	0.5	0.0	4.9	2.2	1.8	■	IDPH - CADE

*No data available for this period

General Trend					
✗	Getting Worse	■	Similar/ No Change	✓	Trend is Improving

Indicators	Units	Year					Trend Direction	Data Source
		2016	2017	2018	2019	2020		
Social and Mental Health								
Mental Illness Related Emergency Room Visits	Rate per 10K	141.2	153.4	150.5	136.4	143.0	■	Outpatient Dataset***
Adults with 14 or more poor mental health days	Percentage	10.5%	9.5%	10.9%	11.1%	11.6%	✗	BRFSS
Suicide								
<i>Mortality</i>	Rate per 100K	18.8	14.4	20.2	19.9	18.1	■	CDC WONDER
<i>Hospitalization</i>	Rate per 100K	94.4	74.1	75.2	75.4	74.6	■	Inpatient Dataset***
<i>Youth Suicidal Thoughts</i>	Percentage	7.9%		10.5%		**	✗	Iowa Youth Survey
Maternal Health and Child Health								
Infant death rate	Rate per 100K	6.1	4.3	5.9	*	5.7	■	CDC WONDER
Teen birth rate (15 to 19 years)	Rate per 1K	15.7	14.5	13.4	15.4	10.7	✓	CDC WONDER
Early Prenatal Care (1st tri)	Rate per 1K	80.4%	81.5%	83.5%	83.9%	83.6%	■	CDC WONDER
Injury and Violence								
Unintentional Injury Mortality Rate	Rate per 100K	*	10.3	*	12.6	19.6	✗	CDC WONDER
Unintentional Fall Mortality								
<i>Total Population</i>	Rate per 100K	14.8	12.1	12.1	8.5	22.3	✗	CDC WONDER
<i>Adults 75+ years</i>	Rate per 100K	236.4	175.4	144.0	127.8	302.8	✗	CDC WONDER
Unintentional Poisoning	Rate per 100K	*	10.3	*	12.6	19.6	✗	CDC WONDER
Opioid Overdose Mortality	Rate per 100K	9.9	15.5	12.4	16.9	24.7	✗	CDC WONDER

*No data available for this period **Survey was not administered due to COVID-19 ***Hospitalization and emergency department data are collected by the Iowa Hospital Association on behalf of IDPH in accordance with Iowa Code section 135.166

General Trend					
✗	Getting Worse	■	Similar/ No Change	✓	Trend is Improving

Indicators	Units	Year					Trend Direction	Data Source
		2016	2017	2018	2019	2020		
Injury and Violence continued...								
Violent Crime Rate								
<i>Cedar Rapids</i>	Rate per 100K	297.3	284.4	264.2	292.5	313.7	✘	Uniform Crime and Reporting Statistics
<i>Hiawatha</i>	Rate per 100K	235	0	0	389.7	668.2	✘	Uniform Crime and Reporting Statistics
<i>Marion</i>	Rate per 100K	195.5	176.7	165	182.2	144.5	✔	Uniform Crime and Reporting Statistics
Shots Fired (CRPD)	Rate per 100K	67.1	78.9	87.3	74.6	121.3	✘	Cedar Rapids Police Department
Domestic Violence Arrest (CRPD)	Rate per 100K	*	*	282.1	256	246.9	✔	Cedar Rapids Police Department
Child Maltreatment Rate	Rate per 100K	1521	1569.4	1736.4	2111.3	2566.1	✘	IA Department of Human Serv.
Chronic Disease								
Cancer Mortality Rate								
<i>All Cancer</i>	Rate per 100K	159.6	160.9	155.9	152	136.2	✔	CDC WONDER
<i>Lung and Bronchus</i>	Rate per 100K	40.9	36.3	38.3	37.6	36.4	■	CDC WONDER
<i>Female Breast</i>	Rate per 100K	21	21	19.9	17.5	13.3	✔	CDC WONDER
<i>Colorectal</i>	Rate per 100K	14.4	15.7	13.2	11.8	13.2	■	CDC WONDER
Heart Disease Mortality	Rate per 100K	152.9	143.4	145.4	148.4	161.9	✘	CDC WONDER
Alzheimer's Disease Mortality	Rate per 100K	42.5	45.6	43.7	22.9	24.1	✔	CDC WONDER
Chronic Lower Respiratory Disease Mortality	Rate per 100K	43.1	40.3	36.2	38	37.8	✔	CDC WONDER

*No data available for this period ** Data was not collected due to COVID-19

General Trend					
✘	Getting Worse	■	Similar/ No Change	✔	Trend is Improving

Indicators	Units	Year					Trend Direction	Data Source
		2016	2017	2018	2019	2020		
Chronic Disease continued...								
Diabetes								
<i>Mortality Rate</i>	Rate per 100K	17.8	16.8	13.5	8.8	15.5	✗	CDC WONDER
<i>Adult Prevalence</i>	Percentage	8.3%	9.9%	11.6%	10.5%	11.9%	✗	BRFSS
Stroke Mortality Rate	Rate per 100K	26.0	22.0	23.9	27.1	27.7	✗	CDC WONDER
Asthma Hospitalization	Rate per 100K	17.6	41.1	38.1	54.3	25.9	✓	Iowa Public Health Tracking Portal
Current Asthma (adult)	Percentage	7.3%	8.1%	10.6%	7.7%	10.6%	✗	BRFSS
Overweight/Obesity								
<i>Adult</i>	Percentage	68.4%	63.8%	65.5%	65.9%	70.3%	✗	BRFSS
<i>Kindergarten</i>	Percentage	33.1%	33.1%	29.8%	32.1%	**	■	CR Community School Dist.
<i>5th grade</i>	Percentage	35.0%	35.5%	41.1%	41.8%	**	✗	CR Community School Dist.
Communicable Disease								
Vaccinations								
<i>Flu Vaccine 65+ years</i>	Percentage	56.7%	46.0%	57.0%	64.2%	58.4%	■	BRFSS
<i>Pneumonia 65 years</i>	Percentage	76.1%	42.7%	69.1%	73.9%	66.0%	✗	BRFSS
Sexually Transmitted Disease								
<i>Chlamydia</i>	Rate per 100K	545.9	592.0	580.0	552.0	551.0	■	IDPH – STD Program
<i>Gonorrhea</i>	Rate per 100K	120.0	160.0	196.0	185.0	252.0	✗	IDPH – STD Program
<i>Syphilis</i>	Rate per 100K	10.0	9.0	11.0	8.0	15.0	✗	IDPH – STD Program
<i>HIV Prevalence</i>	Rate per 100K	119.0	122.3	136.8	129.7	128.8	■	IDPH – HIV Program

General Trend					
✗	Getting Worse	■	Similar/ No Change	✓	Trend is Improving

Comparative Key Health Indicators

Category	Category	Gender		American Indian/Alaska Native		Asian		Black/African American		Two or More		White		Hispanic/Latino
		Male	Female	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate
		Rate	Rate											
Social and Economic	High-School Drop-out, 2020	1.7%	1.1%	5.0%	10.0	0.5%	✓	3.5%	7.0	1.3%	2.6	1.0	2.0	5.1%
	Percent of occupied housing owned	*	*	*	*	16.3%	2.0	7.2%	4.6	5.1%	6.5	33.2%	✓	1.6%
	Percent of population in poverty	10.8%	13.6%	*	*	*	*	45.8%	4.9	*	*	9.3%	✓	23.9%
	Median Household Income	45,348	33,753	97,905	✓	73,138	1.3	30,467	3.2	64,561	1.5	65,821	1.5	40,525
Access to Health	Percent Uninsured	4.2%	3.3%	4.4%	1.7	2.6%	✓	11.9%	4.6	7.7%	3.0	2.9%	1.1	17%
	Percent of adults who could not see a doctor due to cost	2.1%	2.7%	*	*	*	*	10.3%	1.5	*	*	6.8	✓	21.1%
Health Behavior	Adult Binge Drinking	23.2%	12.6%	*	*	7.1%	✓	17.2%	2.4	16.7%	2.4	18.0%	2.5	15.8%
	Adult Smoker	11.1%	12.1%	*	*	*	*	17.2%	1.6	*	*	11.0%	✓	15.8%
	Percent of Adults who are Physically Inactive	20.8%	22.1%	*	*	14.3%	1.0	14.0%	✓	*	*	18.7%	1.3	26.3%

Disparity Ratio Ranges			
✓ Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)

	Category	Gender		American Indian/Alaska Native		Asian		Black/African American		Two or More		White		Hispanic/Latino
		Male	Female	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate
		Rate	Rate											
Health Behavior	Incidence of Chlamydia (Crude rate per 100,000)	415.5	682.2	*	*	223.3	✓	2200.7	9.9	225.7	1.0	384.5	1.7	784.6
	Incidence of Gonorrhea (Crude rate per 100,000)	187.9	180.1	*	*	*	*	960.5	12.0	80.1	✓	113.8	1.4	273.7
	Incidence of Syphilis (Crude rate per 100,000)	14.5	4.4	*	*	*	*	54.7	11.6	*	*	4.7	✓	*
	Prevalence of Human Immunodeficiency Virus (Crude rate per 100,000)	143.1	35.2	*	*	*	*	243.2	3.4	72.8	1.0	71.9	✓	120.2
Mental Health	Percent of adults with 14 or more poor mental health days	9.7%	15.3%	*	*	*	*	17.2%	1.6	*	*	11.0%	✓	*
	Hospitalizations related to self-harm (age-adjusted rate per 100,000)	59.8	88.1	182.5	2.6	55.8	1.1	97.3	1.9	51.0	✓	69.2	1.4	89.8
	Suicide Deaths (age-adjusted per 100,000)	30.9	8.6	*	*	*	*	*	*	*	*	20.5	✓	*

Disparity Ratio Ranges			
✓	Reference Group	●	Low/No (1.0-1.4)
●	Moderate (1.5 – 2.4)	●	Significant (2.5 and higher)

Category	Category	Gender		American Indian/Alaska Native		Asian		Black/African American		Two or More		White		Hispanic/Latino
		Male	Female	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate
		Rate	Rate											
Maternal and Child Health	Infant death rate per 1,000 live births	NA	NA	*	*	*	*	11.9	3.5	*	*	3.4	✓	8.8
	Percent of births prenatal care started in first trimester	NA	NA	73.5%	1.2	86.2%	1.0	61.7%	1.4	78.0%	1.1	86.3%	✓	81.5%
	Percent of births prenatal care was not started or occurred in final trimester	NA	NA	*	*	*	*	6.3%	2.4	3.9%	1.5	2.6%	✓	4.8%
	Maternal tobacco use during pregnancy	NA	NA	*	*	*	*	6.6%	✓	18.6%	2.8	10.8%	1.6	11.1%
Injury and Violence	Unintentional injury death (Age-adjusted rate per 100,000)	60.9	32.0	*	*	*	*	92.7	2.1	*	*	43.7	✓	*
	Unintentional Falls death (Age-adjusted rate per 100,000)	18.1	11.6	*	*	*	*	*	*	*	*	14.7	✓	*
	Unintentional poisoning death (Age-adjusted rate per 100,000)	18.7	8.7	*	*	*	*	*	*	*	*	12.6	✓	*
	Opioid deaths (Age-adjusted rate per 100,000)	23.9	*	*	*	*	*	*	*	*	*	*	*	*
Disparity Ratio Ranges														
✓ Reference Group		● Low/No (1.0-1.4)			● Moderate (1.5 – 2.4)			● Significant (2.5 and higher)						

Category	Category	Gender		American Indian/Alaska Native		Asian		Black/African American		Two or More		White		Hispanic/Latino
		Male	Female	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate
		Rate	Rate											
Injury and Violence	Domestic violence suspects (2020): Cedar Rapids, IA (Crude rate per 100,000)	486.0	101.5	*	*	106.3	✓	1122.9	10.6	*	*	201.6	1.9	*
	Domestic violence victims (2020): Cedar Rapids, IA (Crude rate per 100,000)	111.4	332.1	*	*	*	*	662.6	3.5	*	*	188.6	✓	*
	Shots fired suspects (2020): Cedar Rapids, IA (Crude rate per 100,000)	131.6	4.4	*	*	*	*	537.0	63.9	*	*	8.4	✓	*
	Shots fired victims (2020): Cedar Rapids, IA (Crude rate per 100,000)	122.3	26.1	*	*	*	*	592.8	57.6	*	*	10.3	✓	*
	Homicide rate (Age-adjusted rate per 100,000)	6.3	1.8	*	*	*	*	21.3	9.7	*	*	2.2	✓	*

Disparity Ratio Ranges			
✓ Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)

Category	Category	Gender		American Indian/Alaska Native		Asian		Black/African American		Two or More		White		Hispanic/Latino
		Male	Female	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate
		Rate	Rate											
Chronic Disease	Heart Disease deaths (Age-adjusted rate per 100,000)	199.0	119.0	*	*	*	*	218.9	1.4	*	*	153.7	✓	*
	Cancer deaths (Age-adjusted rate per 100,000)	184.2	129.7	*	*	*	*	242.4	1.6	*	*	151.3	✓	117.9
	Stroke deaths (Age-adjusted rate per 100,000)	25.8	24.7	*	*	*	*	*	*	*	*	25.2	✓	*
	Diabetes deaths (Age-adjusted rate per 100,000)	13.4	16.5	*	*	*	*	*	*	*	*	15.3	✓	*
	Chronic Lower Respiratory deaths (Age-adjusted rate per 100,000)	44.7	34.9	*	*	*	*	35.8	✓	*	*	44.0	1.2	*
	Alzheimer's Disease deaths (Age-adjusted rate per 100,000)	27.4	37.5	*	*	*	*	*	*	*	*	33.8	✓	*

Disparity Ratio Ranges			
✓ Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)

Category	Category	Gender		American Indian/Alaska Native		Asian		Black/African American		Two or More		White		Hispanic/Latino
		Male	Female	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate	Ratio	Rate
		Rate	Rate											
Chronic Disease	All Cancer Incidence (Age-adjusted rate per 100,000)	523.5	483.4	*	*	233.0	✓	526.4	2.3	*	*	496.0	2.1	282.8
	Incidence of Lung Cancer (Age-adjusted rate per 100,000)	79.6	60.3	*	*	*	*	102.7	1.5	*	*	68.3	✓	*
	Female Breast Cancer Incidence (Age-adjusted rate per 100,000)	N/A	N/A	*	*	*	*	85.4	✓	*	*	152.0	1.8	*
	Colorectal Cancer Incidence (Age-adjusted rate per 100,000)	40.5	36.1	*	*	*	*	*	*	*	*	38.2	✓	*
	Percent of adults who are overweight or obese	75.6%	64.8%	*	*	38.5%	✓	77.8%	2.0	60.0%	1.6	70.8%	1.8	57.9%
	Percent of adults with a current asthma diagnosis	6.5%	14.5%	*	*	7.1%	✓	20.7%	2.9	*	*	10.8%	1.5	5.3%
	Percent of adults who have been told that they have diabetes	19.8%	16.8%	*	*	*	*	24.1%	2.0	*	*	11.8%	✓	*

Disparity Ratio Ranges			
✓ Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)

Category	Social and Economic				Access to Health	
	High School Drop-Out, 2020	Percent of occupied housing owned	Percent of population in poverty	Median Household Income	Percent Uninsured	Percent of adults who could not see a doctor due to cost
Rate: Hispanic/Latino	5.1%	1.6%	23.9%	40,525	15.8%	21.1%
Rate: Not Hispanic or Latino	4.6%	98.2%	10.2%	60,465	3.8%	6.6%
Ratio: Hispanic/Latino	1.1	0.02	2.3	0.67	4.16	3.2
Ratio: Not Hispanic/Latino	✓	✓	✓	✓	✓	✓

Category	Health Behavior						
	Incidence of Chlamydia (Crude rate per 100,000)	Incidence of Gonorrhea (Crude rate per 100,000)	Incidence of Syphilis (Crude rate per 100,000)	Prevalence of HIV (Crude rate per 100,000)	Incidence of Chlamydia (Crude rate per 100,000)	Incidence of Gonorrhea (Crude rate per 100,000)	Incidence of Syphilis (Crude rate per 100,000)
Rate: Hispanic/Latino	784.6	273.7	*	143.3	784.6	273.7	*
Rate: Not Hispanic or Latino	529.1	175.8	7.3	120.2	529.1	175.8	7.3
Ratio: Hispanic/Latino	1.5	1.6	*	1.2	1.5	1.6	*
Ratio: Not Hispanic/Latino	✓	✓	*	✓	✓	✓	*

Disparity Ratio Ranges				
✓	Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)

Category	Injury & Violence				Chronic Disease		
	Unintentional injury (Age-adjusted rate per 100,000)	Unintentional Falls (Age-adjusted rate per 100,000)	Unintentional poisoning (Age-adjusted rate per 100,000)	Opioid deaths (Age-adjusted rate per 100,000)	Heart Disease deaths (Age-adjusted rate per 100,000)	Cancer deaths (Age-adjusted rate per 100,000)	Stroke deaths (Age-adjusted rate per 100,000)
Rate: Hispanic/Latino	*	*	*	*	*	117.9	*
Rate: Not Hispanic or Latino	42.9	16.0	13.7	*	163.3	213.3	12.4
Ratio: Hispanic/Latino	*	*	*	*	*	✓	*
Ratio: Not Hispanic/Latino	*	*	*	*	*	1.8	*

Category	Chronic Disease						
	Diabetes deaths (Age-adjusted rate per 100,000)	Chronic Lower Respiratory deaths (Age-adjusted rate per 100,000)	Alzheimer's Disease deaths (Age-adjusted rate per 100,000)	Percent of adults with a current asthma diagnosis	All Cancer Incidence (Age-adjusted rate per 100,000)	Incidence of Lung Cancer (Age-adjusted rate per 100,000)	Female Breast Cancer Incidence (Age-adjusted rate per 100,000)
Rate: Hispanic/Latino	*	*	*	5.3%	252.9	*	*
Rate: Not Hispanic or Latino	15.4	38.3	23.1	10.9%	498.7	71.8	135.0
Ratio: Hispanic/Latino	*	*	*	✓	✓	*	*
Ratio: Not Hispanic/Latino	*	*	*	2.1	2.0	*	*

Disparity Ratio Ranges				
✓	Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)

Category	Chronic Disease			Maternal & Child Health			
	Colorectal Cancer Incidence (Age-adjusted rate per 100,000)	Percent of adults who are overweight or obese	Percent of adults who have been told that they have diabetes	Percent of births prenatal care not started/ occurred in final trimester	Maternal tobacco use during pregnancy	Infant death rate per 1,000 live births	Percent of births prenatal care started in first trimester
Rate: Hispanic/Latino	*	57.9%	*	*	5.7%	8.8	81.5%
Rate: Not Hispanic or Latino	44.5	63.7%	12.4%	3.4%	94.3%	*	83.7%
Ratio: Hispanic/Latino	*	✓	*	*	✓	*	1.0
Ratio: Not Hispanic/Latino	*	1.1	*	*	16.5	*	✓

Category	Mental Health		
	Percent of adults with 14 or more poor mental health days	Hospitalization related to self-harm (age-adjusted rate per 100,000) (2018-2020)	Suicide Deaths (age-adjusted per 100,000)
Rate: Hispanic/Latino	21.1%	296.2	*
Rate: Not Hispanic or Latino	12.1%	154.2	15.6
Ratio: Hispanic/Latino	1.7	1.92	*
Ratio: Not Hispanic/Latino	✓	✓	*

Disparity Ratio Ranges			
✓ Reference Group	● Low/No (1.0-1.4)	● Moderate (1.5 – 2.4)	● Significant (2.5 and higher)