

FMCH/Lee County

Community Health Needs Assessment (CHNA)

Implementation Years 2020-2023

Community Health Indicators and Data Profile Report

September 2018



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Data Categories

Demographics | Social Economic Factors | Physical Environment

Clinical Care | Health Behaviors | Health Outcomes

County Health Rankings Report 2018

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Our community

Lee County, Iowa is a rural county covering 517 square miles with 65.1 persons per square mile and an estimated population of 33,657 according to the US Census Bureau.

Lee County is located in the Southeast portion of Iowa with Missouri and Illinois at its borders.

Our County has two hospitals, Unity Point-Keokuk and Fort Madison

Community Hospital (FMCH). Both hospitals have provider health clinics and operate emergency departments 24/7. The county has one Federally Qualified Health Center –The Community

Health Center of Southeast Iowa (CHC-SEIA) located in Keokuk. The Lee County Health

Department (LCHD) is the local public health agency who is governed by the Lee County Board

of Health and provides many community/public health programs, home care and Hospice

services. The Board of Health is a five-member volunteer Board appointed by our five county

elected Supervisors.

We have two county seats with one located in Keokuk and the other in Fort Madison. There are three public school districts, the Keokuk Community School District, Fort Madison Community School District, and Central Lee School District. There are also three private parochial school districts which include the Holy Trinity Schools, Keokuk Catholic Schools, and the Keokuk Christian Academy.

The economy is led by manufacturing, health care and social services, wholesale and resale trade, and education. In 2013, FMCH began to collaborate with LCHD and Unity Point- Keokuk (formerly Keokuk Area Hospital) to complete the CHNA & HIP process every three years to be on the same community health needs assessment cycles and avoid duplicating the process.

The community FMCH serves includes all of Lee County as determined by our inpatient and outpatient market share. Our primary and secondary service area includes the following zip codes and was used for the purpose of the CHNA to determine our community:

52619 Argyle, IA

52624 Denmark, IA

52625 Donnellson, IA

52627 Fort Madison, IA

52656 West Point, IA

52632 Keokuk, IA

52631 Houghton, IA

52639 Montrose, IA

52648 Pilot Grove, IA

52657 St. Paul, IA

52658 Wever, IA

Development of the 2020-2023 CHNA/HIP

In the summer of 2018, a new CHNA process was initiated by LCHD, Unity Point-Keokuk, and FMCH. A community wide survey was drafted and distributed to the general population as well as with some targeted focus groups (elderly, youth, and vulnerable populations) beginning in May 2018. The survey was made available through survey monkey and paper copies. The purpose of the survey was to get community members viewpoint on the health needs of the county. We worked with county libraries, health department agencies, large employers and

public invitation through mass media to encourage participation. The survey period ended in September, 2018.

In September 2018, several community partners and stakeholders began to organize, gather and assess county and state level data, survey results, as well as analyze our county strengths and assets. Our community strengths and assets in Lee County that were identified by our community partners were chosen by reviewing and analyzing categories of direct health services, health education and information resources, and ancillary community assets important for the health and well-being of everyone in Lee County. Data sets were also compiled to be used as resources to support the survey results at the scheduled community town hall meeting.

A town hall meeting was held on October 4, 2018. This was an open meeting held in the county – county leaders, health care professionals and general public were invited to attend. The participants were given county data along with the survey results. They were then led through the process of drilling down to the most prevalent and immediate community health needs for the county.

Those in attendance included representatives from the following organizations:

Lee County Health Department
Fort Madison Community Hospital
Unity Point – Keokuk
Lee County Board of Health
LCHD – Family Support
Lee County Conservation Department
Lee County MHDS (mental health)
RVAP (Rape Victim Advocacy Program)
Southeast Iowa Regional Planning Commission
Community Health Centers of Southeast Iowa
Hoerner (Keokuk) YMCA
Milestones Area Agency on Aging
ADDS
LCHD – Dental
Children First ECI

The resulting goals were drafted by Lee County Health Department- identifying the commonalities in the each area of concern. Through the process of prioritizing the identified health needs of the community, Lee County Health Department also noted other agencies already engaged in meeting these needs. FMCH and UnityPoint- Keokuk collaborated on the creation of this document and FMCH formulated their goals from this master document (attached-revised CHNA) approved by the Lee County Board of Health.

The FMCH Board of Directors approved the 2020-2023 CHNA at their board meeting in August of 2019. (Change of FY moved it up from October to August).

LEE COUNTY & FMCH'S VISION AND MISSION TO ADDRESS COMMUNITY NEEDS

Lee County community partners have a common vision for addressing the health of the community. The vision is for "Lee County to be a healthy place to live, learn, work, and play" Live Healthy Lee County! The mission statement chosen is "It takes a Community" as partners believe it takes involvement from all levels to improve the health of our county from individuals, neighborhoods/community, business and industry, institutional, and governance levels.

Partners have created a coalition "Live Healthy Lee County" that is a group of organizations and individuals working on various health improvement aspects within Lee County that promote healthy living in the county. The coalition has its own logo branding, website, and meets at least quarterly to address various health issues and strategies to support our vision and mission. The website can be located at livehealthyleecounty.org. One project of note, is the garden boxes located at easy access points for senior citizens. People with excess produce drop it off and it is placed in the boxes for the seniors to use.

In addition, upon the affiliation of Great River Health and FMCH, a GRHS-FMCH Community Health Foundation was formed to provide financial support for community projects that will positively affect the health of our community. The first project funded is an expansion of recreational trails in Fort Madison through PORT of Fort Madison. Recreational trails provide a tool to encourage healthy living. This is also one of our CHNA goals.

They also supported the creation of Science, Technology, Engineering, Arts & Technology room at the local elementary school to create a learning environment to support the mental health of the children participating; as well as, Elliott Test Kitchen which provides a safe space for children to enhance their educational experience while also learning to cook healthy meals. We continue to look for ways to work together to impact the health of our communities we serve.

Target Areas and Service to Vulnerable Populations

Lee County's CHNA & HIP process included assessing the needs of our more vulnerable populations including those who live in rural areas of the county. Surveys were distributed to the general population but also to several focus groups. This included the older residents of our community that access senior housing, congregate meal sites, and health services; at risk families with children who access home visiting services, Women Infant and Children clinics, and Maternal Child Health Services; our youth enrolled in community college/higher academics; and clients of our service organizations partners who serve those with mental health issues, substance abuse issues, or other health care needs.

LEE COUNTY Community Health Needs Assessment (CHNA)

Community Health Indicators and Data Profile Report Created September 2018

Report Area

Lee County, IA

Data Categories

Demographics | Social Economic Factors | Physical Environment | Clinical Care | Health Behaviors | Health Outcomes

Demographics

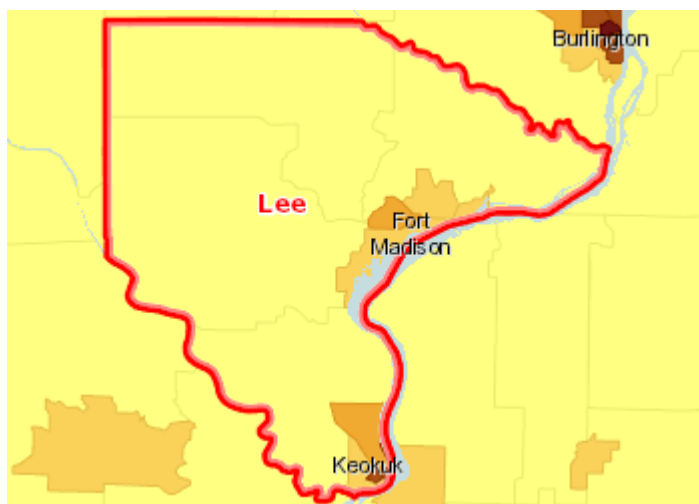
Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

Total Population

A total of 35,172 people live in the 517.52 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2012-16 5-year estimates. The population density for this area, estimated at 67.96 persons per square mile, is less than the national average population density of 90.19 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Lee County, IA	35,172	517.52	67.96
Iowa	3,106,589	55,856.49	55.62
United States	318,558,162	3,532,068.58	90.19

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Population, Density (Persons per Sq Mile) by Tract, ACS 2012-16

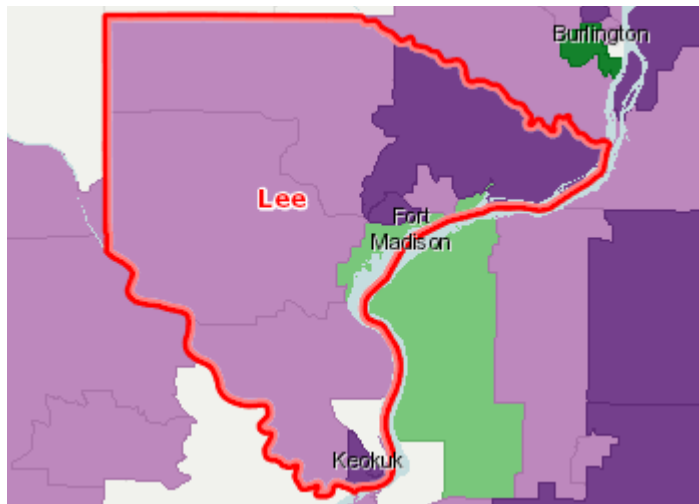


Change in Total Population

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area fell by 2,190 persons, a change of -5.76%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Total Population Change, 2000-2010	Percent Population Change, 2000-2010
Lee County, IA	38,052	35,862	-2,190	-5.76%
Iowa	2,926,325	3,046,355	120,030	4.1%
United States	280,405,781	307,745,539	27,339,758	9.75%

Data Source: US Census Bureau, Decennial Census. 2000 - 2010. Source geography: Tract



Population Change, Percent by Tract, US Census 2000 - 2010

- Over 10.0% Increase ()
- 1.0 - 10.0% Increase ()
- Less Than 1.0% Change (/ -)
- 1.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Report Area

Families with Children

According to the most recent the American Community Survey estimates, 28.14% of all occupied households in the report area are family households with one or more child(ren) under the age of 18. As [defined](#) by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Households	Total Family Households	Families with Children (Under Age 18)	Families with Children (Under Age 18), Percent of Total Households
Lee County, IA	14,318	9,228	4,029	28.14%
Iowa	1,242,641	798,664	370,843	29.84%
United States	117,716,237	77,608,829	37,299,113	31.69%

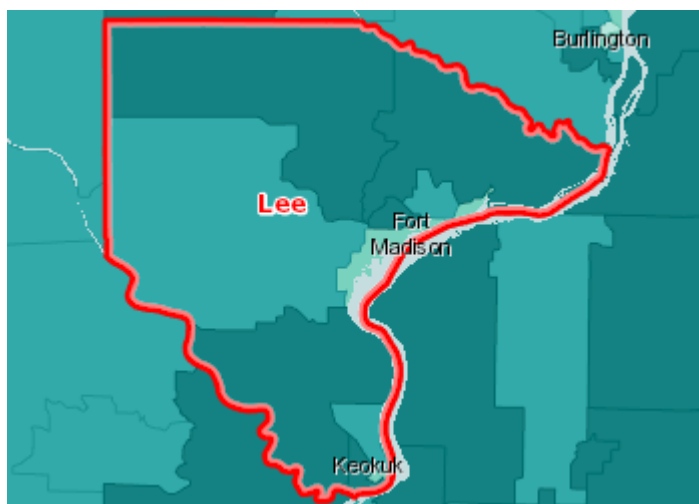
Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Median Age

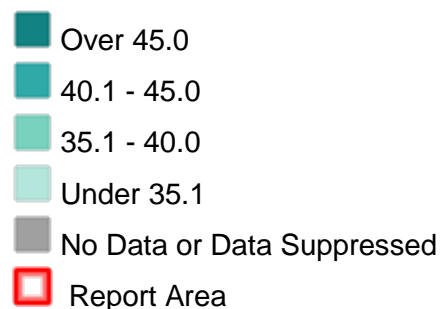
This indicator reports population median age based on the 5-year American Community Survey estimate.

Report Area	Total Population	Median Age
Lee County, IA	35,172	43.4
Iowa	3,106,589	38
United States	318,558,162	37.7

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Median Age by Tract, ACS 2012-16



Population Under Age 18

An estimated 21.63% of the population in the report area is under the age of 18 according to the U.S. Census Bureau American Community Survey 2012-16 5-year estimates. An estimated total of 7,608 youths resided in the area during this time period. The number of persons under age 18 is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-17	Percent Population Age 0-17
Lee County, IA	35,172	7,608	21.63%
Iowa	3,106,589	727,514	23.42%
United States	318,558,162	73,612,438	23.11%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Population Age 18-64

This indicator reports the percentage of population age 18-64 in the designated geographic area. This indicator is relevant because it is important to understand the percentage of adults in the community, as this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 18-64	Percent Population Age 18-64
Lee County, IA	35,172	20,938	59.53%
Iowa	3,106,589	1,888,294	60.78%
United States	318,558,162	198,765,092	62.4%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Population Age 65

An estimated 18.84% of the population in the report area is age 65 or older according to the U.S. Census Bureau American Community Survey 2012-16 5-year estimates. An estimated total of 6,626 older adults resided in the area during this time period. The number of persons age 65 or older is relevant because this population has unique health needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 65	Percent Population Age 65
Lee County, IA	35,172	6,626	18.84%
Iowa	3,106,589	490,781	15.8%
United States	318,558,162	46,180,632	14.5%

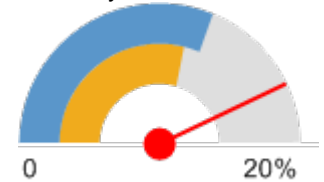
Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Population with Any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

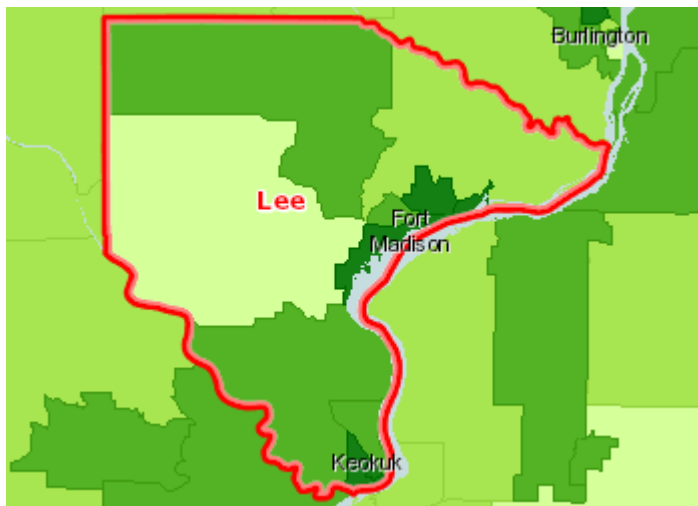
Report Area	Total Population (For Whom Disability Status Is Determined)	Total Population with a Disability	Percent Population with a Disability
Lee County, IA	34,365	5,894	17.15%
Iowa	3,062,954	356,817	11.65%
United States	313,576,137	39,272,529	12.52%

Percent Population with a Disability

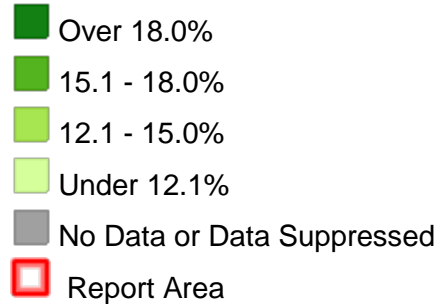


■ Lee County, IA (17.15%)
■ Iowa (11.65%)
■ United States (12.52%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Disabled Population, Percent by Tract, ACS 2012-16

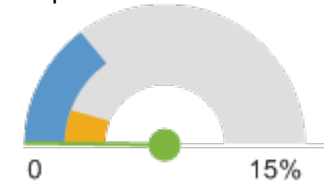


Population in Limited English Households

This indicator reports the percentage of the population aged 5 and older living in Limited English speaking households. A "Limited English speaking household" is one in which no member 14 years old and over (1) speaks only English at home or (2) speaks a language other than English at home and speaks English "Very well." This indicator is significant as it identifies households and populations that may need English-language assistance.

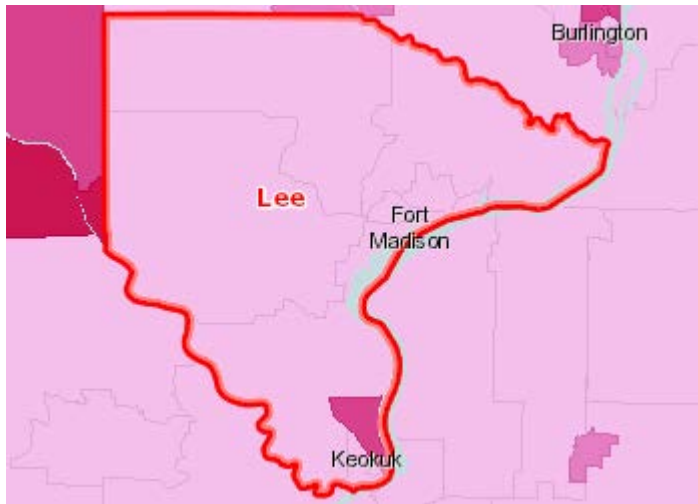
Report Area	Total Population Age 5	Linguistically Isolated Population	Percent Linguistically Isolated Population
Lee County, IA	33,156	28	0.08%
Iowa	2,909,721	52,484	1.8%
United States	298,691,202	13,393,615	4.48%

Percent Linguistically Isolated Population



- Lee County, IA (0.08%)
- Iowa (1.8%)
- United States (4.48%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



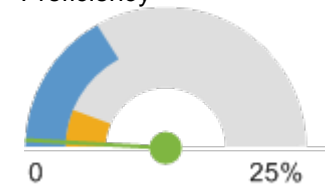
Population in Linguistically Isolated Households, Percent by Tract, ACS 2012-16

- Over 3.0%
- 1.1 - 3.0%
- 0.1 - 1.1%
- No Population in Linguistically Isolated Households
- No Data or Data Suppressed
- Report Area

Population with Limited English Proficiency

This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well." This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education.

Percent Population Age 5 with Limited English Proficiency



- Lee County, IA (0.4%)
- Iowa (3.17%)
- United States (8.52%)

Report Area	Population Age 5	Population Age 5 with Limited English Proficiency	Percent Population Age 5 with Limited English Proficiency
Lee County, IA	33,156	131	0.4%
Iowa	2,909,721	92,162	3.17%
United States	298,691,202	25,440,956	8.52%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Population Geographic Mobility

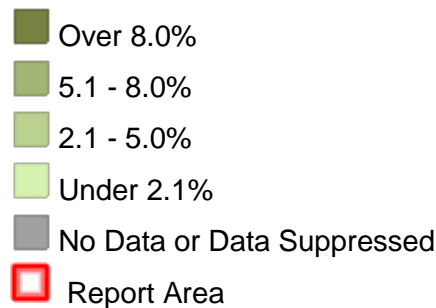
This indicator reports information about population in-migration by assessing changes in residence within a one year period. Of the 34,747 persons residing in the report area, an estimated 4.03% relocated to the area, according to the latest American Community Survey 5-year estimates. Persons who moved to a new household from outside of their current county of residence, from outside their state of residence, or from abroad are considered part of the in-migrated population. Persons who moved to a new household from a different household within their current county of residence are not included.

Report Area	Total Population	Population In-Migration	Percent Population In-Migration
Lee County, IA	34,747	1,402	4.03%
Iowa	3,066,927	203,747	6.64%
United States	314,813,229	19,417,258	6.17%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Population Migrated from Outside of the County, State, or Country, Percent of Total Population by Tract, ACS 2012-16



Foreign-Born Population

This indicator reports the percentage of the population that is foreign-born. The foreign-born population includes anyone who was not a U.S. citizen or a U.S. national at birth. This includes any non-citizens, as well as persons born outside of the U.S. who have become naturalized citizens. The native U.S. population includes any person born in the United States, Puerto Rico, a U.S. Island Area (such as Guam), or abroad of American (U.S. citizen) parent or parents. The latest figures from the U.S. Census Bureau show that 434 persons in the report area are of foreign birth, which represents 1.23% of the report area population. This percentage is less than the national rate of 13.18%.

Report Area	Total Population	Naturalized U.S. Citizens	Population Without U.S. Citizenship	Total Foreign-Birth Population	Foreign-Birth Population, Percent of Total Population
Lee County, IA	35,172	189	245	434	1.23%
Iowa	3,106,589	56,676	94,491	151,167	4.87%
United States	318,558,162	19,979,407	22,214,947	42,194,354	13.25%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Hispanic Population

The estimated population that is of Hispanic, Latino, or Spanish origin in the report area is 1,196. This represents 3.4% of the total report area population, which is less than the national 17.13% rate. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. People who identify their origin as Hispanic, Latino, or Spanish may be of any race.

Report Area	Total Population	Non-Hispanic Population	Percent Population Non-Hispanic	Hispanic or Latino Population	Percent Population Hispanic or Latino
Lee County, IA	35,172	33,976	96.6%	1,196	3.4%
Iowa	3,106,589	2,933,882	94.44%	172,707	5.56%
United States	318,558,162	263,359,055	82.67%	55,199,107	17.33%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Population, Hispanic or Latino, Percent by Tract, ACS 2012-16

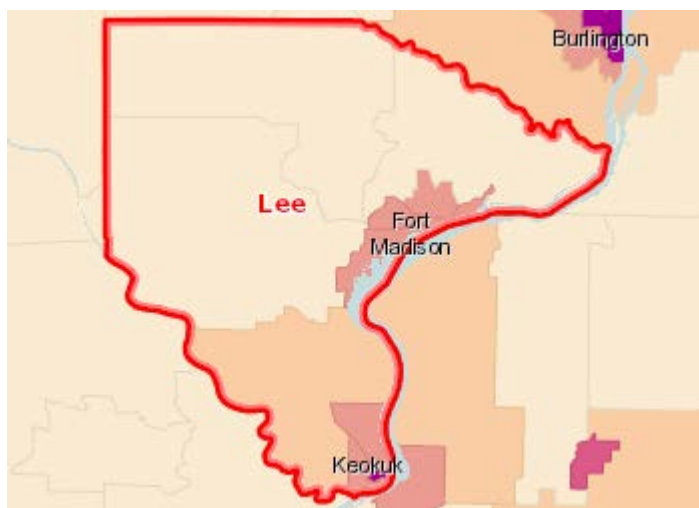
- Over 10.0%
- 5.1 - 10.0%
- 2.1 - 5.0%
- Under 2.1%
- No Hispanic Population Reported
- No Data or Data Suppressed
- Report Area

Urban and Rural Population

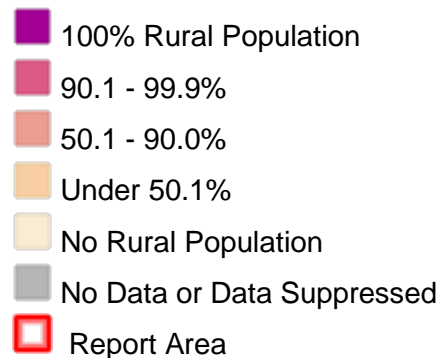
This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban.

Report Area	Total Population	Urban Population	Rural Population	Percent Urban	Percent Rural
Lee County, IA	35,862	21,296	14,566	59.38%	40.62%
Iowa	3,046,355	1,950,256	1,096,099	64.02%	35.98%
United States	312,471,327	252,746,527	59,724,800	80.89%	19.11%

Data Source: US Census Bureau, Decennial Census. 2010. Source geography: Tract



Urban Population, Percent by Tract, US Census 2010

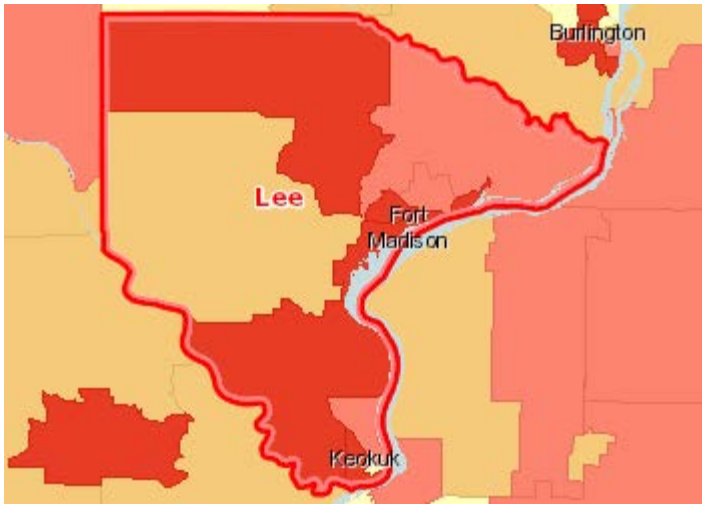


Veteran Population

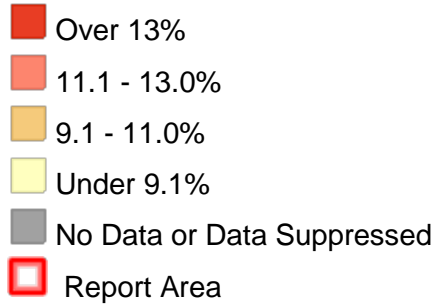
This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II.

Report Area	Total Population Age 18	Total Veterans	Veterans, Percent of Total Population
Lee County, IA	27,496	3,090	11.24%
Iowa	2,377,378	203,277	8.55%
United States	243,935,157	19,535,341	8.01%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Veterans, Percent of Total Population by Tract, ACS 2012-16



Social Economic Factors

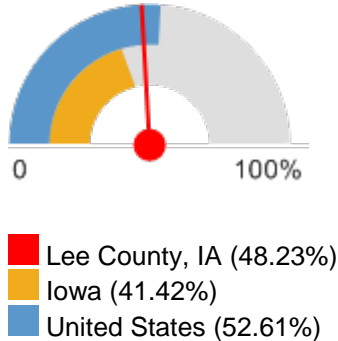
Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community’s ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

Children Eligible for Free/Reduced Price Lunch

Within the report area 2,377 public school students or 48.23% are eligible for Free/Reduced Price lunch out of 4,928 total students enrolled. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Lee County, IA	4,928	2,377	48.23%
Iowa	500,105	207,129	41.42%
United States	50,611,787	25,893,504	52.61%

Percent Students Eligible for Free or Reduced Price Lunch



Data Source: National Center for Education Statistics, NCES - Common Core of Data. 2015-16. Source geography: Address

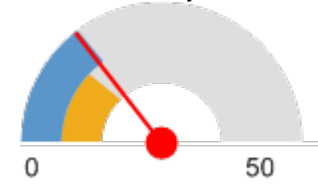
Food Insecurity Rate

This indicator reports the estimated percentage of the population that experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Total Population	Food Insecure Population, Total	Food Insecurity Rate
Lee County, IA	35,552	5,140	14.46%
Iowa	3,107,126	384,830	12.4%
United States	318,198,163	47,448,890	14.91%

Data Source: Feeding America. 2014. Source geography: County

Percentage of Total Population with Food Insecurity



Lee County, IA (14.46)
Iowa (12.4)
United States (14.91)

High School Graduation Rate (EdFacts)

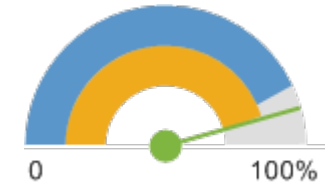
Within the report area 91.3% of students are receiving their high school diploma within four years. Data represents the 2015-16 school year.

This indicator is relevant because research suggests education is one the strongest predictors of health ([Freudenberg Ruglis, 2007](#)).

Report Area	Total Student Cohort	Estimated Number of Diplomas Issued	Cohort Graduation Rate
Lee County, IA	393	359	91.3
Iowa	34,446	31,290	90.8
United States	3,135,216	2,700,120	86.1

Data Source: US Department of Education, ED Facts. Accessed via DATA.GOV. Additional data analysis by CARES. 2015-16. Source geography: School District

Cohort Graduation Rate



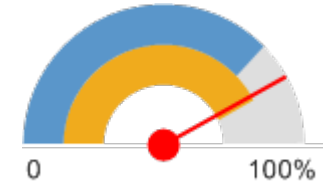
Lee County, IA (91.3%)
Iowa (90.8%)
United States (86.1%)

High School Graduation Rate (NCES)

Within the report area 83.8% of students are receiving their high school diploma within four years. This is greater than the Healthy People 2020 target of 82.4%. This indicator is relevant because research suggests education is one the strongest predictors of health ([Freudenberg Ruglis, 2007](#)).

Report Area	Average Freshman Base Enrollment	Estimated Number of Diplomas Issued	On-Time Graduation Rate
Lee County, IA	480	402	83.8
Iowa	39,571	33,926	85.7
United States	4,024,345	3,039,015	75.5
HP 2020 Target			> =82.4

On-Time Graduation Rate



- Lee County, IA (83.8%)
- Iowa (85.7%)
- United States (75.5%)

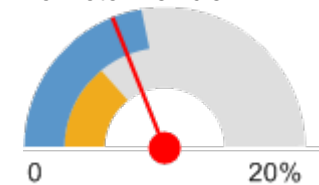
Data Source: National Center for Education Statistics, NCES - Common Core of Data. 2008-09. Source geography: County

Households with No Motor Vehicle

This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates.

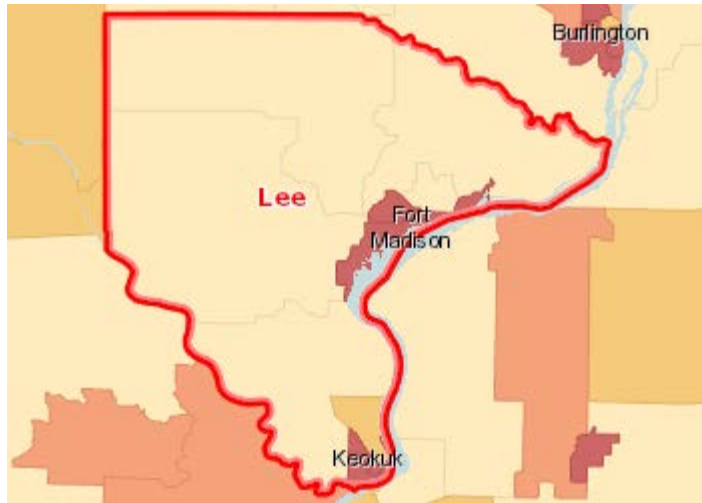
Report Area	Total Occupied Households	Households with No Motor Vehicle	Percentage of Households with No Motor Vehicle
Lee County, IA	14,318	1,090	7.61%
Iowa	1,242,641	70,658	5.69%
United States	117,716,237	10,562,847	8.97%

Percentage of Households with No Motor Vehicle

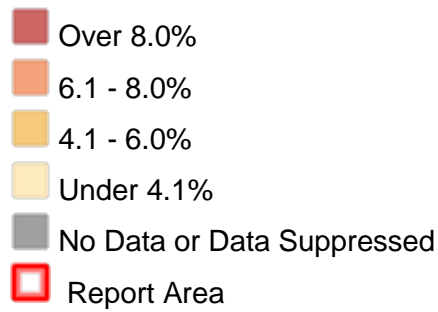


- Lee County, IA (7.61%)
- Iowa (5.69%)
- United States (8.97%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Households with No Vehicle, Percent by Tract, ACS 2012-16

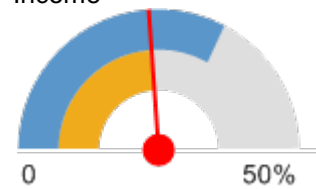


Housing Cost Burden (30%)

This indicator reports the percentage of the households where housing costs exceed 30% of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels.

Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Percentage of Cost Burdened Households (Over 30% of Income)
Lee County, IA	14,318	3,406	23.79%
Iowa	1,242,641	294,827	23.73%
United States	117,716,237	38,719,430	32.89%

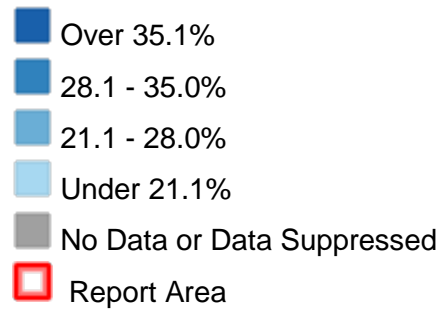
Percentage of Households where Housing Costs Exceed 30% of Income



Data Source: US Census Bureau, American Community Survey. 2012-16.
Source geography: Tract



Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2012-16

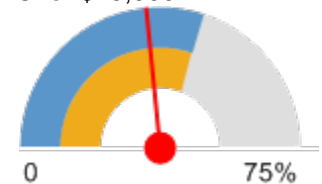


Income - Families Earning Over \$75,000

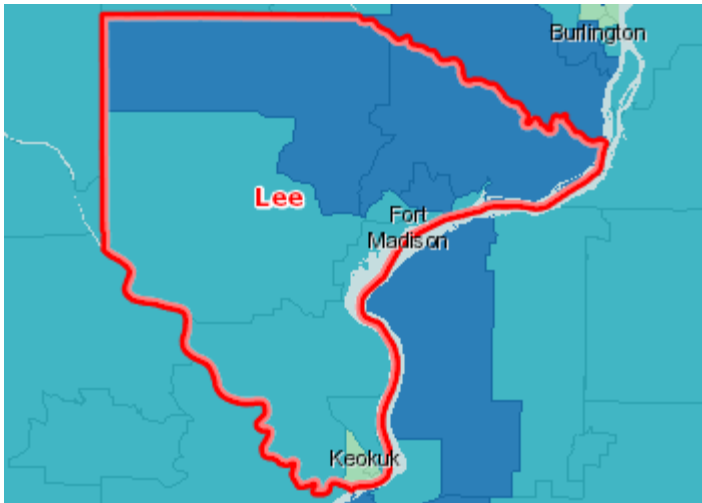
In the report area, 35.11%, or 3,240 families report a total annual income of \$75,000 or greater. Total income includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. As [defined](#) by the US Census Bureau, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

Report Area	Total Families	Families with Income Over \$75,000	Percent Families with Income Over \$75,000
Lee County, IA	9,228	3,240	35.11%
Iowa	798,664	363,150	45.47%
United States	77,608,829	35,073,881	45.19%

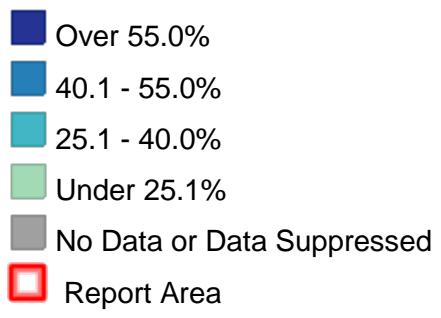
Percent Families with Income Over \$75,000



Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Family Income Over \$75,000, Percent by Tract, ACS 2012-16

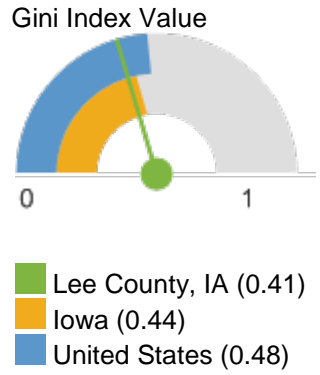


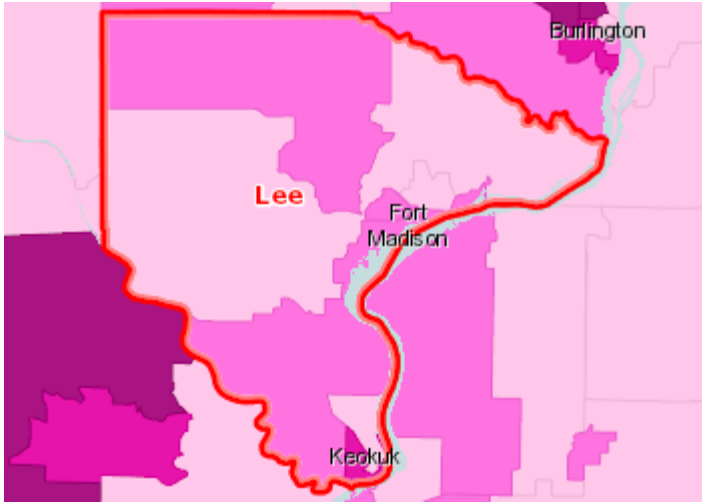
Income - Inequality (GINI Index)

This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one house-hold has any income. A value of zero indicates perfect equality, where all households have equal income. Index values are acquired from the 2012-16 American Community Survey and are not available for custom report areas or multi-county areas.

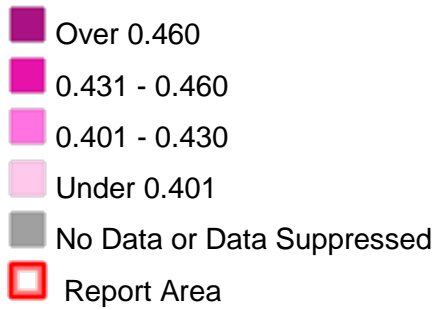
Report Area	Total Households	Gini Index Value
Lee County, IA	14,318	0.41
Iowa	1,242,641	0.44
United States	117,716,237	0.48

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract





Income Inequality (GINI), Index Value by Tract, ACS 2012-16

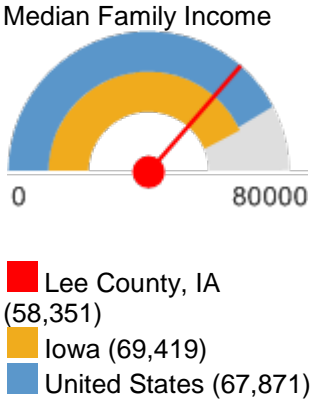


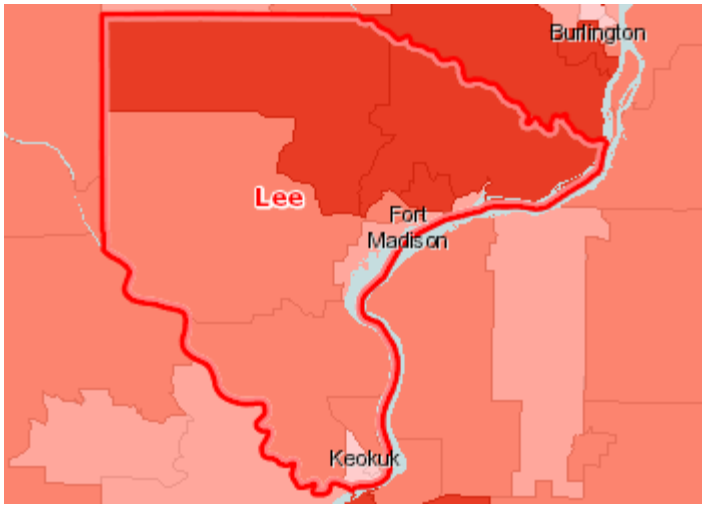
Income - Median Family Income

This indicator reports median family income based on the latest 5-year American Community Survey estimates. A family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption. Family income includes the incomes of all family members age 15 and older.

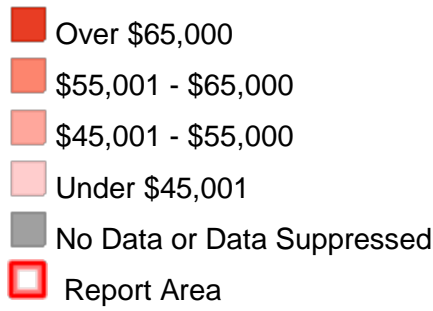
Report Area	Total Family Households	Average Family Income	Median Family Income
Lee County, IA	9,228	\$66,184	\$58,351
Iowa	798,664	\$85,136	\$69,419
United States	77,608,829	\$90,960	\$67,871

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract





Median Family Income by Tract, ACS 2012-16

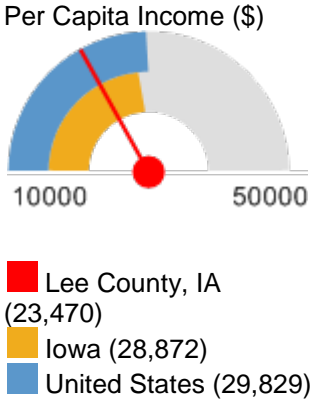


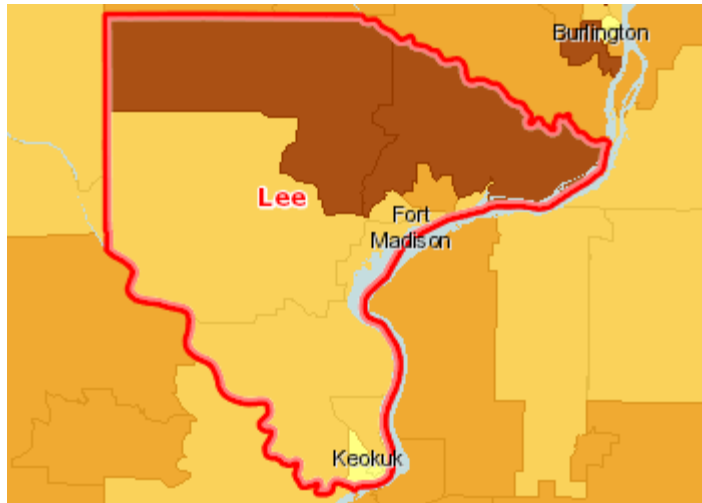
Income - Per Capita Income

The per capita income for the report area is \$23,470. This includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. The per capita income in this report area is the average (mean) income computed for every man, woman, and child in the specified area.

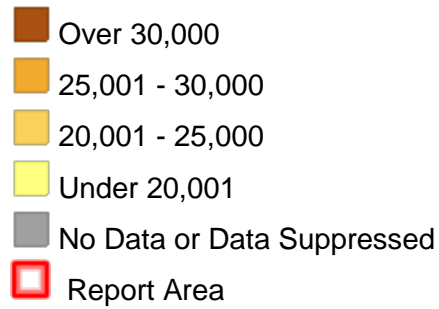
Report Area	Total Population	Total Income (\$)	Per Capita Income (\$)
Lee County, IA	35,172	\$825,500,700	\$23,470
Iowa	3,106,589	\$89,693,789,500	\$28,872
United States	318,558,162	\$9,502,305,741,900	\$29,829

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract





Per Capita Income by Tract, ACS 2012-16

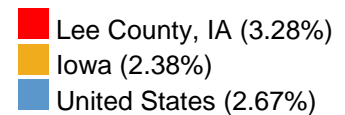
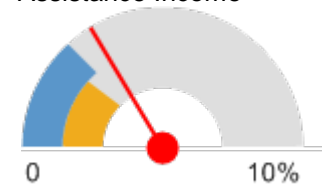


Income - Public Assistance Income

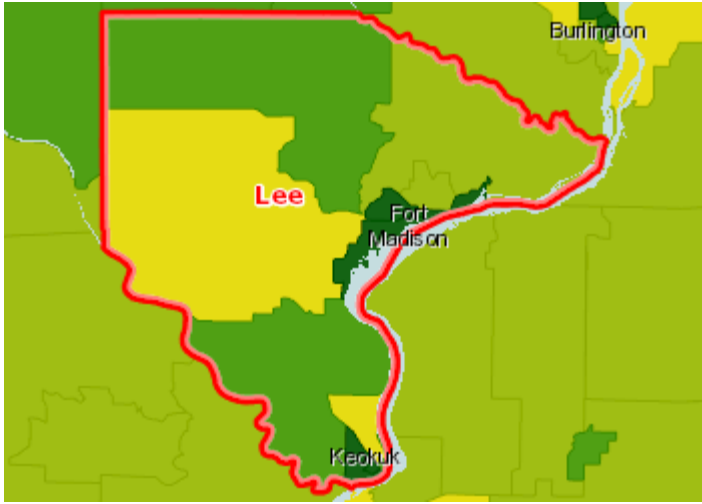
This indicator reports the percentage households receiving public assistance income. Public assistance income includes general assistance and Temporary Assistance to Needy Families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include Supplemental Security Income (SSI) or noncash benefits such as Food Stamps.

Report Area	Total Households	Households with Public Assistance Income	Percent Households with Public Assistance Income
Lee County, IA	14,318	470	3.28%
Iowa	1,242,641	29,521	2.38%
United States	117,716,237	3,147,577	2.67%

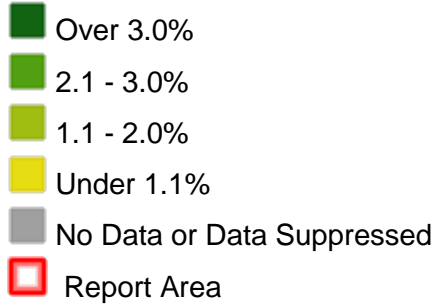
Percent Households with Public Assistance Income



Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



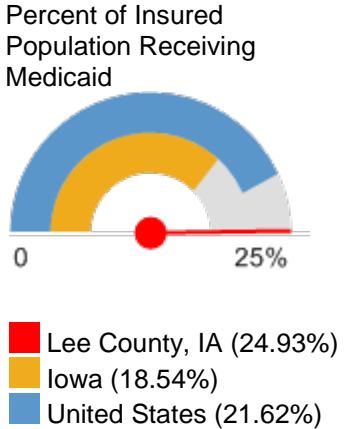
Households with Public Assistance Income, Percent by Tract, ACS 2012-16



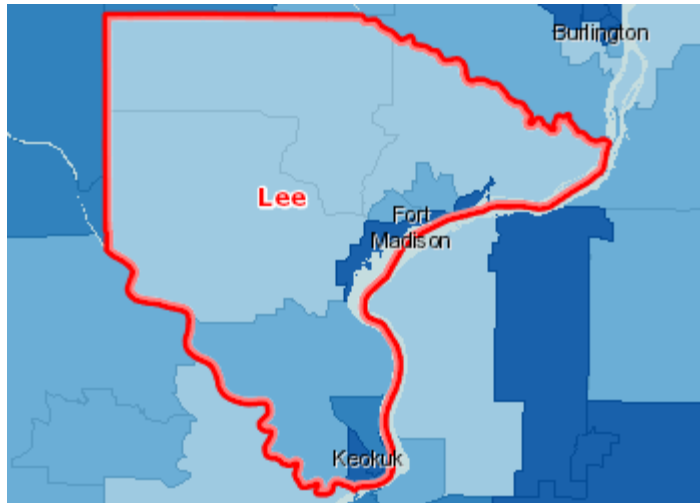
Insurance - Population Receiving Medicaid

This indicator reports the percentage of the population with insurance enrolled in Medicaid (or other means-tested public health insurance). This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

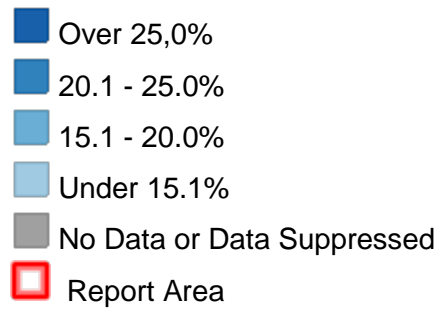
Report Area	Total Population (For Whom Insurance Status is Determined)	Population with Any Health Insurance	Population Receiving Medicaid	Percent of Insured Population Receiving Medicaid
Lee County, IA	34,365	32,043	7,989	24.93%
Iowa	3,062,954	2,868,244	531,880	18.54%
United States	313,576,137	276,875,891	59,874,221	21.62%



Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Insured, Medicaid / Means-Tested Coverage, Percent by Tract, ACS 2012-16



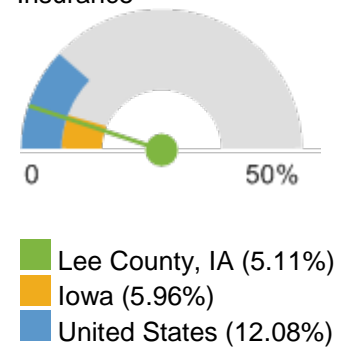
Insurance - Uninsured Adults

The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of adults age 18 to 64 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population Age 18 - 64	Population with Medical Insurance	Percent Population With Medical Insurance	Population Without Medical Insurance	Percent Population Without Medical Insurance
Lee County, IA	19,436	18,443	94.89%	993	5.11%
Iowa	1,827,444	1,718,437	94.04%	109,007	5.96%
United States	194,808,251	171,274,851	87.92%	23,533,400	12.08%

Percent Population Age 18-64 Without Medical Insurance



Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2016. Source geography: County

Insurance - Uninsured Children

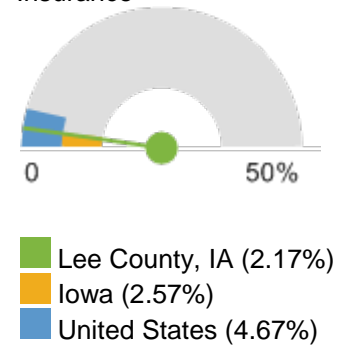
The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of children under age 19 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population Under Age 19	Population with Medical Insurance	Percent Population With Medical Insurance	Population Without Medical Insurance	Percent Population Without Medical Insurance
Lee County, IA	7,543	7,379	97.83%	164	2.17%
Iowa	753,581	734,195	97.43%	19,386	2.57%
United States	76,219,054	72,659,457	95.33%	3,559,597	4.67%

Data Source: US Census Bureau, Small Area Health Insurance Estimates. 2016. Source geography: County

Percent Population Under Age 19 Without Medical Insurance



Insurance - Uninsured Population

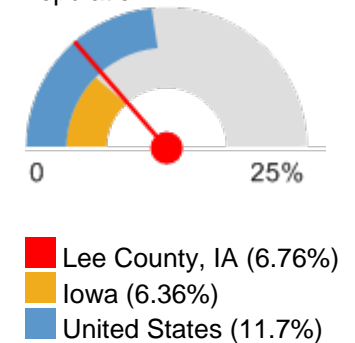
The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Total Uninsured Population	Percent Uninsured Population
Lee County, IA	34,365	2,322	6.76%
Iowa	3,062,954	194,710	6.36%
United States	313,576,137	36,700,246	11.7%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Percent Uninsured Population

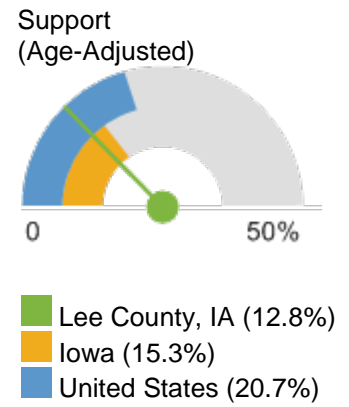


Lack of Social or Emotional Support

This indicator reports the percentage of adults aged 18 and older who self-report that they receive insufficient social and emotional support all or most of the time. This indicator is relevant because social and emotional support is critical for navigating the challenges of daily life as well as for good mental health. Social and emotional support is also linked to educational achievement and economic stability.

Percent Adults Without Adequate Social / Emotional

Report Area	Total Population Age 18	Estimated Population Without Adequate Social / Emotional Support	Crude Percentage	Age-Adjusted Percentage
Lee County, IA	27,872	3,791	13.6%	12.8%
Iowa	2,307,562	355,365	15.4%	15.3%
United States	232,556,016	48,104,656	20.7%	20.7%

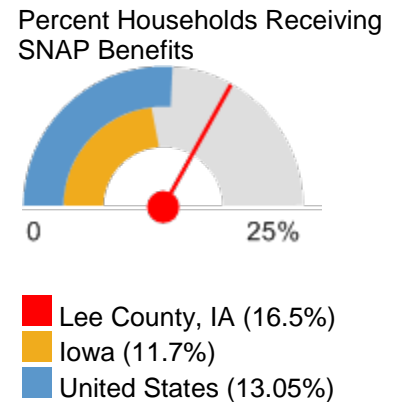


Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

Population Receiving SNAP Benefits (ACS)

This indicator reports the estimated percentage of households receiving the Supplemental Nutrition Assistance Program (SNAP) benefits. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrolment.

Report Area	Total Households	Households Receiving SNAP Benefits	Percent Households Receiving SNAP Benefits
Lee County, IA	14,318	2,363	16.5%
Iowa	1,242,641	145,394	11.7%
United States	117,716,237	15,360,951	13.05%



Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

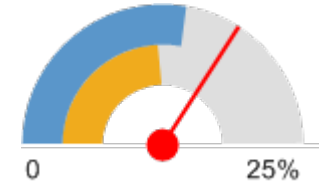
Population Receiving SNAP Benefits (SAIPE)

This indicator reports the average percentage of the population receiving the Supplemental Nutrition Assistance Program (SNAP) benefits between the months of July 2014 and July 2015. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Total Population	Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Lee County, IA	35,089	5,985	17.1%
Iowa	3,123,899	382,258	12.2%
United States	321,396,328	44,567,069	13.9%

Data Source: US Census Bureau, Small Area Income Poverty Estimates. 2015.
Source geography: County

Percent Population Receiving SNAP Benefits



- Lee County, IA (17.1%)
- Iowa (12.2%)
- United States (13.9%)

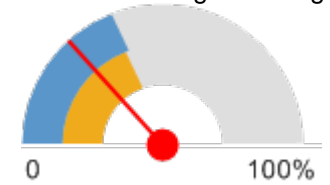
Population with Associate's Level Degree or Higher

26.75% of the population aged 25 and older, or 6,617 have obtained an Associate's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

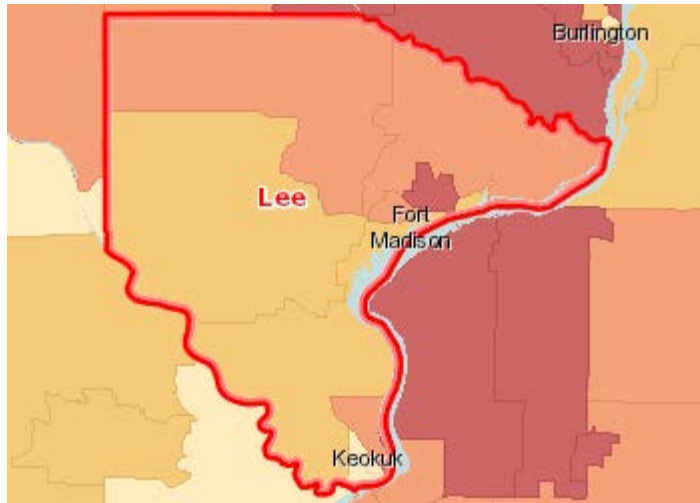
Report Area	Total Population Age 25	Population Age 25 with Associate's Degree or Higher	Percent Population Age 25 with Associate's Degree or Higher
Lee County, IA	24,733	6,617	26.75%
Iowa	2,058,840	791,060	38.42%
United States	213,649,147	82,237,511	38.49%

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

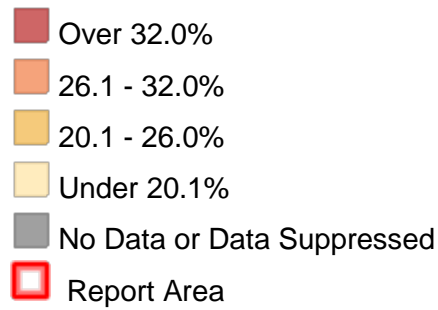
Percent Population Age 25 with Associate's Degree or Higher



- Lee County, IA (26.75%)
- Iowa (38.42%)
- United States (38.49%)



Population with an Associate Level Degree or Higher, Percent by Tract, ACS 2012-16

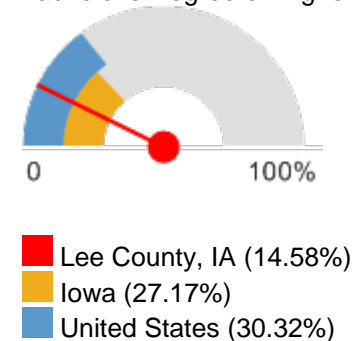


Population with Bachelor's Degree or Higher

14.58% of the population aged 25 and older, or 3,606 have obtained an Bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25	Population Age 25 with Bachelor's Degree or Higher	Percent Population Age 25 with Bachelor's Degree or Higher
Lee County, IA	24,733	3,606	14.58%
Iowa	2,058,840	559,431	27.17%
United States	213,649,147	64,767,787	30.32%

Percent Population Age 25 with Bachelor's Degree or Higher



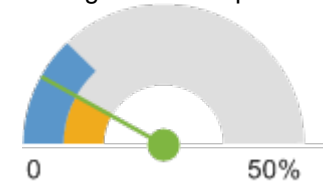
Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Population with No High School Diploma

Within the report area there are 2,025 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 8.19% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes ([Freudenberg, Ruglis, 2007](#)).

Report Area	Total Population Age 25	Population Age 25 with No High School Diploma	Percent Population Age 25 with No High School Diploma
Lee County, IA	24,733	2,025	8.19%
Iowa	2,058,840	169,966	8.26%
United States	213,649,147	27,818,380	13.02%

Percent Population Age 25 with No High School Diploma



- Lee County, IA (8.19%)
- Iowa (8.26%)
- United States (13.02%)

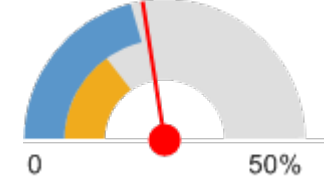
Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

Poverty - Children Below 100% FPL

In the report area 22.47% or 1,681 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

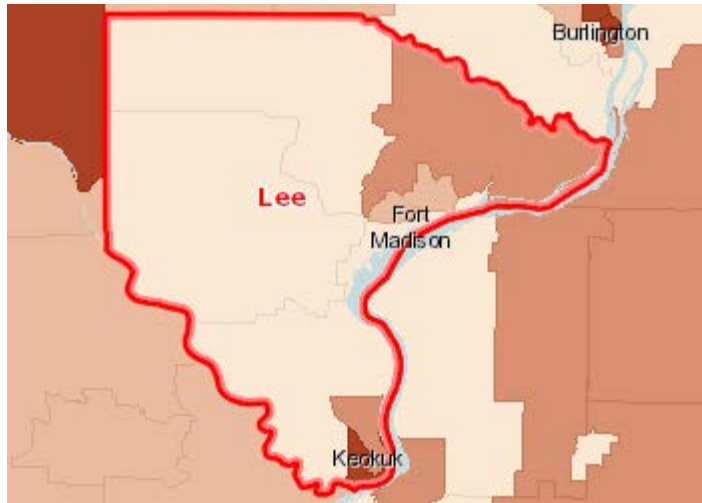
Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Lee County, IA	34,247	7,480	1,681	22.47%
Iowa	3,005,808	714,124	109,300	15.31%
United States	310,629,645	72,456,096	15,335,783	21.17%

Percent Population Under Age 18 in Poverty

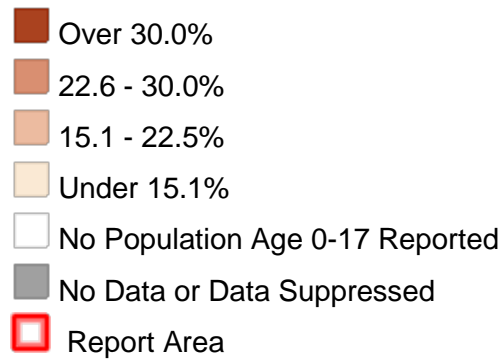


- Lee County, IA (22.47%)
- Iowa (15.31%)
- United States (21.17%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Population Below the Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2012-16

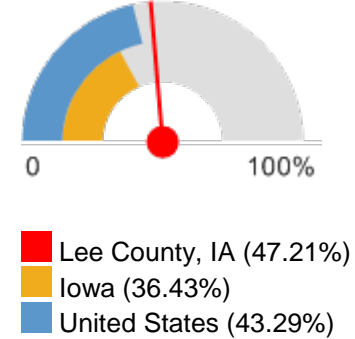


Poverty - Children Below 200% FPL

In the report area 47.21% or 3,531 children are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population Under Age 18	Population Under Age 18 at or Below 200% FPL	Percent Population Under Age 18 at or Below 200% FPL
Lee County, IA	7,480	3,531	47.21%
Iowa	714,124	260,176	36.43%
United States	72,456,096	31,364,270	43.29%

Percent Population Under Age 18 at or Below 200% FPL



Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

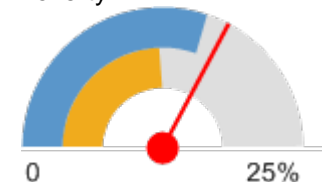
Poverty - Population Below 100% FPL

Poverty is considered a *key driver* of health status.

Within the report area 16.4% or 5,615 individuals are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population in Poverty	Percent Population in Poverty
Lee County, IA	34,247	5,615	16.4%
Iowa	3,005,808	369,828	12.3%
United States	310,629,645	46,932,225	15.11%

Percent Population in Poverty



■ Lee County, IA (16.4%)
■ Iowa (12.3%)
■ United States (15.11%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Population Below the Poverty Level, Percent by Tract, ACS 2012-16

- Over 20.0%
- 15.1 - 20.0%
- 10.1 - 15.0%
- Under 10.1%
- No Data or Data Suppressed
- Report Area

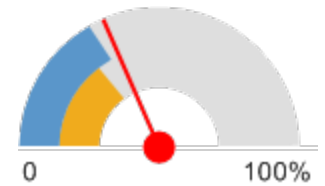
Poverty - Population Below 200% FPL

In the report area 37.08% or 12,700 individuals are living in households with income below 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population with Income at or Below 200% FPL	Percent Population with Income at or Below 200% FPL
Lee County, IA	34,247	12,700	37.08%
Iowa	3,005,808	1,100,000	36.6%
United States	310,629,645	115,000,000	37.0%

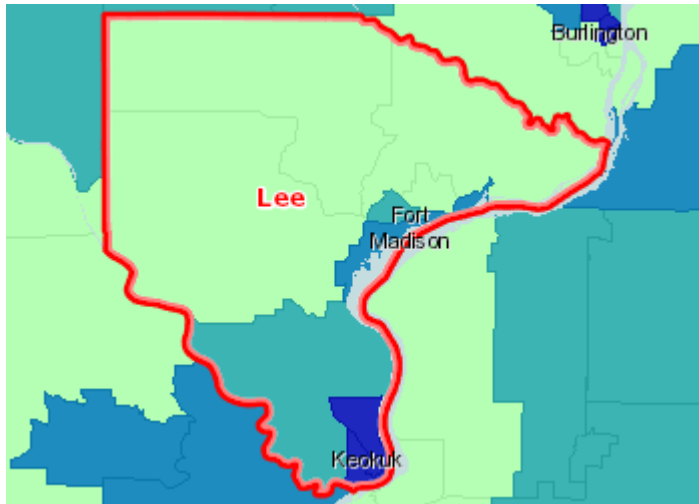
Percent Population with Income at or Below 200% FPL

Lee County, IA	34,247	12,700	37.08%
Iowa	3,005,808	891,033	29.64%
United States	310,629,645	104,390,198	33.61%



Lee County, IA (37.08%)
Iowa (29.64%)
United States (33.61%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Population Below 200% Poverty Level, Percent by Tract, ACS 2012-16

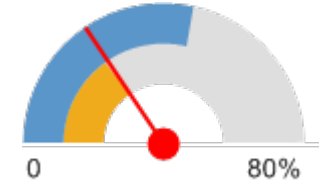
- Over 39.0%
- 31.1 - 39.0%
- 23.1 - 31.0%
- Under 23.1%
- No Population Age 18-64 Reported
- No Data or Data Suppressed
- Report Area

Student Reading Proficiency (4th Grade)

This indicator reports the percentage of children in grade 4 whose reading skills tested below the "proficient" level for the English Language Arts portion of the state-specific standardized test. This indicator is relevant because an inability to read English well is linked to poverty, unemployment, and barriers to healthcare access, provider communications, and health literacy/education.

Report Area	Total Students with Valid Test Scores	Percentage of Students Scoring 'Proficient' or Better	Percentage of Students Scoring 'Not Proficient' or Worse
Lee County, IA	354	74.99%	25.01%
Iowa	36,027	75.6%	24.4%
United States	3,393,582	49.67%	45.61%

Percentage of Students Scoring 'Not Proficient' or Worse



Lee County, IA (25.01%)
Iowa (24.4%)
United States (45.61%)

Data Source: US Department of Education, EDData. Accessed via DATA.GOV. 2014-15. Source geography: School District

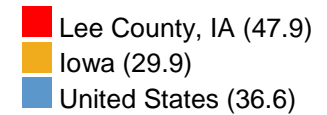
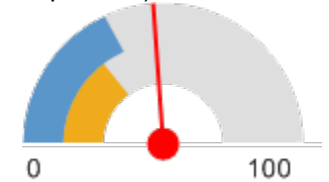
Teen Births

This indicator reports the rate of total births to women age of 15 - 19 per 1,000 female population age 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices.

Report Area	Female Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 1,000 Population)
Lee County, IA	1,120	54	47.9
Iowa	105,598	3,157	29.9
United States	10,736,677	392,962	36.6

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006-12. Source geography: County

Teen Birth Rate (Per 1,000 Population)



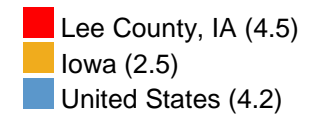
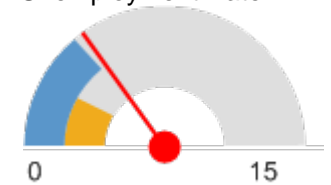
Unemployment Rate

Total unemployment in the report area for the current month was 723, or 4.5% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Lee County, IA	16,129	15,406	723	4.5
Iowa	1,706,228	1,663,041	43,187	2.5
United States	164,383,283	157,469,839	6,913,444	4.2

Data Source: US Department of Labor, Bureau of Labor Statistics. 2018 - June. Source geography: County

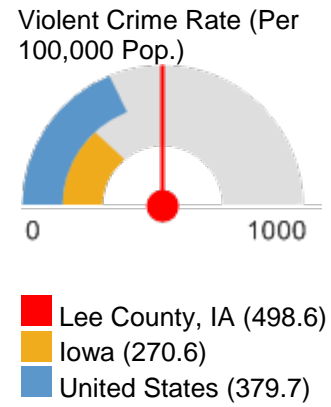
Unemployment Rate



Violent Crime

This indicator reports the rate of violent crime offenses reported by law enforcement per 100,000 residents. Violent crime includes homicide, rape, robbery, and aggravated assault. This indicator is relevant because it assesses community safety.

Report Area	Total Population	Violent Crimes	Violent Crime Rate (Per 100,000 Pop.)
Lee County, IA	35,702	178	498.6
Iowa	3,003,656	8,130	270.6
United States	311,082,592	1,181,036	379.7



Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2012-14. Source geography: County

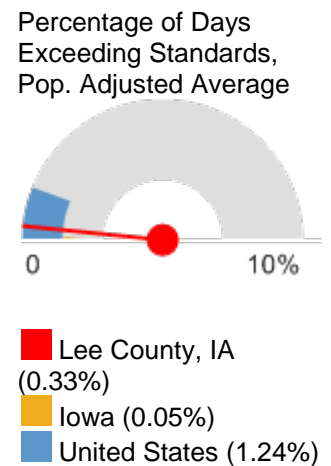
Physical Environment

A community's health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

Air Quality - Ozone

Within the report area, 1.27, or 0.33% of days exceeded the emission standard of 75 parts per billion (ppb). This indicator reports the percentage of days per year with Ozone (O3) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). Figures are calculated using data collected by monitoring stations and modeled to include census tracts where no monitoring stations exist. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Total Population	Average Daily Ambient Ozone Concentration	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Lee County, IA	35,862	39.66	1.27	0.35%	0.33%
Iowa	3,046,355	39.10	0.20	0.06%	0.05%
United States	312,471,327	38.95	4.46	1.22%	1.24%



Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2012. Source geography: Tract



Ozone Levels (O3), Percentage of Days Above NAAQ Standards by Tract, NEPHTN 2012

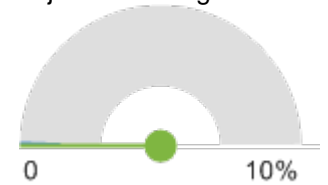
- Over 3.0%
- 1.1 - 3.0%
- 0.51 - 1.0%
- Under - 0.51%
- No Days Above NAAQS Standards
- No Data or Data Suppressed
- Report Area

Air Quality - Particulate Matter 2.5

This indicator reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year, calculated using data collected by monitoring stations and modeled to include counties where no monitoring stations occur. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Total Population	Average Daily Ambient Particulate Matter 2.5	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Standards, Crude Average	Percentage of Days Exceeding Standards, Pop. Adjusted Average
Lee County, IA	35,862	10.09	0	0	0%
Iowa	3,046,355	9.64	0	0	0%
United States	312,471,327	9.10	0.35	0.10	0.10%

Percentage of Days Exceeding Standards, Pop. Adjusted Average



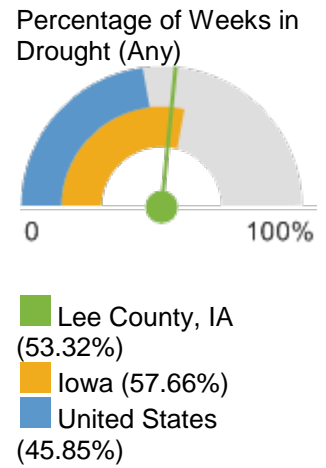
- Lee County, IA (0%)
- Iowa (0%)
- United States (0.10%)

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2012. Source geography: Tract

Climate Health - Drought Severity

This indicator reports the population-weighted percentage of weeks in drought between January 1, 2012 and December 31, 2014.

Report Area	Percentage of Weeks in D0 (Abnormally Dry)	Percentage of Weeks in D1 (Moderate Drought)	Percentage of Weeks in D2 (Severe Drought)	Percentage of Weeks in D3 (Extreme Drought)	Percentage of Weeks in D4 (Exceptional Drought)	Percentage of Weeks in Drought (Any)
Lee County, IA	13.27%	25.09%	10.95%	4.01%	0%	53.32%
Iowa	14.05%	17.32%	16.83%	8.87%	0.59%	57.66%
United States	16.96%	12.59%	8.84%	4.92%	2.54%	45.85%

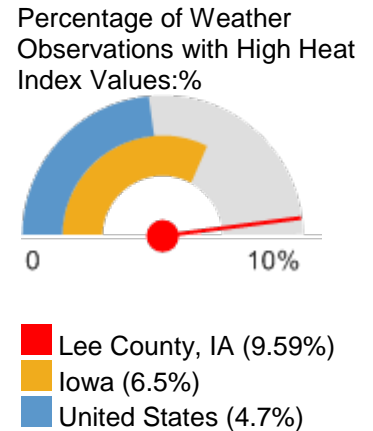


Data Source: US Drought Monitor. 2012-14. Source geography: County

Climate Health - High Heat Index Days

This indicator reports the percentage of recorded weather observations with heat index values over 103 degrees Fahrenheit. The "heat index" is a single value that takes both temperature and humidity into account. The higher the heat index, the hotter the weather feels, since sweat does not readily evaporate and cool the skin. The heat index is a better measure than air temperature alone for estimating the risk to workers from environmental heat sources.

Report Area	Total Weather Observations	Average Heat Index Value	Observations with High Heat Index Values	Observations with High Heat Index Values, Percentage
Lee County, IA	3,285	95.95	315	9.59%
Iowa	366,460	93.82	23,687	6.5%
United States	19,094,610	91.82	897,155	4.7%



Data Source: National Oceanic and Atmospheric Administration, North America Land Data Assimilation System (NLDAS) . Accessed via CDC WONDER. Additional data analysis by CARES. 2014. Source geography: County

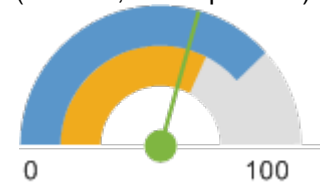
Food Access - Fast Food Restaurants

This indicator reports the number of fast food restaurants per 100,000 population. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Lee County, IA	35,862	21	58.56
Iowa	3,046,355	1,990	65.32
United States	308,745,538	237,922	77.06

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2016. Source geography: ZCTA

Fast Food Restaurants, Rate (Per 100,000 Population)



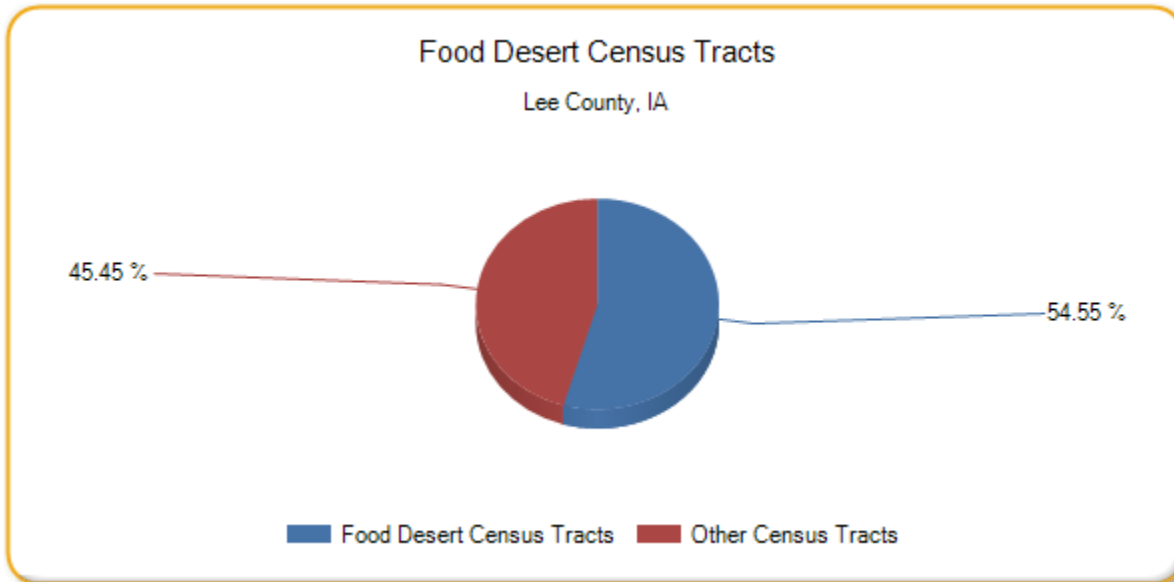
- Lee County, IA (58.56)
- Iowa (65.32)
- United States (77.06)

Food Access - Food Desert Census Tracts

This indicator reports the number of neighborhoods in the report area that are within food deserts.

Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Lee County, IA	35,862	6	5	21,087	14,775
Iowa	3,046,355	348	477	1,378,623	1,667,732
United States	308,745,538	27,527	45,337	129,885,212	178,860,326

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2015.





Food Desert Census Tracts, 1 Mi. / 10 Mi. by Tract, FARA 2015

- Food Desert
- Not a Food Desert
- No Data
- Report Area

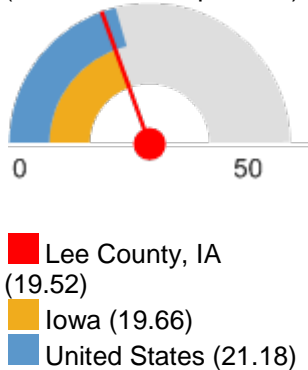
Food Access - Grocery Stores

This indicator reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Lee County, IA	35,862	7	19.52
Iowa	3,046,355	599	19.66
United States	308,745,538	65,399	21.18

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2016. Source geography: ZCTA

Grocery Stores, Rate (Per 100,000 Population)

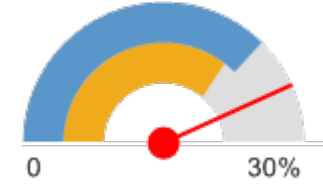


Food Access - Low Food Access

This indicator reports the percentage of the population with low food access. Low food access is defined as living more than ½ mile from the nearest supermarket, supercenter, or large grocery store. Data are from the 2017 report, [Low-Income and Low-Supermarket-Access Census Tracts, 2010-2015](#). This indicator is relevant because it highlights populations and geographies facing food insecurity.

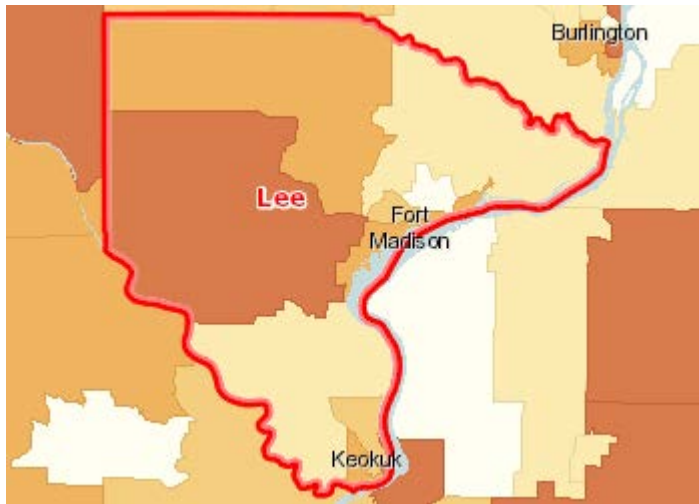
Report Area	Total Population	Population with Low Food Access	Percent Population with Low Food Access
Lee County, IA	35,862	9,304	25.94%
Iowa	3,046,355	652,113	21.41%
United States	308,745,538	69,266,771	22.43%

Percent Population with Low Food Access



- Lee County, IA (25.94%)
- Iowa (21.41%)
- United States (22.43%)

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2015. Source geography: Tract



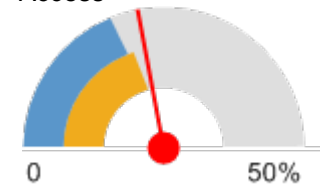
Population with Limited Food Access, Percent by Tract, FARA 2015

- Over 50.0%
- 20.1 - 50.0%
- 5.1 - 20.0%
- Under 5.1%
- No Low Food Access
- Report Area

Food Access - Low Income Low Food Access

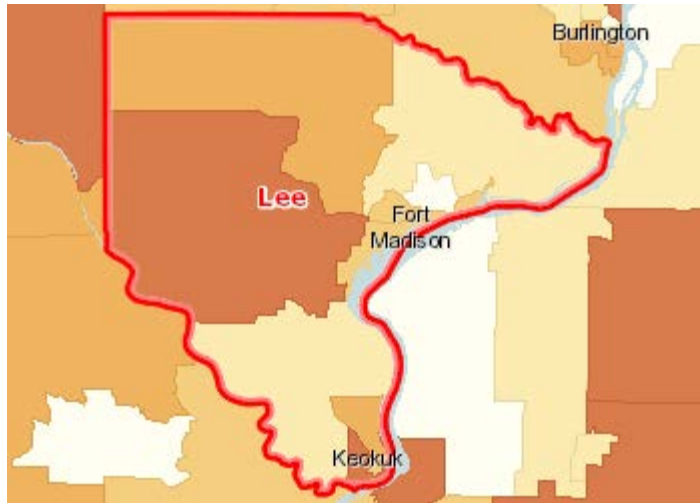
Report Area	Total Population	Low Income Population	Low Income Population with Low Food Access	Percent Low Income Population with Low Food Access
Lee County, IA	35,862	15,445	3,416	22.12%
Iowa	3,046,355	929,903	189,697	20.4%
United States	308,745,538	106,758,543	20,221,368	18.94%

Percent Low Income Population with Low Food Access

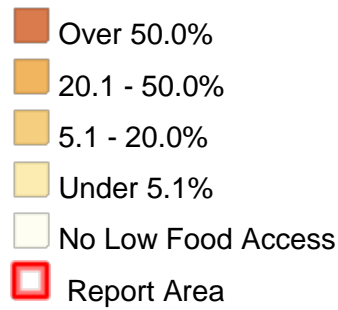


- Lee County, IA (22.12%)
- Iowa (20.4%)
- United States (18.94%)

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2015. Source geography: Tract



Population with Limited Food Access, Low Income, Percent by Tract, FARA 2015

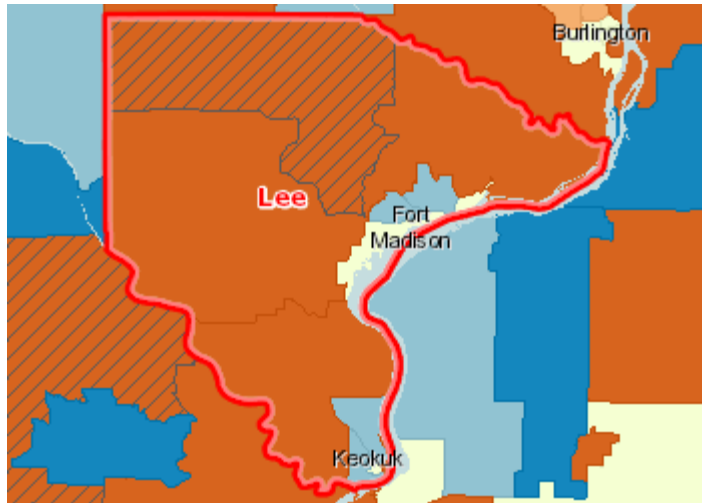


Food Access - Modified Retail Food Environment Index

This indicator reports the percentage of population living in census tracts with no or low access to healthy retail food stores. Figures are based on the CDC Modified Retail Food Environment Index. For this indicator, low food access tracts are considered those with index scores of 10.0 or less.

Report Area	Total Population	Percent Population in Tracts with No Food Outlet	Percent Population in Tracts with No Healthy Food Outlet	Percent Population in Tracts with Low Healthy Food Access	Percent Population in Tracts with Moderate Healthy Food Access	Percent Population in Tracts with High Healthy Food Access
Lee County, IA	35,862	7.87%	32.81%	0%	59.32%	0%
Iowa	3,046,355	1.41%	26.36%	20.04%	44.39%	7.8%
United States	312,474,470	0.99%	18.63%	30.89%	43.28%	5.02%

Data Source: Centers for Disease Control and Prevention, Division of Nutrition, Physical Activity, and Obesity. 2011.
 Source geography: Tract



Modified Retail Food Environmental Index Score by Tract, DNPAO 2011

- Index Score Over 30 (High Access)
- Index Score 15 - 30 (Moderate Access)
- Index Score 5 - 15 (Low Access)
- Index Score Under 5 (Poor Access)
- No Healthy Retail Food Outlet (No Access)
- No Retail Food Outlets Present (Food Desert)
- Report Area

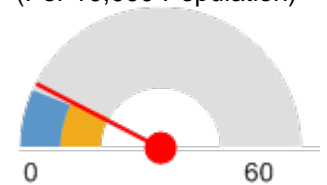
Food Access - SNAP-Authorized Food Stores

This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits.

Report Area	Total Population	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Lee County, IA	35,862	33	9.2
Iowa	3,046,355	2,912	9.56
United States	312,411,142	257,596	8.25

Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2017. Source geography: Tract

SNAP-Authorized Retailers, Rate (Per 10,000 Population)



- Lee County, IA (9.2)
- Iowa (9.56)
- United States (8.25)

Food Access - WIC-Authorized Food Stores

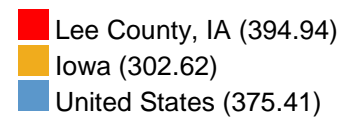
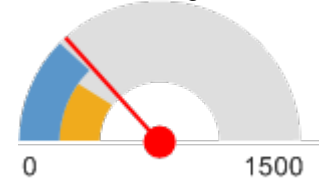
This indicator reports the number of food stores and other retail establishments per 100,000 population that are authorized to accept WIC Program (Special Supplemental Nutrition Program for Women, Infants, and Children) benefits and that carry designated WIC foods and food categories. This indicator is relevant because it provides a measure of food security and healthy food access for women and children in poverty as well as environmental influences on dietary behaviors.

Housing - Assisted Housing

This indicator reports the total number of HUD-funded assisted housing units available to eligible renters as well as the unit rate (per 10,000 total households).

Report Area	Total Housing Units (2010)	Total HUD-Assisted Housing Units	HUD-Assisted Units, Rate per 10,000 Housing Units
Lee County, IA	16,205	640	394.94
Iowa	1,336,417	40,443	302.62
United States	133,341,676	5,005,789	375.41

HUD-Assisted Units, Rate per 10,000 Housing Units



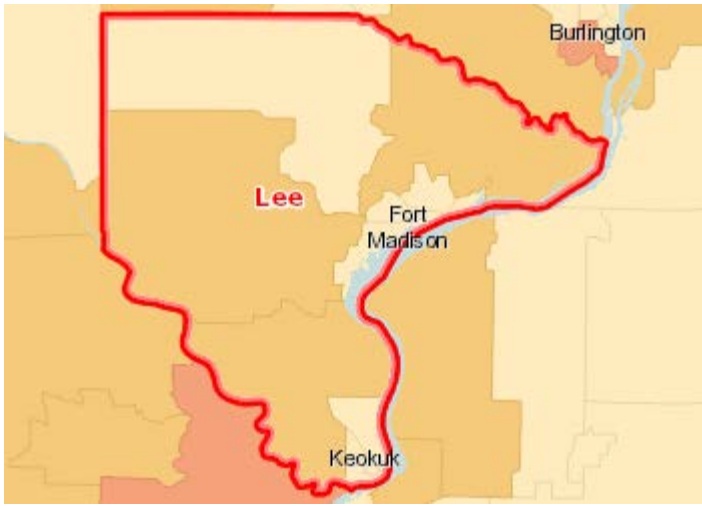
Data Source: US Department of Housing and Urban Development. 2016. Source geography: County

Housing - Housing Unit Age

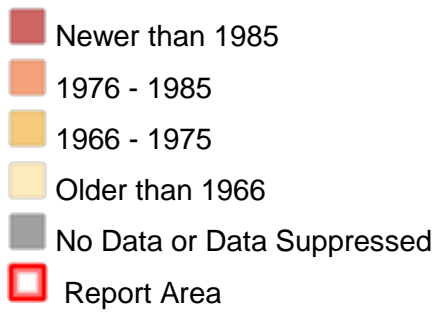
This indicator reports, for a given geographic area, the median year in which all housing units (vacant and occupied) were first constructed. The year the structure was built provides information on the age of housing units. These data help identify new housing construction and measures the disappearance of old housing from the inventory, when used in combination with data from previous years. This data also serves to aid in the development of formulas to determine substandard housing and provide assistance in forecasting future services, such as energy consumption and fire protection.

Report Area	Total Housing Units	Median Year Structures Built
Lee County, IA	16,189	1956
Iowa	1,362,619	1967
United States	134,054,899	1977

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Median Year Structure Built by Tract, ACS 2012-16

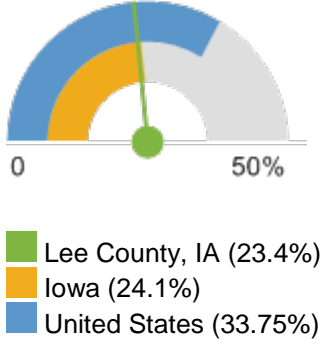


Housing - Substandard Housing

This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1.01 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30%, and 5) gross rent as a percentage of household income greater than 30%. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard.

Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	Percent Occupied Housing Units with One or More Substandard Conditions
Lee County, IA	14,318	3,351	23.4%
Iowa	1,242,641	299,499	24.1%
United States	117,716,237	39,729,263	33.75%

Percent Occupied Housing Units with One or More Substandard Conditions



Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract

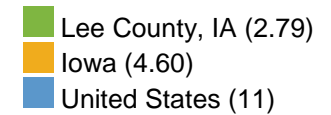
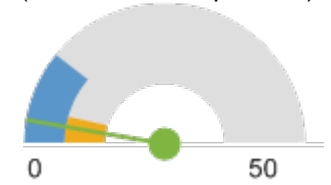
Liquor Store Access

This indicator reports the number of beer, wine, and liquor stores per 100,000 population, as defined by North American Industry Classification System (NAICS) Code 445310. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Lee County, IA	35,862	1	2.79
Iowa	3,046,355	140	4.60
United States	308,745,538	33,958	11

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2016. Source geography: ZCTA

Liquor Stores, Rate (Per 100,000 Population)



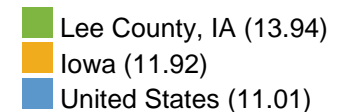
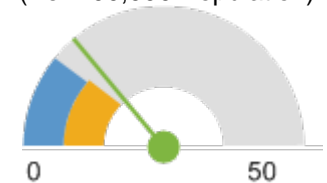
Recreation and Fitness Facility Access

This indicator reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors.

Report Area	Total Population	Number of Establishments	Establishments, Rate per 100,000 Population
Lee County, IA	35,862	5	13.94
Iowa	3,046,355	363	11.92
United States	308,745,538	33,980	11.01

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2016. Source geography: ZCTA

Recreation and Fitness Facilities, Rate (Per 100,000 Population)



Clinical Care

A lack of access to care presents barriers to good health. The supply and accessibility of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

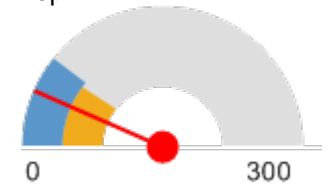
Access to Dentists

This indicator reports the number of dentists per 100,000 population. This indicator includes all dentists - qualified as having a doctorate in dental surgery (D.D.S.) or dental medicine (D.M.D.), who are licensed by the state to practice dentistry and who are practicing within the scope of that license.

Report Area	Total Population, 2015	Dentists, 2015	Dentists, Rate per 100,000 Pop.
Lee County	35,089	14	39.9
Iowa	3,123,899	1,956	62.6
United States	321,418,820	210,832	65.6

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2015. Source geography: County

Dentists, Rate per 100,000 Pop.



- Lee County, IA (39.9)
- Iowa (62.6)
- United States (65.6)

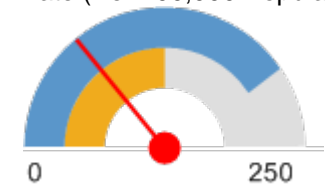
Access to Mental Health Providers

This indicator reports the rate of the county population to the number of mental health providers including psychiatrists, psychologists, clinical social workers, and counsellors that specialize in mental health care.

Report Area	Estimated Population	Number of Mental Health Providers	Ratio of Mental Health Providers to Population (1 Provider per x Persons)	Mental Health Care Provider Rate (Per 100,000 Population)
Lee County	35,286	25	1,411.4	70.8
Iowa	3,007,833	3,763	799.3	125.1
United States	317,105,555	643,219	493	202.8

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2018. Source geography: County

Mental Health Care Provider Rate (Per 100,000 Population)



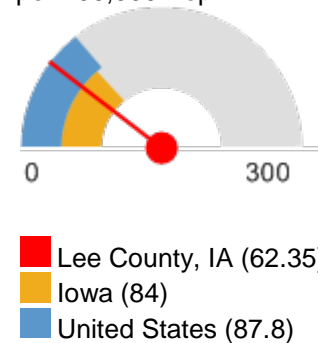
- Lee County, IA (70.8)
- Iowa (125.1)
- United States (202.8)

Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. Doctors classified as "primary care physicians" by the AMA include: General Family Medicine MDs and DOs, General Practice MDs and DOs, General Internal Medicine MDs and General Pediatrics MDs. Physicians age 75 and over and physicians practicing sub-specialties within the listed specialties are excluded. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Population, 2014	Primary Care Physicians, 2014	Primary Care Physicians, Rate per 100,000 Pop.
Lee County, IA	35,286	22	62.35
Iowa	3,107,126	2,611	84
United States	318,857,056	279,871	87.8

Primary Care Physicians, Rate per 100,000 Pop.



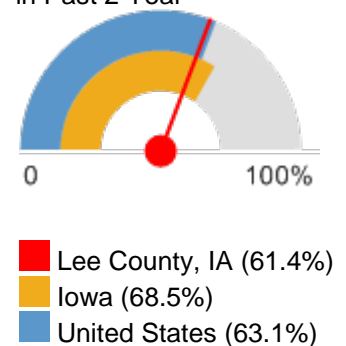
Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2014. Source geography: County

Cancer Screening - Mammogram

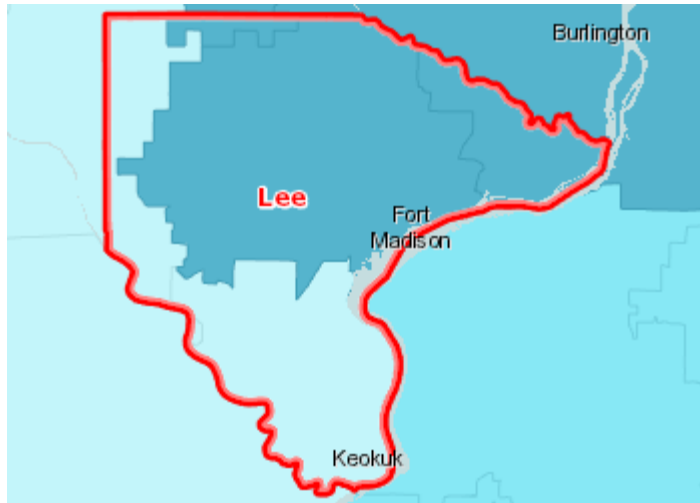
This indicator reports the percentage of female Medicare enrollees, age 67-69, who have received one or more mammograms in the past two years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Female Medicare Enrollees Age 67-69	Female Medicare Enrollees with Mammogram in Past 2 Years	Percent Female Medicare Enrollees with Mammogram in Past 2 Year
Lee County, IA	5,468	474	290	61.4%
Iowa	379,326	31,836	21,818	68.5%
United States	26,753,396	2,395,946	1,510,847	63.1%

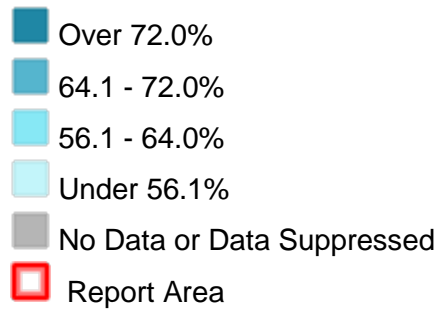
Percent Female Medicare Enrollees with Mammogram in Past 2 Year



Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2014. Source geography: County



Mammogram (Past 2 Years), Percent of Female Medicare Enrollees, Age 67-69 by Hospital Service Area, Dartmouth Atlas 2014

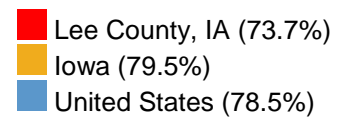
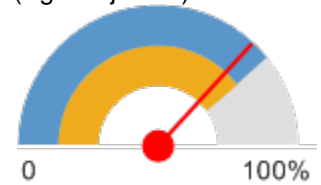


Cancer Screening - Pap Test

This indicator reports the percentage of women aged 18 and older who self-report that they have had a Pap test in the past three years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Female Population Age 18	Estimated Number with Regular Pap Test	Crude Percentage	Age-Adjusted Percentage
Lee County, IA	26,352	18,710	71%	73.7%
Iowa	2,151,841	1,665,525	77.4%	79.5%
United States	176,847,182	137,191,142	77.6%	78.5%

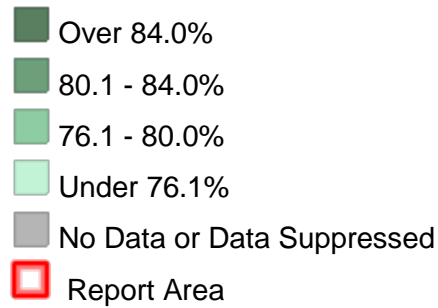
Percent Adults Females Age 18 with Regular Pap Test (Age-Adjusted)



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



Cervical Cancer Screening (Past 3 Years), Percent of Women Age 18 by County, BRFSS 2006-12

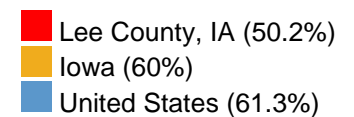
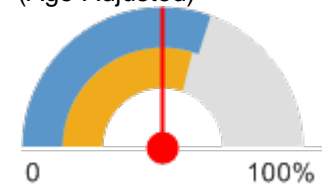


Cancer Screening - Sigmoidoscopy or Colonoscopy

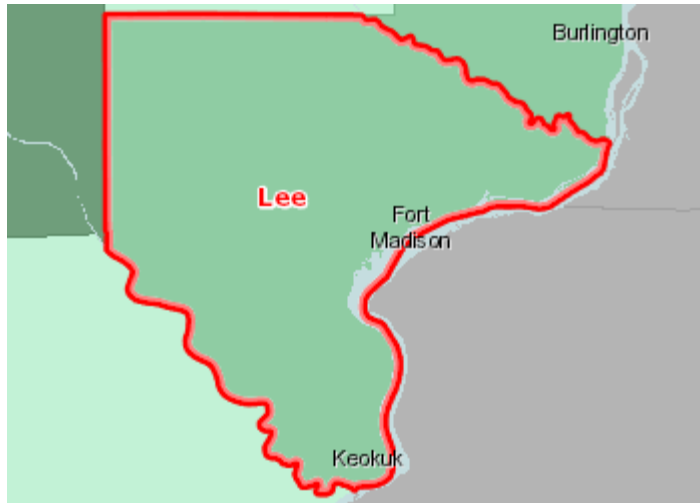
This indicator reports the percentage of adults 50 and older who self-report that they have ever had a sigmoidoscopy or colonoscopy. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population Age 50	Estimated Population Ever Screened for Colon Cancer	Crude Percentage	Age-Adjusted Percentage
Lee County, IA	11,105	6,108	55%	50.2%
Iowa	812,983	517,870	63.7%	60%
United States	75,116,406	48,549,269	64.6%	61.3%

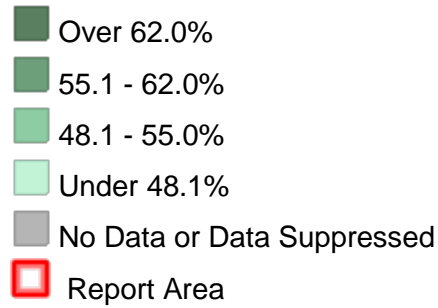
Percent Adults Screened for Colon Cancer (Age-Adjusted)



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



Colon Cancer Screening (Ever), Percent of Adults Age 50 by County, BRFSS 2006-12

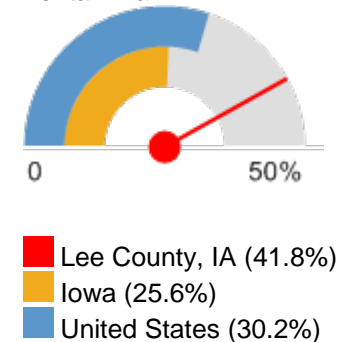


Dental Care Utilization

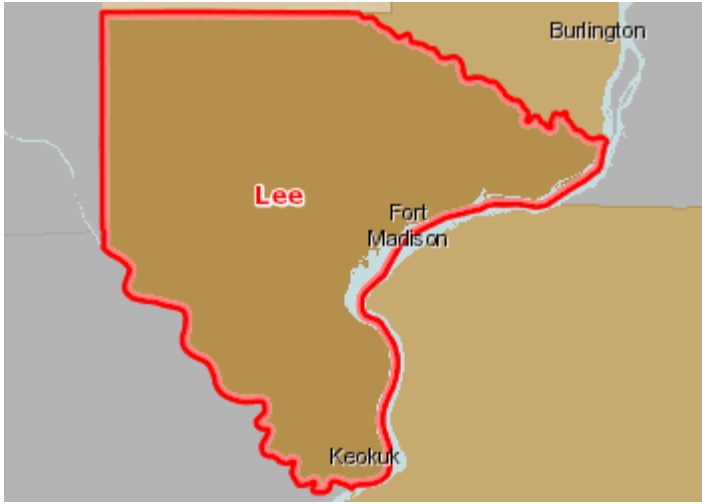
This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18)	Total Adults Without Recent Dental Exam	Percent Adults with No Dental Exam
Lee County, IA	27,816	11,621	41.8%
Iowa	2,307,562	591,664	25.6%
United States	235,375,690	70,965,788	30.2%

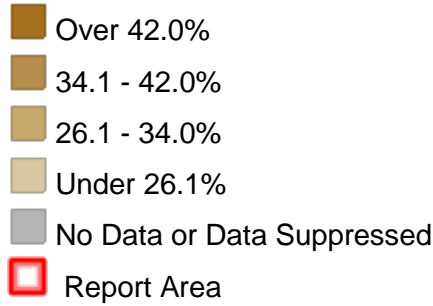
Percent Adults Without Recent Dental Exam



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County



Adults Age 18 Without Dental Exam in Past 12 Months, Percent by County, BRFSS 2006-10

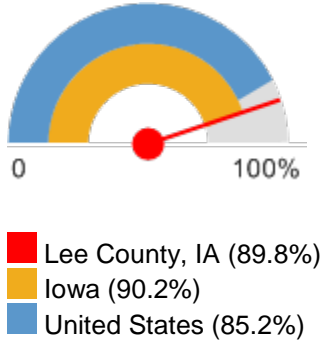


Diabetes Management - Hemoglobin A1c Test

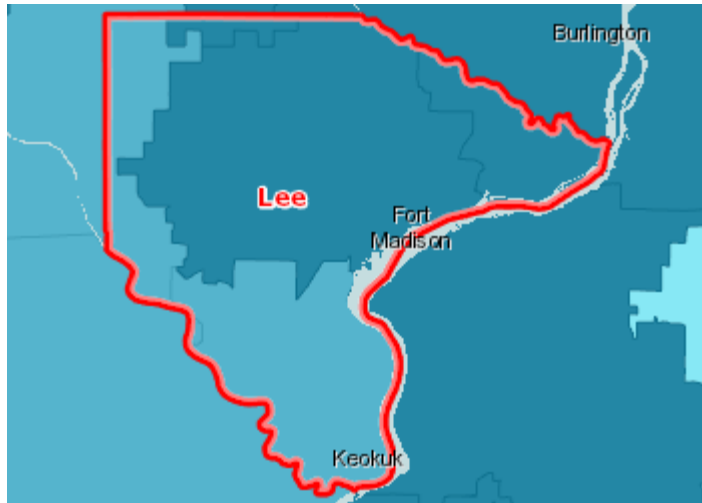
This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. In the report area, 609 Medicare enrollees with diabetes have had an annual exam out of 679 Medicare enrollees in the report area with diabetes, or 89.8%. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Percent Medicare Enrollees with Diabetes with Annual Exam
Lee County, IA	5,468	679	609	89.8%
Iowa	379,326	41,987	37,861	90.2%
United States	26,753,396	3,314,834	2,822,996	85.2%

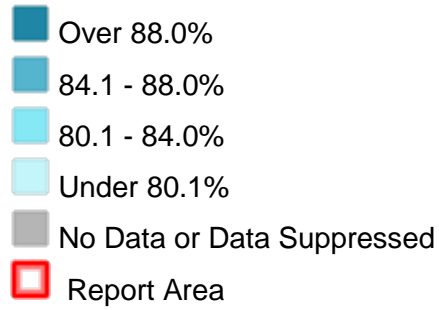
Percent Medicare Enrollees with Diabetes with Annual Exam



Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2014. Source geography: County



Patients with Annual HA1C Test (Diabetes), Percent of Medicare Enrollees with Diabetes by Hospital Service Area, Dartmouth Atlas 2014



Facilities Designated as Health Professional Shortage Areas

This indicator reports the number and location of health care facilities designated as "Health Professional Shortage Areas" (HPSAs), defined as having shortages of primary medical care, dental or mental health providers. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Primary Care Facilities	Mental Health Care Facilities	Dental Health Care Facilities	Total HPSA Facility Designations
Lee County, IA	0	0	0	0
Iowa	64	54	54	172
United States	3,599	3,171	3,071	9,836

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. April 2016. Source geography: Address



Facilities Designated as HPSAs , HRSA HPSA Database April 2016

- Primary Care
- Mental Health
- Dental Health
- Report Area

Federally Qualified Health Centers

This indicator reports the number of Federally Qualified Health Centers (FQHCs) in the community. This indicator is relevant because FQHCs are community assets that provide health care to vulnerable populations; they receive extra funding from the federal government to promote access to ambulatory care in areas designated as medically underserved.

Report Area	Total Population	Number of Federally Qualified Health Centers	Rate of Federally Qualified Health Centers per 100,000 Population
Lee County, IA	35,862	2	5.58
Iowa	3,046,355	66	2.17
United States	312,471,327	8,329	2.67

Note: This indicator is compared with the state average.

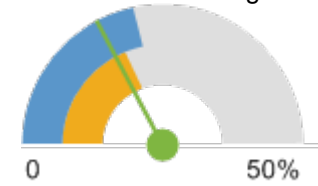
Data Source: US Department of Health Human Services, Center for Medicare Medicaid Services, Provider of Services File. March 2018. Source geography: Address

High Blood Pressure Management

In the report area, 17.3% of adults, or 4,806, self-reported that they are not taking medication for their high blood pressure according to the CDC's Behavioral Risk Factor Surveillance System (2006-2010). This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. When considered with other indicators of poor health, this indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

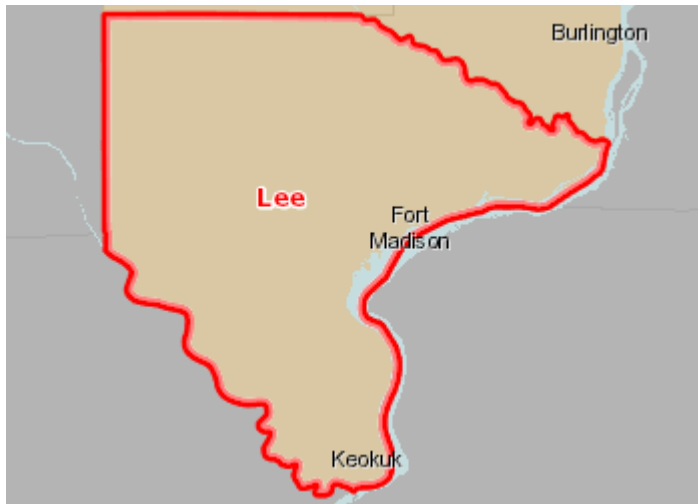
Report Area	Total Population (Age 18)	Total Adults Not Taking Blood Pressure Medication (When Needed)	Percent Adults Not Taking Medication
Lee County	27,816	4,806	17.3%
Iowa	2,307,562	441,847	19.1%
United States	235,375,690	51,175,402	21.7%

Percent Adults with High Blood Pressure Not Taking Medication



- Lee County, IA (17.3%)
- Iowa (19.1%)
- United States (21.7%)

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County



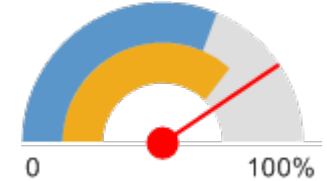
Adults Age 18 with High Blood Pressure, Not Taking Medication, Percent by County, BRFSS 2006-10

- Over 85.0%
- 80.1 - 85.0%
- 75.1 - 80.0%
- Under 75.1%
- No Data or Data Suppressed
- Report Area

HIV Screenings

This indicator reports the percentage of adults age 18-70 who self-report that they have never been screened for HIV. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

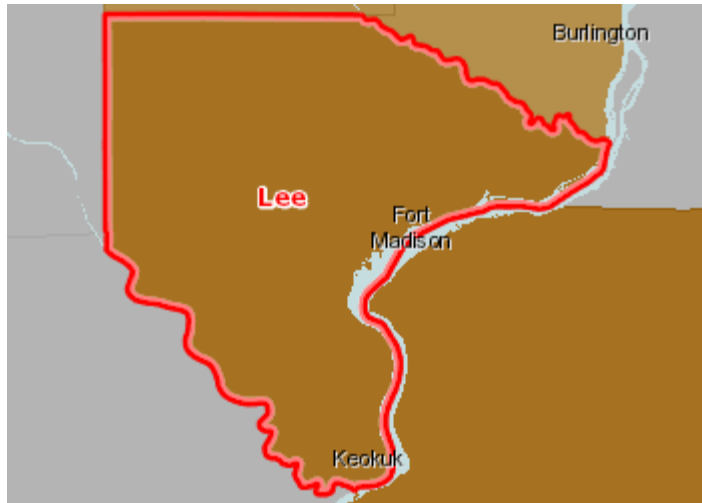
Percent Adults Never Screened for HIV / AIDS



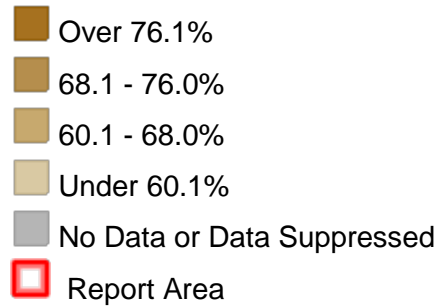
- Lee County, IA (81.26%)
- Iowa (73.82%)
- United States (62.79%)

Report Area	Survey Population (Adults Age 18)	Total Adults Never Screened for HIV / AIDS	Percent Adults Never Screened for HIV / AIDS
Lee County	20,130	16,357	81.26%
Iowa	2,165,379	1,598,389	73.82%
United States	214,984,421	134,999,025	62.79%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County



Adults Age 18 Never Screened for HIV / AIDS, Percent by County, BRFSS 2011-12

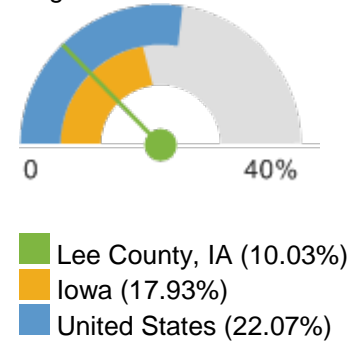


Lack of a Consistent Source of Primary Care

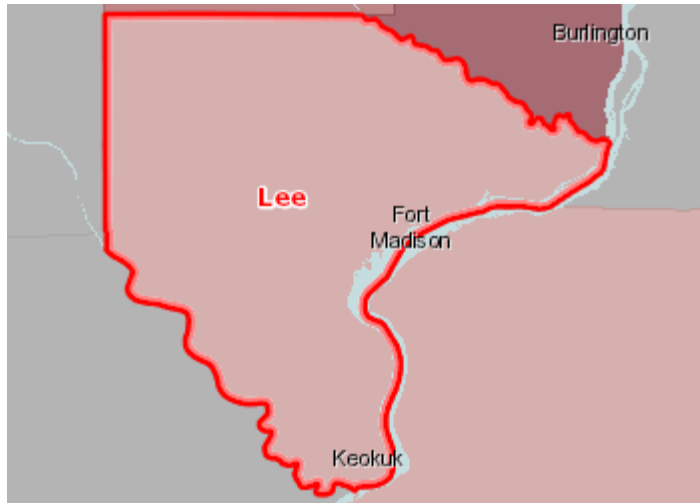
This indicator reports the percentage of adults aged 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider. This indicator is relevant because access to regular primary care is important to preventing major health issues and emergency department visits.

Report Area	Survey Population (Adults Age 18)	Total Adults Without Any Regular Doctor	Percent Adults Without Any Regular Doctor
Lee County, IA	21,408	2,147	10.03%
Iowa	2,312,665	414,647	17.93%
United States	236,884,668	52,290,932	22.07%

Percent Adults Without Any Regular Doctor



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County



No Consistent Source of Primary Care, Percentage of Adults Age 18 by County, BRFSS 2011-12

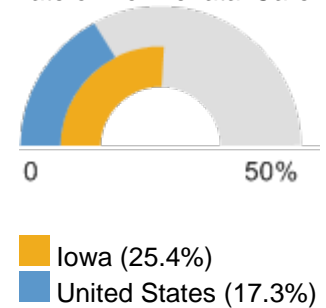
- Over 25.0%
- 19.1 - 25.0%
- 13.1 - 19.0%
- Under 13.1%
- No Data or Data Suppressed
- Report Area

Lack of Prenatal Care

This indicator reports the percentage of women who do not obtain prenatal care during their first trimester of pregnancy. This indicator is relevant because engaging in prenatal care decreases the likelihood of maternal and infant health risks. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Births	Mothers Starting Prenatal Care in First Semester	Mothers with Late or No Prenatal Care	Prenatal Care Not Reported	Percentage Mothers with Late or No Prenatal Care
Lee County, IA	no data	no data	no data	no data	suppressed
Iowa	159,530	116,207	40,489	2,834	25.4%
United States	16,693,978	7,349,554	2,880,098	6,464,326	17.3%

Percentage Mothers with Late or No Prenatal Care



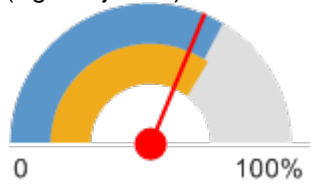
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. Centers for Disease Control and Prevention, Wide-Ranging Online Data for Epidemiologic Research. 2007-10. Source geography: County

Pneumonia Vaccination

This indicator reports the percentage of adults aged 65 and older who self-report that they have ever received a pneumonia vaccine. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

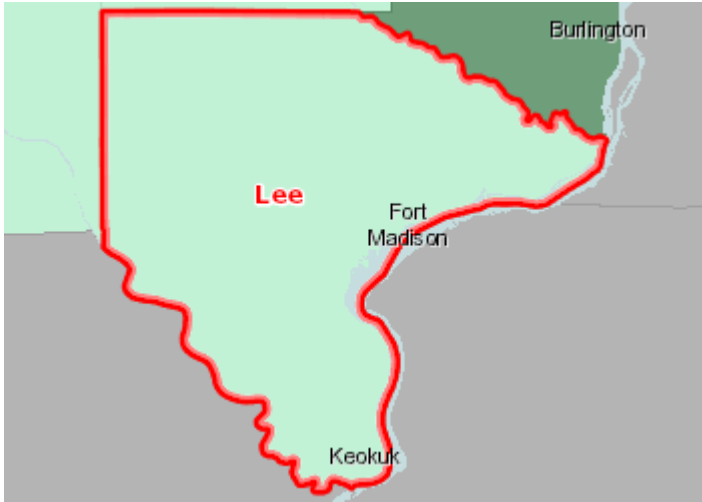
Report Area	Total Population Age 65	Estimated Population with Annual Pneumonia Vaccination	Crude Percentage	Age-Adjusted Percentage
Lee County, IA	6,042	3,976	65.8%	62.6%
Iowa	450,318	316,574	70.3%	69.9%
United States	39,608,820	26,680,462	67.4%	67.5%

Percent Population Age 65 with Pneumonia Vaccination (Age-Adjusted)



- Lee County, IA (62.6%)
- Iowa (69.9%)
- United States (67.5%)

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



Annual Pneumonia Vaccination, Percent of Adults Age 65 by County, BRFSS 2006-12

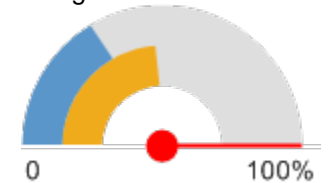
- Over 72.0%
- 68.1 - 72.0%
- 64.1 - 68.0%
- Under 64.1%
- No Data or Data Suppressed
- Report Area

Population Living in a Health Professional Shortage Area

This indicator reports the percentage of the population that is living in a geographic area designated as a "Health Professional Shortage Area" (HPSA), defined as having a shortage of primary medical care, dental or mental health professionals. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Area Population	Population Living in a HPSA	Percentage of Population Living in a HPSA
Lee County, IA	35,862	35,862	100%
Iowa	3,046,355	1,465,328	48.1%
United States	308,745,538	102,289,607	33.13%

Percentage of Population Living in a HPSA



■ Lee County, IA (100%)
■ Iowa (48.1%)
■ United States (33.13%)

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. April 2016.
Source geography: HPSA



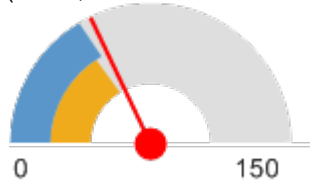
Primary Care HPSA Components, Type and Degree of Shortage by Tract / County, HRSA HPSA Database April 2016

- Population Group; Over 20.0 FTE Needed
- Population Group; 1.1 - 20.0 FTE Needed
- Population Group; Under 1.1 FTE Needed
- Geographic Area; Over 20.0 FTE Needed
- Geographic Area; 1.1 - 20.0 FTE Needed
- Geographic Area; Under 1.1 FTE Needed
- Report Area

Preventable Hospital Events

This indicator reports the discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes, and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. This indicator is relevant because analysis of ACS discharges allows demonstrating a possible "return on investment" from interventions that reduce admissions (for example, for uninsured or Medicaid patients) through better access to primary care resources.

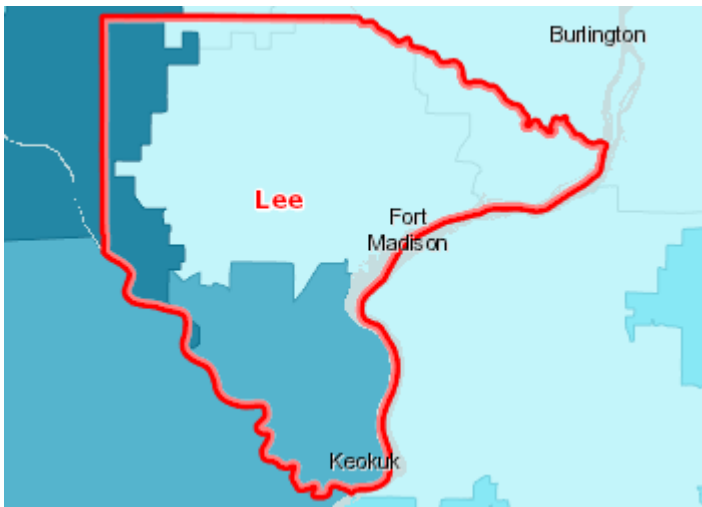
Preventable Hospital Events, Age-Adjusted Discharge Rate (Per 1,000 Medicare Enrollees)



- Lee County, IA (53.6)
- Iowa (48.2)
- United States (49.9)

Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Lee County, IA	5,752	308	53.6
Iowa	411,842	19,833	48.2
United States	29,649,023	1,479,545	49.9

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2014. Source geography: County



Ambulatory Care Sensitive Conditions, Rate (Per 1,000 Medicare Enrollees) by Hospital Service Area, Dartmouth Atlas 2014

- Over 90.0
- 70.1 - 90.0
- 50.1 - 70.0
- Under 50.1
- No Data or Data Suppressed
- Report Area

Health Behaviors

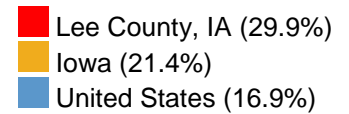
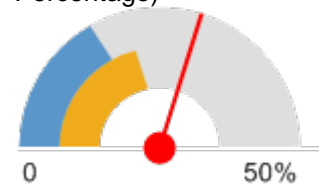
Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

Alcohol Consumption

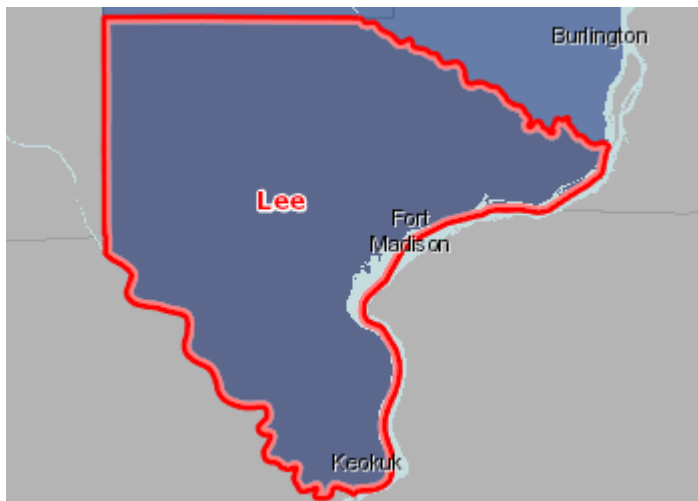
This indicator reports the percentage of adults aged 18 and older who self-report heavy alcohol consumption (defined as more than two drinks per day on average for men and one drink per day on average for women). This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs.

Report Area	Total Population Age 18	Estimated Adults Drinking Excessively	Estimated Adults Drinking Excessively (Crude Percentage)	Estimated Adults Drinking Excessively (Age-Adjusted Percentage)
Lee County, IA	27,872	7,275	26.1%	29.9%
Iowa	2,307,562	463,820	20.1%	21.4%
United States	232,556,016	38,248,349	16.4%	16.9%

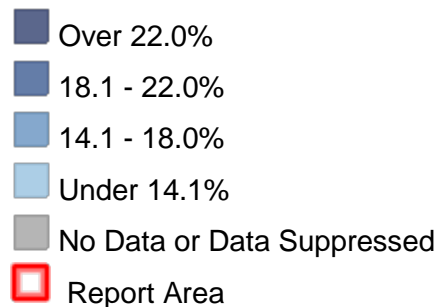
Estimated Adults Drinking Excessively (Age-Adjusted Percentage)



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



Excessive Drinking, Percent of Adults Age 18 by County, BRFSS 2006-12

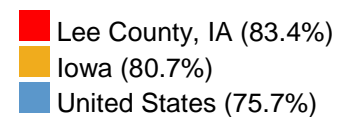
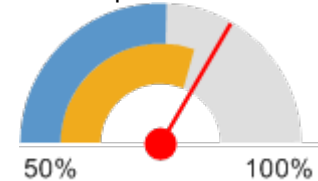


Fruit/Vegetable Consumption

In the report area an estimated 23,155, or 83.4% of adults over the age of 18 are consuming less than 5 servings of fruits and vegetables each day. This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may cause of significant health issues, such as obesity and diabetes.

Report Area	Total Population (Age 18)	Total Adults with Inadequate Fruit / Vegetable Consumption	Percent Adults with Inadequate Fruit / Vegetable Consumption
Lee County, IA	27,764	23,155	83.4%
Iowa	2,268,969	1,831,058	80.7%
United States	227,279,010	171,972,118	75.7%

Percent Adults with Inadequate Fruit / Vegetable Consumption



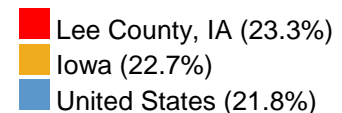
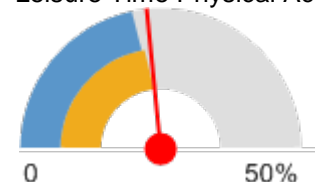
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2005-09. Source geography: County

Physical Inactivity

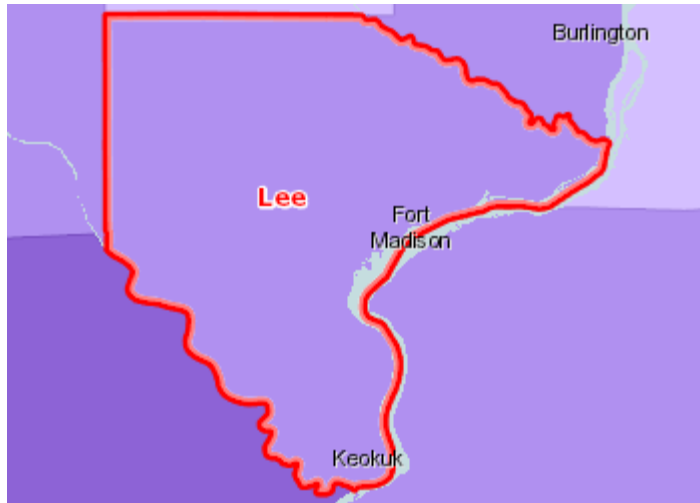
Within the report area, 6,733 or 23.3% of adults aged 20 and older self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Report Area	Total Population Age 20	Population with no Leisure Time Physical Activity	Percent Population with no Leisure Time Physical Activity
Lee County, IA	27,040	6,733	23.3%
Iowa	2,276,300	537,170	22.7%
United States	234,207,619	52,147,893	21.8%

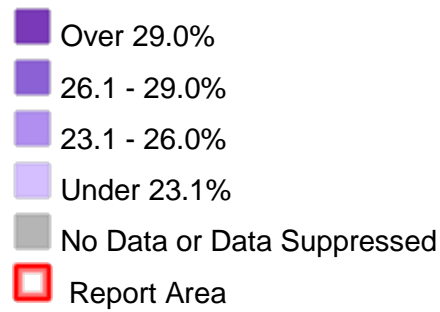
Percent Population with no Leisure Time Physical Activity



Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County



No Leisure-Time Physical Activity, Adults Age 20 , Percent by County, CDC NCCDPHP 2013

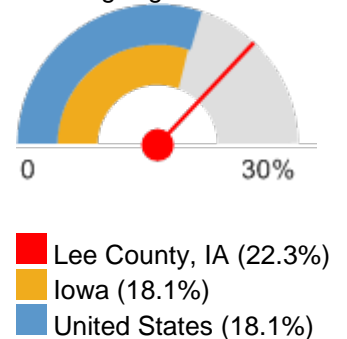


Tobacco Usage - Current Smokers

In the report area an estimated 5,770, or 20.7% of adults age 18 or older self-report currently smoking cigarettes some days or every day. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Total Population Age 18	Total Adults Regularly Smoking Cigarettes	Percent Population Smoking Cigarettes (Crude)	Percent Population Smoking Cigarettes (Age-Adjusted)
Lee County, IA	27,872	5,770	20.7%	22.3%
Iowa	2,307,562	403,823	17.5%	18.1%
United States	232,556,016	41,491,223	17.8%	18.1%

Percentage of Adults Smoking Cigarettes



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

Tobacco Usage - Former or Current Smokers

In the report area, an estimated 7,262 adults, or 34.32%, report ever smoking 100 or more cigarettes. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Survey Population (Adults Age 18)	Total Adults Ever Smoking 100 or More Cigarettes	Percent Adults Ever Smoking 100 or More Cigarettes
Lee County, IA	21,161	7,262	34.32%
Iowa	2,296,543	1,017,920	44.32%
United States	235,151,778	103,842,020	44.16%

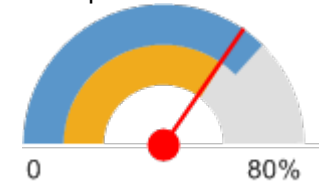
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

Tobacco Usage - Quit Attempt

An estimated 55.42% of adult smokers in the report area attempted to quit smoking for at least 1 day in the past year. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease and supporting efforts to quit smoking may increase positive health outcomes.

Report Area	Survey Population (Smokers Age 18)	Total Smokers with Quit Attempt in Past 12 Months	Percent Smokers with Quit Attempt in Past 12 Months
Lee County, IA	3,811	2,112	55.42%
Iowa	441,750	247,931	56.12%
United States	45,526,654	27,323,073	60.02%

Percent Smokers with Quit Attempt in Past 12 Months



- Lee County, IA (55.42%)
- Iowa (56.12%)
- United States (60.02%)

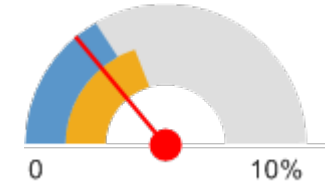
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

Walking or Biking to Work

This indicator reports the percentage of the population that commutes to work by either walking or riding a bicycle.

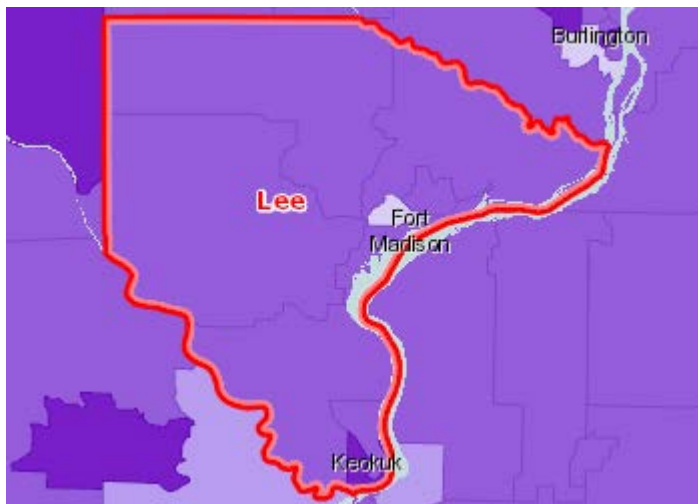
Report Area	Population Age 16	Population Walking or Biking to Work	Percentage Walking or Biking to Work
Lee County, IA	16,084	451	2.8%
Iowa	1,560,119	63,112	4.05%
United States	145,861,221	4,908,725	3.37%

Percentage Walking or Biking to Work



■ Lee County, IA (2.8%)
■ Iowa (4.05%)
■ United States (3.37%)

Data Source: US Census Bureau, American Community Survey. 2012-16. Source geography: Tract



Workers Traveling to Work by Walking/Biking, Percent by Tract, ACS 2012-16

- Over 4.0%
- 1.1 - 4.0%
- 0.1 - 1.0%
- No Workers Walking or Biking
- No Data or Data Suppressed
- Report Area

Health Outcomes

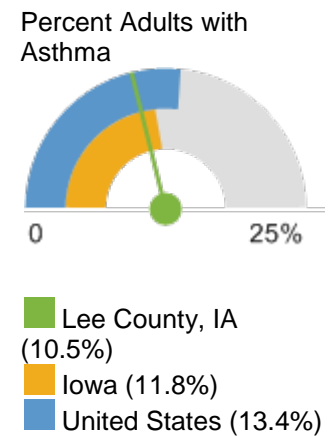
Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), various causal relationship may emerge, allowing a better understanding of how certain community health needs may be addressed.

Asthma Prevalence

This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had asthma. This indicator is relevant because asthma is a prevalent problem in the U.S. that is often exacerbated by poor environmental conditions.

Report Area	Survey Population (Adults Age 18)	Total Adults with Asthma	Percent Adults with Asthma
Lee County, IA	21,341	2,247	10.5%
Iowa	2,314,076	273,507	11.8%
United States	237,197,465	31,697,608	13.4%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

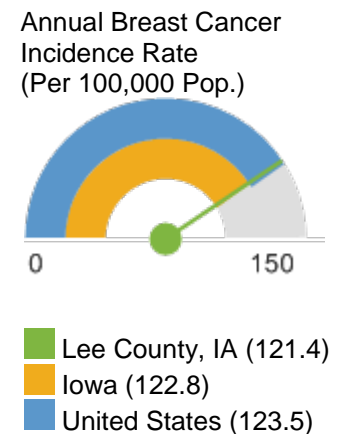


Cancer Incidence - Breast

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Estimated Total Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Lee County, IA	2,471	30	121.4
Iowa	187,622	2,304	122.8
United States	18,515,303	228,664	123.5

Data Source: State Cancer Profiles. 2010-14. Source geography: County

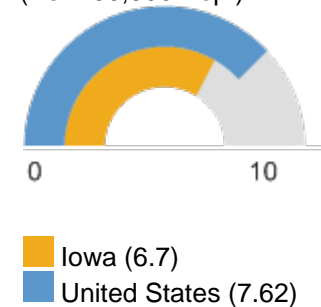


Cancer Incidence - Cervical

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with cervical cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Estimated Total Population (Female)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Lee County, IA	no data	no data	no data
Iowa	152,238	102	6.7
United States	16,137,921	12,299	7.62
HP 2020 Target			<= 7.1

Annual Cervical Cancer Incidence Rate (Per 100,000 Pop.)



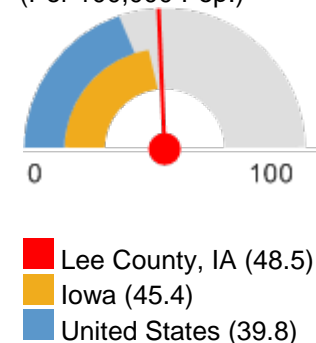
Data Source: State Cancer Profiles. 2009-13. Source geography: County

Cancer Incidence - Colon and Rectum

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Lee County, IA	5,154	25	48.5
Iowa	371,145	1,685	45.4
United States	34,945,477	139,083	39.8
HP 2020 Target			<= 38.7

Annual Colon and Rectum Cancer Incidence Rate (Per 100,000 Pop.)



Data Source: State Cancer Profiles. 2010-14. Source geography: County

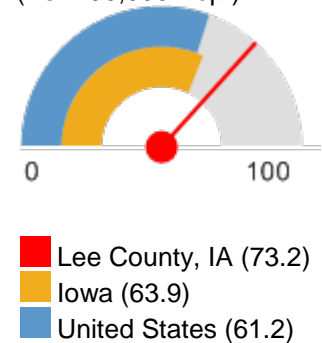
Cancer Incidence - Lung

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Lee County, IA	4,918	36	73.2
Iowa	375,117	2,397	63.9
United States	35,229,411	215,604	61.2

Data Source: State Cancer Profiles. 2010-14. Source geography: County

Annual Lung Cancer Incidence Rate (Per 100,000 Pop.)



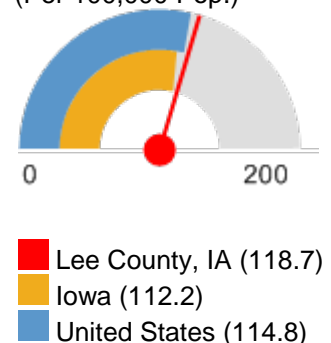
Cancer Incidence - Prostate

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Estimated Total Population (Male)	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Pop.)
Lee County, IA	2,443	29	118.7
Iowa	179,411	2,013	112.2
United States	16,980,487	194,936	114.8

Data Source: State Cancer Profiles. 2010-14. Source geography: County

Annual Prostate Cancer Incidence Rate (Per 100,000 Pop.)

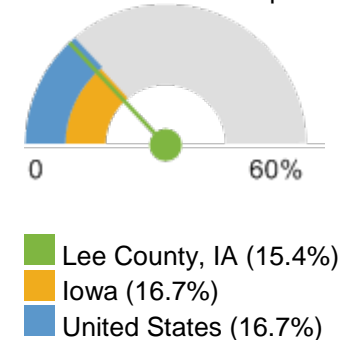


Depression (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with depression.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Depression	Percent with Depression
Lee County, IA	6,720	1,032	15.4%
Iowa	471,906	78,624	16.7%
United States	34,118,227	5,695,629	16.7%

Percentage of Medicare Beneficiaries with Depression



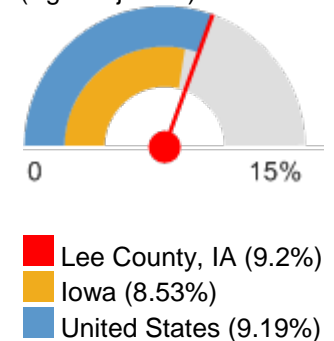
Data Source: Centers for Medicare and Medicaid Services. 2015. Source geography: County

Diabetes (Adult)

This indicator reports the percentage of adults aged 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population Age 20	Population with Diagnosed Diabetes	Population with Diagnosed Diabetes, Crude Rate	Population with Diagnosed Diabetes, Age-Adjusted Rate
Lee County, IA	27,054	3,003	11.1	9.2%
Iowa	2,275,131	218,604	9.61	8.53%
United States	236,919,508	23,685,417	10	9.19%

Percent Adults with Diagnosed Diabetes (Age-Adjusted)



Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County

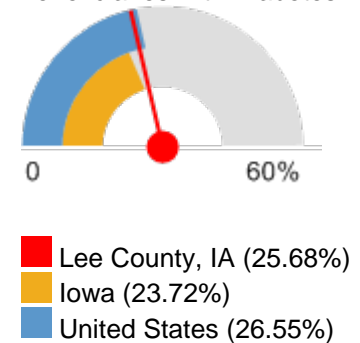
Diabetes (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with diabetes.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Diabetes	Percent with Diabetes
Lee County	6,720	1,726	25.68%
Iowa	471,906	111,936	23.72%
United States	34,118,227	9,057,809	26.55%

Data Source: Centers for Medicare and Medicaid Services. 2015. Source geography: County

Percentage of Medicare Beneficiaries with Diabetes



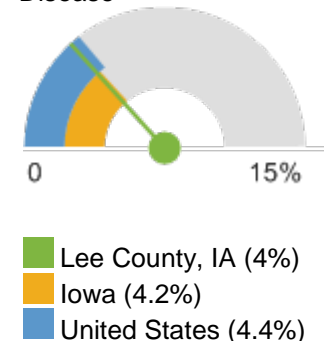
Heart Disease (Adult)

840, or 4% of adults aged 18 and older have ever been told by a doctor that they have coronary heart disease or angina. This indicator is relevant because coronary heart disease is a leading cause of death in the U.S. and is also related to high blood pressure, high cholesterol, and heart attacks.

Report Area	Survey Population (Adults Age 18)	Total Adults with Heart Disease	Percent Adults with Heart Disease
Lee County	21,212	840	4%
Iowa	2,307,278	96,325	4.2%
United States	236,406,904	10,407,185	4.4%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

Percent Adults with Heart Disease



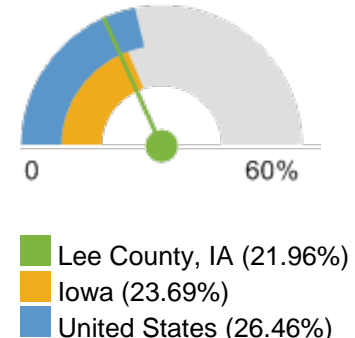
Heart Disease (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with ischaemic heart disease.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Heart Disease	Percent with Heart Disease
Lee County	6,720	1,476	21.96%
Iowa	471,906	111,794	23.69%
United States	34,118,227	9,028,604	26.46%

Data Source: Centers for Medicare and Medicaid Services. 2015. Source geography: County

Percentage of Medicare Beneficiaries with Heart Disease

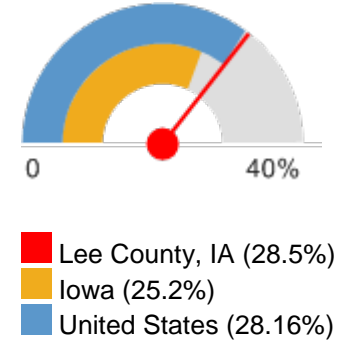


High Blood Pressure (Adult)

7,944, or 28.5% of adults aged 18 and older have ever been told by a doctor that they have high blood pressure or hypertension.

Report Area	Total Population (Age 18)	Total Adults with High Blood Pressure	Percent Adults with High Blood Pressure
Lee County, IA	27,872	7,944	28.5%
Iowa	2,307,562	581,506	25.2%
United States	232,556,016	65,476,522	28.16%

Percent Adults with High Blood Pressure



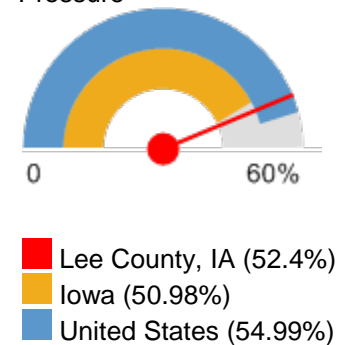
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

High Blood Pressure (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with hypertension (high blood pressure).

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with High Blood Pressure	Percent with High Blood Pressure
Lee County, IA	6,720	3,521	52.4%
Iowa	471,906	240,600	50.98%
United States	34,118,227	18,761,681	54.99%

Percentage of Medicare Beneficiaries with High Blood Pressure



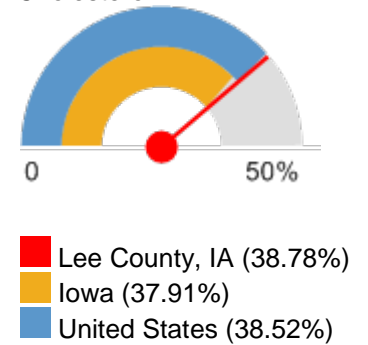
Data Source: Centers for Medicare and Medicaid Services. 2015. Source geography: County

High Cholesterol (Adult)

This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had high blood cholesterol.

Report Area	Survey Population (Adults Age 18)	Total Adults with High Cholesterol	Percent Adults with High Cholesterol
Lee County, IA	13,964	5,416	38.78%
Iowa	1,741,545	660,181	37.91%
United States	180,861,326	69,662,357	38.52%

Percent Adults with High Cholesterol



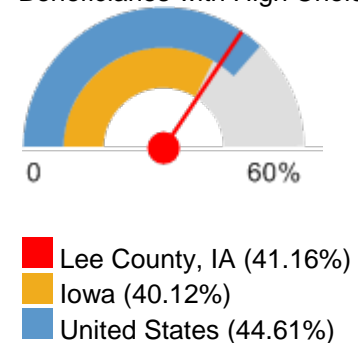
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

High Cholesterol (Medicare Population)

This indicator reports the percentage of the Medicare fee-for-service population with hyperlipidemia, which is typically associated with high cholesterol.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with High Cholesterol	Percent with High Cholesterol
Lee County, IA	6,720	2,766	41.16%
Iowa	471,906	189,352	40.12%
United States	34,118,227	15,219,766	44.61%

Percentage of Medicare Beneficiaries with High Cholesterol



Data Source: Centers for Medicare and Medicaid Services. 2015. Source geography: County

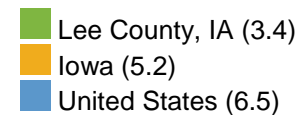
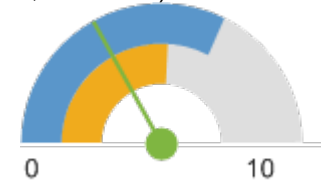
Infant Mortality

This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Lee County, IA	2,010	7	3.4
Iowa	199,795	1,039	5.2
United States	20,913,535	136,369	6.5
HP 2020 Target			<= 6.0

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2006-10. Source geography: County

Infant Mortality Rate (Per 1,000 Births)



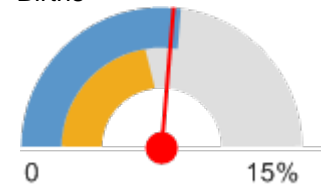
Low Birth Weight

This indicator reports the percentage of total births that are low birth weight (Under 2500g). This indicator is relevant because low birth weight infants are at high risk for health problems. This indicator can also highlight the existence of health disparities.

Report Area	Total Live Births	Low Weight Births (Under 2500g)	Low Weight Births, Percent of Total
Lee County, IA	2,870	227	7.9%
Iowa	277,340	18,859	6.8%
United States	29,300,495	2,402,641	8.2%
HP 2020 Target			<= 7.8%

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006-12. Source geography: County

Percent Low Birth Weight Births



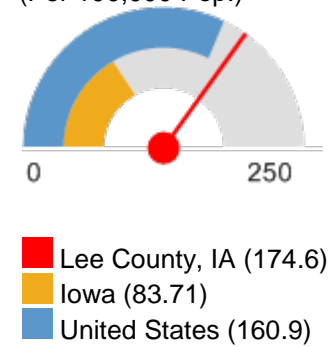
Mortality - Cancer

This indicator reports the rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	91	257.5	174.6
Iowa	173,304	52	30.12	83.71
United States	318,689,254	590,634	185.3	160.9
HP 2020 Target				<= 160.6

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

Cancer Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



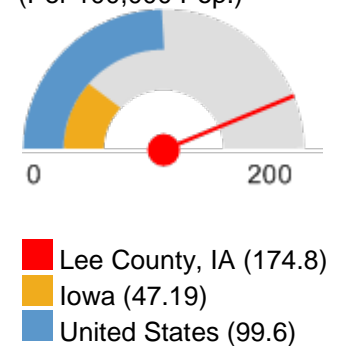
Mortality - Coronary Heart Disease

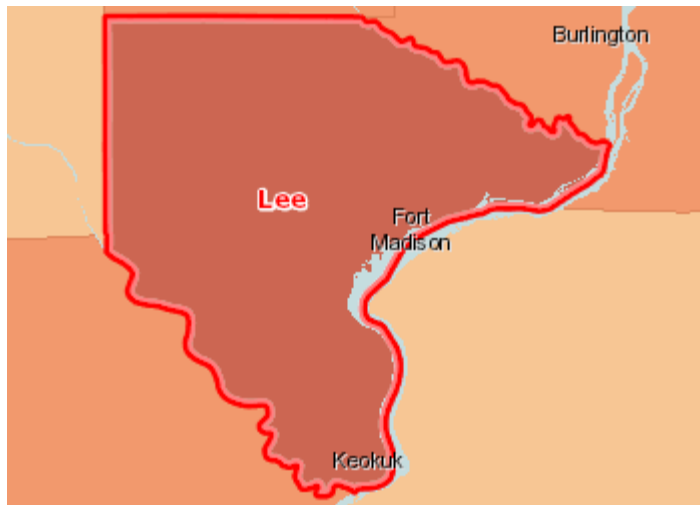
Within the report area the rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population is 174.8. This rate is greater than the Healthy People 2020 target of less than or equal to 103.4. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummared for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	91	257.5	174.8
Iowa	173,304	27	15.58	47.19
United States	318,689,254	367,306	115.3	99.6
HP 2020 Target				<= 103.4

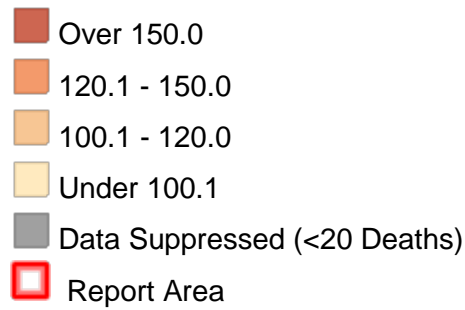
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

Coronary Heart Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)





Coronary Heart Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2012-16

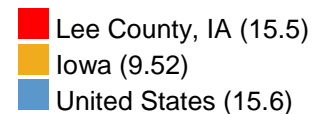
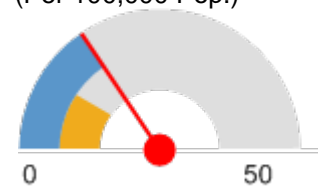


Mortality - Drug Poisoning

This indicator reports the rate of death due to drug overdose per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	5	13.6	15.5
Iowa	3,106,064	284	9.15	9.52
United States	318,689,254	49,715	15.6	15.6
HP 2020 Target				<= 10.2

Overdose Death, Age-Adjusted Death Rate (Per 100,000 Pop.)



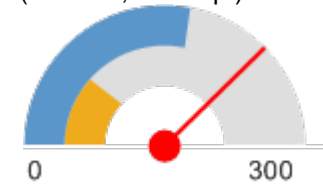
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

Mortality - Heart Disease

Within the report area the rate of death due to heart disease (ICD10 Codes I00-I09, I11, I13, I20-I151) per 100,000 population is 225.7. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

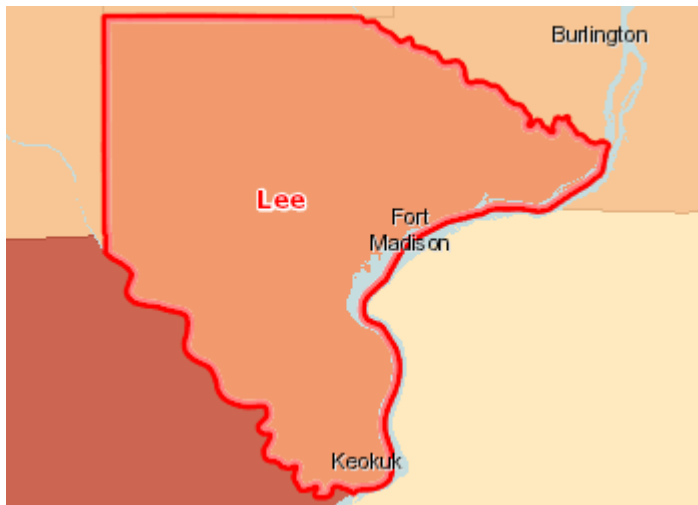
Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	118	334.1	225.7
Iowa	173,304	42	24.35	71.12
United States	318,689,254	618,853	194.2	168.2

Heart Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Lee County, IA (225.7)
- Iowa (71.12)
- United States (168.2)

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County



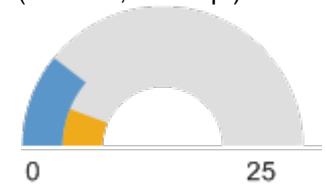
Heart Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2012-16

- Over 240.0
- 200.1 - 240.0
- 160.1 - 200.0
- Under 160.1
- Data Suppressed (<20 Deaths)
- Report Area

Mortality - Homicide

This indicator reports the rate of death due to assault (homicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because homicide rate is a measure of poor community safety and is a leading cause of premature death.

Homicide, Age-Adjusted Death Rate (Per 100,000 Pop.)



- Iowa (3.16)
- United States (5.5)

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	no data	suppressed	suppressed
Iowa	173,304	5	2.65	3.16
United States	318,689,254	17,167	5.4	5.5
HP 2020 Target				<= 5.5

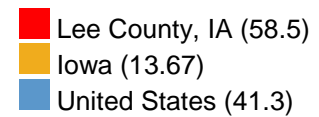
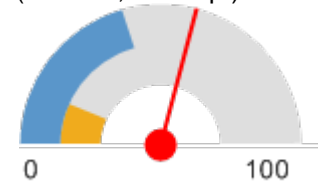
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

Mortality - Lung Disease

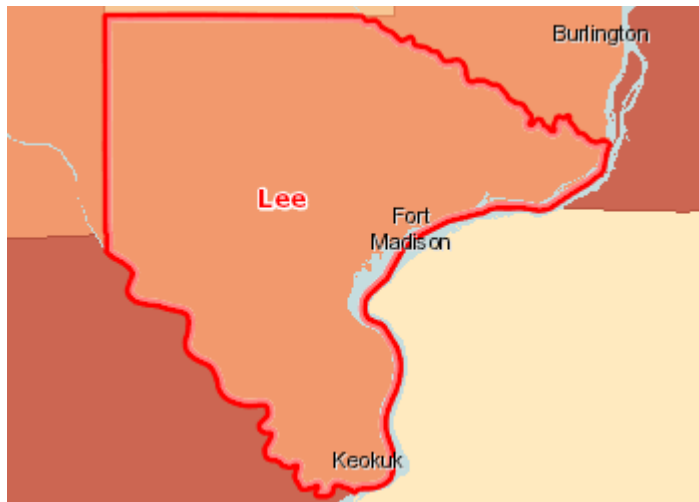
This indicator reports the rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	30	84.5	58.5
Iowa	173,304	7	3.81	13.67
United States	318,689,254	149,886	47	41.3

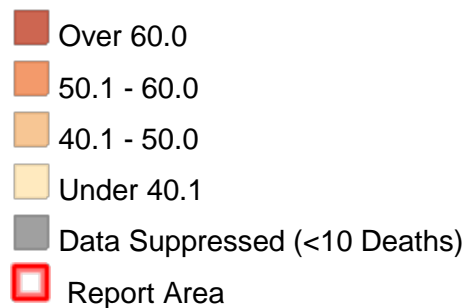
Lung Disease Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County



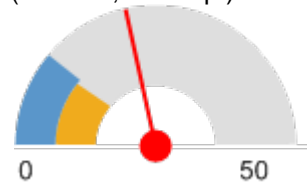
Lung Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2012-16



Mortality - Motor Vehicle Crash

This indicator reports the rate of death due to motor vehicle crashes per 100,000 population, which include collisions with another motor vehicle, a nonmotorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

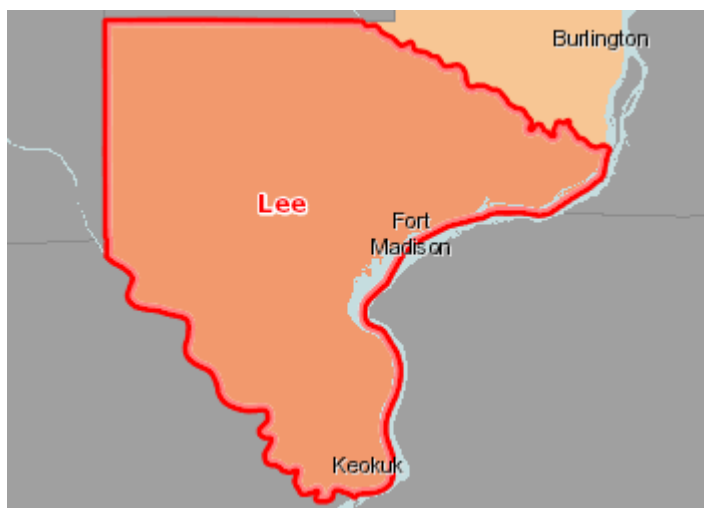
Motor Vehicle Crash Death, Age-Adjusted Death Rate (Per 100,000 Pop.)



Lee County, IA (21.6)
Iowa (10.96)
United States (11.3)

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	8	22.1	21.6
Iowa	173,304	18	10.16	10.96
United States	318,689,254	37,053	11.6	11.3

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County



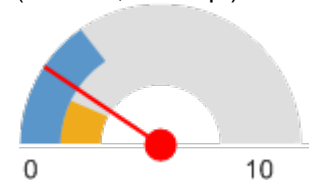
Motor Vehicle Crash Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, NVSS 2012-16

- Over 25.0
- 20.1 - 25.0
- 10.1 - 20.0
- Under 10.1
- Data Suppressed (<20 Deaths)
- Report Area

Mortality - Pedestrian Motor Vehicle Crash

This indicator reports the crude rate of pedestrians killed by motor vehicles per 100,000 population. This indicator is relevant because pedestrian-motor vehicle crash deaths are preventable and they are a cause of premature death.

Pedestrian Motor Vehicle Mortality, Crude Death Rate (Per 100,000 Pop.)



Lee County, IA (1.9)
Iowa (1.5)
United States (3.1)

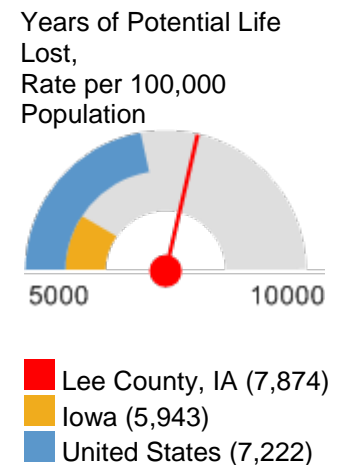
Report Area	Total Population (2010)	Total Pedestrian Deaths, 2011-2015	Average Annual Deaths, Rate per 100,000 Pop.
Lee County	35,862	2	1.9
Iowa	3,046,355	133	1.5
US	312,732,537	28,832	3.1
HP 2020 Target			<= 1.3

Data Source: US Dept. of Transportation, National Highway Traffic Safety Administration, Fatality Analysis Reporting System. 2011-2015. Source geography: County

Mortality - Premature Death

This indicator reports Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death, age-adjusted to the 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75 year benchmark. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

Report Area	Total Population	Total Premature Death, 2014-2016	Total Years of Potential Life Lost, 2014-2016 Average	Years of Potential Life Lost, Rate per 100,000 Population
Lee County, IA	27,573	558	2,171	7,874
Iowa	8,732,595	33,313	518,938	5,943
United States	896,379,917	3,642,755	64,739,406	7,222



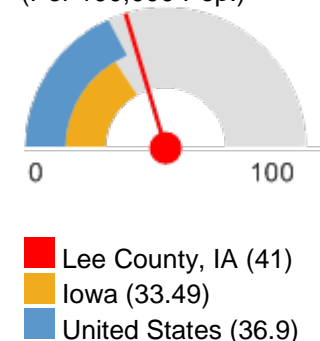
Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2014-16. Source geography: County

Mortality - Stroke

Within the report area there are an estimated 41 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is greater than the Healthy People 2020 target of less than or equal to 33.8. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	21	60.7	41
Iowa	3,106,064	1,414	45.52	33.49
United States	318,689,254	134,618	42.2	36.9
HP 2020 Target				<= 33.8

Stroke Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



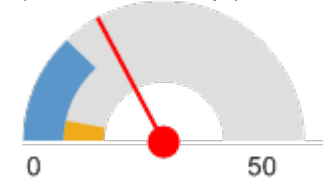
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

Mortality - Suicide

This indicator reports the rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	6	16.4	17.2
Iowa	173,304	7	3.81	3.57
United States	318,689,254	42,747	13.4	13
HP 2020 Target				<= 10.2

Suicide, Age-Adjusted Death Rate (Per 100,000 Pop.)



■ Lee County, IA (17.2)
■ Iowa (3.57)
■ United States (13)

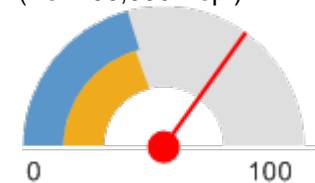
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

Mortality - Unintentional Injury

This indicator reports the rate of death due to unintentional injury (accident) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because accidents are a leading cause of death in the U.S.

Report Area	Total Population	Average Annual Deaths, 2010-2014	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,258	29	81.1	70
Iowa	3,279,368	1,527	46.55	41.41
United States	318,689,254	140,444	44.1	41.9
HP 2020 Target				<= 36.0

Unintentional Injury (Accident) Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



■ Lee County, IA (70)
■ Iowa (41.41)
■ United States (41.9)

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2012-16. Source geography: County

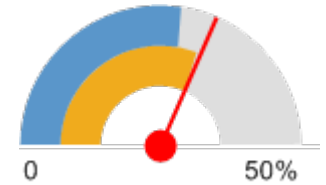
Obesity

31.5% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population Age 20	Adults with BMI > 30.0 (Obese)	Percent Adults with BMI > 30.0 (Obese)
Lee County, IA	27,006	8,615	31.5%
Iowa	2,276,658	712,866	31.1%
United States	234,188,203	64,884,915	27.5%

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County

Percentage of Adults Obese



■ Lee County, IA (31.5%)
 ■ Iowa (31.1%)
 ■ United States (27.5%)

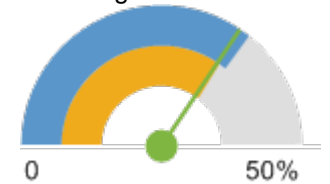
Overweight

34.4% of adults aged 18 and older self-report that they have a Body Mass Index (BMI) between 25.0 and 30.0 (overweight) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Survey Population (Adults Age 18)	Total Adults Overweight	Percent Adults Overweight
Lee County, IA	20,685	7,111	34.4%
Iowa	2,193,149	767,907	35%
United States	224,991,207	80,499,532	35.8%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County

Percent Adults Overweight



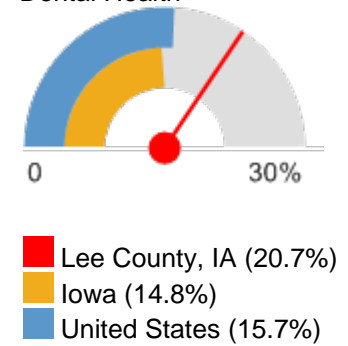
■ Lee County, IA (34.4%)
 ■ Iowa (35%)
 ■ United States (35.8%)

Poor Dental Health

This indicator reports the percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection. This indicator is relevant because it indicates lack of access to dental care and/or social barriers to utilization of dental services.

Report Area	Total Population (Age 18)	Total Adults with Poor Dental Health	Percent Adults with Poor Dental Health
Lee County, IA	27,816	5,756	20.7%
Iowa	2,307,562	341,535	14.8%
United States	235,375,690	36,842,620	15.7%

Percent Adults with Poor Dental Health



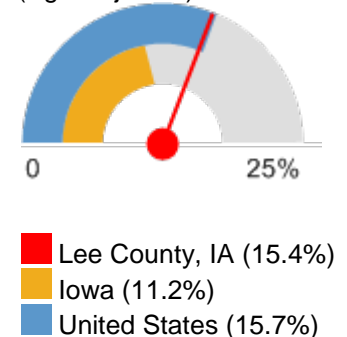
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County

Poor General Health

Within the report area 16.3% of adults age 18 and older self-report having poor or fair health in response to the question "Would you say that in general your health is excellent, very good, good, fair, or poor?". This indicator is relevant because it is a measure of general poor health status.

Report Area	Total Population Age 18	Estimated Population with Poor or Fair Health	Crude Percentage	Age-Adjusted Percentage
Lee County, IA	27,872	4,543	16.3%	15.4%
Iowa	2,307,562	276,907	12%	11.2%
United States	232,556,016	37,766,703	16.2%	15.7%

Percent Adults with Poor or Fair Health (Age-Adjusted)



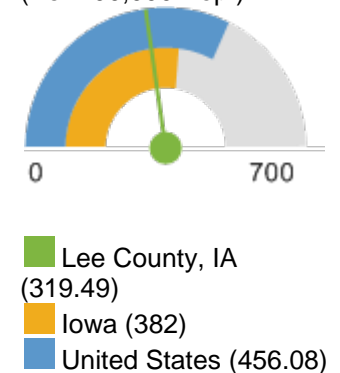
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County

STI - Chlamydia Incidence

This indicator reports incidence rate of chlamydia cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population	Total Chlamydia Infections	Chlamydia Infection Rate (Per 100,000 Pop.)
Lee County	35,682	114	319.49
Iowa	3,090,052	11,804	382
United States	316,128,839	1,441,789	456.08

Chlamydia Infection Rate (Per 100,000 Pop.)



Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County

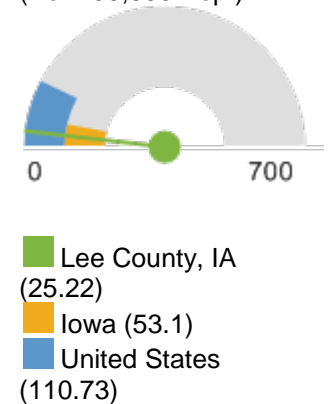
STI - Gonorrhea Incidence

This indicator reports incidence rate of Gonorrhea cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population	Total Gonorrhea Infections	Gonorrhea Infection Rate (Per 100,000 Pop.)
Lee County, IA	35,682	9	25.22
Iowa	3,090,395	1,641	53.1
United States	316,128,839	350,062	110.73

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County

Gonorrhea Infection Rate (Per 100,000 Pop.)



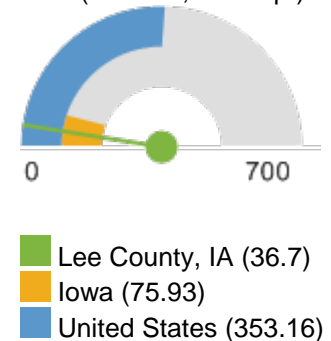
STI - HIV Prevalence

This indicator reports prevalence rate of HIV per 100,000 population. This indicator is relevant because HIV is a life-threatening communicable disease that disproportionately affects minority populations and may also indicate the prevalence of unsafe sex practices.

Report Area	Population Age 13	Population with HIV / AIDS	Population with HIV / AIDS, Rate (Per 100,000 Pop.)
Lee County, IA	29,975	11	36.7
Iowa	2,570,826	1,952	75.93
United States	263,765,822	931,526	353.16

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2013. Source geography: County

Population with HIV / AIDS, Rate (Per 100,000 Pop.)



Please see [Health Indicators Report footnotes](#) for information about the data background, analysis methodologies and other related notes. Report prepared by [Community Commons](#), September 05, 2018. Edited by Michele Ross, Lee County Health Department September 2018 for stakeholder review.

Lee (LE)

	Lee County	Error Margin	Top U.S. Performers	Iowa	Rank (of 99)
Health Outcomes					95
Length of Life					93
Premature death	7,900	6,800-9,000	5,300	5,900	
Quality of Life					97
Poor or fair health **	15%	14-16%	12%	13%	
Poor physical health days **	3.3	3.2-3.5	3.0	2.9	
Poor mental health days **	3.5	3.3-3.7	3.1	3.3	
Low birthweight	8%	7-9%	6%	7%	
Additional Health Outcomes (not included in overall ranking)					
Premature age-adjusted mortality	420	390-460	270	310	
Child mortality	60	40-100	40	50	
Infant mortality			4	5	
Frequent physical distress	11%	10-11%	9%	9%	
Frequent mental distress	11%	11-11%	10%	10%	
Diabetes prevalence	12%	9-15%	8%	10%	
HIV prevalence	34		49	94	
Health Factors					98
Health Behaviors					95
Adult smoking **	17%	17-18%	14%	17%	
Adult obesity	34%	29-39%	26%	32%	
Food environment index	7.6		8.6	8.2	
Physical inactivity	30%	25-35%	20%	25%	
Access to exercise opportunities	74%		91%	83%	
Excessive drinking **	19%	18-20%	13%	22%	
Alcohol-impaired driving deaths	31%	22-41%	13%	27%	
Sexually transmitted infections	263.6		145.1	388.9	
Teen births	40	36-45	15	22	
Teen Birth Rate	40				
Teen Birth Rate (Black)	48				
Teen Birth Rate (Hispanic)	28				
Teen Birth Rate (White)	41				
Additional Health Behaviors (not included in overall ranking)					
Food insecurity	14%		10%	12%	
Limited access to healthy foods	7%		2%	6%	
Drug overdose deaths	18	11-28	10	9	
Drug overdose deaths - modeled	14-15.9		8-11.9	10.6	
Motor vehicle crash deaths	22	17-29	9	11	
Insufficient sleep	30%	29-31%	27%	28%	
Clinical Care					65
Uninsured	5%	5-6%	6%	6%	
Primary care physicians	1,670:1		1,030:1	1,360:1	
Dentists	2,470:1		1,280:1	1,560:1	
Mental health providers	1,380:1		330:1	760:1	
Preventable hospital stays	60	53-67	35	49	
Diabetes monitoring	90%	83-97%	91%	90%	
% Receiving HbA1c	90%				
% Receiving HbA1c (Black)	89%				
% Receiving HbA1c (White)	90%				
Mammography screening	61%	54-68%	71%	69%	
Additional Clinical Care (not included in overall ranking)					
Uninsured adults	6%	5-7%	7%	7%	
Uninsured children	3%	2-4%	3%	4%	
Health care costs	\$7,992			\$8,572	
Other primary care providers	1,442:1		782:1	1,185:1	
Social & Economic Factors					98
High school graduation	88%		95%	90%	
Some college	63%	58-69%	72%	70%	
Unemployment	6.2%		3.2%	3.7%	
Children in poverty	20%	15-25%	12%	15%	

	Lee County	Error Margin	Top U.S. Performers	Iowa	Rank (of 99)
% Children in Poverty	20%				
% Children in Poverty (Hispanic)	10%				
% Children in Poverty (White)	22%				
Income inequality	4.1	3.7-4.5	3.7	4.2	
Children in single-parent households	37%	31-43%	20%	29%	
Social associations	18.0		22.1	15.2	
Violent crime	499		62	270	
Injury deaths	101	86-116	55	65	
Additional Social & Economic Factors (not included in overall ranking)					
Disconnected youth	18%		10%	9%	
Median household income	\$49,700	\$44,700-54,600	\$65,100	\$56,400	
Household Income	\$49,700				
Household income (Black)	\$29,700				
Household income (White)	\$45,000				
Children eligible for free or reduced price lunch	48%		33%	41%	
Residential segregation - black/white	44		23	63	
Residential segregation - non-white/white	24		14	48	
Homicides			2	2	
Firearm fatalities	11	7-17	7	8	
Physical Environment					99
Air pollution - particulate matter **	10.5		6.7	9.6	
Drinking water violations	Yes				
Severe housing problems	12%	10-14%	9%	12%	
Driving alone to work	86%	84-88%	72%	81%	
Long commute - driving alone	19%	17-22%	15%	20%	

Areas to Explore Areas of Strength

^ 10th/90th percentile, i.e., only 10% are better.
 Note: Blank values reflect unreliable or missing data
 ** Data should not be compared with prior years

2018

Lee County CHNA Community WIDE Survey Distribution Plan

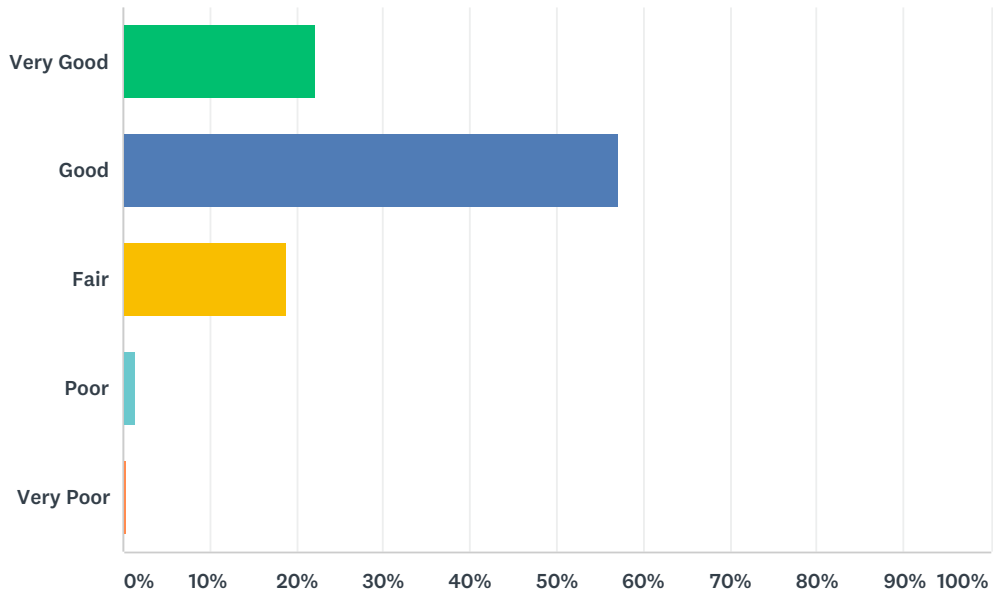
SURVEY WILL BE DISTRIBUTED May 21, 2018-July 30, 2018

Target group/organization	METHOD	By WHOM
Facebook followers	Facebook link	LCHD, FMCH, UPH--K
Website followers	Website link	LCHD, FMCH, UPH-K
Live Healthy Lee County Facebook followers	Facebook link	Emily
Lee Co School nurses	Email link	Michele
Lee Co School Superintendents	Email, will request meeting to discuss mass texting of link to parents	Michele and Emily and possibly Angie for FM
Child Care site Directors	Email	Michele and Cyndi (CCNC)
Long term care facility DONs	Email directors	Michele
Lee Co Coalition members	Email, Listserves to: <ul style="list-style-type: none"> • Lee County Lead Coalition • Lee County Interagency • Oral Health Coalition • Child Abuse Prevention Council • ECI taskforce group • Live Healthy Lee County • Transportation Taskforce • Mental Health Taskforce Group • CHNA HIP Large group emails • Lee County Health Care Coalition 	Cyndi Missy Rachael Missy Cyndi Emily Jamie RYANNE WOOD Michele
Immunization clinics-parents, adolescents, adults attending	Paper survey for or provide card with link on line	LCHD Assigned nursing staff
LCHD monthly Senior health sites	Paper survey or card with link	LCHD staff assigned to clinics
Lee County WIC clinics	Paper survey or card with link	LCHD staff assigned to clinics
LCHD families enrolled in HOPES/MCAH	Paper survey or card with link	LCHD FSWs or MCAH staff
Employees	Link	LCHD, FMCH, UPH--K
Newsletter	link	UPH-K
CHAMBERS	link	Amy, Angie
Keokuk Recruitment Taskforce	link	Amy
SCC	link	Amy
CHC	link	Amy
Auxiliary/Medical providers	link	Amy and Angie
Ministerial Association/Clergy contacts	Link	LCHD, FMCH, UPH--K
Business and Industry	Link	FMCH, UPH--K
HS School teachers (Health) (to reach youth)	Link or paper	Amy and Angie
United Way	Link	Emily
Other contacts such as health fairs, table tents/cards with link at various locations , community events, meetings we attend, etc.	Link or paper	LCHD, FMCH, UPH--K

- **Goal is to achieve 1000+ survey responses**

Q1 In general, how would you best describe your health?

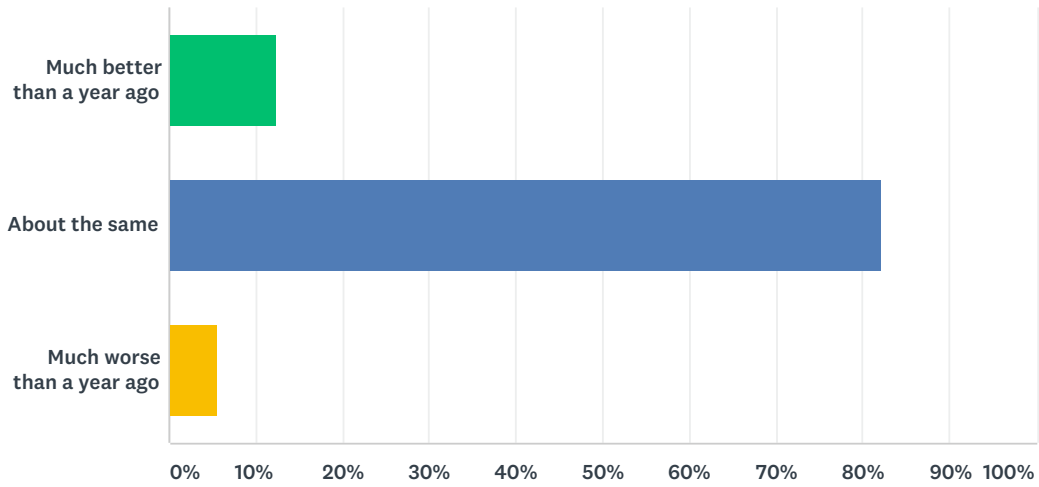
Answered: 1,044 Skipped: 8



ANSWER CHOICES	RESPONSES	
Very Good	22.13%	231
Good	57.09%	596
Fair	18.87%	197
Poor	1.53%	16
Very Poor	0.38%	4
TOTAL		1,044

Q2 Compared to a year ago, how would you rate your overall health now?

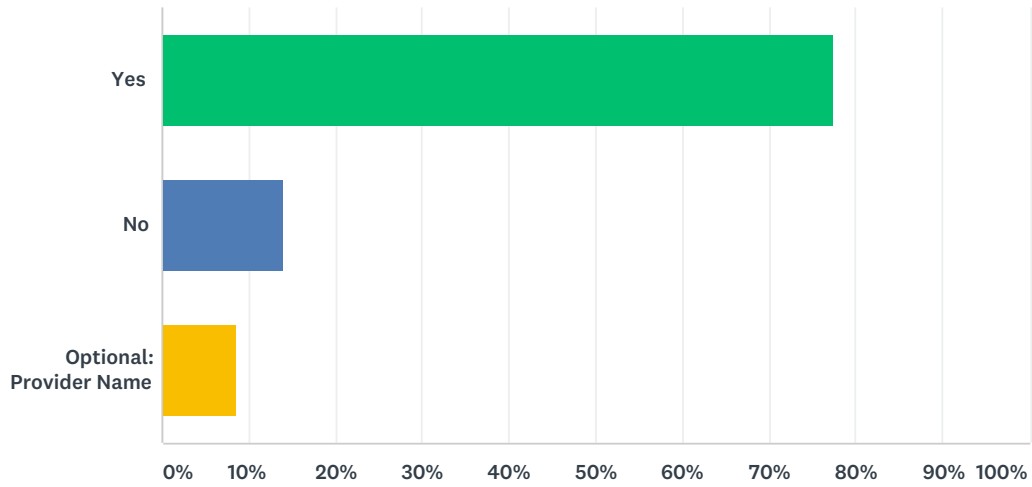
Answered: 1,044 Skipped: 8



ANSWER CHOICES	RESPONSES	
Much better than a year ago	12.26%	128
About the same	82.18%	858
Much worse than a year ago	5.56%	58
TOTAL		1,044

Q3 Do you have a personal healthcare provider you use for primary care?

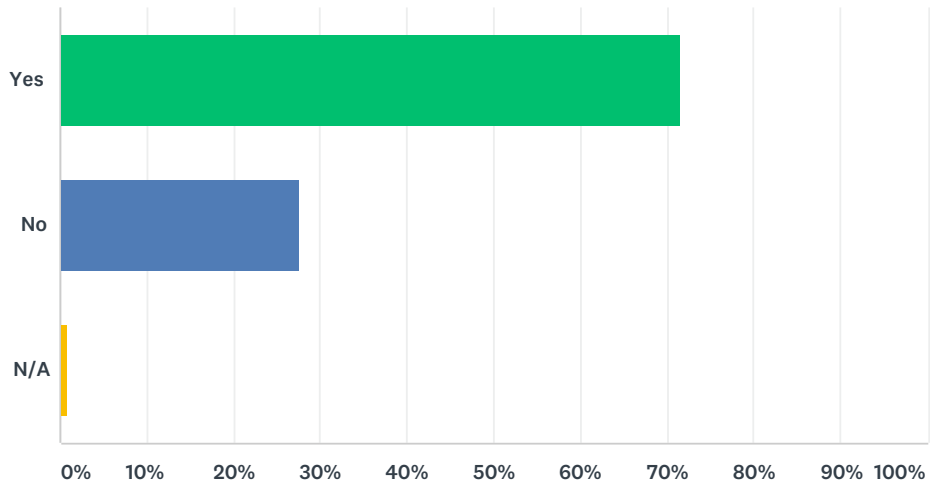
Answered: 1,038 Skipped: 14



ANSWER CHOICES	RESPONSES	
Yes	77.46%	804
No	13.97%	145
Optional: Provider Name	8.57%	89
TOTAL		1,038

Q4 Have you had a physical in the past 12 months?

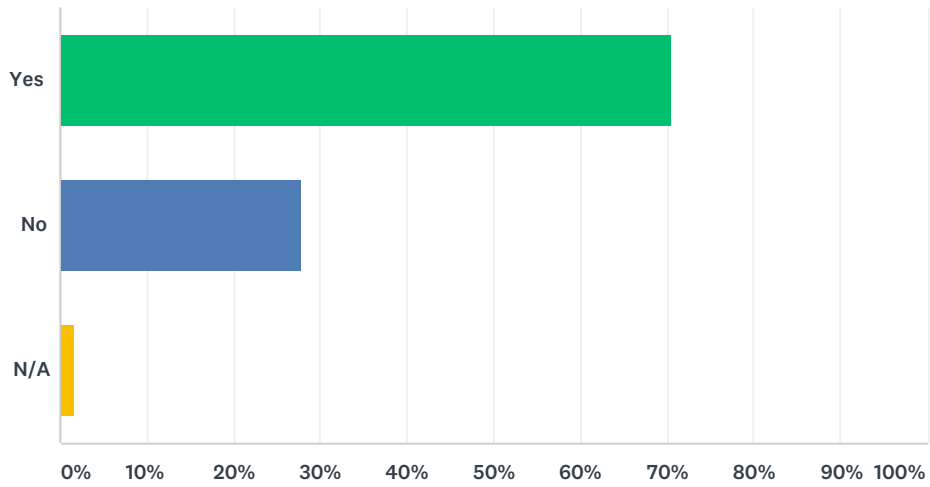
Answered: 1,044 Skipped: 8



ANSWER CHOICES	RESPONSES	
Yes	71.55%	747
No	27.59%	288
N/A	0.86%	9
TOTAL		1,044

Q5 Have you had your blood checked for diabetes?

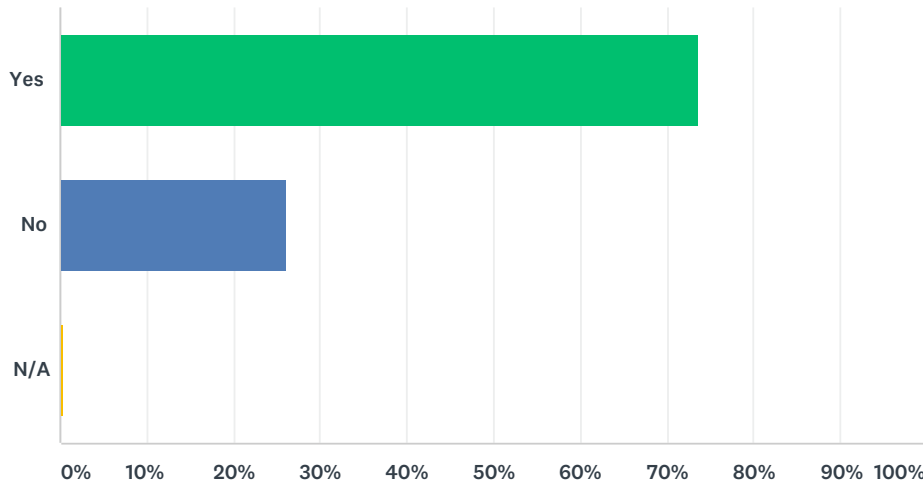
Answered: 1,043 Skipped: 9



ANSWER CHOICES	RESPONSES	
Yes	70.47%	735
No	27.90%	291
N/A	1.63%	17
TOTAL		1,043

Q6 In the past year, did you receive a flu shot?

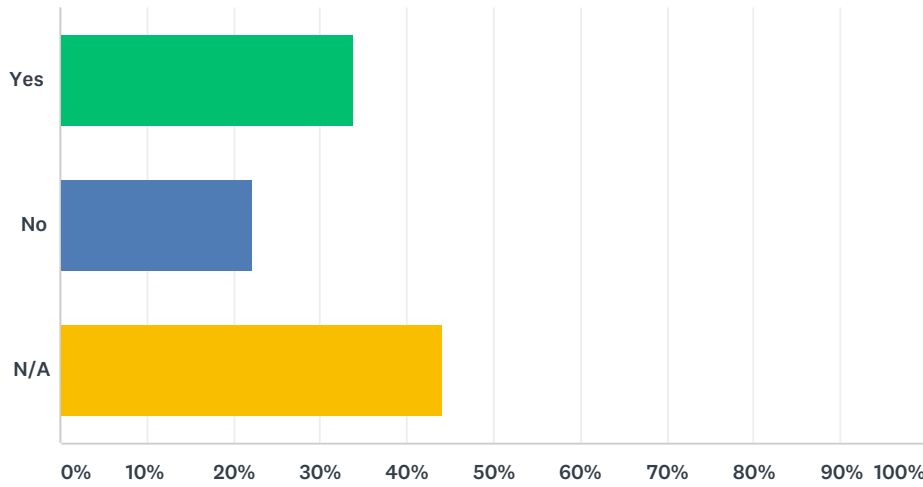
Answered: 1,044 Skipped: 8



ANSWER CHOICES	RESPONSES	
Yes	73.56%	768
No	26.05%	272
N/A	0.38%	4
TOTAL		1,044

Q7 If over 50, have your had a colonoscopy?

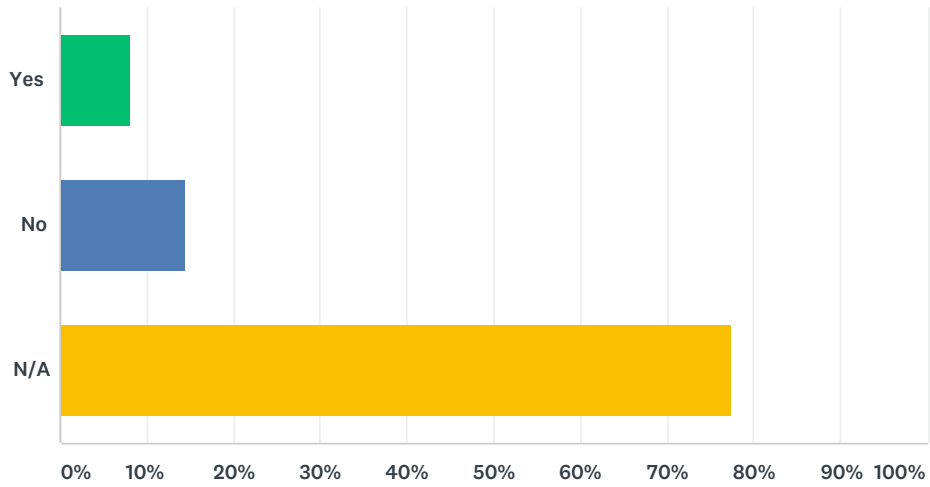
Answered: 1,042 Skipped: 10



ANSWER CHOICES	RESPONSES	
Yes	33.88%	353
No	22.07%	230
N/A	44.05%	459
TOTAL		1,042

Q8 If male over 40, do you have annual prostate exams?

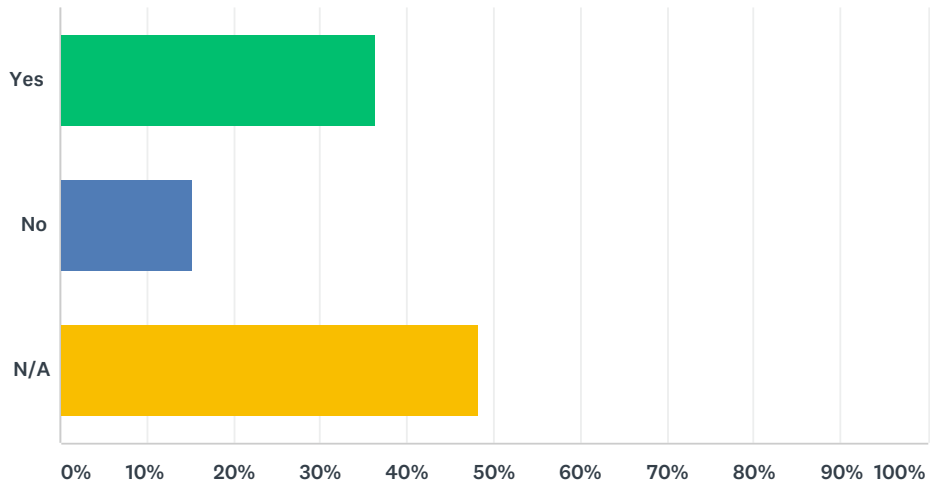
Answered: 1,027 Skipped: 25



ANSWER CHOICES	RESPONSES	
Yes	8.18%	84
No	14.41%	148
N/A	77.41%	795
TOTAL		1,027

Q9 If female over 40, do you have annual mammograms?

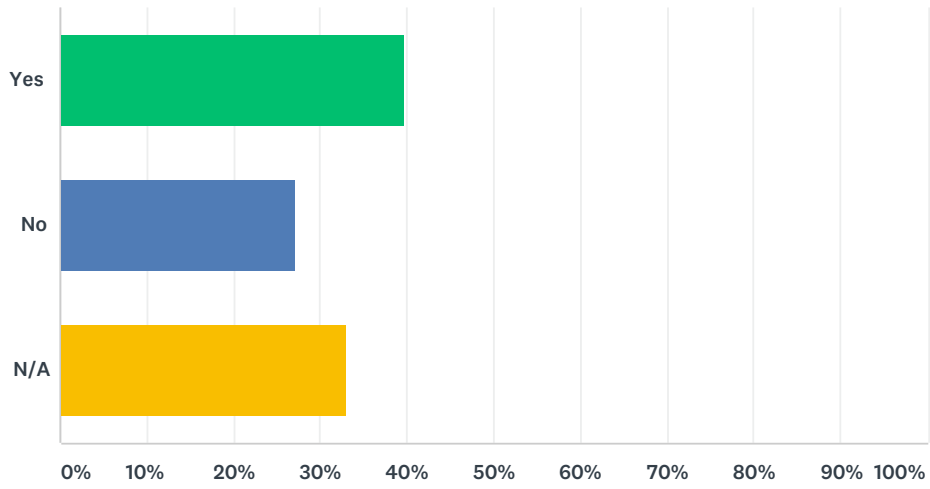
Answered: 1,032 Skipped: 20



ANSWER CHOICES	RESPONSES	
Yes	36.43%	376
No	15.21%	157
N/A	48.35%	499
TOTAL		1,032

Q10 If female, do you have a pap smear every other year?

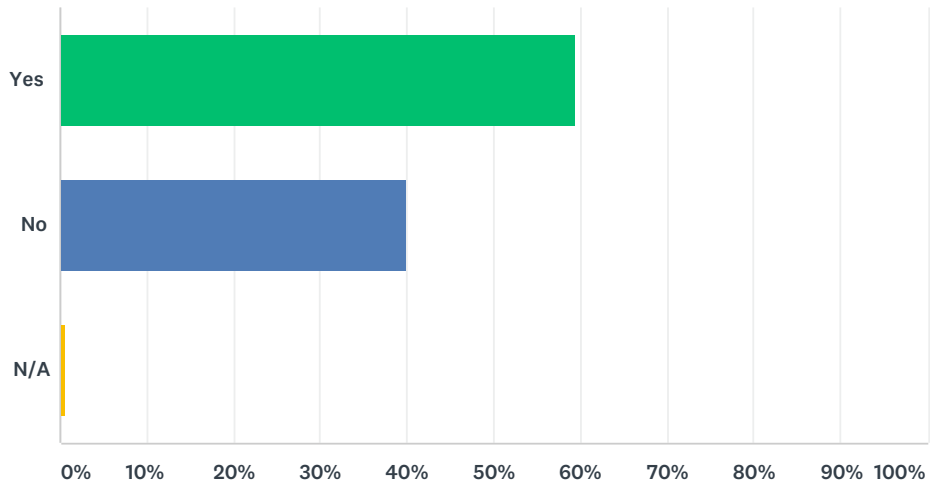
Answered: 1,034 Skipped: 18



ANSWER CHOICES	RESPONSES	
Yes	39.75%	411
No	27.18%	281
N/A	33.08%	342
TOTAL		1,034

Q11 Do you get 2.5 hours a week of moderately intense physical activity?

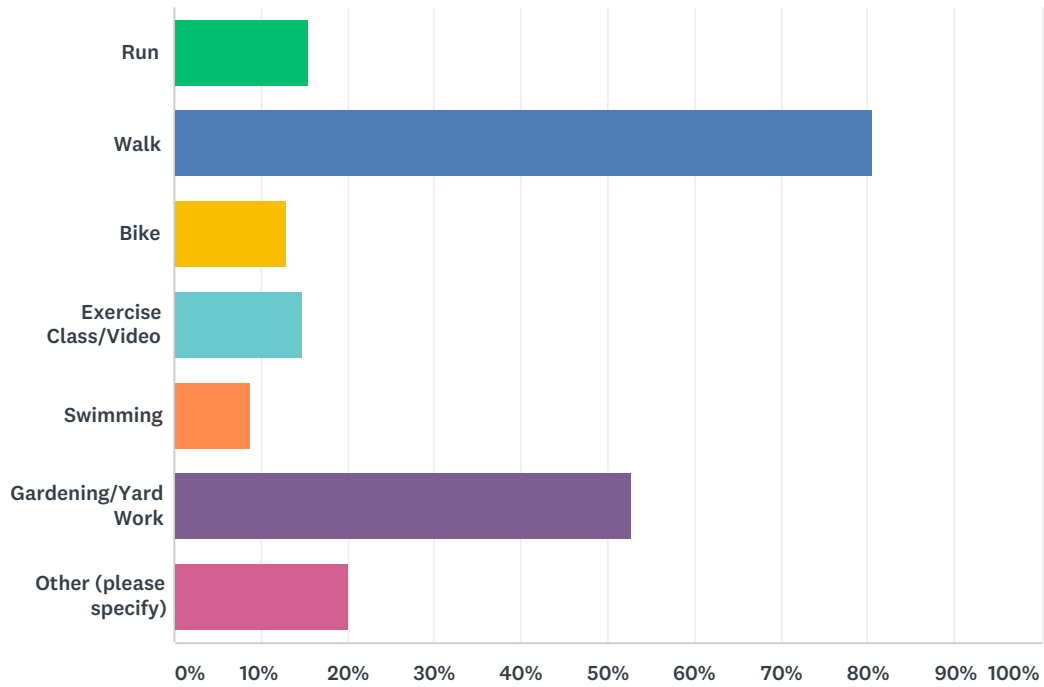
Answered: 1,036 Skipped: 16



ANSWER CHOICES	RESPONSES	
Yes	59.46%	616
No	39.96%	414
N/A	0.58%	6
TOTAL		1,036

Q12 What sort of physical activity do you do (mark all that apply)?

Answered: 1,001 Skipped: 51

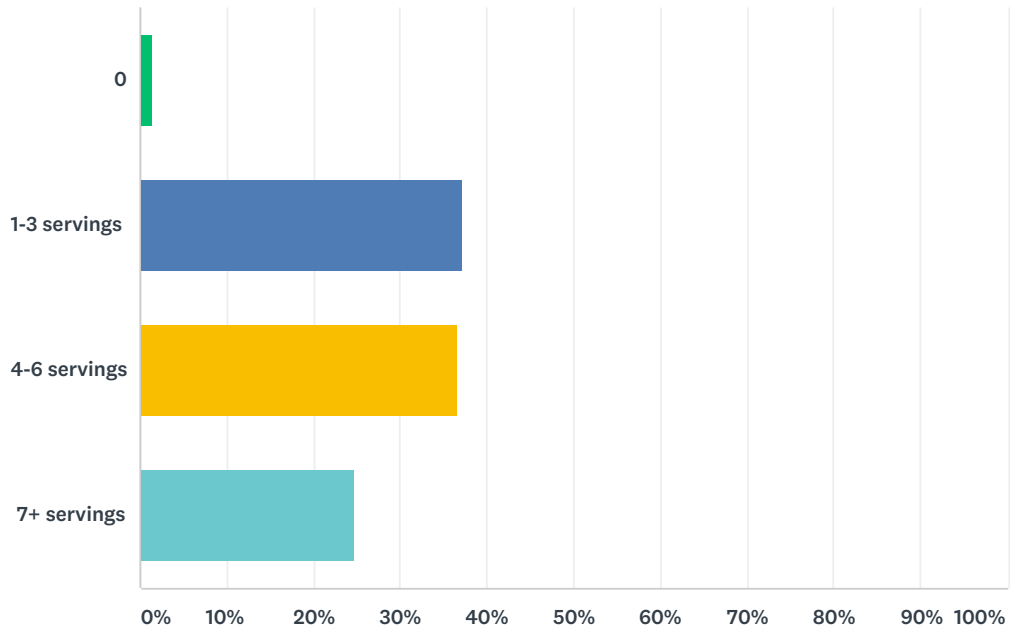


ANSWER CHOICES	RESPONSES	
Run	15.48%	155
Walk	80.62%	807
Bike	12.99%	130
Exercise Class/Video	14.89%	149
Swimming	8.89%	89
Gardening/Yard Work	52.65%	527
Other (please specify)	20.08%	201
Total Respondents: 1,001		



Q13 How many daily servings of fruit/vegetable do you get in a week?

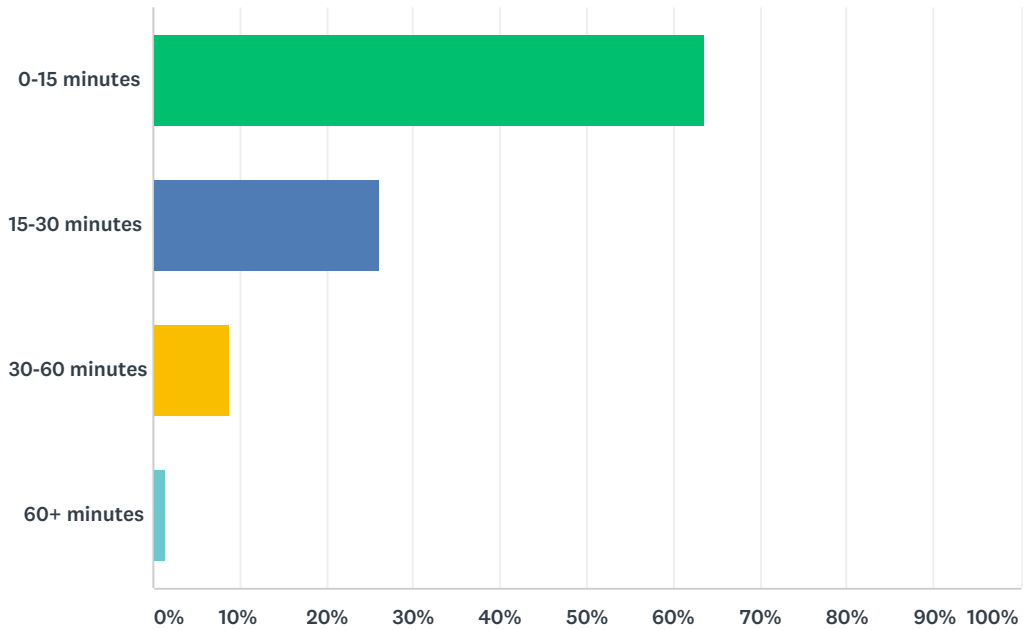
Answered: 1,038 Skipped: 14



ANSWER CHOICES	RESPONSES	
0	1.54%	16
1-3 servings	37.19%	386
4-6 servings	36.51%	379
7+ servings	24.76%	257
TOTAL		1,038

Q14 How long is your commute to work?

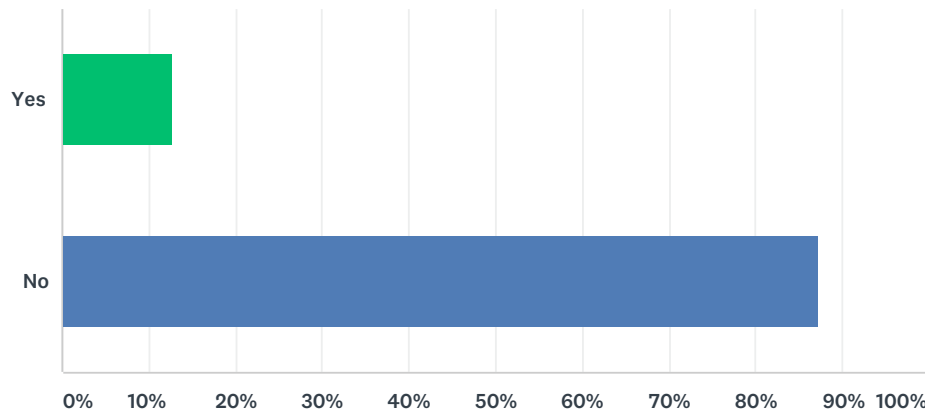
Answered: 974 Skipped: 78



ANSWER CHOICES	RESPONSES
0-15 minutes	63.66% 620
15-30 minutes	26.08% 254
30-60 minutes	8.73% 85
60+ minutes	1.54% 15
TOTAL	974

Q15 Do you smoke cigarettes, chew tobacco, or use electronic cigarettes?

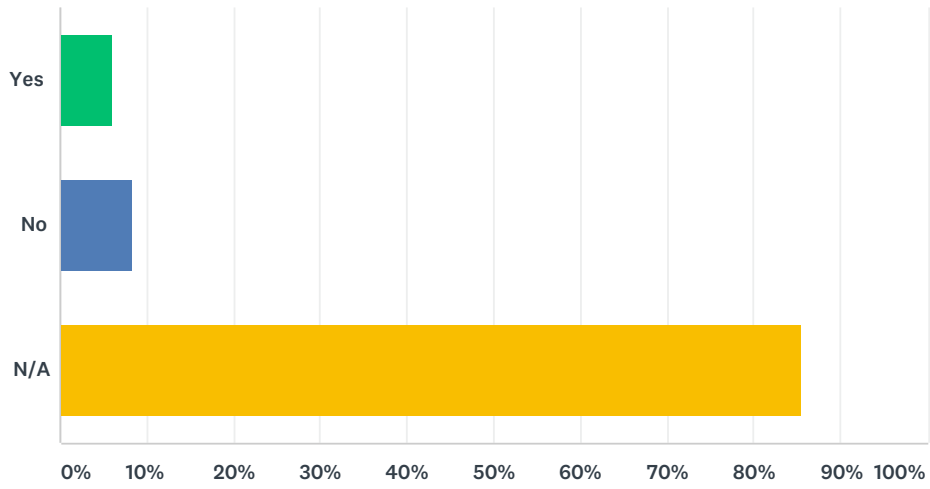
Answered: 1,038 Skipped: 14



ANSWER CHOICES	RESPONSES	
Yes	12.72%	132
No	87.28%	906
TOTAL		1,038

Q16 If yes, are you interested in quitting?

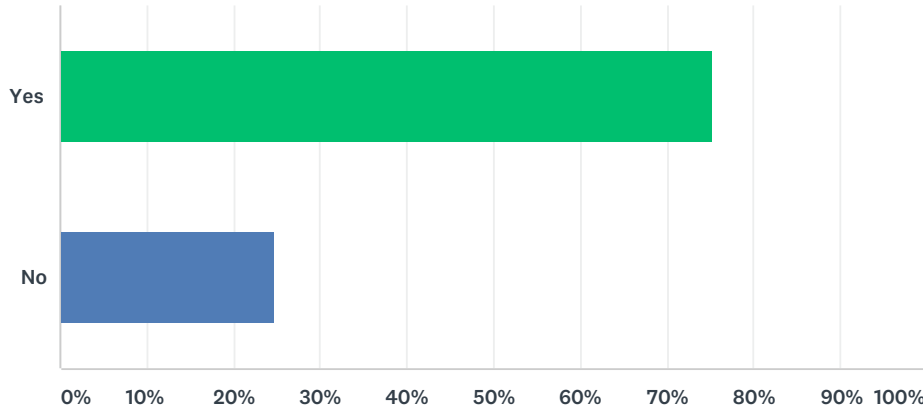
Answered: 1,007 Skipped: 45



ANSWER CHOICES	RESPONSES	
Yes	6.06%	61
No	8.34%	84
N/A	85.60%	862
TOTAL		1,007

Q17 Do you visit your dentist annually?

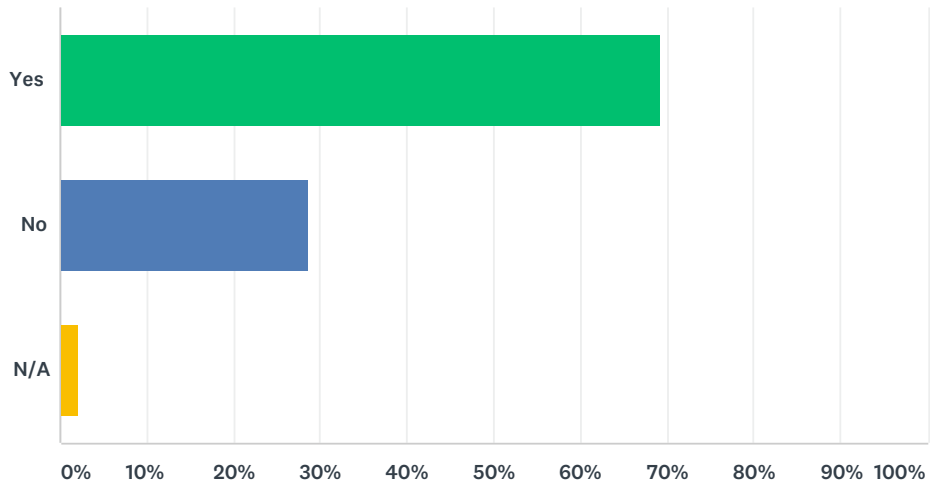
Answered: 1,037 Skipped: 15



ANSWER CHOICES	RESPONSES	
Yes	75.41%	782
No	24.59%	255
TOTAL		1,037

Q18 Do you visit your eye doctor annually?

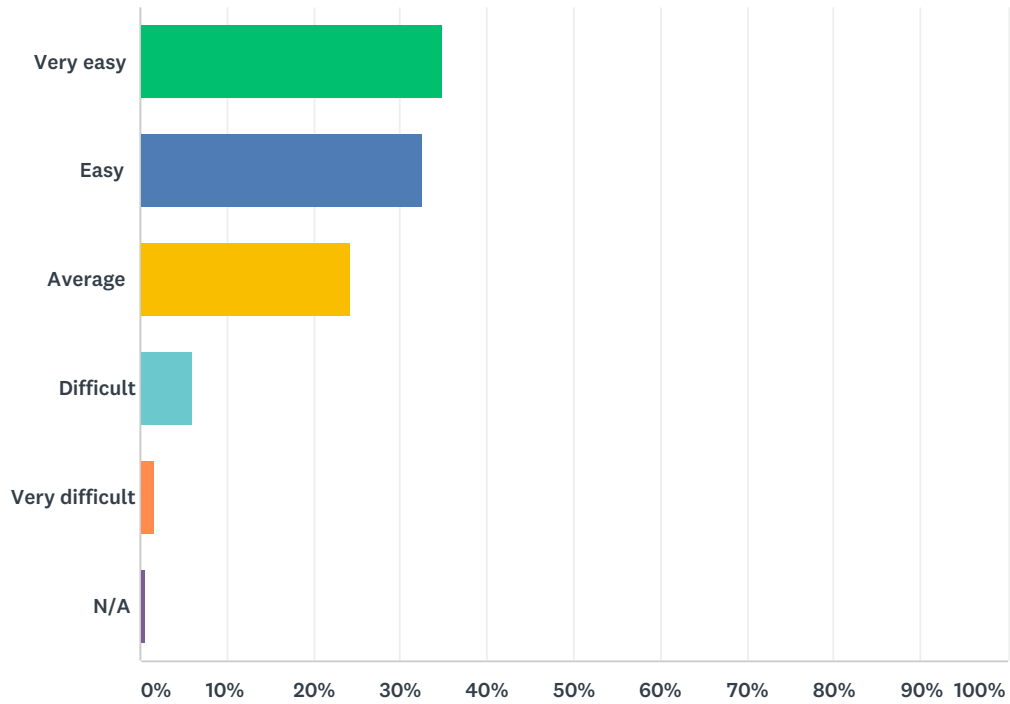
Answered: 1,043 Skipped: 9



ANSWER CHOICES	RESPONSES	
Yes	69.32%	723
No	28.57%	298
N/A	2.11%	22
TOTAL		1,043

Q19 How easy is it for you to access local services from a doctor?

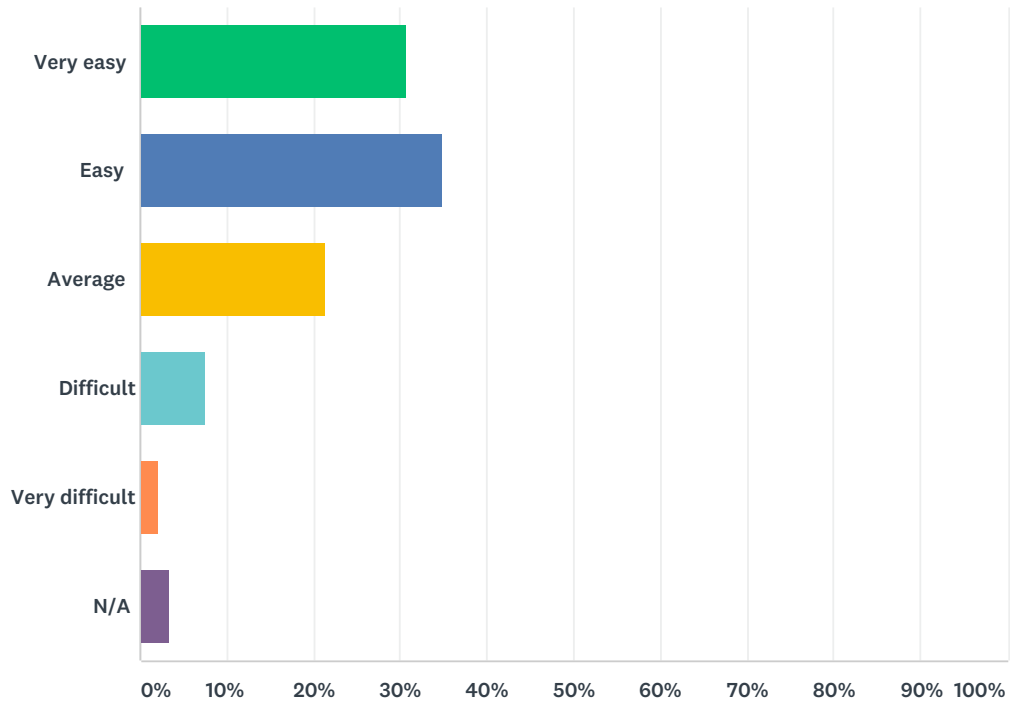
Answered: 998 Skipped: 54



ANSWER CHOICES	RESPONSES	
Very easy	34.87%	348
Easy	32.57%	325
Average	24.35%	243
Difficult	6.01%	60
Very difficult	1.60%	16
N/A	0.60%	6
TOTAL		998

Q20 How easy is it for you to access local services from a dentist?

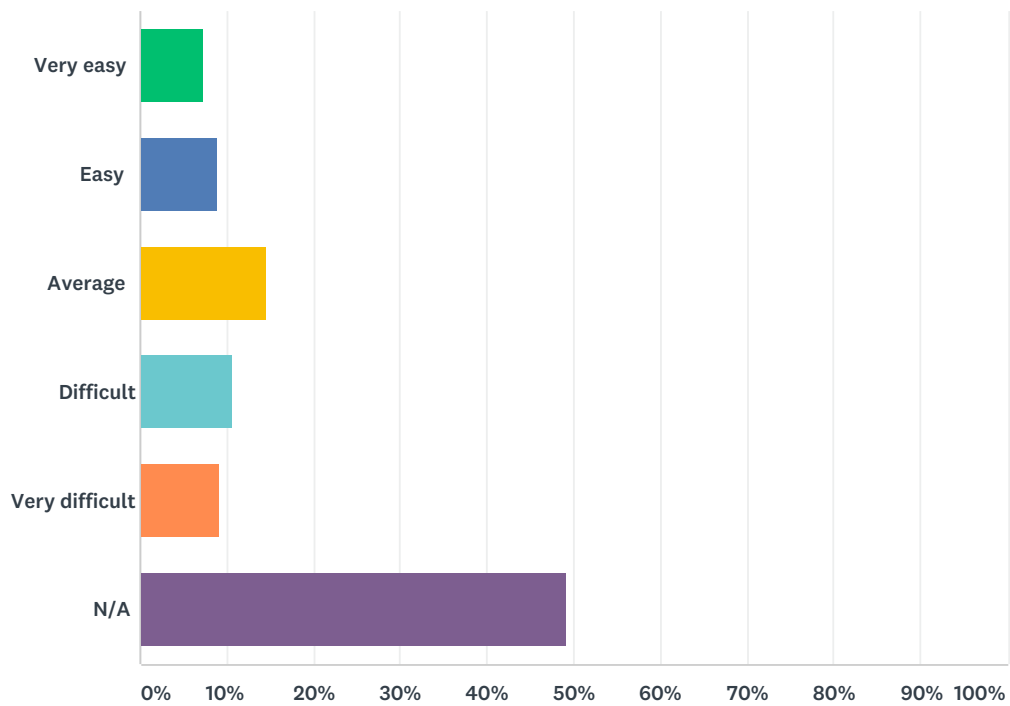
Answered: 1,004 Skipped: 48



ANSWER CHOICES	RESPONSES	
Very easy	30.78%	309
Easy	34.96%	351
Average	21.41%	215
Difficult	7.47%	75
Very difficult	1.99%	20
N/A	3.39%	34
TOTAL		1,004

Q21 How easy is it for you to access local mental health or other behavioral support services?

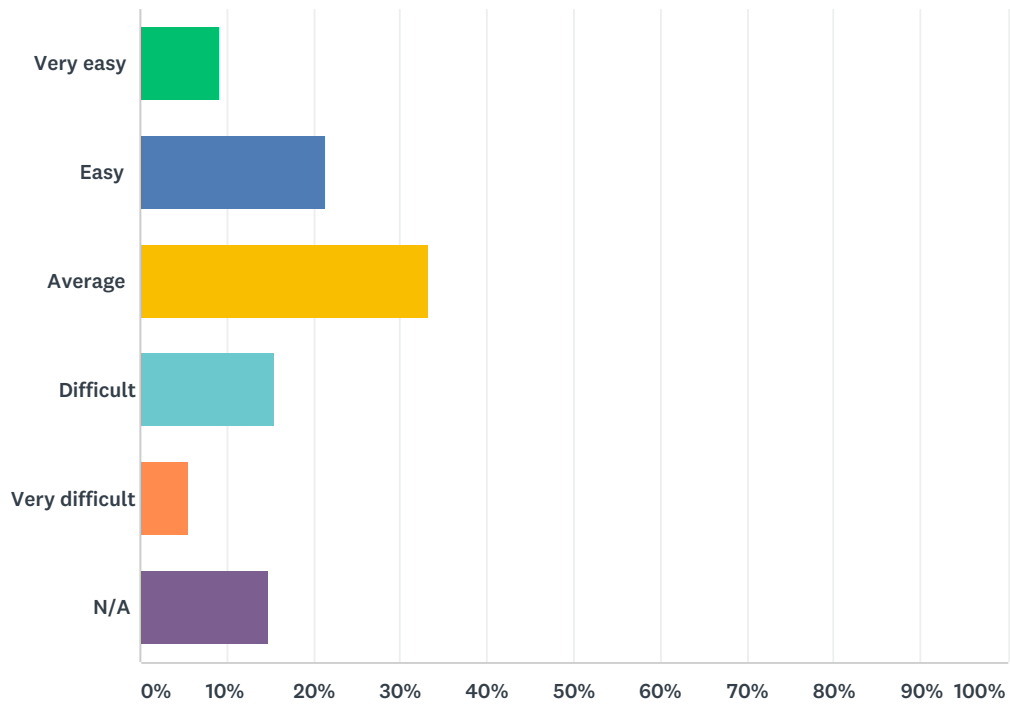
Answered: 1,002 Skipped: 50



ANSWER CHOICES	RESPONSES	
Very easy	7.29%	73
Easy	8.98%	90
Average	14.67%	147
Difficult	10.68%	107
Very difficult	9.18%	92
N/A	49.20%	493
TOTAL		1,002

Q22 How easy is it for you to access local services from a specialty doctor?

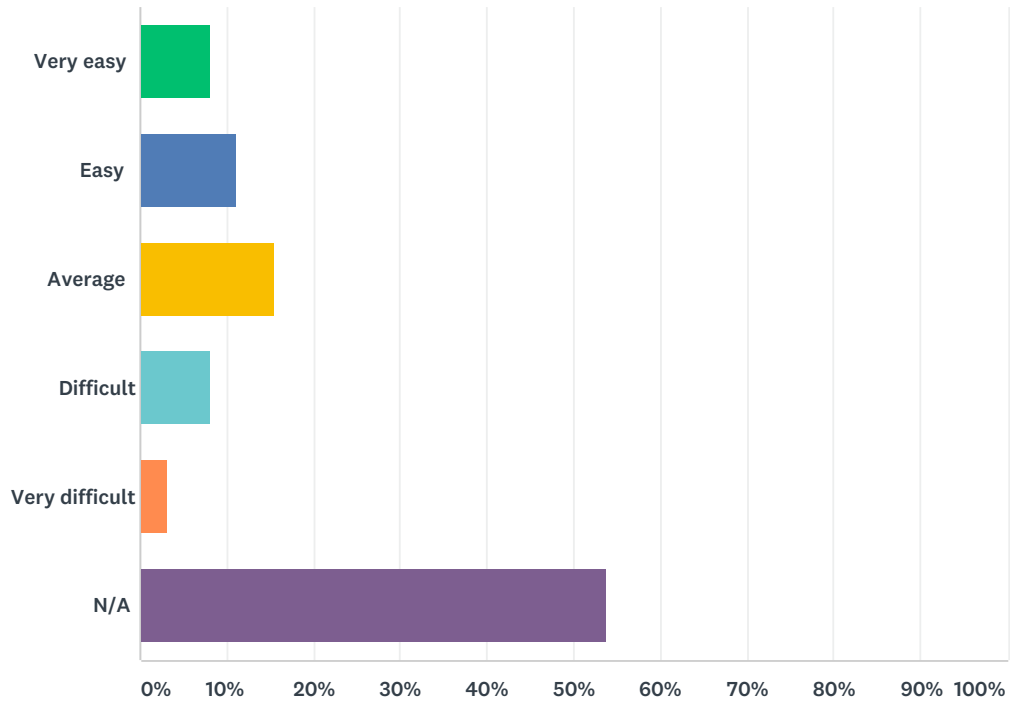
Answered: 1,004 Skipped: 48



ANSWER CHOICES	RESPONSES	
Very easy	9.26%	93
Easy	21.41%	215
Average	33.37%	335
Difficult	15.54%	156
Very difficult	5.58%	56
N/A	14.84%	149
TOTAL		1,004

Q23 How easy is it for you to access local family or parent support services?

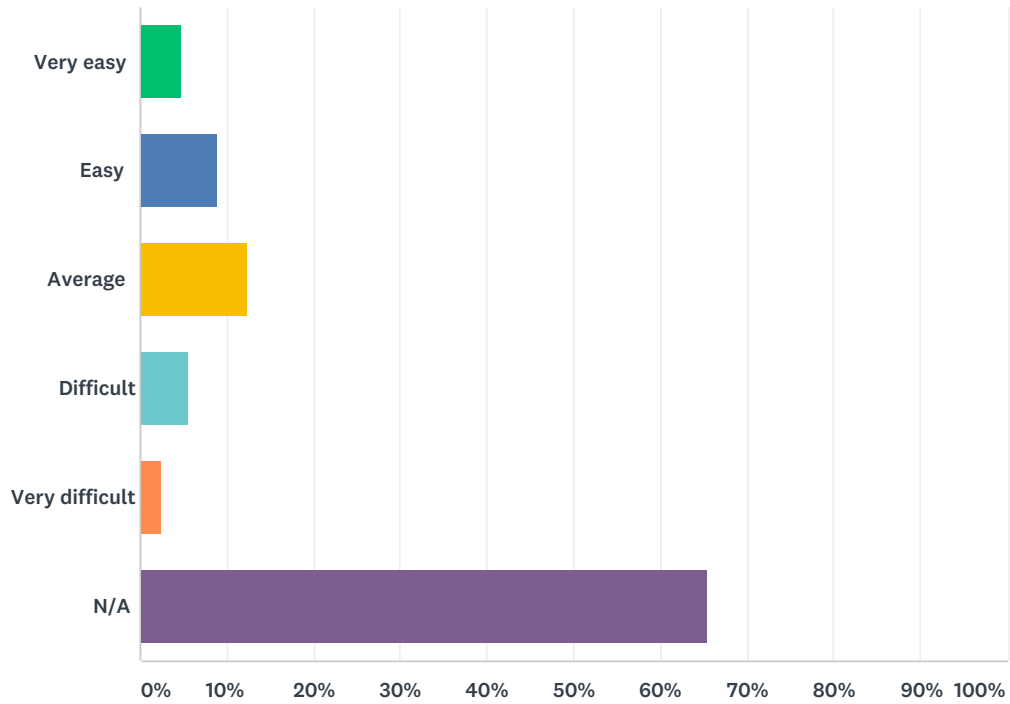
Answered: 1,002 Skipped: 50



ANSWER CHOICES	RESPONSES	
Very easy	8.18%	82
Easy	11.18%	112
Average	15.57%	156
Difficult	8.08%	81
Very difficult	3.19%	32
N/A	53.79%	539
TOTAL		1,002

Q24 How easy is it for you to access local child care services?

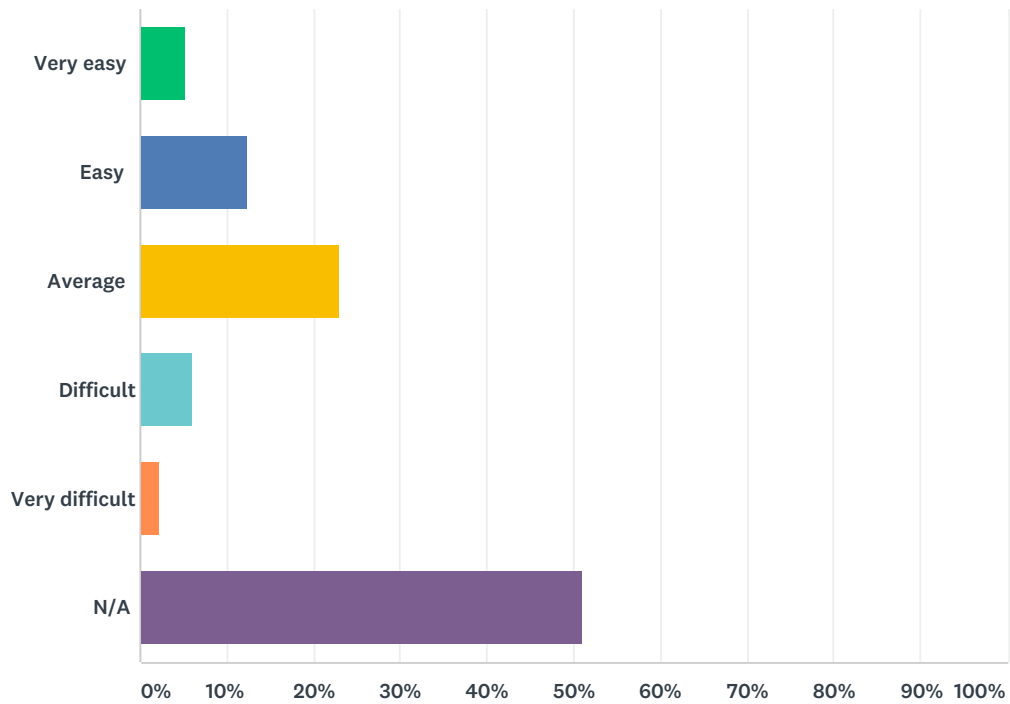
Answered: 998 Skipped: 54



ANSWER CHOICES	RESPONSES	
Very easy	4.71%	47
Easy	9.02%	90
Average	12.42%	124
Difficult	5.71%	57
Very difficult	2.61%	26
N/A	65.53%	654
TOTAL		998

Q25 How easy is it for you to access other needed local community assistance services?

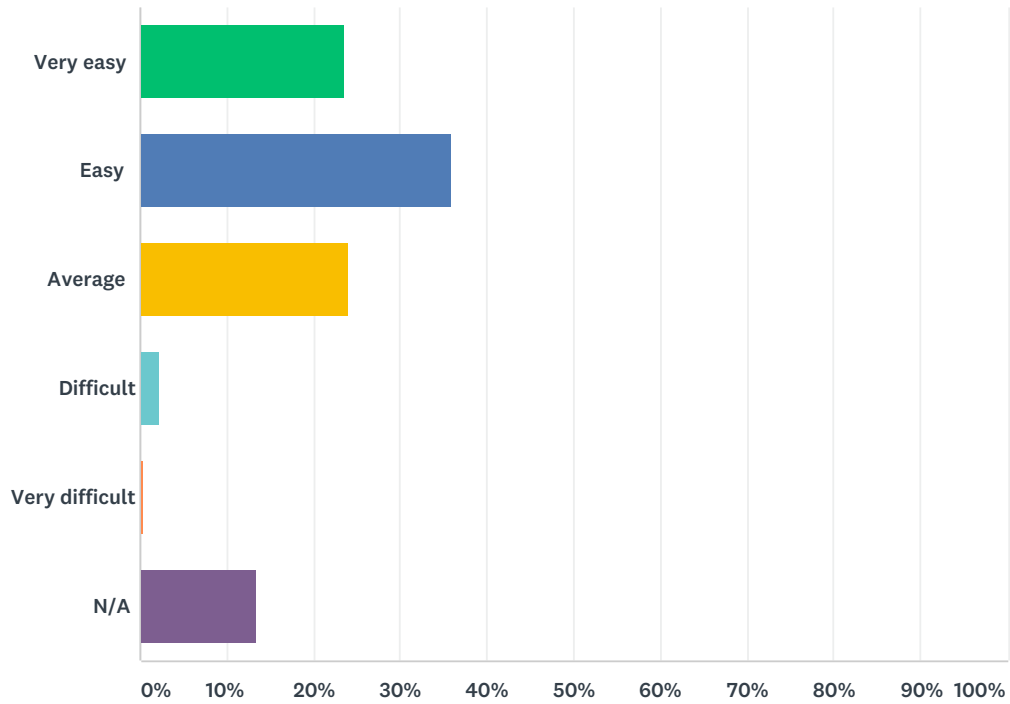
Answered: 1,004 Skipped: 48



ANSWER CHOICES	RESPONSES	
Very easy	5.18%	52
Easy	12.35%	124
Average	23.01%	231
Difficult	6.08%	61
Very difficult	2.39%	24
N/A	51.00%	512
TOTAL		1,004

Q26 How easy is it for you to access local emergency care services?

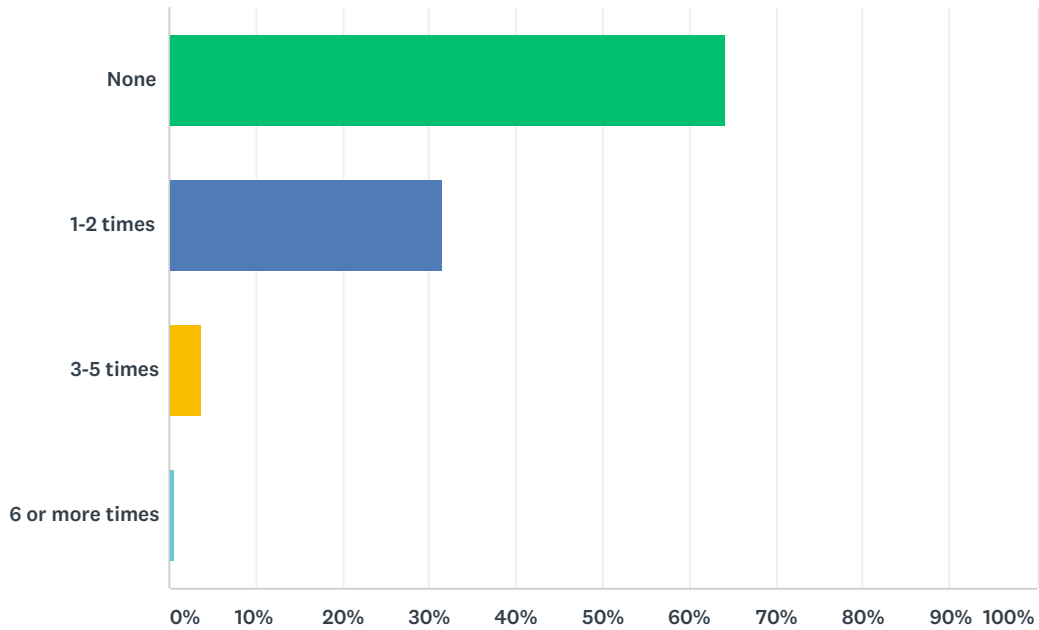
Answered: 1,002 Skipped: 50



ANSWER CHOICES	RESPONSES	
Very easy	23.65%	237
Easy	35.93%	360
Average	24.15%	242
Difficult	2.40%	24
Very difficult	0.50%	5
N/A	13.37%	134
TOTAL		1,002

Q27 How many times in the past year have you used the hospital ER?

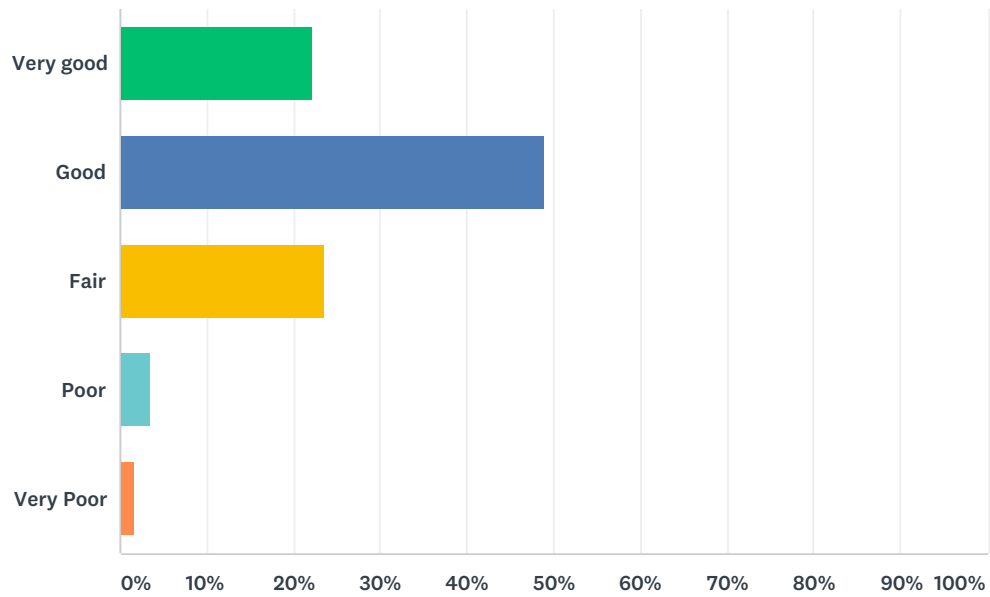
Answered: 1,006 Skipped: 46



ANSWER CHOICES	RESPONSES	
None	64.21%	646
1-2 times	31.51%	317
3-5 times	3.68%	37
6 or more times	0.60%	6
TOTAL		1,006

Q28 How would you rate the quality of the local community services you have received?

Answered: 989 Skipped: 63



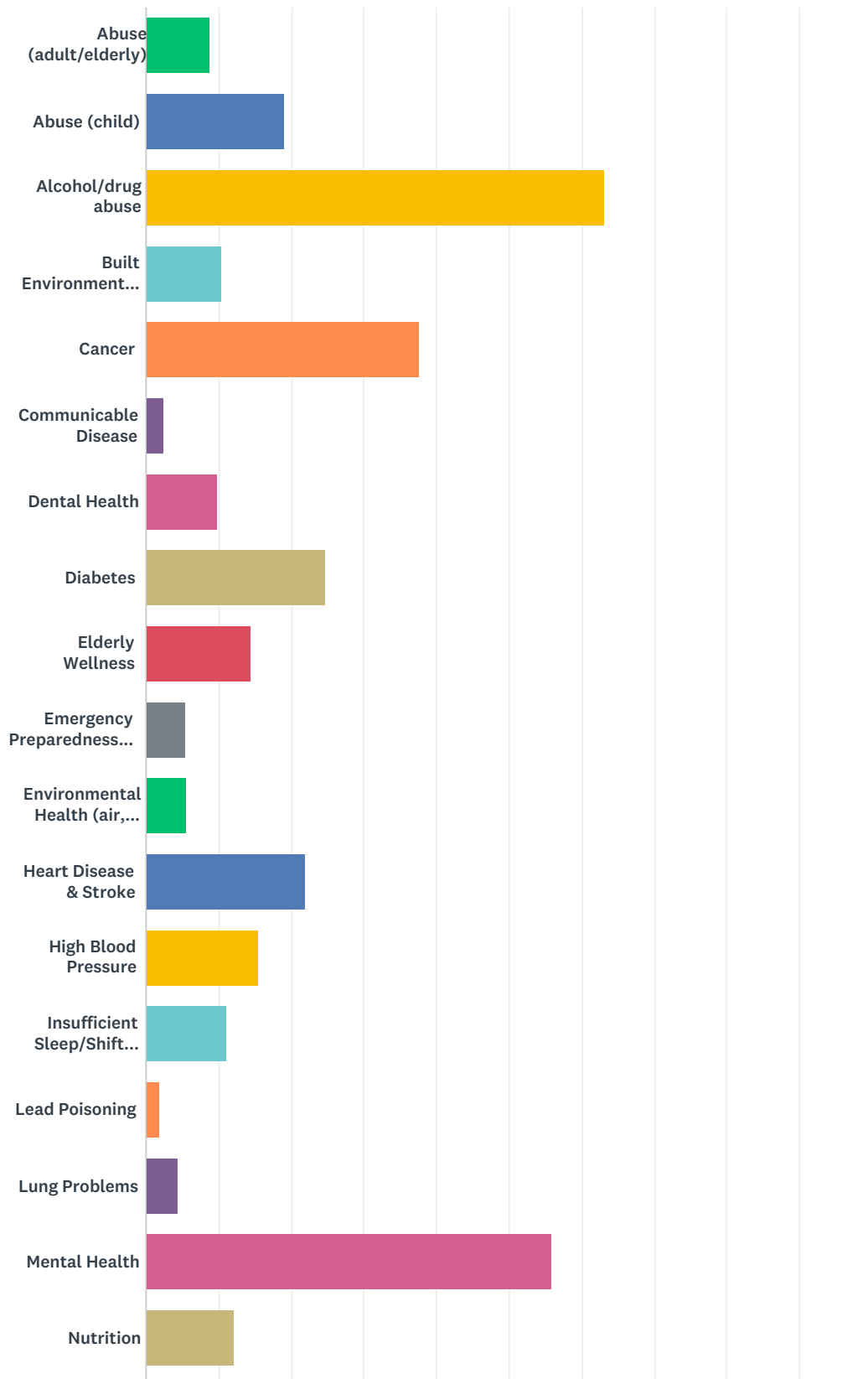
ANSWER CHOICES	RESPONSES	
Very good	22.14%	219
Good	48.94%	484
Fair	23.66%	234
Poor	3.54%	35
Very Poor	1.72%	17
TOTAL		989

Q29 Please comment on any difficulties you experienced while accessing health care or other services in Lee County:

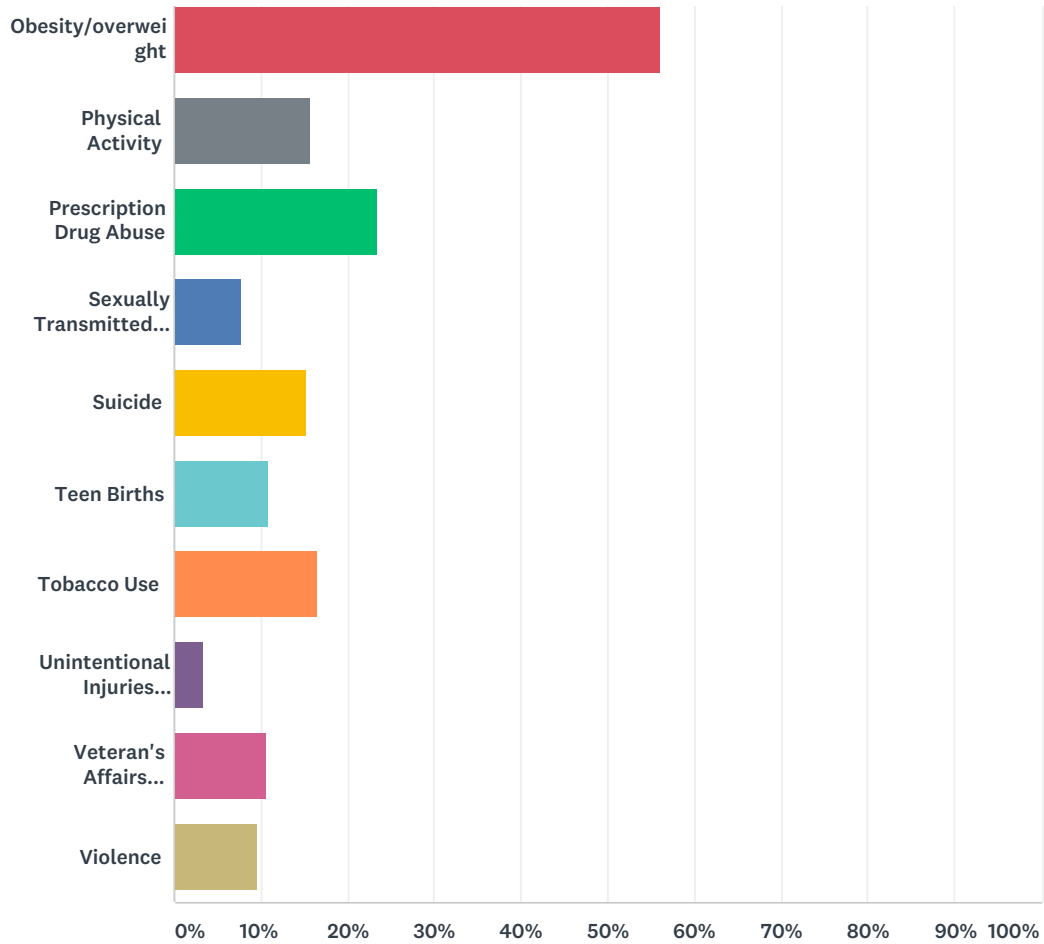
Answered: 248 Skipped: 804

Q30 Please check up to FIVE items from the following list that you think are the most important overall HEALTH CONCERNS in Lee County:

Answered: 951 Skipped: 101



2018 Community Health Needs Assessment



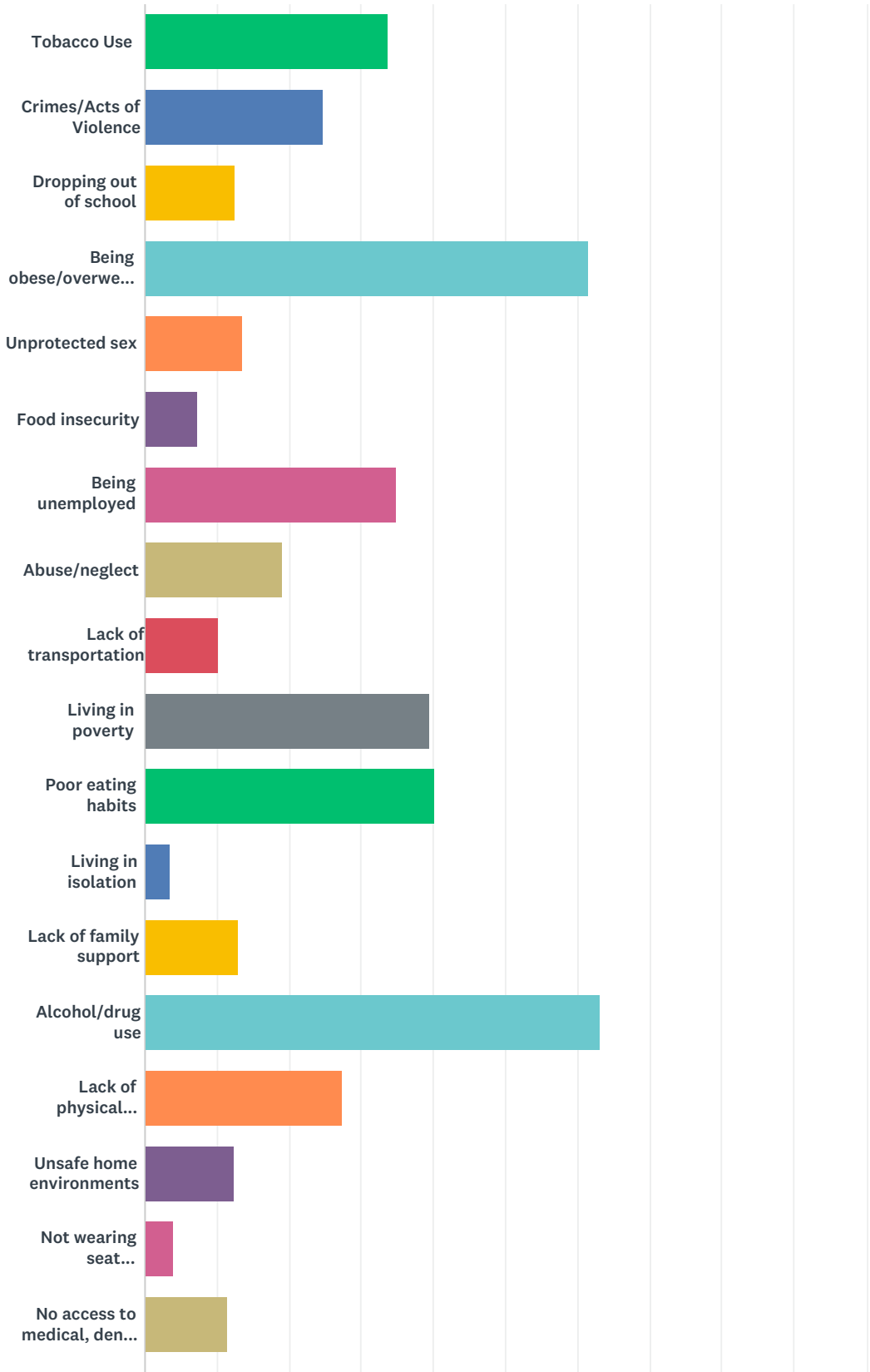
ANSWER CHOICES	RESPONSES	
Abuse (adult/elderly)	8.73%	83
Abuse (child)	19.14%	182
Alcohol/drug abuse	63.09%	600
Built Environment (trails, bike lanes, etc.)	10.52%	100
Cancer	37.75%	359
Communicable Disease	2.42%	23
Dental Health	9.88%	94
Diabetes	24.71%	235
Elderly Wellness	14.51%	138
Emergency Preparedness/Planning	5.47%	52
Environmental Health (air, eater, food safety, hazards)	5.57%	53
Heart Disease & Stroke	21.98%	209
High Blood Pressure	15.56%	148
Insufficient Sleep/Shift Work	11.15%	106
Lead Poisoning	1.89%	18

2018 Community Health Needs Assessment

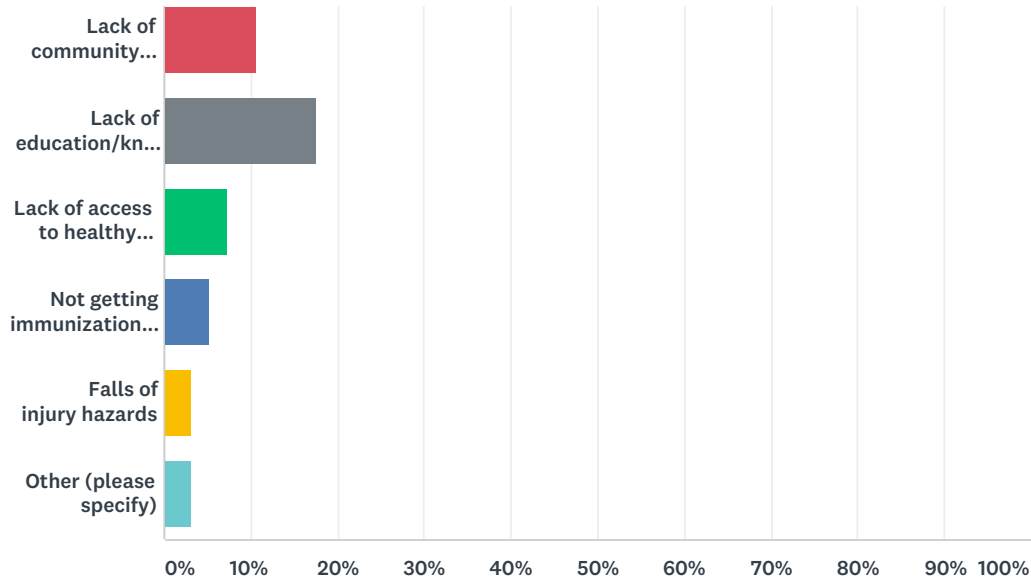
Lung Problems	4.42%	42
Mental Health	55.94%	532
Nutrition	12.09%	115
Obesity/overweight	56.15%	534
Physical Activity	15.67%	149
Prescription Drug Abuse	23.45%	223
Sexually Transmitted Diseases (STDs)	7.68%	73
Suicide	15.35%	146
Teen Births	10.83%	103
Tobacco Use	16.51%	157
Unintentional Injuries (accidents, falls, drowning, etc.)	3.26%	31
Veteran's Affairs (health, benefits)	10.62%	101
Violence	9.57%	91
Total Respondents: 951		

Q31 Please check up to FIVE items from the list below that you think have the greatest IMPACT on our overall health in Lee County.

Answered: 927 Skipped: 125



2018 Community Health Needs Assessment



ANSWER CHOICES	RESPONSES	
Tobacco Use	33.76%	313
Crimes/Acts of Violence	24.70%	229
Dropping out of school	12.51%	116
Being obese/overweight	61.49%	570
Unprotected sex	13.59%	126
Food insecurity	7.23%	67
Being unemployed	34.84%	323
Abuse/neglect	18.99%	176
Lack of transportation	10.25%	95
Living in poverty	39.48%	366
Poor eating habits	40.24%	373
Living in isolation	3.56%	33
Lack of family support	13.05%	121
Alcohol/drug use	63.21%	586
Lack of physical activity	27.51%	255
Unsafe home environments	12.41%	115
Not wearing seat belts/using helmets or protective gear	3.99%	37
No access to medical, dental or other health services	11.54%	107
Lack of community involvement/neighborhood support	10.68%	99
Lack of education/knowledge of available resources	17.58%	163
Lack of access to healthy foods	7.34%	68
Not getting immunizations/screenings to prevent disease	5.18%	48

2018 Community Health Needs Assessment

Falls of injury hazards	3.13%	29
Other (please specify)	3.24%	30
Total Respondents: 927		

Q32 List three ideas you would like to see that would improve the health of Lee County residents:

Answered: 464 Skipped: 588

ANSWER CHOICES	RESPONSES	
1.	100.00%	464
2.	89.44%	415
3.	75.22%	349

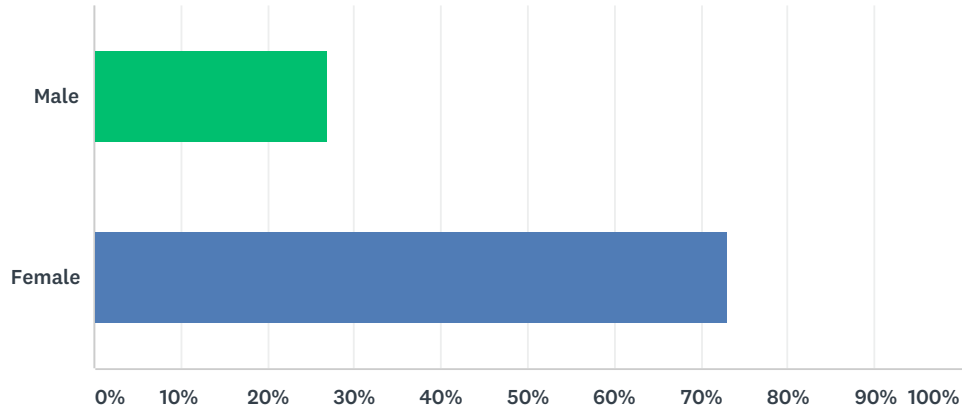
Q33 Residential Zip Code

Answered: 884 Skipped: 168



Q34 Sex

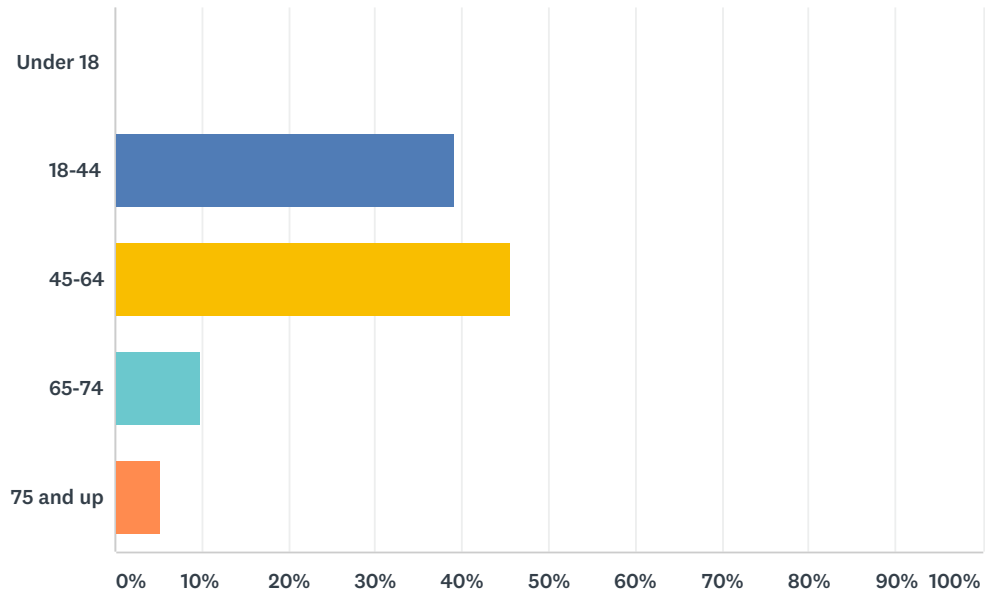
Answered: 921 Skipped: 131



ANSWER CHOICES	RESPONSES	
Male	27.04%	249
Female	72.96%	672
TOTAL		921

Q35 Age

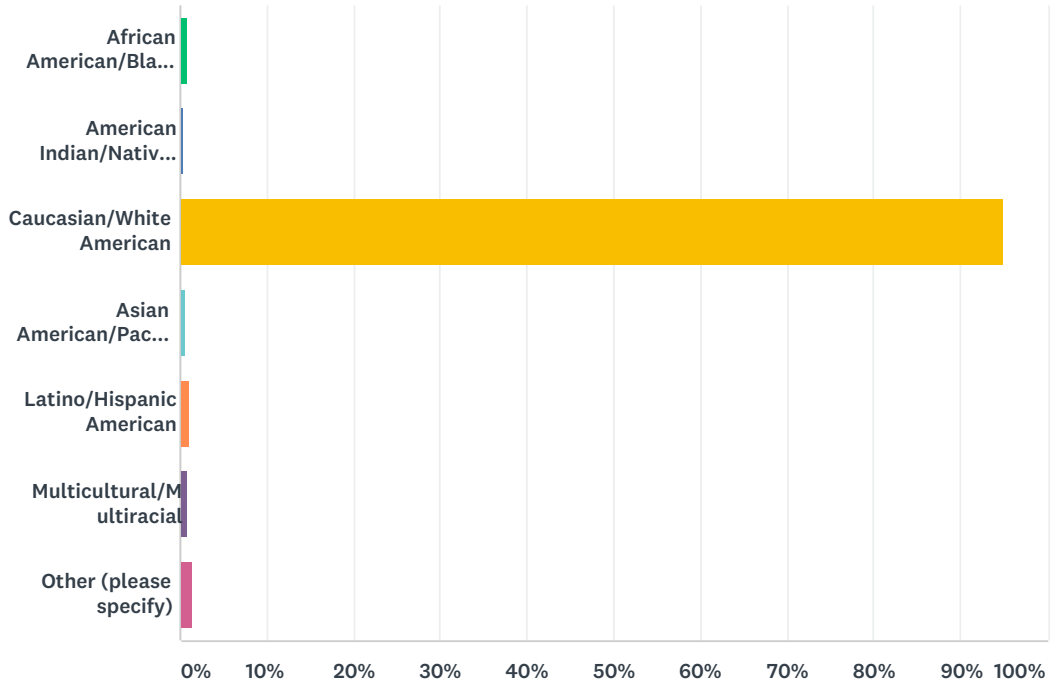
Answered: 924 Skipped: 128



ANSWER CHOICES	RESPONSES	
Under 18	0.11%	1
18-44	39.18%	362
45-64	45.67%	422
65-74	9.85%	91
75 and up	5.19%	48
TOTAL		924

Q36 Race/Ethnicity

Answered: 923 Skipped: 129

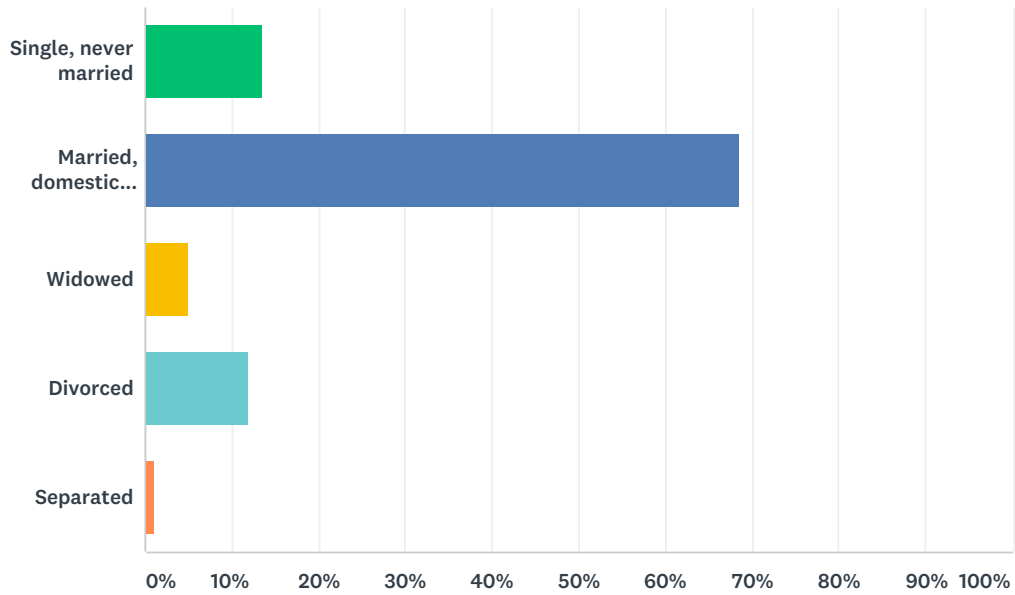


ANSWER CHOICES	RESPONSES	
African American/Black American	0.76%	7
American Indian/Native Alaskan	0.33%	3
Caucasian/White American	94.91%	876
Asian American/Pacific Islander	0.65%	6
Latino/Hispanic American	1.08%	10
Multicultural/Multiracial	0.87%	8
Other (please specify)	1.41%	13
TOTAL		923



Q37 Marital Status

Answered: 922 Skipped: 130



ANSWER CHOICES	RESPONSES	
Single, never married	13.56%	125
Married, domestic partnership	68.55%	632
Widowed	5.10%	47
Divorced	11.82%	109
Separated	0.98%	9
TOTAL		922

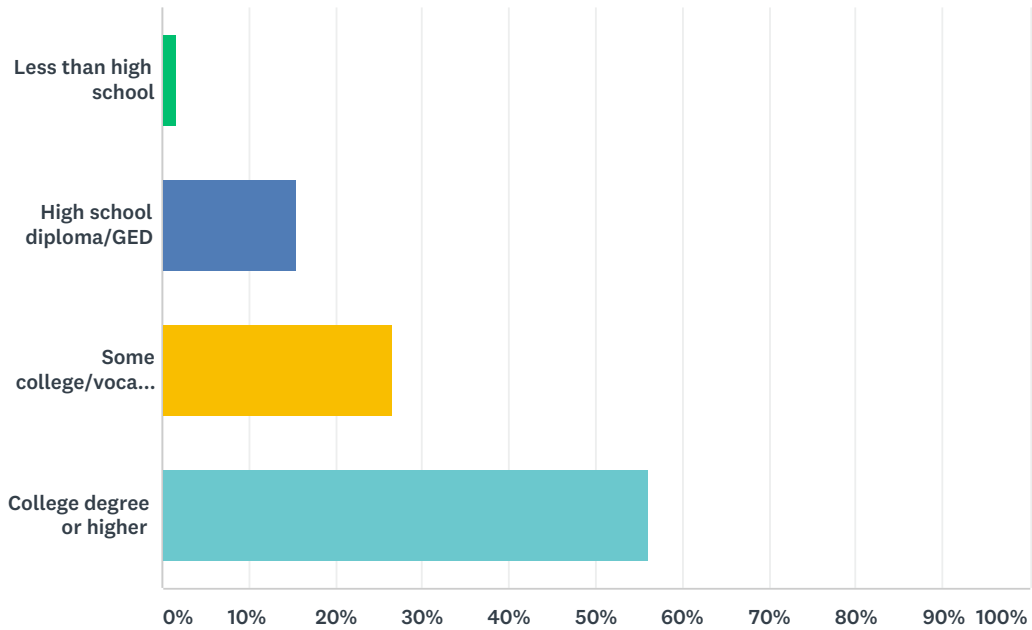
Q38 Number of children age 18 and under in your home.

Answered: 779 Skipped: 273



Q39 Education

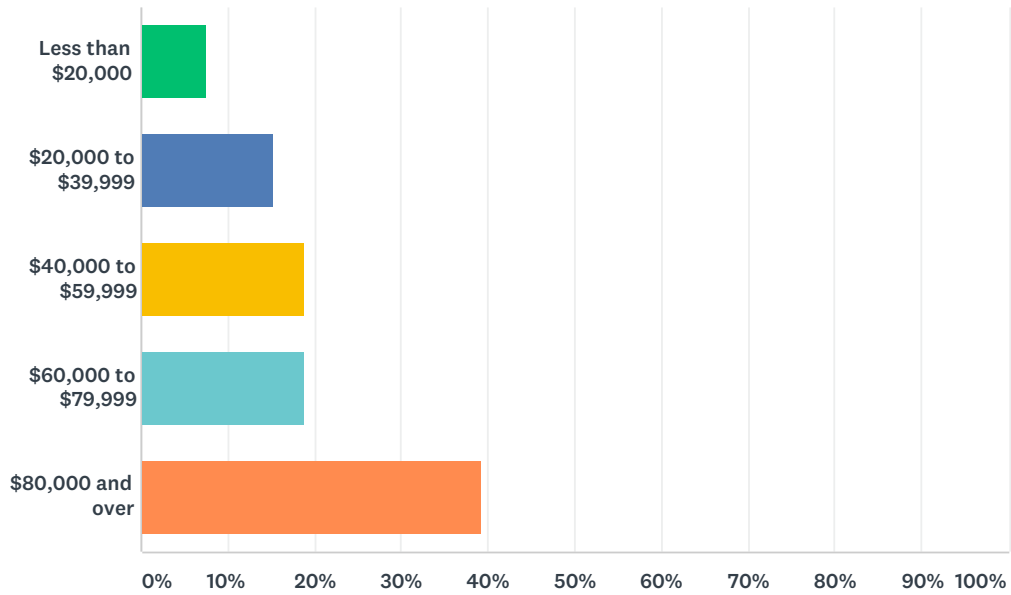
Answered: 918 Skipped: 134



ANSWER CHOICES	RESPONSES	
Less than high school	1.74%	16
High school diploma/GED	15.58%	143
Some college/vocational training	26.58%	244
College degree or higher	56.10%	515
TOTAL		918

Q40 Household Income

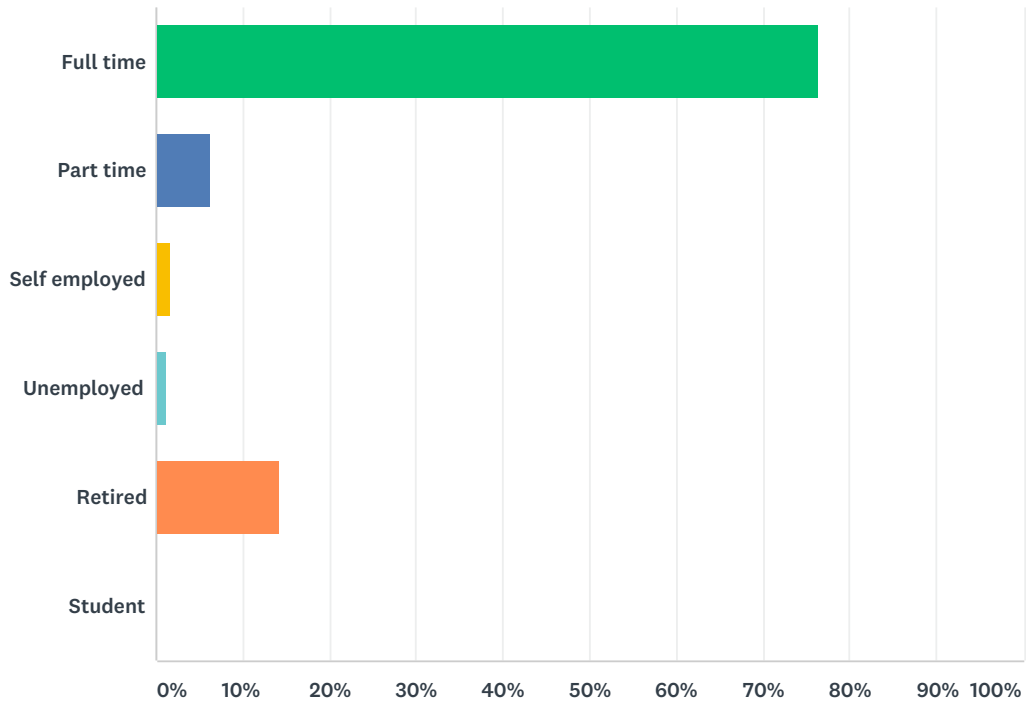
Answered: 883 Skipped: 169



ANSWER CHOICES	RESPONSES	
Less than \$20,000	7.59%	67
\$20,000 to \$39,999	15.29%	135
\$40,000 to \$59,999	18.91%	167
\$60,000 to \$79,999	18.80%	166
\$80,000 and over	39.41%	348
TOTAL		883

Q41 Employment

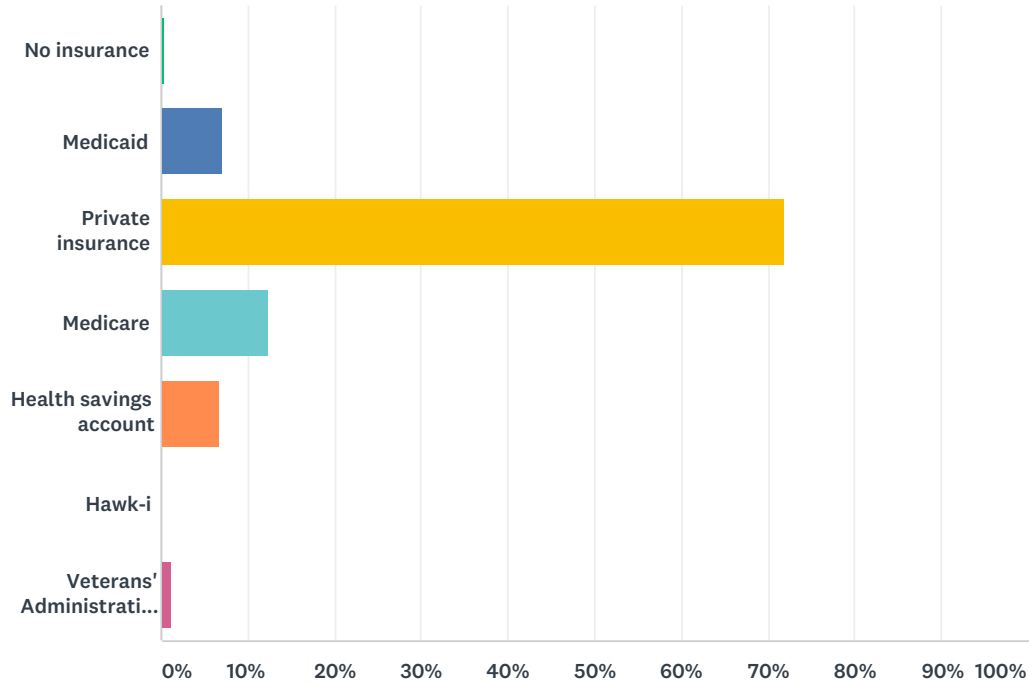
Answered: 926 Skipped: 126



ANSWER CHOICES	RESPONSES	
Full time	76.35%	707
Part time	6.26%	58
Self employed	1.73%	16
Unemployed	1.30%	12
Retired	14.15%	131
Student	0.22%	2
TOTAL		926

Q42 Healthcare Coverage

Answered: 851 Skipped: 201

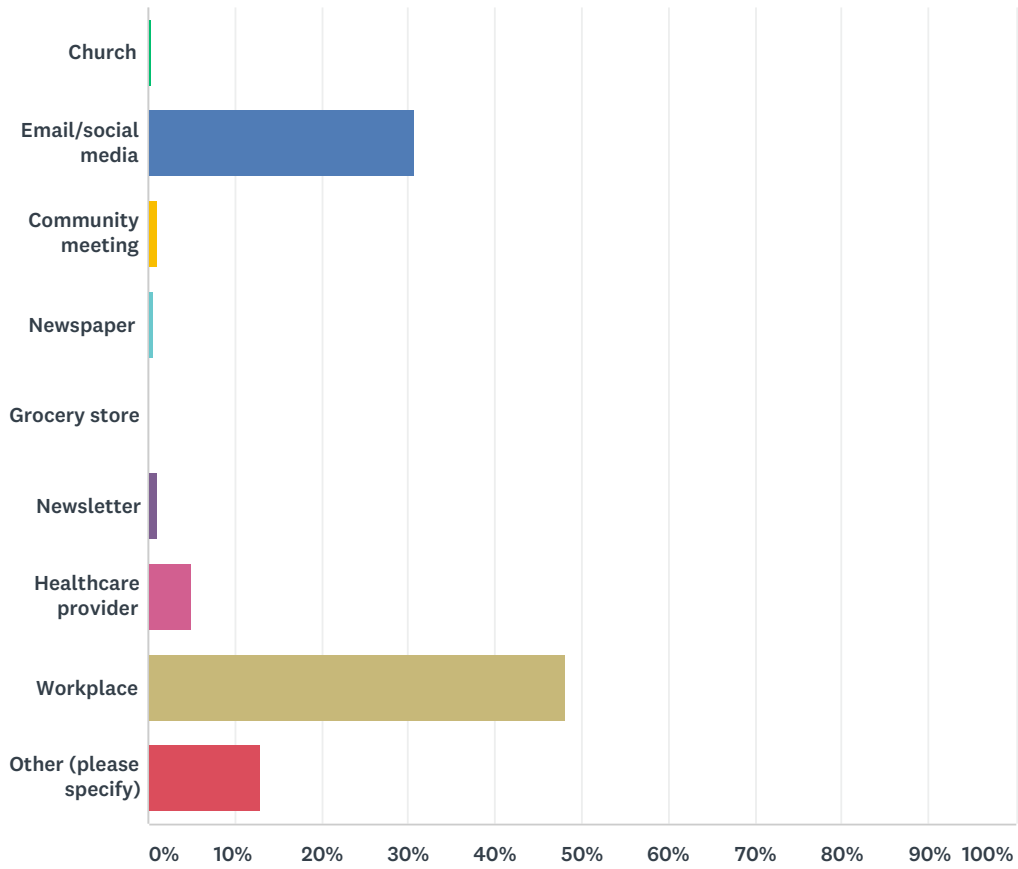



ANSWER CHOICES	RESPONSES	
No insurance	0.35%	3
Medicaid	7.05%	60
Private insurance	72.03%	613
Medicare	12.34%	105
Health savings account	6.70%	57
Hawk-i	0.24%	2
Veterans' Administration/Tri Care/Active Duty Military	1.29%	11
TOTAL		851



Q43 How did you get this survey?

Answered: 930 Skipped: 122



ANSWER CHOICES	RESPONSES
Church	0.32% 3
Email/social media	30.75% 286
Community meeting	1.08% 10
Newspaper	0.54% 5
Grocery store	0.22% 2
Newsletter	1.08% 10
Healthcare provider	4.95% 46
Workplace	48.17% 448
Other (please specify)	12.90% 120
TOTAL 	930

Q44 Additional Comments:

Answered: 75 Skipped: 977

Why do we complete a CHNA/HIP?

A county-wide collaboration lead by:

- **Board of Health/Lee County Health Department**
- **Fort Madison Community Hospital**
- **UnityPoint Health- Keokuk**

Purpose:

The Community Health Needs Assessment and Health Improvement Plan (CHNA&HIP) is an assessment of local health needs and report identifying goals and strategies to meet those needs. Every three years, our local county health board, in partnership with our hospitals, lead a community-wide discussion with residents, business owners, and community stakeholders regarding the public health issues of the community.

Outcomes:

- Increased community collaboration and engagement in improving the health of the county based on identified needs
- Focused community strategies with a written plan to address specific health needs with progress evaluated each year
- The assessment/plan can lead to additional grant funding and resources in the county to address our needs

2015-2018
CHNA/HIP

What have we
accomplished?

Healthy Lifestyles Taskforce (Live Healthy Lee County)- Emily Biddenstadt

- Senior Produce Box Project/Community Garden Projects and partnerships created with youth involvement
- PORT of Fort Madison – Phase I & II trail completed

Transportation Taskforce-Jamie Beskow

- Survey completed
- Promotion of SEIBUS/usage increased

Mental Health Taskforce-Ryanne Wood

- Standardized assessments have been identified and utilized for children 0-4, children 5-10, 11-17, and 18 and older related to diagnostic categories of need.

“Standardizing these assessments will assist in historical data of outcome achievement across the life of an individual by providing baseline and ongoing progress/regress. Because of this progress, individual treatment planning can become more targeted to specific need and ensure services are engaged in the least intrusive beneficial and dignified manner to the recipients”. Ryanne Wood, Taskforce Leader

Communication/Education and Motivation Taskforce-Michele Ross

- Veteran’s Health Fair-guest presenters and vendors provided education
- Health Promotion Messaging on-going

Community Wide Survey

- In April 2018, Lee County Health Department, Fort Madison Community Hospital and UnityPoint Health-Keokuk designed the survey using survey monkey and paper format for distribution.
- The survey was distributed May 2018 through August 2018 using email, newsletters, social media, websites and in person contacts with employees as well as consumers with participating organizations and worksites.
- Efforts were made to include all relevant age groups and demographics of our population in the county.
- 1050 Respondents participated in the survey!

Promote Healthy Behaviors and Improve Health Outcomes

Reduce obesity rates; preventable hospital stays due to chronic disease

Strategy 1-1.1

Increase participation in programs by raising awareness among local providers to help them become better educators on local opportunities.

1. Work with area agencies to keep resource guide up to date. **In process.**
2. Provide opportunity for area agencies to present to FMCH Case Managers to share with providers/clinic staff at huddles. **Due to COVID-19 pandemic we were not able to make this happen yet.**

Strategy 1-1.4

Continue to monitor and promote trail development and complete streets efforts in Lee County.

1. Maintain FMCH representation on the PORT (Promoting Outdoor Recreational Trails) committee. **FMCH continues to have a representative on the committee.**
2. Continue to provide monetary support for the continuation of trail development. **The GRHS-FMCH Community Health Foundation made a donation of \$1,500,000 to PORT for the continuation of trail development.**

Prevent or reduce teen births and STD's among youth/young adults.

Strategy 2-1.1

Provide education to targeted groups and locations.

1. Work with area schools (FMCSA, HTC, and CLSD) to make health care professionals available to speak to middle/high school students each semester. **Due to COVID-19 we were not able to go onsite to the schools during the past year.**
2. Continue to participate in high school health fairs to provide education. **We did participate pre-COVID shutdown in the high school health fair. Our infection preventionist presented on STD's.**
3. Develop and facilitate pre-teen parent & student boot camp - also would cover 3-1.4- at least once in the 3 year timeframe.

Strategy 2-1.2

Provide free access to condoms at key locations in the county.

1. Continue to distribute condoms in our Women's Center, ER and Main Clinic. **No change.**

Strategy 2-1.3

Utilize social media for education and outreach messaging.

1. Provide key messaging via Facebook 4x/year.

Prevent/reduce alcohol, tobacco and other drug abuse (ATOD) among our youth and adults (includes prescription drug abuse)

Strategy 3-1.4

Providers to educate patients on alternative treatments for prescription drugs; properly securing prescription medications from other household members/visitors, etc.

1. Provide annual Community Health Education with Pharmacists on Opioid use - **July 2019 first session. These were discontinued due to COVID-19. Looking to reinstate in 2022.**
2. Create protocol and education materials for patients.
3. Working with the FMCH Pain Committee -provide continuing education for health care professionals on alternative treatments and how to recognize addiction. **In process.**
4. Work with the area schools to identify and offer motivational speaker for students and parents to address these topics - act as presenting sponsor.
5. Promote prescription medication drop-off sites on FMCH social media, website and internal communication outlets.
6. Community Education Series with health professionals on addiction.

Improve the population's Mental Health and Well-being.

1. Continue to make mental health services available at FMCH. Outpatient mental health services continue to be offered. A new geriatric behavioral health unit is set to open July 1, 2021. This was delayed due to COVID-19

Promote Elderly Wellness

Improve the health, function and quality of life of older adults.

Strategy 1-1.1

Offer classes such as Matter of Balance, Stepping On, and Senior Fitness classes in key locations in the county every year.

1. Provide annual Stepping On class to community members. This was not offered due to COVID-19.
2. Re-instate Aquatic Therapy classes for Seniors. This was not offered due to COVID-19.

Strategy 1-2.2

Provide health management education and care coordination services to older adults i.e. chronic disease self-management, etc.

1. Continue to provide Community Health Education sessions -9x/year focusing more on chronic diseases- prevention, management, treatment options, etc. Put on hold due to COVID-19. Inpatient Geriatric Behavioral Health Unit set to open July 1, 2021.
2. Coordinate Cook with a Doc and Walk with a Doc programs- quarterly offerings - 2 Cook with a Doc and 2 Walk with a Doc per year. Put on hold due to COVID-19.

*Community
Action*
OF SOUTHEAST IOWA

**LEE COUNTY
INTERAGENCY
DIRECTORY
2020**

This can be found online at:

caofseia.org/resources/

Revised: 3/20

Community Action OF SOUTHEAST IOWA

**Is your life affected by poverty?
We're here to help.**

Programs may vary by center, have income guidelines, and may have limited funding available.

- Food Pantry
- (WIC) Special Supplemental Nutrition Program for Women, Infants and Children
- Low Income Home Energy Assistance Program (LIHEAP)
- Head Start
- Early Head Start
- Family Development and Self Sufficiency Program (FaDSS)
- Parents as Teachers (PAT)
- Preschool Scholarships
- Children's Bed Program
- Budget Counseling
- Employment Counseling
- Child and Adult Care Food Program (CACFP)
- Energy Crisis Assistance (Project Share)
- Furnace Repair and Replacement
- Clothing Assistance
- Disaster Assistance
- General Information and Referral
- Homeless Assistance
- Housing Assistance
- Emergency Rent and Utilities
- Senior Home Repair
- Medication Assistance Program (MAP)
- Rent Reimbursement Form Assistance
- Transportation Assistance
- Weatherization

More details on our website or contact your local center.

Community Action Centers
Burlington, Mt Pleasant, Ft Madison, Keokuk
Open weekdays 8:00 a.m. to 4:30 p.m.
Columbus Junction (open M, T, Th)



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ABUSE

Child Abuse Hotline - National

800-422-4453

Department of Human Services

933 Ave H, Ft Madison, IA 52627

(319) 372-3651

307 Bank St, Keokuk, IA 52632

(319) 524-1052

Monday – Friday, 8 am – 4:30 pm

To report child or dependent adult abuse in Iowa

800-362-2178

To report a change to Medicaid, Food Assistance or FIP

877-347-5678

Domestic Violence Intervention Program (DVIP)

319-520-0568

801 Main St, Ste 1D, Keokuk, IA 52631

Provides comprehensive domestic violence services. 24-hour crisis line, medical advocacy, legal advocacy, court advocacy support, individual counseling, referrals, protection orders, educational presentations, emergency cellular phones, domestic violence support group, pictures of injuries, agency training, volunteer and staff training.

24-Hour Crisis Line: 800-373-1043

Journey House, Transitional Housing

319-850-8699

Transitional housing for up to three months and supportive services for those who have experienced domestic violence.

1616 Dill St., Burlington, IA 52601

Prevent Child Abuse Iowa

515-244-2200 or 800-362-2178

505 Fifth Ave., Des Moines, IA 50309

Rape Victim Advocacy Program (RVAP)

319-541-9554

Monday – Friday, 9 am – 5 pm

1616 Dill St., Burlington, IA 52601

24-Hour Support, Advocacy & Referrals

RVAP Crisis Line: 800-228-1625

Iowa Sexual Abuse Hotline: 800-284-7821

Provides free, confidential and trauma-informed services, healing, support, education and advocacy for victims to all persons affected by sexual violence.

CHILD CARE

Child Care Resource & Referral of Southeast Iowa 855-244-5301
Provides listing of local quality childcare providers.
Website: iowaccrr.org/

Community Action of Southeast Iowa 319-753-0193
See back for locations.

Head Start Preschool & Early Head Start Childcare

Head Start and Early Head Start provide educational & social activities, nutritious meals and snacks and medical & dental screenings, at no cost, to qualifying low-income children ages 0 to five. Applications are taken year round. Pregnant mothers, homeless and foster families, and families that have children with disabilities are encouraged to apply.

Ft Madison 319-372-4471
Keokuk 319-524-6383

Department of Human Services 319-372-3651
933 Ave H, Ft Madison, IA,
307 Bank St, 319-524-1052
2134 Ave I, Ft Madison, IA
Child care cost assistance
<http://dhs.iowa.gov/childcare>
<http://ccmis.dhs.state.ia.us/ClientPortal/ProviderSearch.aspx>

CHILD DEVELOPMENT AND FAMILY SUPPORT

ActivStyle 800-651-6223 ext 3202
Children over four and on Medicaid. Children with disabilities may be eligible for diapers, pull-ups, liners and more under Iowa Medicaid with free home delivery. Website: www.activstyle.com

Child Health Specialty Clinics (CHSC) 641-682-8145
CHSC provides gap-filling clinical services, care coordination, and family to family support through wide array of special programs for children with special needs. Website: chsciowa.org/
609 Church St., Ottumwa IA 52501
Monday – Thursday, 8 am – 4:30 pm Closed on Fridays.

Child Support Recovery Unit 319-753-6322

409 N. 4th St., Ste. 2, Burlington, IA 52601

Coordinated Intake 319-372-5225

Connects children and families to support and home visiting resources. ext 3523

Cradle of Hope 319-986-5336

503 22nd St, Ft Madison, IA

Pregnancy Resource Center. Lower level of Living Hope

Church of the Nazarene. Ft Madison Location

503 22nd St, Thursday 10am - 5pm or by appointment

Disabilities & Community Services Office 319-372-5681

307 Bank St, Keokuk, IA

Serves clients that are mentally disabled, developmentally is abled, and/or have a mental illness.

Family Development and Self-Sufficiency (FaDSS) 319-753-0193

3433 Ave O, Ft Madison, IA 52627

220 S 22nd St, Keokuk, IA, 319-524-6383

Program to assist families who are participating in the Family Investment Program (FIP) achieve economic and social self-sufficiency.

Great Prairie AEA/Early ACCESS 319-753-6561

3601 West Avenue, Burlington, IA

Specialized services for children and students with diverse learning needs, including identification, diagnosis, planning, and therapies for those with disabilities.

Hetta Gilbert Foundation 319-759-7091

Michelle LeKander

Mechell62@msn.com

Assistance for children's medical needs. Prescriptions, glasses, dental, Dr. visits, shoes, and coats.

HOPES 319-372-5225

Healthy Families Iowa in-home parent education, ext 3523

prenatal, birth- 5 years. Provided by Lee County Health Department.

Informed Choices 319-208-9445

Burlington Clinic

1013 S Central Ave, Burlington, IA 52601

Phone answered 24 hrs/day.

Pregnancy testing, limited obstetrical ultrasound, STD risk assessments, STD testing, diagnosis & treatment, early prenatal care, information-abortion: procedures, risks, side effects, referrals for OB care and social services, adoption services, certified adoption liaisons and referrals for adoption services, abstinence education for middle & high school, post abortion recovery groups, & natural family planning education.

Iowa State University Extension and Outreach Lee County

319-835-5116

Connects parents to age appropriate resources like Just in Time Parenting and Science of Parenting

Lee County Health Department

800-458-6672

#3 John Bennett Drive, PO Box 1426, Ft Madison, IA

ext 3524

Maternal Child Adolescent Health

(WIC) Special Supplemental Nutrition Program for Women, Infants and Children - Community Action

319-209-2850

caofseia.org

Provides medical and nutritional assessments, education and supplemental foods for pregnant women, breast feeding and non-nursing mothers, infants and children up to 5 years old.

Young House Family Services

319-752-4000

400 S. Broadway, P.O. Box 845, Burlington, IA 52601

Monday – Friday, 8 am – 4:30 pm

Comprehensive array of services provided to individuals, children and families. Services include counseling services for individuals, families, couples, children and adolescents; Pediatric Integrated Health Home Program (PIHP), a free service for families with Medicaid benefits and have a child or children with emotional or behavioral health issues; Brief Intensive In-Home Services for children ages 6-17 without DHS or JCS involvement; Behavioral Health Intervention Services (BHIS) skills development services to children with disruptive behaviors connected to mental health needs; Early Parenting Intervention and Coaching (EPIC) for children ages 2-5 who are displaying behavioral issues; Adult and Adolescent Substances Abuse Program (ASAP), outpatient treatment for individuals experiencing struggling with drug or alcohol use.

DENTAL CARE FOR CHILDREN

Children's Dental Center 319-752-1444

409 Layne Dr, West Burlington, IA
Dr. Michael Mathews, referral required, ages 0-3

CHC-SEI Keokuk Clinic 319-524-5734

Keokuk, IA
Dental clinic

Community Health Centers SEI Inc. 319-752-5540

1706 W. Agency, West Burlington, IA
Dental clinic

Dental Clinic 319-752-5540

320 N 3rd St, Ste 516, Burlington, IA

Dr. Paul Kunch 319-372-3390

1605 Avenue E, Ft Madison, IA
Ages 3 and up

Lee County Health Department 800-458-6672

#3 John Bennett Drive, PO Box 1426, ext 3526
Ft Madison, IA I-Smile™

University of Iowa 319-335-7485

801 Newton, Iowa City, IA
College of Dentistry

DENTAL CARE FOR ADULTS

Community Health Centers SEI Inc. 319-752-5540

1706 W. Agency, West Burlington, IA
Dental clinic

CHC-SEI Keokuk Clinic 319-524-5734

Keokuk, IA
Dental clinic

Dental Clinic 319-752-5540

320 N 3rd St, Ste 516, Burlington, IA

University of Iowa
801 Newton, Iowa City, IA
College of Dentistry

319-335-7485

EMPLOYMENT AND EDUCATION

Adult Basic Education

Adult secondary education.
Includes classwork needed to complete the GED test.

866-722-4692
ext 5314

Adult Literacy Program

866-722-4692

CBIZ Center for Business

Cbiz.iowa.com, Elevateiowa.com

319-208-5375

English as a Second Language

Mt Pleasant center

866-722-4692
ext 5314

Experience Works, Inc

"Improving the lives of older people through training, community service and employment"

319-752-4364

FaDSS (Family Development Self-Sufficiency Program)

Community Action of Southeast Iowa
2850 Mt. Pleasant St., Ste. 108, Burlington, IA 52601
Program to assist families who are participating in the Family Investment Program (FIP) achieve economic and social self-sufficiency.

319-753-0193

GED Testing Program

Must complete class in ABE/ASE prior to testing.

319-385-8012
ext 5312

Goodwill Career Resource Center

1226 Main St, Keokuk, IA

The career center offers career exploration, assistance accessing community resources, computer and digital skill development, using online tools, interviewing and completing resumes and cover letters and job applications. The center will also coordinate job fair events to connect area employers with job seekers. No appointment is necessary and services are free to all. Hours of operation are Tuesday-Friday 1-5 pm and Saturdays 10-2 pm.

319-208-0292

Community Action of Southeast Iowa 319-753-0193
Central Office: Monday – Friday, 8:30 am – 4:30 pm
2850 Mt. Pleasant St., Ste. 108, Burlington, IA 52601
caofseia.org

Head Start & Child Development 319-753-0193
Programs provide educational & social activities, nutritious meals and snacks and medical & dental benefits at no cost to qualifying low-income children ages three to five.

Iowa Workforce Development 319-372-4412
933 Ave H, Ft Madison, IA
Employment listings, job skill classes, resume/application assistance.
Adult and youth employment programs.

Iowa@Work 319-753-1674
Youth, adult & dislocated worker programs. ext. 31453

Iowa Vocational Rehabilitation 319-753-2231
1000 N. Roosevelt,
Suite 7, Burlington, IA
Work with job candidates who have disabilities to reach their employment goals.

Manpower 319-753-1663
3101 Flint Hills Drive
Burlington, IA

Promise Jobs 319-753-1671
100 N Roosevelt, Burlington, IA
Training services for Iowa Works

Proteus, Inc 800-397-9675
Job training, healthcare and assistance to seasonal and migrant farmworkers.

Southeastern Community College 866-722-4692
357 Messenger Rd, Keokuk, IA 52632
1500 W Agency Rd, West Burlington, IA 52655 319-752-2731

Taske Force, Inc 319-524-8767
1013 Main St, Keokuk, IA
Southeastern Community college programs

Temp Associates 319-754-8857
1000 N. Roosevelt
Burlington, IA

Youth Works 319-313-1910
335 Messenger Road, Room 501, Keokuk, IA ext. 5308
Southeastern Community College, Ages 14-21

FINANCIAL/FOOD/HOUSEHOLD

American Red Cross 319-754-5496
2807 Summer St, Burlington, IA
Assistance with house fires, floods, winter storms, tornadoes.
Resources to help qualified military personnel.

Community Action of Southeast Iowa 319-372-4471
Eichacker Center, 3433 Avenue O, Ft Madison, IA
Marie Tallarico Center, 210 South 22nd St, Keokuk, IA 319-524-6383
Assistance with energy costs, food pantry, weatherization, housing,
employment counseling, budgeting, furnace repair, elderly home &
assistance, preschool scholarships, general information &
referral.caofseia.org

Call for an appointment.

Women, Infants and Children (WIC) 319-209-2850
Ft Madison Clinic, First Christian Church
608 10th St, Ft Madison, IA
Keokuk Clinic
St Paul United Church of Christ, 2030 Plank Road, Keokuk, IA

Community Services Office 319-372-5681
307 Bank St, Keokuk, IA
May include rent, medical, funeral and/or transportation assistance
The assistance is a “last resorts” funding.

Department of Human Services 319-372-3651
933 Ave H, Ft Madison, IA 888-381-6831
307 Bank St, Keokuk, IA 319-524-1052
Medicaid, food assistance, child and dependent adult welfare services.

End of Month Meals 319-372-1688
St. John’s United Church, 501 10th St, Ft Madison, IA

<u>First Christian Church</u>	319-372-4193
608 – 10 th St, Ft Madison, IA	
M,W,Th 9:00 – 12:30; T 9:00 – 4:30	
Rent, gas, electric, water, gas vouchers, food vouchers	
<u>Ft Madison United Methodist Church</u>	319-372-6426
510 – 9 th St, Ft Madison, IA	
Rent, as, electric, water, gas vouchers	
<u>Ft Madison Food Pantry</u>	319-372-8071
Mon,Wed, Fri 9-12 & 1-3, walk-in's welcome.	
<u>General Relief</u>	319-376-0042
By appointment	ext 3
<u>God's Way Christian Center</u>	319-524-8329
1629 Des Moines St, Keokuk, IA	
Soup kitchen, homeless shelter, hygiene, ministry, bread ministry, emergency grocery, clothing closet, assistance to Iowa City Hospital. Contact for hours of operation and availability.	
<u>Goodwill</u>	319-524-2525
226 Main St, Keokuk, IA	
Low cost clothing.	
<u>Holy Family Parrish</u>	319-372-2127
11 th & Ave E, Ft Madison, IA	
Utility help	
<u>Iowa State University Extension and Outreach Lee County</u>	319-835-5116
Provides finance programs that deal with basic money management, money and relationships and retirement and estate planning	
<u>Montrose Food Pantry</u>	319-463-5610
United Methodist Church	
Non-perishable foods, hygiene items, clothing	
2 nd and 4 th Fridays from 1-3pm	
No names or incomes are requested	
For urgent needs call Elaine at 319-463-5610	
Located at the corner of Second and Cedar Street, one block south of Casey's.	

Rural Development 319-986-5800
Grants for repairs – 62 years and up, homeowner. Low interest loans for low income family. Loans to purchase home at low and very low interest.

Salvation Army 319-372-2770
1415 Avenue M, Ft Madison, IA
31 South 30th St, Keokuk, IA 319-524-1144
Disaster services, emergency assistance/financial/seasonal services, family counseling, older adult services, camping activities, worship center/services, children, teens and adult Sunday school, women & men’s ministries, boys & girls club, character building programs, community recreation programs, provides meals.

Salvation Army Thrift Store 319-372-1613
927 1/2 Ave G, Ft Madison, IA

SEIA Regional Planning 319-753-5107
211 N Gear Ave, West Burlington, IA
Strengthening the abilities of local communities to meet their individual needs related to home ownership.

Seventh Day Adventist Church 319-372-3291
17th & Ave I, Ft Madison, IA
T 9:00 – 1:00, 1st Sunday of month 12:00 – 2:00 (Clothes give away)

SHARE Iowa 800-344-1107
Food packages, 50% retail savings. <http://shareiowa.com>

Tri-State Family Services 800-357-1991
Counseling, clothing and classes.

VA Home Front 877-424-3838
Help for vets with housing, jobs, health care, education, and more.

Victory Faith Church 319-372-8484
2359 – 53rd St, Ft Madison, IA
Utility and rent help

HEALTH SERVICES

Amerigroup Iowa, Inc.

800-600-4441

Email: iowamedicaid@amerigroup.com

Member Services Website: <https://providers.amerigroup.com/ia>

Child Health Specialty Clinics (CHSC)

641-682-8145

CHSC provides gap-filling clinical services, care coordination, and family to family support through wide array of special programs for children with special needs. Website: chsciowa.org/

609 Church St., Ottumwa IA 52501

Monday – Thursday, 8 am – 4:30 pm Closed on Fridays.

Healthy Kids in Iowa (Hawk-i)

800-458-6672

Free or low cost insurance, including dental insurance.

Iowa Department of Public Health

515-601-0142

1616 Dill St, Burlington, IA

Fax 515-725-1278

Division of behavioral health, bureau of HIV, STD and Hepatitis, rural outreach covers Lee County

Iowa Medicaid Providers:

UnitedHealthcare Community Plan

800-464-9484

Member Services:

TTY 711

Lion's Club

319-524-8833

1026 Main Street Keokuk, IA

Vouchers for glasses for those in need

My IA Condoms

www.MyIACondoms.org

Sexual health. Free condoms, have them delivered to your home or find where they are available in the community. Discover where STD testing is offered and other resources and supports.

IMMUNIZATIONS

Lee County Health Department

800-458-6672

#3 John Bennett Drive, PO Box 1426, Ft Madison, IA

ext 3507

4th Thursday of month, except for holidays.

12:00 pm – 5:30 pm

Trinity United Methodist Church, 2330 Plank Rd, Keokuk, IA

2nd Thursday of each month, except for holidays

12:00 pm – 4:30 pm

LEAD TESTING

Lee County Health Department

Capillary blood testing.

800-458-6672
ext 3507

VISION/HEARING SCREENING

American Eye Care

2235 Avenue L, Ft Madison, IA
2025 Main St, Keokuk, IA

319-372-2020

319-524-2020

Dr. Greenfield

3341 Main St
Keokuk, IA

319-524-3892

Dr. Larry Peck

716 Avenue G, Ft Madison, IA
1813 Main St, Keokuk, IA

319-372-2321

319-524-3651

Great Prairie AEA

Hearing and developmental screenings.

319-753-6561

InfantSEE

Public health program, local optometrists who provide a no-cost infant eye exam to infants, age 6 months – 1 year.

888-396-3937

Lions Club

2300 S. Duff Ave., Ames, IA 50010

In Burlington call Mike Zaiser at

Lions Clubs are working to end preventable blindness. Preschool vision screening. Assistance obtaining corrective lenses. iowalions@aol.com

515-232-2215

319-752-1361.

Tristate Eyecare Center

914 Avenue G, Ft Madison, IA

319-372-5181

HOSPITALS

Great River Medical Center

1221 S. Gear Ave., West Burlington, IA 52655

319-768-1000

Ft Madison Community Hospital

5445 Avenue O, Ft Madison, IA 52627

319-372-6530

<u>Keokuk Are Hospital</u>	319-524-4300
1603 Morgan St, Ste 3, Keokuk, IA	
<u>St. Luke's (Cedar Rapids)</u>	319-369-7211
1026 A Ave. NE, Cedar Rapids, IA 52406	
<u>University of Iowa Health Care</u>	319-356-1616
200 Hawkins Dr., Iowa City, IA 52242	
<u>Veterans Memorial Hospital</u>	319-338-0581 or 866-687-7382
601 Hwy 6 West, Iowa City, IA 52246	

HOUSING

<u>Bluff Apartments</u>	319-372-7272
5202 River Valley Rd, Ft Madison, IA 52627	
Income based housing. Must meet the guidelines.	
<u>Eagle Bluff Apartments</u>	319-376-1311
2803 Ave A, Ft Madison, IA 52627	
Income based housing for 62 & older or disabled/handicapped.	
<u>Emma Cornelis Hospitality House</u>	319-372-3983
2733 Ave N, Ft Madison, IA	
Temporary housing for those who are homeless.	
<u>Ft Madison Housing Authority</u>	319-372-6083
1102 48th St, Ft Madison, IA	
<u>Ft Madison Park Apartments</u>	319-376-1311
1125 – 48 th St, Ft Madison, IA 52627	
Income based housing for 62 & older or disabled/handicapped.	
<u>God's Way Christian Center</u>	319-524-8329
1629 Des Moines St, P.O. Box 962, Keokuk, IA	
Homeless shelter	

- Homeless Shelter** 319-754-6791
 123 N. Marshall St., Burlington, IA 52601
 We provide emergency shelter and support to those in need. We work with outside resources, work on personal goals and budget planning and provide most needs during their stay. Must have an Iowa ID and be willing to work. We do not take sex offenders or anyone with an active warrant. Funded by the community and United Way.
- Iowa Rental Locator** 877-428-8844
 Free service, funded by Iowa Finance Authority.
 iowahousingsearch.org
- Journey House, Transitional Housing** 319-850-8699
 Transitional housing for up to three months and supportive services for those who have experienced domestic violence.
 1616 Dill St., Burlington, IA 52601
- Keokuk Housing Authority** 319-524-4386
 111 S. 2nd St, Keokuk, IA
- Keokuk Park Apartments** 319-524-4176
 868 Johnson St Rd #H5, Keokuk, IA 52632
 Income based 2-3 bedroom units. No pets. Family based.
- Keokuk Senior Lofts** 319-774-1251
 925 Main St, Keokuk, IA 52632
 Income based housing for 55 years & up.
- River Terrace** 319-524-8856
 128 Bank St, Keokuk, IA 52632
 Income based housing for 62 years & older, or disabled.
- Southeast Regional Housing Authority** 319-753-5109
 218 N 3rd St, Ste 309, Burlington, IA 52601
 Rental assistance under section 8 housing choice voucher program
OUTSIDE of Burlington city limits, includes Des Moines, Henry, Lee, and Louisa Counties.
- Talbot Sober Living House** 319-795-6264
 810 Timea St, Keokuk, Iowa 52632
 Housing for men in recovery. Must be clean on arrival. Low-income apartments in Ft Madison & Keokuk.

VA Home Front 877-424-3838
Help for vets with housing, jobs, health, education & more.

Westport Terrace Apartments 319-313-8027
950 Johnson St Rd, Keokuk, IA 52632
Income based housing for 18 years & older.

LEGAL

Attorney Referral Services of the Iowa State Bar Association
www.iowafindalawyer.com 800-532-1108

Disability Rights IOWA 800-779-2502

Eight Judicial District
811 Ave G, Ft Madison, IA 319-372-6678
1508 Morgan St, Keokuk, IA Fax 319-372-6682
319-524-6591
Fax 319-524-6595
Juvenile Court Services
710 Avenue F, Ft Madison, IA

Iowa Legal Aid 800-532-1275
Southeast Iowa, 112 East 3rd St, Ottumwa, IA

Iowa State Public Defender 319-753-5163
216 S. 3rd St., Burlington, IA 52601
Monday – Friday, 8 am – 4:30 pm

Lee County Sheriff 319-372-1152
2530 – 255th St, Montrose, IA

State Attorney General 515-281-5926 or 888-777-4590
Consumer Protection Division
www.iowaattorneygeneral.org

LIBRARIES

Donnellson Public Library 319-835-5545
411 Main St, Donnellson, IA

<u>Ft Madison Public Library</u> 1920 Avenue E, Ft Madison, IA	319-372-5721
<u>Keokuk Public Library</u> 210 N. 5th St, Keokuk, IA	319-524-1483
<u>Montrose Public Library</u> 200 Main St, Montrose, IA	319-463-5532
<u>Southeastern Community College Public Library</u> 210 N. 5th St, Keokuk, IA	319-524-1483
<u>West Point Public Library</u> 317 5 th St, PO Box 236, West Point, IA	319-524-1483

MEDICAL

<u>Advanced Home Health Care</u> 1603 Morgan St, Ste 8, Keokuk, IA	319-524-2144
<u>Community Health Centers of SE Iowa</u> 400 N 17th St, Keokuk, IA – General Health 1620 Main St, Keokuk, IA – Dental	319-524-5734
<u>Dr. William Schulte, M.D</u> 1603 Morgan St, Suite 6, Keokuk, IA	319-524-7444

Family Planning Clinic 319-768-1225
801 S. Roosevelt Avenue, Suite C, Burlington, IA
Affordable Reproductive Health Services
Well-woman and well-man examinations, Birth control methods on site,
Pap smears and breast exams, Sexually transmitted disease testing and
treatment, Urinary tract and vaginal infection testing and treatment,
Pregnancy testing, Rapid HIV testing.
All services are confidential. Clinic fees are based on income, and no one
is denied services based on their ability to pay. Most major insurance
plans accepted.
Same day appointments available. Hours: 10 AM - 6 PM Monday,
Tuesday and Thursday. 8 AM - 1 PM Friday. Open Wednesday 1 PM - 5
PM for supplies only.
All services are provided by a nurse practitioner specializing in birth
control and STIs.

<u>Ft Madison Community Hospital</u> 5409 Ave O, Ft Madison, IA	319-372-6530
<u>Unity Point Health</u> 1600 Morgan St, Keokuk, IA	319-524-7150
<u>QMG</u> Primary Care Prompt Care OCC Health 1603 Morgan St, Keokuk, IA	319-524-4300
<u>Keokuk Medical Center</u> 1414 Main St, Keokuk, IA	319-524-6311
<u>Lee County Health Department</u> #3 John Bennett Drive, PO Box 1426, Ft Madison, IA Maternal Child Adolescent Health	800-458-6672 ext 3524
<u>My Care Walk-In Clinic</u> 5409 Ave O, Suite 1, Ft Madison, IA M - F 10 am - 6 pm, Sat 8 am - 2 pm	319-376-2134
<u>Physicians & Surgeons</u> 5409 Ave O, Ft Madison, IA	319-376-2134
<u>Social Security Administration</u> 3920 Division St, Burlington, IA	800-772-1213
<u>The Women's Center</u> 5409 Ave O, Suite 122, Ft Madison, IA	319-376-2400

MENTAL HEALTH & DISABILITY RESOURCES

<u>Counseling Associates, Inc.</u> 1014 Ave H, Suite #1, Ft Madison, IA 1522 Morgan St, Keokuk, IA	319-372-7689 319-524-0510
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Disabilities Rights Iowa 800-779-2502

Disabilities & Community Services Office 319-372-5681
307 Bank St, Keokuk, IA 319-376-0042
Coordinates services for persons with mental illness, and disabilities.

Families First Counseling Services 888-316-3025
560 N. Division St, Ste 270, Burlington, IA
Title 19/Private pay.

Ft Madison Community Hospital 319-376-1130
5409 Ave O, Ste 125, Ft Madison, IA
Psychiatry

Great Prairie AEA 319-753-6561
Developmental screenings. Autism specialist. Challenging behavior
specialist.
Keokuk office 319-524-2682

Grinstead and Associates 319-754-8035
610 N. 4th St, River Park Place, Ste. 110A, Burlington, IA 52601
Individual, family counseling, group couple therapy, etc.
counselinginfo@ogpassociates.com

Hope Haven 319-754-4689
1819 Douglas St, Burlington, IA 52601
Can Redemption: Monday – Friday, 9 am – 4pm
Hopefully Yours Thrift Store: Monday – Friday, 9:30 am – 5 pm
Saturday, 9:30 am – 4 pm
Organization provides rehabilitation, employment, housing, & case
management services for physically and mentally challenged persons.
605 – 7th St, Ft Madison, IA 319-372-7555
Drop in center & services
For services in Keokuk, call or visit the Ft Madison location.

Iowa Crisis Counseling Helpline 800-332-4224

Iowa Vocational Rehabilitation 319-753-2231
1000 N. Roosevelt, Suite 7, Burlington, IA
Work with job candidates who have disabilities to reach their
employment goals. For services in Keokuk, call the Burlington office.

Lee County Health Department 800-458-6672
#3 John Bennett Drive, PO Box 1426, Ft Madison, IA ext 3524
Maternal and Child Health 0-21 years of age. Screenings and home visits.

Mid-Iowa Family Therapy Clinic, Inc., Institute for Therapy and Psychological Solutions, LLC 319-208-1280
205 Washington St, Suite 200, Burlington, IA
Play therapy services offered.

NAMI Great River Area Support Groups 319-750-2220
P.O Box 515, West Burlington, IA
Mental health support and information.

Optimae Life Services 319- 372-3566
509 Avenue F, Ft Madison, IA
Individual counseling, couples counseling, family and children’s counseling, psychiatry, psychiatric evaluations, individual community support services, respite services, day program, intensive services, and waiver home services.
elybarger@optimaelifeservices.com

Pediatric Integrated Health Home 319-752-4000
400 S Broadway, Burlington, IA
Must have Title 19 and Mental Health Diagnosis.

Special Needs Foundation 319-752-8711
829 Harrison Ave., Burlington, IA
Monday, Wednesday, Friday, 10 am – 2 pm

Social Security Office 800-772-1213 or 866-338-4183
3920 Division St., Burlington, IA 52601
Monday – Friday, 9 am – 3:30 pm Except Federal Holidays.

U of I Children’s Hospital 877-686-0031
100 Hawkins Drive, Iowa City, IA
Center for disabilities and development.

Veterans Adm. Medical Center 866-687-7382 or 319-338-0581
601 Hwy 6 West, Iowa City, IA 52246
The Iowa City Department of Veterans Affairs Health Care System is a comprehensive tertiary health care center, teaching hospital, and research

facility. Referrals are accepted from VA Medical Centers throughout the nation for complex diagnostic and treatment modalities. The Iowa City facility is known for a wide range of specialized medical programs. It has a strong and effective affiliation with the University of Iowa, College of Medicine. The Medical Center operates 83 beds, including 43 medicine/neurology beds, 25 surgery, 10 intensive care beds, and 15 psychiatry beds.

Young House Family Services

319-752-4000

400 S. Broadway, P.O. Box 845, Burlington, IA 52601

Monday – Friday, 8 am – 4:30 pm

Comprehensive array of services provided to individuals, children and families. Services include counseling services for individuals, families, couples, children and adolescents; Pediatric Integrated Health Home Program (PIHP), a free service for families with Medicaid benefits and have a child or children with emotional or behavioral health issues; Brief Intensive In-Home Services for children ages 6-17 without DHS or JCS involvement; Behavioral Health Intervention Services (BHIS) skills development services to children with disruptive behaviors connected to mental health needs; Early Parenting Intervention and Coaching (EPIC) for children ages 2-5 who are displaying behavioral issues; Adult and Adolescent Substances Abuse Program (ASAP), outpatient treatment for individuals experiencing struggling with drug or alcohol use.

SENIOR ASSISTANCE

Alzheimer’s Association

800-272-3900

PO Box 548, West Burlington, IA 52655

We have a variety of services in person, virtual, phone and online to offer the community. All service information, educational opportunities, support group information etc. is located on our website at alz.org or by calling, which is answered by a live person 24/7 to assist callers.

Community Action of Southeast Iowa

319-372-4471

See the back cover for contact information.

Rental assistance, utility assistance, food, furnace, home repair, information and referral. caofseia.org

Donnellson Health Center

319-835-5621

901 State St, Donnellson, IA

Heritage Senior Center 319-524-5464
508 Main St, Keokuk, IA

Milestones Area Agency on Aging 319-752-5433
509 Jefferson St., Burlington, IA 52601
Monday – Friday, 8 am – 4:30 pm
Information and referrals, senior nutrition, family caregiver programs, counseling, wellness and safety, elder rights and abuse prevention, older worker employment program. Services for those with disabilities, veterans, and family caregivers.

Newberry Center 319-372-3147
728 Ave G, Ft Madison, IA
Congregate and delivered meals.

RSVP Of Lee County (United Way Resource Center) 319-372-8043
3421 Ave L, Ft Madison, IA
Ftmadisonrsvp@gamil.com
Matches interests of people over 55 with rewarding part-time volunteer opportunities for community service through local non-profit and public agencies.

Rural Development 319-986-5800
Grants for repairs – 62 years and up, homeowner. Low interest loans for low income families. Loans to purchase home at low and very low interest.

Social Security Office (no local #) 800-772-1213 or 866-338-4183
3920 Division St., Burlington, IA 52601
Monday, Tuesday, Thursday, and Friday, 9 am – 3 pm
Wednesday, 9 am – 12 pm

Salvation Army 319-372-2770
1415 Avenue M, Ft Madison, IA
31 South 30th St, Keokuk, IA 319-524-1144
Disaster services, emergency assistance/financial/seasonal services, family counseling, older adult services, camping activities, worship center/services, children, teens and adult Sunday school, women & men's ministries, boys & girls club, character building programs, community recreation programs, provides meals.

SENIOR LIVING

<u>Eagle Bluff Apartments</u> 2803 Ave A, Ft Madison, IA Low income housing for seniors	319-376-1311
<u>Ft Madison Housing Authority</u> 1102 – 48 th St, Ste 1, Ft Madison, IA Low income housing for seniors	319-372-6083
<u>Keokuk Housing Authority</u> 111 S 2 nd St, Keokuk, IA Low income housing for seniors	319-524-4386
<u>The Kensington Assisted Living Facility</u> 2210 Ave H, Ft Madison, IA	319-372-4233
<u>Kings Daughters and Sons Retirement Home</u> 628 S. Leebrick St, Burlington, IA	319-752-6683
<u>Mississippi Valley, Senior Wellness & Rehabilitation Center</u> 500 Messenger Rd, Keokuk, IA	319-524-5321
<u>The Madison</u> 1702 – 41 st St, Ft Madison, IA Special Care Unit (Alzheimer’s Unit), Respiratory Care available. Rehabilitation Therapy, Physical Therapy, Occupational Therapy & Speech Therapy.	319-372-8021
<u>Montrose Health Center</u> 400 S 7 th St, Montrose, IA	319-463-5438
<u>River Hills Village</u> 20 Village Circle, Keokuk, IA	319-524-5772
<u>River Terrace Apartments</u> 128 Bank St, Keokuk, IA	319-524-8856
<u>SunnyBrook Assisted Living</u> 5025 River Valley Rd, Ft Madison, IA	319-372-8611

West Point Care Center
607 N 6th St, West Point, IA

319-837-6117

SUPPORT/PREVENTION & SUBSTANCE ABUSE

(ADDs) Alcohol and Drug Dependency Services of Southeast Iowa

319-753-6567

1340 Mt. Pleasant St, Burlington, IA

928 Main St, Keokuk, IA

319-524-4397

Substance related and gambling addiction counseling. Prevention and education services to schools and community groups. Call for a listing of local AA/NA groups.

Celebrate Recovery

319-237-8400

1602 Ave F, Ft Madison, IA

ext 301

A Christ Centered Recovery Program

Tues 6:30 meal, 7:00 program. Childcare provided for 0-3 year olds.

Child Abuse Prevention Council of Lee County

319-316-2812

Child & Dependent Adult Abuse Hotline

800-362-2178

Community Partnerships for Protecting Children

319-385-8126

127 N. Main St, Mt Pleasant, IA

Counseling Associates, Inc.

319-372-7689

1014 Ave H, Suite #1, Ft Madison, IA

1522 Morgan St, Keokuk, IA

319-524-0510

Daily Bread Recovery Center

319-752-8368 or 319-470-8905

Christian based residential recovery center for men. Burlington.

Domestic Violence Intervention Program

800-373-1043

801 Main St, Ste 1D, Keokuk, IA

319-520-0568

Crisis support hotline, emergency shelter, advocacy, and youth services.

Effie Sue House

319-208-1521

909 Court St, Burlington, IA

Aftercare/transitional living program. Requires 30 days sobriety.

Contact for an application.

Ft Madison Community Hospital 319-376-1130
5409 Ave O, Ste 125, Ft Madison, IA

Iowa Domestic Violence Hotline 800-942-0333
24 Hour Hotline

Iowa Sexual Abuse Hotline 800-284-7821

Milestone Family Caregiver Support Program 319-752-5433
509 Jefferson St, Burlington, IA ext 508

(NAMI) National Alliance on Mental Illness 319-750-2220
319-371-1959
namigreatriverarea@gmail.com 319-392-4016
NAMI Great River Area information and support groups for people with mental illness and their loved ones.

Rape Crisis Line 800-228-1625

Rape Victim Advocacy Program 319-541-0963
801 Main St, Suite 1B, Keokuk, IA

Talbot Sober Living House 319-795-6264
810 Timea St, Keokuk, Iowa 52632
Housing for men in recovery

Young House Family Services 319-752-4000
400 S. Broadway, P.O. Box 845, Burlington, IA 52601
Monday – Friday, 8 am – 4:30 pm
Comprehensive array of services provided to individuals, children and families. Services include counseling services for individuals, families, couples, children and adolescents; Pediatric Integrated Health Home Program (PIHP), a free service for families with Medicaid benefits and have a child or children with emotional or behavioral health issues; Brief Intensive In-Home Services for children ages 6-17 without DHS or JCS involvement; Behavioral Health Intervention Services (BHIS) skills development services to children with disruptive behaviors connected to mental health needs; Early Parenting Intervention and Coaching (EPIC) for children ages 2-5 who are displaying behavioral issues; Adult and Adolescent Substances Abuse Program (ASAP), outpatient treatment for individuals experiencing struggling with drug or alcohol use.

TRANSPORTATION

Amerigroup Iowa (Logisticare) 844-544-1389
Mileage reimbursement or non-emergency Medicaid transportation.

FMCH Van Services 319-376-2227
Transportation for doctor/hospital visit. Must schedule ride.
Available in Ft Madison, Donnellson, Montrose, and West Point;
Mon-Fri

Iowa Totalcare Transportation Services 833-404-1061

SEIBUS (Public Transportation) 866-753-5107
Providing Public Transit Service for Southeast Iowa including Lee,
Henry, Louisa and Des Moines Counties. From these counties to Iowa
City as well. Curb to Curb service available to general public and those
with disabilities (Wheelchair Accessible)
Call at least 24 hours in advance for reservations
www.seirpc.com

Trailways
629 Blondeau St, Keokuk, IA 319-524-6782
5002 Ave O, Ft Madison, IA 800-992-4618

VETERANS

American Legion
727 Main St, Keokuk, IA 319-524-7831
309 – 5th St, West Point, IA 319-837-6711
103 S Front St, Farmington, IA 319-878-3908

Lee County Veterans Affairs 319-372-5853
933 Ave H, Ft Madison, IA

Veteran’s Assistance at Iowa Workforce 319-753-1671 ex31411

Veteran’s Homelessness Assistance 877-424-3838

Veterans Memorial Hospital 319-338-0581 or 866-687-7382
601 Hwy 6 West, Iowa City, IA 52246
Provides a comprehensive tertiary health care center, teaching hospital,
and research facility. Referrals are accepted from VA Medical Centers

throughout the nation for complex diagnostic and treatment modalities. It has a strong and effective affiliation with the University of Iowa, College of Medicine.

INFORMATION HELP LINES

211 Resource & Referral

Information	2-1-1
AIDS Hotline	IOWA 800-232-4636
AIDS Hotline	IOWA-Spanish 800-344-7432
Alcoholism & Drug Dependence	800-622-2255
Alcohol – Drug Treatment Referral Network	800-996-3784
Alzheimer’s Association	800-272-3900
Alzheimer’s & Related Disorders	800-272-3900
American Cancer Society	800-227-2345
American Heart Association	800-242-8721
American Lung Association of Iowa	800-586-4872
AnswerLine	800-2623804
Bets Off	800-586-4872 (800) BETSOFF
Better Business Bureau	563-355-6344 or 515-243-8137
Bureau of Vital Statistics	515-281-4944
CDC Workplace Safety and Health Topics	800-232-4636
Center for Missing & exploited Children, National	800-843-5678
Center for Substance Abuse Prevention, Workplace	Helpline 800-662-4357 or 800-967-5752

Child Abuse Council	309-736-7170
Child Abuse Hotline, National	800-422-4453
Child Care Resource Referral	866-324-3236 or 563-324-3236
Child Support Recovery Unit	800-586-4872
COMPASS, Iowa (for disabled and their families)	800-779-2001
Cybertip Hotline (exploitation of children on internet & missing children)	800-843-5678
DHS Keokuk	319-524-1052
DHS Ft Madison	319-372-3651
DNA Diagnostics – DNA Testing (Paternity Testing) ...	800-362-2368
Domestic Abuse Hotline	800-799-7233
Equal Opportunity Employer	800-669-4000
Families Extension Answer Line (ISU – home and family questions)	800-262-3804
Foundation II Crisis Line, 24 hours (full service crisis line)	800-332-4224
Gambling Hotline	800-238-7633
Healthy Families (prenatal health care)	800-369-2229
Insurance Commissioner of Iowa	877-955-1212
Internal Revenue Service (IRS – Federal Income Tax Info)	800-829-1040
Iowa Concern Hotline (help with legal issues, crisis/disaster, overcoming adversity, stress, and financial concerns) www.extension.iastate.edu/iowaconcern.....	800-447-1985

Iowa Family Caregiver	866-468-7887
Iowa – Illinois Safety Council	515-276-4724 or 800-568-2495
Iowa Occupational Safety & Health Division of Labor	515-281-5387 or 800-562-4692
Iowa Office of Consumer Affairs	855-622-4692
Iowa OSHA	515-281-8066 or 515-284-4794
Iowa Substance Abuse Information Center	866-242-4111
IOWA Weather & Road Conditions	800-288-1047
http://hb.511ia.org/main.jsf	
Lead Poisoning	800-972-2026
Legal Aid	800-272-0008
Medicare/Social Security Office	800-772-1213
Medicare Hotline	800-633-4227
Mold questions	515-281-8561
Narcotics Hotline (report suspected meth labs)	800-532-0052
National Crisis Hotline	800-521-7128
National Safety Council	800-621-7615
National Youth Crisis Hotline	800-448-4663
Poison Control Center	515-281-8561
Rape, Abuse, & Incest National Network (RAINN)	800-656-4673
Sexual Abuse Hotline	800-284-7821
Social Security Hotline and Administration	866-338-4183

Social Security Disability (SSDI) Info.....866-338-4183

Suicide Lifeline.....800-273-8255

Supplemental Security Income (SSI).....866-338-4183

Substance Abuse Center IOWA.....866-242-4111

TMS (Transportation Management Group).....866-572-7662

Teen Line.....800-443-8336

University of Iowa Hospitals & Clinics.....800-777-8442

Veteran Services – Ft Madison.....319-372-5853

Veteran Services - Keokuk.....319-524-7831

Weather & Road Information

Iowa Department of Transportation Travelers Info...800-288-1047

Do you need help with your heating bill?

Community Action of Southeast Iowa is taking applications for the elderly and disabled from 10/01/18 and all others from 11/01/18 through 04/30/19 for the Low-Income Home Energy Assistance Program (LIHEAP).

Eligibility for participation is established according to the following Federal Household Income Guidelines.

Household Size	Annual Income	One Month Income
1	\$ 1,821	\$ 21,858
2	\$ 2,466	\$ 29,593
3	\$ 3,110	\$ 37,328
4	\$ 3,755	\$ 45,063
5	\$ 4,399	\$ 52,798
For each additional member	Add \$644	Add \$7,735

YOU WILL NEED TO TAKE THE FOLLOWING WHEN YOU APPLY:

- Proof of income: 2018 or 2019 Federal Tax Return (pages 1&2). If you have not filed your 2019 tax return, we can take your last 30 days of all income.
- Current heating bill or propane vendor bill.
- Current electric bill.
- **PROOF** of Social Security numbers are **REQUIRED** for all household members.

Where to call for your appointment:

Des Moines County	Des Moines County Center....319-753-2893
Henry County	Tolson Center.....319-385-2310
Louisa County	Community Action Center....319-728-2314
North Lee County	Eichacker Center.....319-372-4471
South Lee County	Marie Tallarico Center319-524-6383

This program is designed to pay a portion (not the total) of a household's energy costs. Eligibility is determined by several factors including: total household income, household size, dwelling type, type of heating fuel, among others

¿Necesita ayuda con su factura de la calefacción?

Community Action of Southeast Iowa se está llevando a las solicitudes de las personas mayores y personas con discapacidad desde 10/01/19 y todos los demás de 11/01/19 a través 04/30/20 para el Programa de Hogares de Bajos Ingresos de Asistencia de Energía (LIHEAP).

La elegibilidad para la participación se establece de acuerdo a las siguientes pautas federales de ingresos del hogar.

Tamaño del Hogar	Ingresos Uno Meses	Ingresos anuales
1	\$ 1,821	\$ 21,858
2	\$ 2,466	\$ 29,593
3	\$ 3,110	\$ 37,328
4	\$ 3,755	\$ 45,063
5	\$ 4,399	\$ 52,798
For each additional member	Add \$644	Add \$7,735

YOU WILL NEED TO TAKE THE FOLLOWING WHEN YOU APPLY:

- Comprobante de ingresos de las últimas 4 semanas o la más reciente declaración de impuestos (2018 o 2019).
- Factura de calefacción más reciente o propano vendedor.
- Factura de electricidad reciente.
- **PRUEBA** de los números de Seguro Social que son **Requeridos**.

Donde llamar para hacer una Cita

Des Moines County	Des Moines County Center....319-753-2893
Henry County	Tolson Center.....319-385-2310
Louisa County	Community Action Center....319-728-2314
North Lee County	Eichacker Center.....319-372-4471
South Lee County	Marie Tallarico Center.....319-524-6383

Este programa está diseñado para pagar una parte (no total) de los costos de energía de un hogar. La elegibilidad es determinada por varios factores, entre ellos: el ingreso total del hogar, tamaño del hogar, vivienda tipo, el tipo de combustible para calefacción, entre otros.

Important Numbers

*Community
Action*
OF SOUTHEAST IOWA

Eichacker Community Action Center

3433 Ave O
Ft Madison, IA 52627
319- 372-4471

Marie Tallarico Community Action Center

220 South 22nd
Keokuk, IA 52632
319- 524-6383

Richardson School Head Start

1020 34th St
Ft Madison, IA 52627
319-372-5462

Central Office

2850 Mt Pleasant St, Suite 108
Burlington, IA 52601
319-753-0193

community.action@caofseia.org

* to update agency information email central office

Why do we complete a CHNA/HIP?

A county-wide collaboration lead by:

- **Board of Health/Lee County Health Department**
- **Fort Madison Community Hospital**
- **UnityPoint Health- Keokuk**

Purpose:

The Community Health Needs Assessment and Health Improvement Plan (CHNA&HIP) is an assessment of local health needs and report identifying goals and strategies to meet those needs. Every three years, our local county health board, in partnership with our hospitals, lead a community-wide discussion with residents, business owners, and community stakeholders regarding the public health issues of the community.

Outcomes:

- Increased community collaboration and engagement in improving the health of the county based on identified needs
- Focused community strategies with a written plan to address specific health needs with progress evaluated each year
- The assessment/plan can lead to additional grant funding and resources in the county to address our needs

2015-2018
CHNA/HIP

What have we
accomplished?

Healthy Lifestyles Taskforce (Live Healthy Lee County)- Emily Biddenstadt

- Senior Produce Box Project/Community Garden Projects and partnerships created with youth involvement
- PORT of Fort Madison – Phase I & II trail completed

Transportation Taskforce-Jamie Beskow

- Survey completed
- Promotion of SEIBUS/usage increased

Mental Health Taskforce-Ryanne Wood

- Standardized assessments have been identified and utilized for children 0-4, children 5-10, 11-17, and 18 and older related to diagnostic categories of need.

“Standardizing these assessments will assist in historical data of outcome achievement across the life of an individual by providing baseline and ongoing progress/regress. Because of this progress, individual treatment planning can become more targeted to specific need and ensure services are engaged in the least intrusive beneficial and dignified manner to the recipients”. Ryanne Wood, Taskforce Leader

Communication/Education and Motivation Taskforce-Michele Ross

- Veteran’s Health Fair-guest presenters and vendors provided education
- Health Promotion Messaging on-going

Community Wide Survey

- In April 2018, Lee County Health Department, Fort Madison Community Hospital and UnityPoint Health-Keokuk designed the survey using survey monkey and paper format for distribution.
- The survey was distributed May 2018 through August 2018 using email, newsletters, social media, websites and in person contacts with employees as well as consumers with participating organizations and worksites.
- Efforts were made to include all relevant age groups and demographics of our population in the county.
- 1050 Respondents participated in the survey!

Promote Healthy Behaviors and Improve Health Outcomes

Reduce obesity rates; preventable hospital stays due to chronic disease

Strategy 1-1.1

Increase participation in programs by raising awareness among local providers to help them become better educators on local opportunities.

1. Work with area agencies to keep resource guide up to date. **In process.**
2. Provide opportunity for area agencies to present to FMCH Case Managers to share with providers/clinic staff at huddles. **Due to COVID-19 pandemic we were not able to make this happen yet.**

Strategy 1-1.4

Continue to monitor and promote trail development and complete streets efforts in Lee County.

1. Maintain FMCH representation on the PORT (Promoting Outdoor Recreational Trails) committee. **FMCH continues to have a representative on the committee.**
2. Continue to provide monetary support for the continuation of trail development. **The GRHS-FMCH Community Health Foundation made a donation of \$1,500,000 to PORT for the continuation of trail development.**

Prevent or reduce teen births and STD's among youth/young adults.

Strategy 2-1.1

Provide education to targeted groups and locations.

1. Work with area schools (FMCSA, HTC, and CLSD) to make health care professionals available to speak to middle/high school students each semester. **Due to COVID-19 we were not able to go onsite to the schools during the past year.**
2. Continue to participate in high school health fairs to provide education. **We did participate pre-COVID shutdown in the high school health fair. Our infection preventionist presented on STD's.**
3. Develop and facilitate pre-teen parent & student boot camp - also would cover 3-1.4- at least once in the 3 year timeframe.

Strategy 2-1.2

Provide free access to condoms at key locations in the county.

1. Continue to distribute condoms in our Women's Center, ER and Main Clinic. **No change.**

Strategy 2-1.3

Utilize social media for education and outreach messaging.

1. Provide key messaging via Facebook 4x/year.

Prevent/reduce alcohol, tobacco and other drug abuse (ATOD) among our youth and adults (includes prescription drug abuse)

Strategy 3-1.4

Providers to educate patients on alternative treatments for prescription drugs; properly securing prescription medications from other household members/visitors, etc.

1. Provide annual Community Health Education with Pharmacists on Opioid use - **July 2019 first session. These were discontinued due to COVID-19. Looking to reinstate in 2022.**
2. Create protocol and education materials for patients.
3. Working with the FMCH Pain Committee -provide continuing education for health care professionals on alternative treatments and how to recognize addiction. **In process.**
4. Work with the area schools to identify and offer motivational speaker for students and parents to address these topics - act as presenting sponsor.
5. Promote prescription medication drop-off sites on FMCH social media, website and internal communication outlets.
6. Community Education Series with health professionals on addiction.

Improve the population's Mental Health and Well-being.

1. Continue to make mental health services available at FMCH. Outpatient mental health services continue to be offered. A new geriatric behavioral health unit is set to open July 1, 2021. This was delayed due to COVID-19

Promote Elderly Wellness

Improve the health, function and quality of life of older adults.

Strategy 1-1.1

Offer classes such as Matter of Balance, Stepping On, and Senior Fitness classes in key locations in the county every year.

1. Provide annual Stepping On class to community members. This was not offered due to COVID-19.
2. Re-instate Aquatic Therapy classes for Seniors. This was not offered due to COVID-19.

Strategy 1-2.2

Provide health management education and care coordination services to older adults i.e. chronic disease self-management, etc.

1. Continue to provide Community Health Education sessions -9x/year focusing more on chronic diseases- prevention, management, treatment options, etc. Put on hold due to COVID-19. Inpatient Geriatric Behavioral Health Unit set to open July 1, 2021.
2. Coordinate Cook with a Doc and Walk with a Doc programs- quarterly offerings - 2 Cook with a Doc and 2 Walk with a Doc per year. Put on hold due to COVID-19.

Lee County

Community Health Needs Assessment (CHNA) Report



For additional information about this report, CONTACT:

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Date Revised: 2/14/2019

Lee County

Promote Healthy Living Assessment

includes topics such as addictive behaviors (tobacco, alcohol, drugs, gambling), chronic disease (mental health, cardiovascular disease, cancer, asthma, diabetes, arthritis, etc.), elderly wellness, family planning, infant, child & family health, nutrition and healthy food options, oral health, physical activity, pregnancy & birth, and wellness.

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Prevent/Control Alcohol, Tobacco & Other Drug Abuse (including Prescription Drug Abuse)	<p>In the summer of 2018 community partners began to explore various data sets and conducted a community wide survey to determine new priority needs to work on over the next three years. Alcohol consumption (Excessive drinking) data (19%) exceeded the national data (13%) but was under the state data (22%). Alcohol-impaired driving deaths (31%) exceeded the state (27%) and national data (13%). Lee County Tobacco usage data (17%) exceeded national data (14%) and was equal to state data (17%). Mortality rates of drug poisoning (18) also exceeded the state (9) and national levels (10). Local survey results suggests the community also recognizes the ATOD is a community health issue and the prescription drug abuse is increasingly becoming a significant health issue. During a community forum there was much discussion with Lee County coalition partners to consider a Drug Free Communities Grant application in 2019 to address these issues especially among our youth. Partners voted on ATOD and Prescriptions Drug abuse as top priorities.</p>	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
2 Improve The Built Environment; Reduce or Prevent Obesity/Chronic Disease	<p>After a review of CHNA.org data, Community Health Rankings Data, CDC, and other various data sets along with community survey results, unfortunately obesity and other chronic health issues remained a top priority to focus on again over the next three years. Data still reveals Diabetes (9%), Stroke rate (41), Heart Disease (225.7) prevalence and disease mortality still exceeds the state and national levels according to Community Commons data (refer to data packet). Individuals getting routine preventive health screenings remains low yet percentages of those with high cholesterol (38.78) and blood pressure (28.5) exceed state and national levels. Inadequate fruit and vegetable consumption (83.4%) and inadequate physical activity (23.3%) remain higher than state and national levels. Food insecurity (14.46%) and food access of our vulnerable population such as our seniors (19.52) remains an issue. Community survey results in these areas continue to support this priority as well as a continued need to improve the built environment.</p>	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
3 Promote Mental Health & Well-Being	<p>After extensive data and survey result reviews and community forum discussion, community partners agreed and voted this in as a continued priority health focus. County Health Rankings Data reveals the number of poor mental health days(3.5), frequent mental distress (11%), lack of mental health providers (1,380:1) as well as specific indicators on local community survey results (lack of support systems, isolation, insufficient sleep, suicide, lack of knowledge of resources available) all demonstrate a continued need for this priority area.</p>	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
4 Decrease Teen Birth Rates	Review of data and survey results indicate teen birth rates in Lee County is a priority health need. The Lee County teen birth rate for ages 15-19 (47.9) is higher than the state rate (29.9) and national rate (36.6). Low birth weight rates (7.9%) also were higher than the state (6.8%) but lower than national level (8.2%) After much discussion, partners voted this in as a priority focus over the next three years.	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
5 Prevent/Decrease Cancer Rates	Cancer was one of the top six priorities and health concerns that resulted in community wide survey results. Incidences of Cancer exceed state and national levels for Colon, Lung, and Prostrate Cancer. Mortality of cancer rates exceed state and national levels (174.6). Partners did not choose this health issue as a priority for the next three years for the Health Improvement Plan (HIP). Focus will be on prevention, promoting health screenings and disease preventing immunizations, and healthy behaviors under other health priorities.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input checked="" type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
6 Improve Dental Health	Community Survey results demonstrate a continued need to improve access to dental care and educate on the importance of routine preventive dental care for all ages. This was not chosen as a priority need for the HIP since there is a new dental clinic in Keokuk (FQHC) and current public health programs are already addressing the issue.	No	<input type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Lee County

Prevent Injuries & Violence Assessment

includes topics such as brain injury, disability, EMS trauma & system development, intentional injuries (violent & abusive behavior, suicide), occupational health & safety, and unintentional injuries (motor vehicle crashes, falls, poisoning, drowning, etc.).

Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
1 Prevent Violence, Crime, & Abuse	Although violent crime exceeded the state and national levels, this was not a priority focus area chosen by community stakeholders to work on in the HIP in the next three years. Local law enforcement continues to address this issue in Lee County with increasing security. Child Abuse and Neglect rates continue to be high in Lee County however programs exist to prevent or reduce abuse through family support programs and other available services for families and children in Lee County.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/staff <input type="checkbox"/> Other _____	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
2 Decrease/Prevent Motor Vehicle Crashes & Recreational Accidents (Boating, ATVs)	Although motor vehicle crashes in Lee County exceeded the state and national levels, this was not chosen as a priority focus area for the HIP by community partners and was not voted on.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/staff <input type="checkbox"/> Other _____	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
3 Prevent/Decrease Falls & Unintentional Injuries Among the Elderly Population; Promote Elderly Wellness	There is a lack of evidenced-based fall prevention programs in Lee County to address this issue. Unintentional injuries (falls) among the elderly continue to be an issue. These issues as well as other issues related to elderly wellness will be addressed on the HIP and addressed by organizations who can address these issues.	Yes	<input type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input type="checkbox"/> Lack of financial resources

Lee County

Protect Against Environmental Hazards Assessment

includes topics such as drinking water protection, food waste, food safety, fluoridation, hazardous materials, hazardous waste, healthy homes, impaired waterways, lead poisoning, nuisances, on site wastewater systems, radon, radiological health, soil erosion, and vector control.

Environmental Hazards Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
1 Improve Environmental Health Issues/Prevent Childhood Lead Poisoning	Data reveals that over the 50% of homes in Lee County were built before 1957 which may have sources of lead exposure of children in Lee County. The number of cases of lead poisoned children in the county exceed state levels. Testing rates among medical providers are lower than the state average. This was not chosen as a priority focus area at this time for the HIP by partners however public health continues to address this with limited resources in the County through gap filling testing services, outreach and education, and lead inspections of homes.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input checked="" type="checkbox"/> Existing programs already address problem/need <input checked="" type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input checked="" type="checkbox"/> Lack of financial resources

Lee County

Prevent Epidemics & the Spread of Disease Assessment

includes topics such as disease investigation, control & surveillance, HIV/AIDS, immunization, reportable diseases, sexually transmitted diseases (STDs), and tuberculosis (TB).

Epidemics & Spread of Disease Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
1 Prevent/Decrease Sexually Transmitted Diseases & Other Communicable Diseases	Increases in STI rates in Lee County (263.6) and Iowa (388.9) have occurred in the past two years. No providers in Lee County are currently providing STI testing and treatment unless a person is an established patient within a provider office. This was not chosen as a priority need at this time for the HIP by community partners but public health/health care facilities have agreed to look at options possibly in the future utilizing state resources and supplies as part of outreach and prevention.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input checked="" type="checkbox"/> Lack of human resources/staff <input type="checkbox"/> Other _____ <input type="checkbox"/> Community partners do not exist <input checked="" type="checkbox"/> Lead organization does not exist <input checked="" type="checkbox"/> Lack of financial resources

Lee County

Prepare for, Respond to, & Recover from Public Health Emergencies Assessment

includes topics such as communication networks, emergency planning, emergency response, individual preparedness, recovery planning, risk communication, and surge capacity.

Preparedness Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
1 Emergency Preparedness Planning; Improving Communication During Emergencies	Emergency Preparedness and Health Care Coalition partners have been addressing the need for improving communication among responders, health care facilities, during an emergency event where power outages or other circumstances make normal means of communication inoperable (internet, phone lines down, etc.). This was not chosen as a priority focus on the HIP however the Lee County Health Care Coalition will continue to address this issue as part of local and regional coalition efforts .	No	<input checked="" type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input checked="" type="checkbox"/> Lack of financial resources

Lee County

Strengthen the Health Infrastructure Assessment

includes topics such as access to quality health services, community engagement, evaluation, food security, food systems, food and nutrition assistance (SNAP, WIC), health facilities, health insurance, medical care, organizational capacity, planning, quality improvement, social determinants (e.g., education & poverty levels), transportation, and workforce (e.g., primary care, dental, mental health, public health).

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:	
1 Decrease Poverty	Poverty levels (including children living in poverty 20%) and the increasing Medicaid population is higher than state and national levels in direct correlation with other health issues in the county. Unemployment is 6.2% compared to the 3.7% state average. These issues were not chosen as priority focus areas for the HIP at this.	No	<input checked="" type="checkbox"/> Other priorities rated higher <input type="checkbox"/> Existing programs already address problem/need <input type="checkbox"/> Lack of human resources/ staff <input type="checkbox"/> Other _____	<input type="checkbox"/> Community partners do not exist <input type="checkbox"/> Lead organization does not exist <input checked="" type="checkbox"/> Lack of financial resources

Lee County
2/14/2019
COMMUNITY HEALTH NEEDS ASSESSMENT SNAPSHOT



Promote Healthy Living

- Priority #1 Prevent/Control Alcohol, Tobacco & Other Drug Abuse (including Prescription Drug Abuse)
- Priority #2 Improve The Built Environment; Reduce or Prevent Obesity/Chronic Disease
- Priority #3 Promote Mental Health & Well-Being
- Priority #4 Decrease Teen Birth Rates
- Priority #5 Prevent/Decrease Cancer Rates
- Priority #6 Improve Dental Health



Prevent Injuries & Violence

- Priority #1 Prevent Violence, Crime, & Abuse
- Priority #2 Decrease/Prevent Motor Vehicle Crashes & Recreational Accidents (Boating, ATVs)
- Priority #3 Prevent/Decrease Falls & Unintentional Injuries Among the Elderly Population; Promote Elderly Wellness



Protect Against Environmental Hazards

- Priority #1 Improve Environmental Health Issues/Prevent Childhood Lead Poisoning



Prevent Epidemics & the Spread of Disease

- Priority #1 Prevent/Decrease Sexually Transmitted Diseases & Other Communicable Diseases



Prepare for, Respond to, & Recover from Public Health Emergencies

- Priority #1 Emergency Preparedness Planning; Improving Communication During Emergencies



Strengthen the Health Infrastructure

- Priority #1 Decrease Poverty

**Lee County
Community Health Improvement Plan**

Date Updated: 2/14/2019



UnityPoint Health
Keokuk



For additional information, CONTACT:

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Angie Budnik	Fort Madison Community Hospital	319-376-2244	Abudnik@FMCHOSP.com

Community Priority

Promote Healthy Behaviors and Improve Health Outcomes

Goal #1 Reduce obesity rates; preventable hospital stays due to chronic disease		National Alignment	State Alignment
		NWS Healthy People 2020	Healthiest State Initiative; Healthy Iowans
Objective 1-1	Reduce obesity rates according to county health rankings report in the next three years.	Baseline value & (year)	Target value & (year)
		34% CHR 2018	Reduced % from baseline CHR 2022
Strategy 1-1.1	Increase participation in programs by raising awareness among local providers to help them become better educators on local opportunities.		<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> Counseling & Education	<u>Who's responsible?</u> FMCH; UPH-K	
Strategy 1-1.2	Survey schools and early childhood environments on 5-2-1-0 Initiative; Collaborate with I-Smile Initiative for "0" promotion and education to children/families.		<u>Target Date</u> Jan 1, 2020
	<u>Strategy Type</u> Environmental / Policy Change	<u>Who's responsible?</u> Live Healthy Lee County Coalition members; LCHD	
Strategy 1-1.3	Encourage better eating habits in young adults by targeting concession stands in Lee County and encouraging them to add three new healthy options.		<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> Environmental / Policy Change	<u>Who's responsible?</u> Live Healthy Lee County Coalition members	
Strategy 1-1.4	Continue to monitor and promote trail development and complete streets efforts in Lee County.		<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> Environmental / Policy Change	<u>Who's responsible?</u> Live Healthy Lee County; PORT of Fort Madison	
Strategy 1-1.5	Increase participation in local community gardening, local produce box project, and other health and wellness initiatives.		<u>Target Date</u> Jan 1, 2020
	<u>Strategy Type</u> Address Social Determinant / Disparity	<u>Who's responsible?</u> LCHD; Live Healthy Lee County	
Goal #2			

Prevent or reduce teen births and STDs among youth/young adults.		National Alignment	State Alignment
		FP Healthy People 2020	Healthy Iowans
Objective 2-1	Reduce the teen birth rate in next three years.	Baseline value & (year) 40 CHR 2018	Target value & (year) reduced rate from baseline CHR 2022
Strategy 2-1.1	Provide education to targeted groups and locations.		Target Date Jan 1, 2022
	Strategy Type Counseling & Education	Who's responsible? Adolescent Pregnancy Prevention Coalition; Medical Providers; LCHD's MCAH and Home Visiting programs	
Strategy 2-1.2	Provide free access to condoms at key locations in the county.		Target Date Jan 1, 2022
	Strategy Type Long-Lasting Protective Intervention	Who's responsible? LCHD; FMCH; UPH-K; Other	
Strategy 2-1.3	Utilize social media for education and outreach messaging.		Target Date Jan 1, 2022
	Strategy Type Counseling & Education	Who's responsible? LCHD; FMCH; UPH-K	
Strategy 2-1.4	Explore STD testing and treatment services for walk-ins.		Target Date Jan 1, 2022
	Strategy Type Clinical Intervention	Who's responsible? LCHD; Family Planning services	
Goal #3: Prevent/reduce alcohol, tobacco and other drug abuse (ATOD) among our youth and adults (includes prescription drug abuse).		National Alignment	State Alignment
		SU Healthy People 2020	Healthiest State Initiative; Healthy Iowans
Objective 3-1	Improve county health rankings data related to smoking (17%), excessive drinking (19%), alcohol-impaired driving deaths (31%) and drug overdose deaths (18) over the next three years through community engagement and education.	Baseline value & (year) CHR data 2018	Target value & (year) decreases in each data set from CHR baseline

Strategy 3-1.1	Gather support for TF/NF policy in public places: schools, hospitals, YMCA, faith-based organizations, law enforcement, MH and SA agencies, etc.	<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> <input type="text" value="Environmental / Policy Change"/>	<u>Who's responsible?</u> ADDS
Strategy 3-1.2	Apply for a Drug Free Community Grant for Lee County.	<u>Target Date</u> Jan 1, 2020
	<u>Strategy Type</u> <input type="text" value="Long-Lasting Protective Intervention"/>	<u>Who's responsible?</u> Prevent Child Abuse Council of Lee County; Community Sectors
Strategy 3-1.3	Increase education in the public through public service announcements; promote initiatives such as Take Back Iowa programs	<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> <input type="text" value="Counseling & Education"/>	<u>Who's responsible?</u> ADDS
Strategy 3-1.4	Providers to educate patients on alternative treatments for prescription drugs; properly securing prescription medications from other household members/visitors, etc.	<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> <input type="text" value="Clinical Intervention"/>	<u>Who's responsible?</u> Medical Providers; UnityPoint Health-Keokuk

Goal #4	Improve the population's Mental Health and Well-being.	<u>National Alignment</u>	<u>State Alignment</u>
		MHMD; HRQOL/WS Healthy People 2020	Healthiest State Initiative; Healthy Iowans
Objective 4-1	Decrease the number of self-reported poor mental health days in the county health rankings data over the next three years.	<u>Baseline value & (year)</u> <input type="text" value="3.5 days CHR 2018"/>	<u>Target value & (year)</u> <input type="text" value="decrease in days from CHR baseline by 2022"/>
Strategy 4-1.1	Promote and educate on available community resources, increase engagement of community protective factors and work on destigmatization.	<u>Target Date</u> Jan 1, 2022	
	<u>Strategy Type</u> <input type="text" value="Counseling & Education"/>	<u>Who's responsible?</u> SEIL/Regional Mental Health coalition; LCHD-1st Five Healthy Mental Development Initiative	
Strategy 4-1.2	Evaluate strategies and processes for implementing Mental Health Technology uses in Lee County over the next three years.	<u>Target Date</u> Jan 1, 2022	
	<u>Strategy Type</u> <input type="text" value="Clinical Intervention"/>	<u>Who's responsible?</u> Regional Mental Health Coalition/groups	

Strategy 4-1.3 Utilize PCAI; Children's Mental Health and Well-being Collaborative; media and reach other sectors such as schools to address strategies that can promote and lead to improved mental health and well-being in the county.

Target Date
Jan 1, 2022

Strategy Type

Counseling & Education

Who's responsible?

local and regional coalitions; Service Providers and Organizations

Community Priority

Promote Elderly Wellness

Goal #1 Improve the health, function, and quality of life of older adults.		National Alignment	State Alignment
		OA Healthy People 2020	Healthiest State Initiative, Healthy Iowans
Objective 1-1	Decrease the rate of fall-related deaths of 65+ population (66.5 per 100,000) and Fall-related hospitalizations (21.07 per 1000) in Lee County over the next three years.	Baseline value & (year) 66.5/21.07 2010-2014 IDPH data	Target value & (year) decreases in IDPH baseline data by 2022
Strategy 1-1.1	Offer classes such as Matter of Balance, Stepping On, and Senior Fitness classes in key locations in the county each year.		<u>Target Date</u> Jan 1, 2020
	<u>Strategy Type</u> Counseling & Education	<u>Who's responsible?</u> LCHD; FMCH; UPH-K; YMCAs	
Objective 1-2	Increase access to healthy produce by sustaining senior produce boxes at 7 assisted living and senior congregate meal sites.	Baseline value & (year) 7- 2018	Target value & (year) 7- 2022
Strategy 1-2.1	Organize volunteers to collect and distribute donated produce to several sites in Lee County.		<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> Address Social Determinant / Disparity	<u>Who's responsible?</u> Live Healthy Lee County; LCHD; local food producers; farmer's markets	
Strategy 1-2.2	Provide health management education and care coordination services to older adults ie: chronic disease self-management, Diabetes self-management, promote proper diet and exercise, self-care, medication management, etc.		<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> Clinical Intervention	<u>Who's responsible?</u> FMCH; UPH-K; LCHD Senior health services	
Strategy 1-2.3	Increase access to oral health care to help reduce systemic disease for the older population and use of Emergency Departments for oral health care needs.		<u>Target Date</u> Jan 1, 2022
	<u>Strategy Type</u> Address Social Determinant / Disparity	<u>Who's responsible?</u> LCHD I-Smile Silver; Dental Community	