

Lee County's Community Health Needs Assessment DATA Profile 2015



September 22, 2015

Community Stakeholder Meeting

Review of county demographics, social economic factors, physical environment, clinical care, health behaviors, and health outcomes

Lee County's Community Health Needs Assessment (CHNA)

Community DATA Profile 2015

The following is our 2015 community health data profile report for Lee County, Iowa. The purpose of this report is for our Community Health Stakeholder Committee to review data in regards to specific county **demographics**, **social economic factors**, our **physical environment**, **clinical care**, **health behaviors**, and **health outcomes** of our county population. This profile data will help community partners to assess and identify priority health needs to work on in the county over the next 3-5 years.

Lee County Demographics

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

Total Population

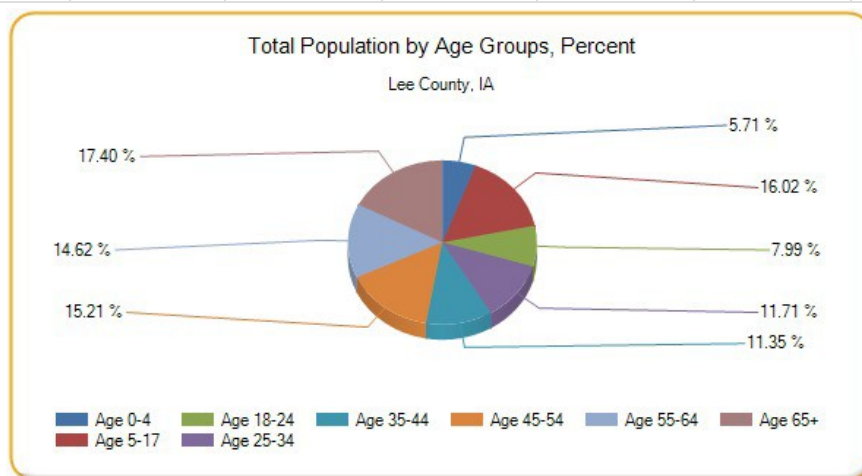
A total of 35,736 people live in the 517.38 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2009-13 5-year estimates. The population density for Lee County is estimated at 69.07 persons per square mile (less than the national average population density of 88.23 persons per square mile).

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Lee County, IA	35,736	517.38	69.07
Iowa	3,062,553	55,842.35	54.84
United States	311,536,591	3,530,997.6	88.23

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

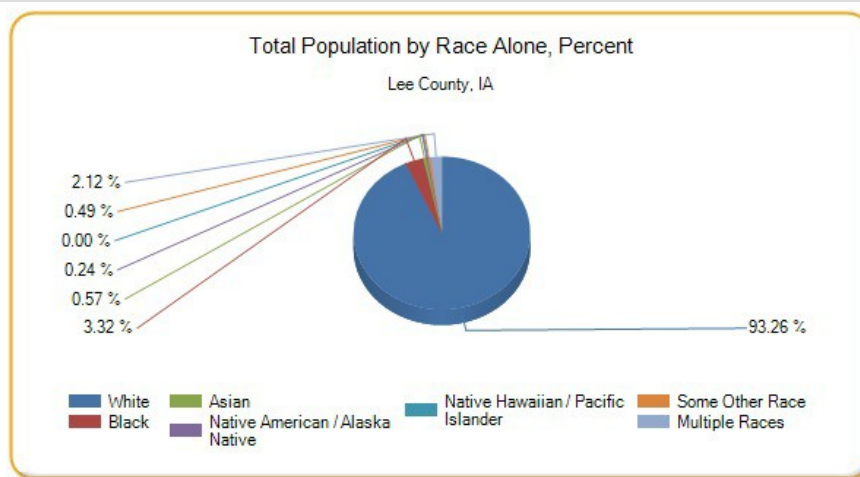
Total Population by Age Groups, Percent

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65
Lee County, IA	5.71	16.02	7.99	11.71	11.35	15.21	14.62	17.4
Iowa	6.45	17.22	10.15	12.62	11.86	14.04	12.58	15.08
United States	6.44	17.28	9.97	13.39	13.12	14.29	12.08	13.43



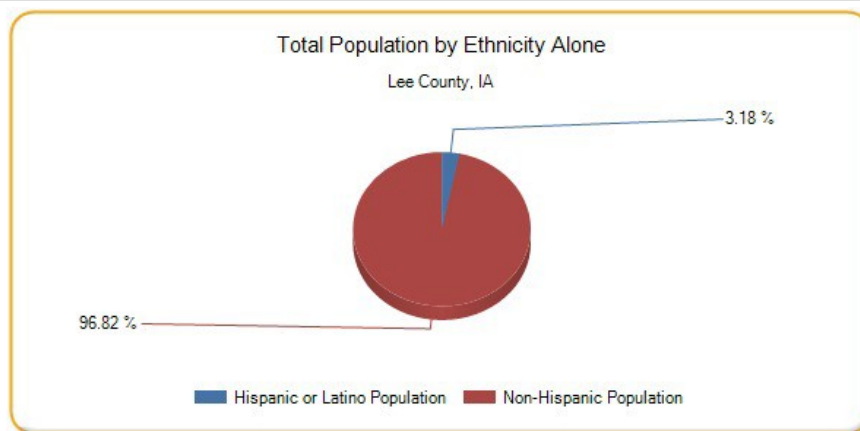
Total Population by Race Alone, Percent

Report Area	White	Black	Asian	Native American / Alaska	Native Hawaiian / Pacific	Some Other Race	Multiple Races
Lee County, IA	93.27	3.32	0.57	0.24	0%	0.49	2.12
Iowa	91.52	3%	1.82	0.31	0.05	1.4%	1.9%
United States	74.02	12.57	4.89	0.82	0.17	4.73	2.8%



Total Population by Ethnicity Alone

Report Area	Total Population	Hispanic or Latino	Percent Population	Non-Hispanic	Percent Population
Lee County, IA	35,736	1,138	3.18%	34,598	96.82
Iowa	3,062,55	157,71	5.15%	2,904,84	94.85
United States	311,536,60	51,786,59	16.62	259,750,00	83.38



Change in Total Population

According to the U.S. Census Bureau Decennial Census, between 2000 and 2010 the population in Lee County fell by 2190 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	2,926,324	3,046,355	120,031	4.1%
United States	280,421,907	307,745,539	27,323,632	9.74%

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

Families with Children

According to the most recent American Community Survey estimates, 27.74% of all occupied households in Lee County are family households with one or more child (ren) under the age of 18. 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 households are any households 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	14,241	9,296	3,951	27.74%
Iowa	1,226,547	795,274	370,040	30.17%
United States	115,610,216	76,744,360	37,741,108	32.65%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Median Age

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

Report Area	Total Population	Median Age
Lee County, IA	35,736	42.8
Iowa	3,062,553	38.1
United States	311,536,608	37.3

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Population Under Age 18

This indicator reports the percentage of under age 18 in the designated geographic area of Lee County. This indicator is relevant because it is important to understand the percentage of youth 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 0-17	Percent Population Age 0-17
Lee County, IA	35,736	7,765	21.73%
Iowa	3,062,553	725,022	23.67%
United States	311,536,608	73,877,472	23.71%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Population Age 18-64

This indicator reports the percentage of population age 18-64 in the designated geographic area of Lee County. 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	35,736	21,753	60.87%
Iowa	3,062,553	1,875,807	61.25%
United States	311,536,608	195,808,080	62.85%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Population Age 65

An estimated 17.4% percent of the population in Lee County is age 65 or older according to the U.S. Census Bureau American Community Survey 2009-13 5-year estimates. An estimated total of 6,218 older adults resided in the area during this time period.

Report Area	Total Population	Population Age 65	Percent Population Age 65
Lee County, IA	35,736	6,218	17.4%
Iowa	3,062,553	461,724	15.08%
United States	311,536,608	41,851,040	13.43%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

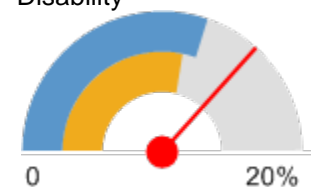
Population with Any Disability

This indicator reports the percentage of the total civilian non-institutionalized population in Lee County 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	34,833	5,121	14.7%
Iowa	3,016,863	343,424	11.38%
United States	306,448,480	37,168,876	12.13%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percent Population with a Disability



■ Lee County, IA (14.7%)
■ Iowa (11.38%)
■ United States (12.13%)

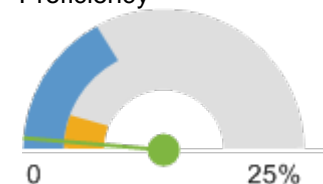
Population with Limited English Proficiency

This indicator reports the percentage of the Lee County 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.

Report Area	Total Population	Population Age 5	Population Age 5 with Limited English Proficiency	Percent Population Age 5 with Limited English Proficiency
Lee County, IA	33,695	33,695	243	0.72%
Iowa	2,864,943	2,864,943	85,841	3%
United States	291,484,480	291,484,488	25,148,900	8.63%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percent Population Age 5 with Limited English Proficiency



Lee County, IA (0.72%)
Iowa (3%)
United States (8.63%)

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	27,934	3,552	12.72%
Iowa	2,335,338	226,175	9.68%
United States	236,576,896	21,263,780	8.99%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

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.

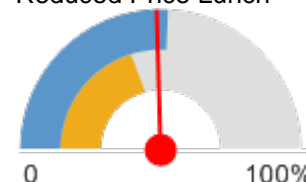
Children Eligible for Free/Reduced Price Lunch

Within the Lee County area there are an estimated 2,469 public school students or 49% are eligible for Free/Reduced Price lunch out of 5,039 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	5,039	2,469	49%
Iowa	490,630	200,417	40.85%
United States	49,936,793	25,615,437	51.7%

Data Source: National Center for Education Statistics, NCES - Common Core of Data. 2012-13.
Source geography: Address

Percent Students Eligible for Free or Reduced Price Lunch



Lee County, IA (49%)
Iowa (40.85%)
United States (51.7%)

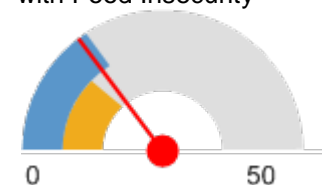
Food Insecurity Rate

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 Insecure Population, Percent
Lee County, IA	35,741	5,240	14.66%
Iowa	3,074,186	389,730	12.68%
United States	313,281,717	49,943,940	15.94%

Data Source: Feeding America. 2012. Source geography: County

Percentage of the Population with Food Insecurity



■ Lee County, IA (14.66%)
 ■ Iowa (12.68%)
 ■ United States (15.94%)

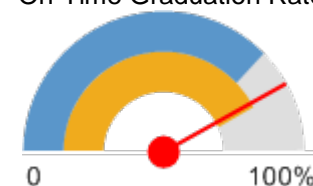
High School Graduation Rate (NCES)

Within the Lee County 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

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

On-Time Graduation Rate



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

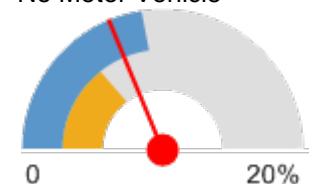
Households with No Motor Vehicle

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	14,241	1,069	7.51%
Iowa	1,226,547	71,136	5.8%
United States	115,610,216	10,483,077	9.07%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percentage of Households with No Motor Vehicle



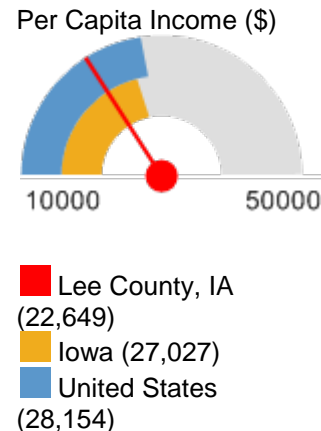
■ Lee County, IA (7.51%)
 ■ Iowa (5.8%)
 ■ United States (9.07%)

Income - Per Capita Income

The per capita income for the Lee County area is \$22,649. 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	35,736	\$809,386,176	\$22,649
Iowa	3,062,553	\$82,772,598,784	\$27,027
United States	311,536,608	\$8,771,308,355,584	\$28,154

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

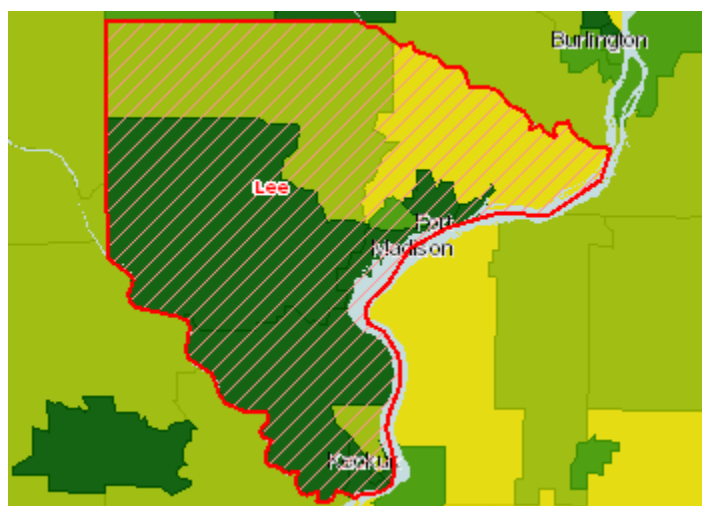
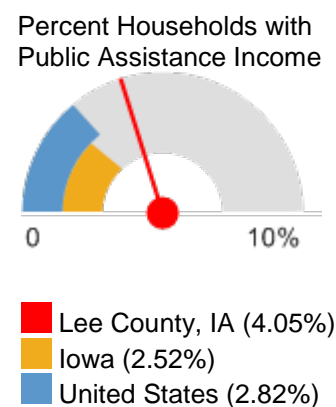


Income - Public Assistance Income

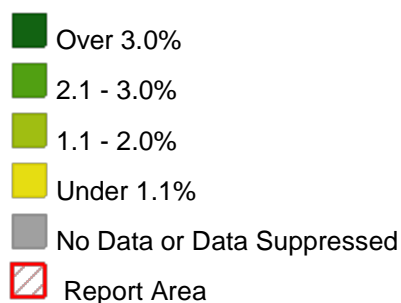
This indicator reports the percentage households receiving public assistance income. Public assistance income includes general assistance and Temporary Assistance to Needy Families (TANF). Separate payments received for hospital or other medical care (vendor payments) are excluded. This does not include 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	14,241	577	4.05%
Iowa	1,226,547	30,911	2.52%
United States	115,610,216	3,255,213	2.82%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract



Households with Public Assistance Income, Percent by Tract, ACS 2009-13



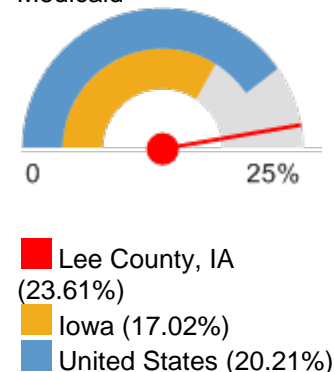
Insurance - Population Receiving Medicaid

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	34,833	30,780	7,268	23.61%
Iowa	3,016,863	2,757,233	469,369	17.02%
United States	306,448,480	260,878,816	52,714,280	20.21%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percent of Insured Population Receiving Medicaid



Insurance - Uninsured Population

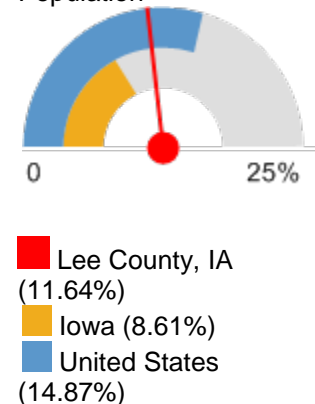
The lack of health insurance is considered a *key driver* of health status.

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	34,833	4,053	11.64%
Iowa	3,016,863	259,630	8.61%
United States	306,448,480	45,569,668	14.87%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percent Uninsured Population



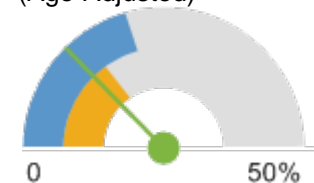
Lack of Social or Emotional Support

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.

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	20.69%	20.68%

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

Percent Adults Without Adequate Social / Emotional Support (Age-Adjusted)



Lee County, IA (12.8%)
Iowa (15.3%)
United States (20.68%)

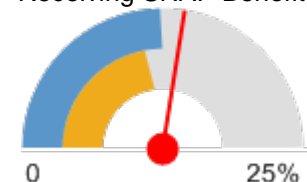
Population Receiving SNAP Benefits (ACS)

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 enrollment.

Report Area	Total Households	Households Receiving SNAP Benefits	Percent Households Receiving SNAP Benefits
Lee County, IA	14,241	1,955	13.73%
Iowa	1,226,547	137,317	11.2%
United States	115,610,216	14,339,330	12.4%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percent Households Receiving SNAP Benefits



Lee County, IA (13.73%)
Iowa (11.2%)
United States (12.4%)

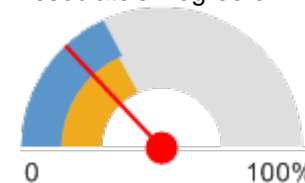
Population with Associate's Level Degree or Higher

26.06% of the Lee County population aged 25 and older, or 6,546 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	25,117	6,546	26.06%
Iowa	2,026,719	736,768	36.35%
United States	206,587,856	75,718,936	36.65%

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Percent Population Age 25 with Associate's Degree or Higher



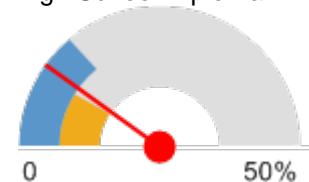
Lee County, IA (26.06%)
Iowa (36.35%)
United States (36.65%)

Population with No High School Diploma

Within the Lee County area there are 2,517 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 10.02% 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	25,117	2,517	10.02%
Iowa	2,026,719	183,061	9.03%
United States	206,587,856	28,887,720	13.98%

Percent Population Age 25 with No High School Diploma



■ Lee County, IA (10.02%)
■ Iowa (9.03%)
■ United States (13.98%)

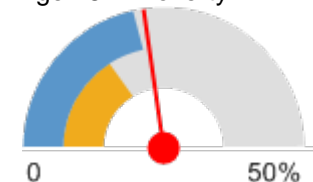
Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Poverty - Children Below 100% FPL

In the Lee County area 22.83% or 1,737 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	34,740	7,610	1,737	22.83%
Iowa	2,963,129	712,247	114,742	16.11%
United States	303,692,064	72,748,616	15,701,799	21.58%

Percent Population Under Age 18 in Poverty



■ Lee County, IA (22.83%)
■ Iowa (16.11%)
■ United States (21.58%)

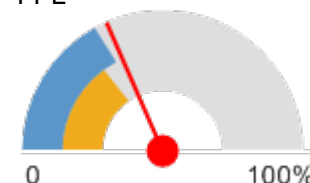
Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Poverty - Population Below 200% FPL

In the Lee County area 37.07% or 12,877 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.

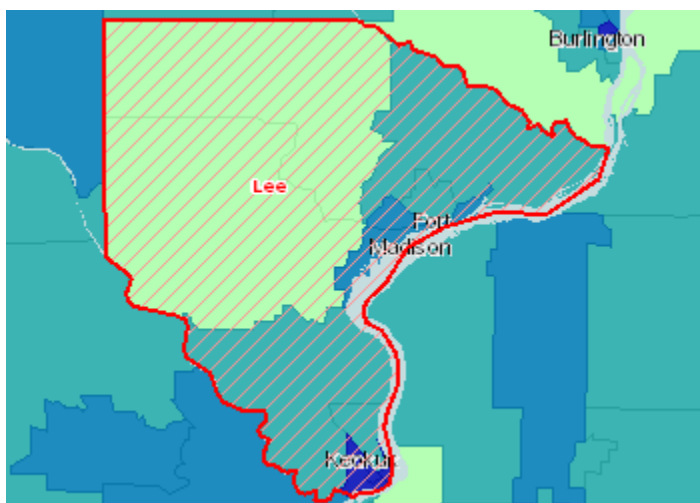
Report Area	Total Population	Population with Income at or Below 200% FPL	Percent Population with Income at or Below 200% FPL
Lee County, IA	34,740	12,877	37.07%
Iowa	2,963,129	899,783	30.37%
United States	303,692,064	103,964,464	34.23%

Percent Population with Income at or Below 200% FPL

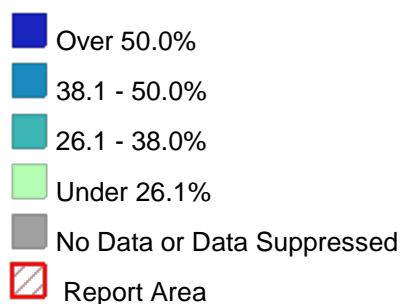


■ Lee County, IA (37.07%)
■ Iowa (30.37%)
■ United States (34.23%)

Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract



Population Below 200% Poverty Level, Percent by Tract, ACS 2009-13



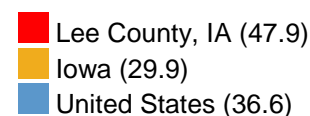
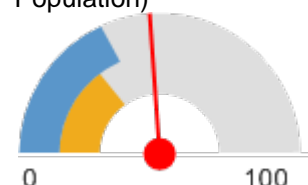
Teen Births

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)



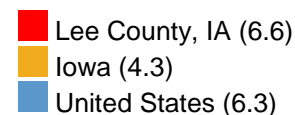
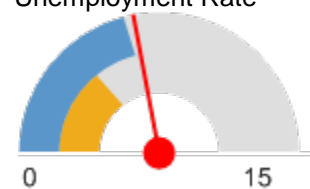
Unemployment Rate

Total unemployment in the Lee County area for the current month was 1,183, or 6.6% 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	18,008	16,825	1,183	6.6
Iowa	1,716,319	1,642,018	74,301	4.3
United States	158,429,642	148,371,360	10,058,282	6.3

Data Source: US Department of Labor, Bureau of Labor Statistics. 2015 - June. Source geography: County

Unemployment Rate



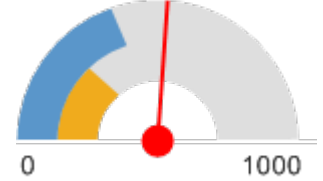
Violent Crime

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	35,890	188	523.82
Iowa	2,963,727	7,885	266
United States	306,859,354	1,213,859	395.5

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. 2010-12. Source geography: County

Violent Crime Rate (Per 100,000 Pop.)



Lee County, IA (523.82)
Iowa (266)
United States (395.5)

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.

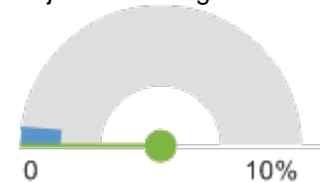
Air Quality - Ozone

Within the Lee County area, 0, or 0% 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	37.52	0	0%	0%
Iowa	3,046,355	36.82	0	0%	0%
United States	312,471,327	38.98	1.59	0.44%	0.47%

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2008. Source geography: Tract

Percentage of Days Exceeding Standards, Pop. Adjusted Average



Lee County, IA (0%)
Iowa (0%)
United States (0.47%)

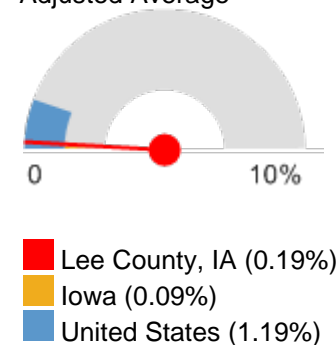
Air Quality - Particulate Matter 2.5

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	8.83	0.64	0.17	0.19%
Iowa	3,046,355	8.90	0.30	0.08	0.09%
United States	312,471,327	10.65	4.17	1.14	1.19%

Data Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network. 2008. Source geography: Tract

Percentage of Days Exceeding Standards, Pop. Adjusted Average



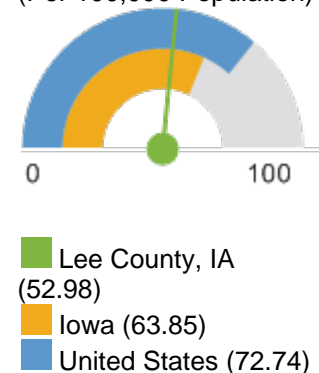
Fast Food Restaurant Access

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	19	52.98
Iowa	3,046,355	1,945	63.85
United States	312,732,537	227,486	72.74

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2013. Source geography: County

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

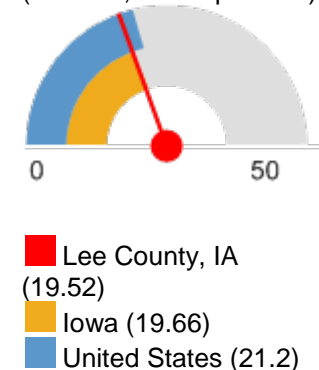


Grocery Store Access

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	312,732,537	66,286	21.2

Grocery Stores, Rate (Per 100,000 Population)



Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2013. Source geography: County

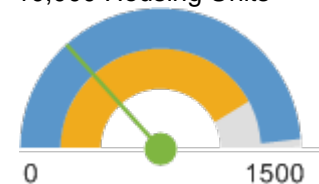
Housing Environment - Assisted Housing

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	641	395.56
Iowa	6,178,069	783,959	1,268.94
United States	654,954,581	96,159,779	1,468.19

Data Source: US Department of Housing and Urban Development. 2013. Source geography: County

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



Lee County, IA (395.56)
Iowa (1,268.94)
United States (1,468.19)

Housing Environment - 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	16,216	1957
Iowa	1,341,001	1965
United States	132,057,808	1976

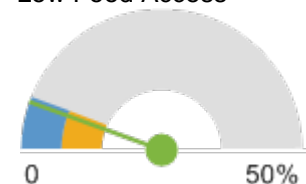
Data Source: US Census Bureau, American Community Survey. 2009-13. Source geography: Tract

Low Income Population with Low Food Access

Report Area	Total Population	Low Income Population with Low Food Access	Percent Low Income Population with Low Food Access
Lee County, IA	35,862	2,035	5.67%
Iowa	3,046,355	199,383	6.54%
United States	308,745,538	19,347,047	6.27%

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2010. Source geography: Tract

Percent Low Income Population with Low Food Access



Lee County, IA (5.67%)
Iowa (6.54%)
United States (6.27%)

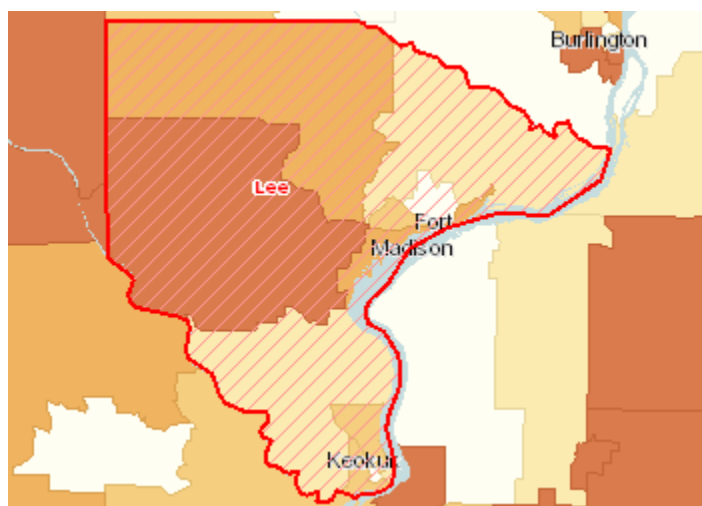
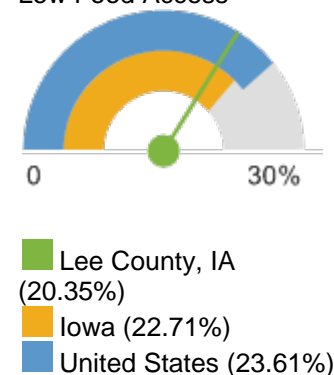
Population with Low Food Access

This indicator reports the percentage of the population living in census tracts designated as food deserts. A food desert is defined as a low-income census tract (where a substantial number or share of residents has low access to a supermarket or large grocery store. This indicator is relevant because it highlights populations and geographies facing food insecurity.

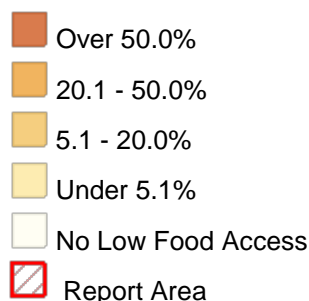
Report Area	Total Population	Population with Low Food Access	Percent Population with Low Food Access
Lee County, IA	35,862	7,297	20.35%
Iowa	3,046,355	691,782	22.71%
United States	308,745,538	72,905,540	23.61%

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2010. Source geography: Tract

Percent Population with Low Food Access



Population with Limited Food Access, Percent by Tract, FARA 2010



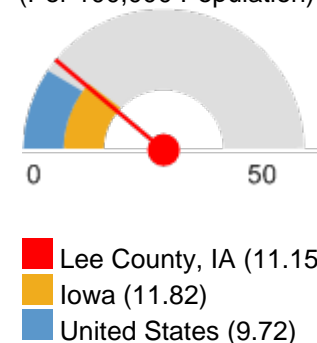
Recreation and Fitness Facility Access

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	4	11.15
Iowa	3,046,355	360	11.82
United States	312,732,537	30,393	9.72

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2013. Source geography: County

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



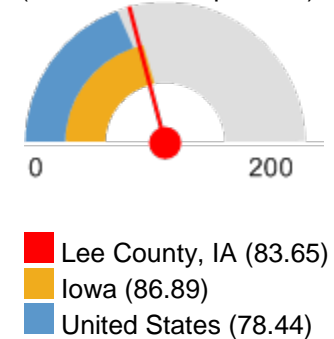
SNAP-Authorized Food Store Access

This indicator reports the number of SNAP-authorized food stores as a rate per 100,000 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 100,000 Population
Lee County, IA	35,862	30	83.65
Iowa	3,046,355	2,647	86.89
United States	312,471,327	245,113	78.44

Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2014. Source geography: Tract

SNAP-Authorized Retailers, Rate (Per 100,000 Population)



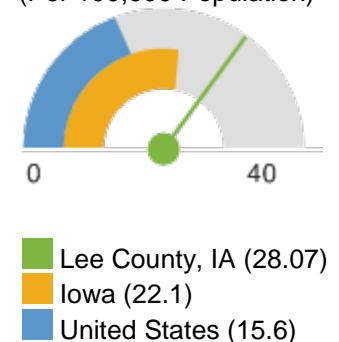
WIC-Authorized Food Store Access

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.

Report Area	Total Population (2011 Estimate)	Number WIC-Authorized Food Stores	WIC-Authorized Food Store Rate (Per 100,000 Pop.)
Lee County, IA	35,621	10	28.07
Iowa	3,069,845	681	22.1
United States	318,921,538	50,042	15.6

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Environment Atlas. 2011. Source geography: County

WIC-Authorized Food Stores, 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.

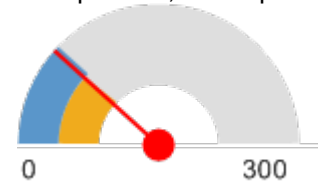
Access to Primary Care

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, 2012	Primary Care Physicians, 2012	Primary Care Physicians, Rate per 100,000 Pop.
Lee County, IA	35,617	25	70.19
Iowa	3,074,186	2,236	72.73
United States	313,914,040	233,862	74.5

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2012. Source geography: County

Primary Care Physicians, Rate per 100,000 Pop.



■ Lee County, IA (70.19)
■ Iowa (72.73)
■ United States (74.5)

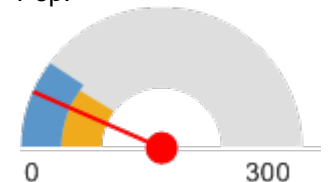
Access to Dentists

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, 2013	Dentists, 2013	Dentists, Rate per 100,000 Pop.
Lee County, IA	35,682	14	39.24
Iowa	3,090,416	1,851	59.89
United States	316,128,839	199,743	63.18

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2013. Source geography: County

Dentists, Rate per 100,000 Pop.



■ Lee County, IA (39.24)
■ Iowa (59.89)
■ United States (63.18)

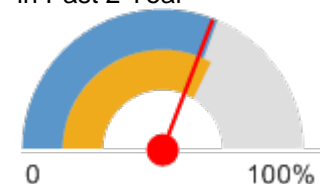
Cancer Screening - Mammogram

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	5,417	464	285	61.64%
Iowa	366,817	27,805	18,466	66.42%
United States	53,131,712	4,402,782	2,772,990	62.98%

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2012. Source geography: County

Percent Female Medicare Enrollees with Mammogram in Past 2 Year



■ Lee County, IA (61.64%)
■ Iowa (66.42%)
■ United States (62.98%)

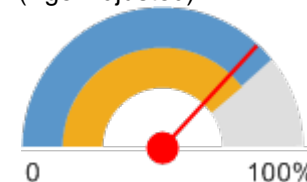
Cancer Screening - Pap Test

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	77.58%	78.48%

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

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



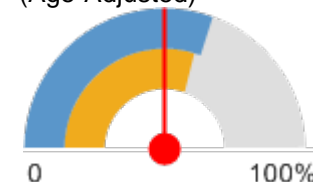
■ Lee County, IA (73.7%)
■ Iowa (79.5%)
■ United States (78.48%)

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	64.63%	61.34%

Percent Adults Screened for Colon Cancer (Age-Adjusted)



■ Lee County, IA (50.2%)
■ Iowa (60%)
■ United States (61.34%)

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

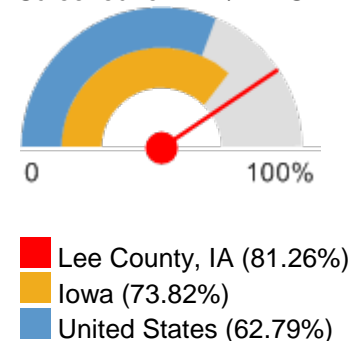
HIV Screenings

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.

Report Area	Survey Population (Smokers Age 18)	Total Adults Never Screened for HIV / AIDS	Percent Adults Never Screened for HIV / AIDS
Lee County, IA	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

Percent Adults Never Screened for HIV / AIDS



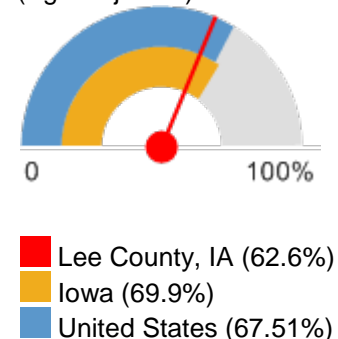
Pneumonia Vaccination

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	67.36%	67.51%

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

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



Diabetes Management - Hemoglobin A1c Test

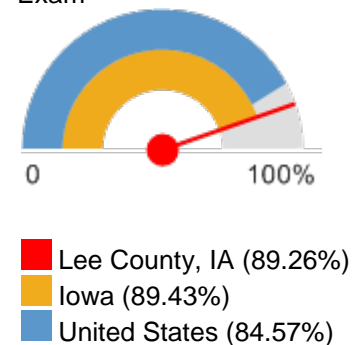
This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. In the Lee County area, 582 Medicare enrollees with diabetes have had an annual exam out of 652 Medicare enrollees in the report area with diabetes, or 89.26%. 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	5,417	652	582	89.26%
Iowa	366,817	39,069	34,940	89.43%
United States	53,131,712	6,517,150	5,511,632	84.57%

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2012. Source geography: County

Percent Medicare Enrollees with Diabetes with Annual Exam



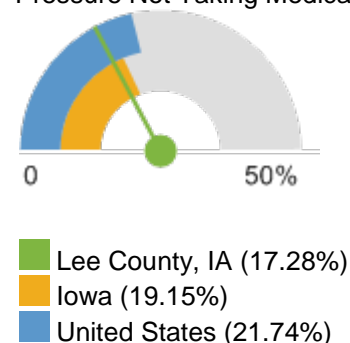
High Blood Pressure Management

In the Lee County area, 17.28% of adults, or 4,806, self-reported that they are not taking medication for their high blood pressure according to the CDC's Behavioural 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, IA	27,816	4,806	17.28%
Iowa	2,307,562	441,847	19.15%
United States	235,375,690	51,175,402	21.74%

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

Percent Adults with High Blood Pressure Not Taking Medication

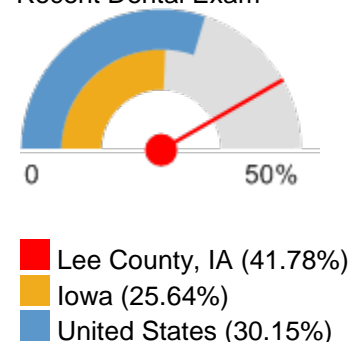


Dental Care Utilization

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	41.78%

Percent Adults Without Recent Dental Exam



Iowa	2,307,562	591,664	25.64%
United States	235,375,690	70,965,788	30.15%

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

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	57	1.87
United States	312,471,327	6,011	1.92

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. June 2014. Source geography: Address

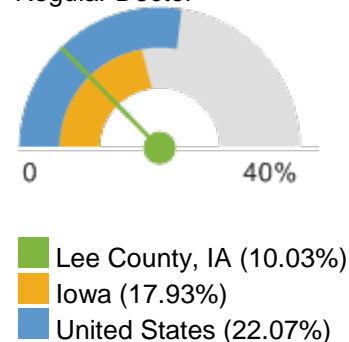
Lack of a Consistent Source of Primary Care

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%

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 Without Any Regular Doctor



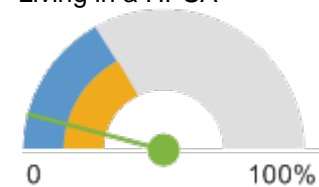
Population Living in a Health Professional Shortage Area

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	2,973	8.29%
Iowa	3,046,355	1,075,510	35.3%
United States	308,745,538	105,203,742	34.07%

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. March 2015. Source geography: HPSA

Percentage of Population Living in a HPSA



Lee County, IA (8.29%)
Iowa (35.3%)
United States (34.07%)

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	1	0	1
Iowa	61	51	51	163
United States	3,427	3,060	2,915	8,810

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Health Resources and Services Administration. March 2015. Source geography: Address



Facilities Designated as HPSAs by Location, HRSA HPSA Database March 2015

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

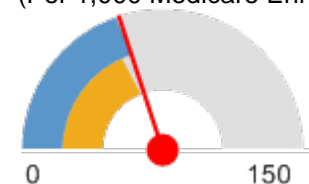
Preventable Hospital Events

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.

Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Lee County, IA	5,677	340	59.9
Iowa	395,880	22,060	55.72
United States	58,209,898	3,448,111	59.24

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2012. Source geography: County

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



■ Lee County, IA (59.9)
■ Iowa (55.72)
■ United States (59.24)

Health Behaviors

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

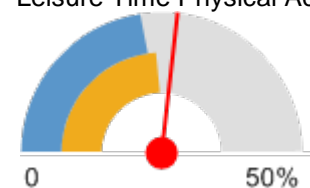
Physical Inactivity

Within the Lee County area, 7,676 or 26.8% 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	27,124	7,676	26.8%
Iowa	2,259,109	564,776	24.24%
United States	231,341,061	53,415,737	22.64%

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2012. Source geography: County

Percent Population with no Leisure Time Physical Activity



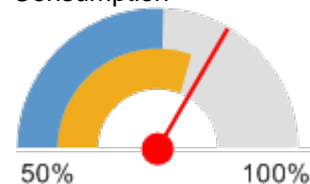
■ Lee County, IA (26.8%)
■ Iowa (24.24%)
■ United States (22.64%)

Fruit/Vegetable Consumption

In the Lee County 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 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%

Percent Adults with Inadequate Fruit / Vegetable Consumption



■ Lee County, IA (83.4%)
■ Iowa (80.7%)
■ United States (75.67%)

Iowa	2,268,969	1,831,058	80.7%
United States	227,279,010	171,972,118	75.67%

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

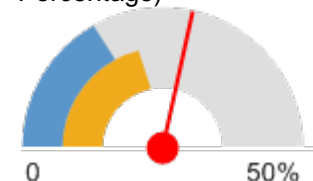
Alcohol Consumption

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	6,857	24.6%	28.5%
Iowa	2,307,562	463,820	20.1%	21.4%
United States	232,556,016	38,248,349	16.45%	16.94%

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

Estimated Adults Drinking Excessively (Age-Adjusted Percentage)



■ Lee County, IA (28.5%)
■ Iowa (21.4%)
■ United States (16.94%)

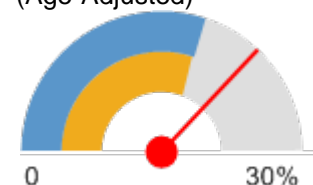
Tobacco Usage - Current Smokers

In the Lee County 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	17.84%	18.08%

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

Percent Population Smoking Cigarettes (Age-Adjusted)



■ Lee County, IA (22.3%)
■ Iowa (18.1%)
■ United States (18.08%)

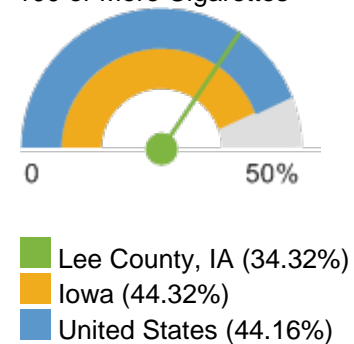
Tobacco Usage - Former or Current Smokers

In the Lee County 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

Percent Adults Ever Smoking 100 or More Cigarettes



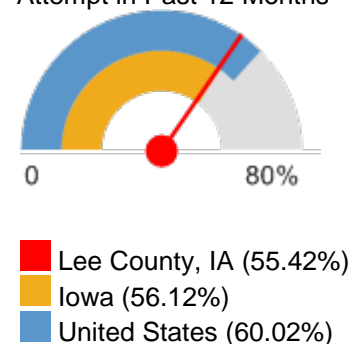
Tobacco Usage - Quit Attempt

An estimated 55.42% of adult smokers in the Lee County 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%

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

Percent Smokers with Quit Attempt in Past 12 Months



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.

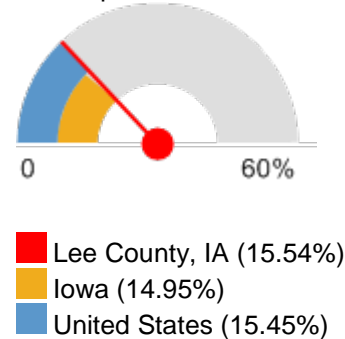
Depression (Medicare Population)

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

Report Area	Total Medicare Beneficiaries	Beneficiaries with Depression	Percent with Depression
Lee County, IA	6,482	1,007	15.54%
Iowa	450,866	67,386	14.95%
United States	34,126,305	5,271,176	15.45%

Data Source: Centers for Medicare and Medicaid Services. 2012. Source geography: County

Percentage of Medicare Beneficiaries with Depression



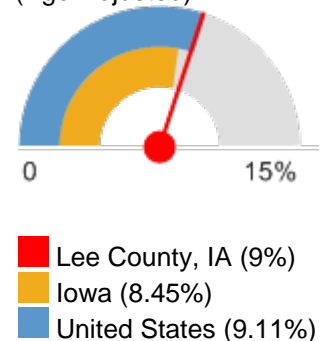
Diabetes (Adult)

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	27,231	2,941	10.8	9%
Iowa	2,257,885	214,520	9.5	8.45%
United States	234,058,710	23,059,940	9.85	9.11%

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2012. Source geography: County

Percent Adults with Diagnosed Diabetes (Age-Adjusted)



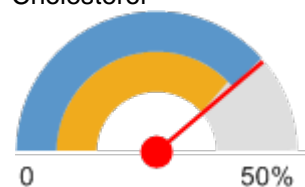
High Cholesterol (Adult)

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%

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 High Cholesterol



■ Lee County, IA (38.78%)
■ Iowa (37.91%)
■ United States (38.52%)

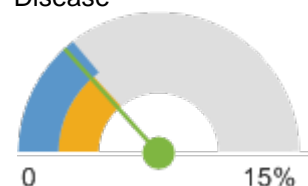
Heart Disease (Adult)

840, or 3.96% 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, IA	21,212	840	3.96%
Iowa	2,307,278	96,325	4.17%
United States	236,406,904	10,407,185	4.40%

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



■ Lee County, IA (3.96%)
■ Iowa (4.17%)
■ United States (4.40%)

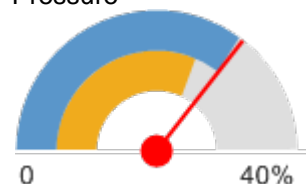
High Blood Pressure (Adult)

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%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-12. Source geography: County

Percent Adults with High Blood Pressure



■ Lee County, IA (28.5%)
■ Iowa (25.2%)
■ United States (28.16%)

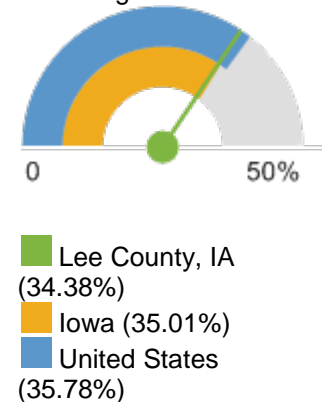
Overweight

34.38% 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	34.38%
Iowa	2,193,149	767,907	35.01%
United States	224,991,207	80,499,532	35.78%

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



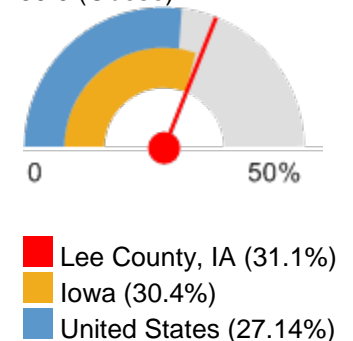
Obesity

31.1% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the Lee County 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	27,180	8,589	31.1%
Iowa	2,259,684	693,423	30.4%
United States	231,417,834	63,336,403	27.14%

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2012. Source geography: County

Percent Adults with BMI > 30.0 (Obese)



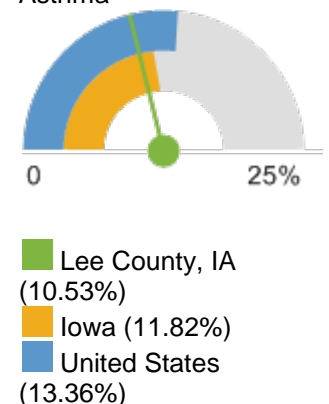
Asthma Prevalence

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	10.53%
Iowa	2,314,076	273,507	11.82%
United States	237,197,465	31,697,608	13.36%

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 Asthma



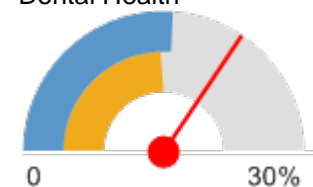
Poor Dental Health

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	20.69%
Iowa	2,307,562	341,535	14.8%
United States	235,375,690	36,842,620	15.65%

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

Percent Adults with Poor Dental Health



■ Lee County, IA (20.69%)
■ Iowa (14.8%)
■ United States (15.65%)

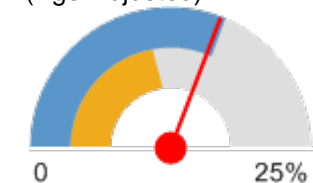
Poor General Health

Within the Lee County 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	16.24%	15.74%

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

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



■ Lee County, IA (15.4%)
■ Iowa (11.2%)
■ United States (15.74%)

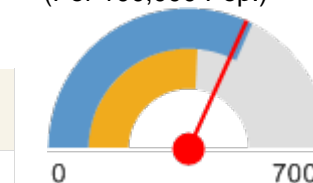
Chlamydia Incidence

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, IA	35,621	159	446.4
Iowa	3,062,309	11,377	371.52
United States	311,577,841	1,422,976	456.7

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. 2012. Source geography: County

Chlamydia Infection Rate (Per 100,000 Pop.)



■ Lee County, IA (446.4)
■ Iowa (371.52)
■ United States (456.7)

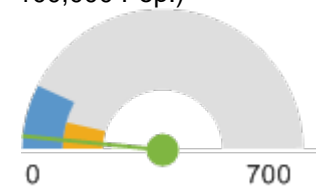
Gonorrhea Incidence

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	35,621	8	22.5
Iowa	3,062,309	2,006	65.51
United States	311,466,046	334,826	107.5

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. 2012. Source geography: County

Gonorrhea Infection Rate (Per 100,000 Pop.)



Lee County, IA (22.5)
Iowa (65.51)
United States (107.5)

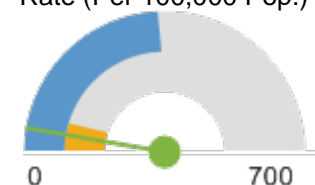
HIV Prevalence

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	Total Population	Population with HIV / AIDS	Population with HIV / AIDS, Rate (Per 100,000 Pop.)
Lee County, IA	30,326	12	39.4
Iowa	2,527,152	1,722	68.14
United States	509,288,471	1,733,459	340.37

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. 2010. Source geography: County

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



Lee County, IA (39.4)
Iowa (68.14)
United States (340.37)

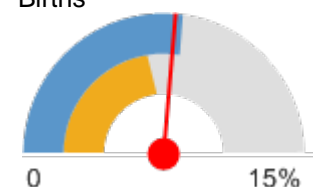
Low Birth Weight

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



Lee County, IA (7.9%)
Iowa (6.8%)
United States (8.2%)

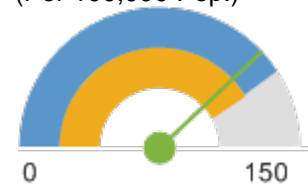
Cancer Incidence - Breast

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	Female Population	Average New Cases per Year	Annual Incidence Rate (Per 100,000 Pop.)
Lee County, IA	17,817	28	114.3
Iowa	1,533,866	2,284	124.8
United States	155,863,552	216,052	122.7
HP 2020 Target			<= 40.9

Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2007-11. Source geography: County

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



Lee County, IA (114.3)
Iowa (124.8)
United States (122.7)

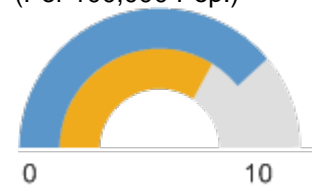
Cancer Incidence - Cervical

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	Female Population	Average New Cases per Year	Annual Incidence Rate (Per 100,000 Pop.)
Lee County, IA	17,817	no data	no data
Iowa	1,533,866	103	6.8
United States	155,863,552	12,530	7.8
HP 2020 Target			<= 7.1

Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2007-11. Source geography: County

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



Iowa (6.8)
United States (7.8)

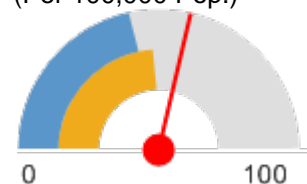
Cancer Incidence - Colon and Rectum

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).

Report Area	Total Population	Average New Cases per Year	Annual Incidence Rate (Per 100,000 Pop.)
Lee County, IA	35,854	28	57.5
Iowa	3,032,266	1,753	48.4
United States	306,603,776	142,173	43.3
HP 2020 Target			<= 38.7

Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2007-11. Source geography: County

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



■ Lee County, IA (57.5)
■ Iowa (48.4)
■ United States (43.3)

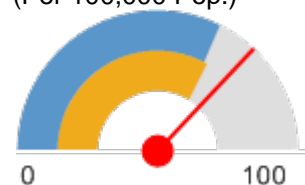
Cancer Incidence - Lung

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).

Report Area	Total Population	Average New Cases per Year	Annual Incidence Rate (Per 100,000 Pop.)
Lee County, IA	35,854	36	74
Iowa	3,032,266	2,402	66.8
United States	306,603,776	212,768	64.9

Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2007-11. Source geography: County

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



■ Lee County, IA (74)
■ Iowa (66.8)
■ United States (64.9)

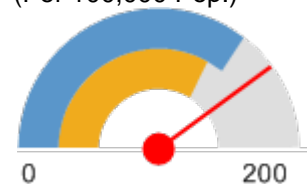
Cancer Incidence - Prostate

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).

Report Area	Male Population	Average New Cases per Year	Annual Incidence Rate (Per 100,000 Pop.)
Lee County, IA	18,037	37	159.7
Iowa	1,498,400	2,224	133.3
United States	150,740,224	220,000	142.3

Data Source: National Institutes of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. State Cancer Profiles. 2007-11. Source geography: County

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



■ Lee County, IA (159.7)
■ Iowa (133.3)
■ United States (142.3)

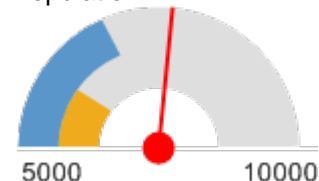
Mortality - Premature Death

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, 2008-2010 Average	Total Premature Deaths, 2008-2010 Average	Total Years of Potential Life Lost, 2008-2010 Average	Years of Potential Life Lost, Rate per 100,000 Population
Lee County, IA	35,621	157	2,726	7,651
Iowa	3,062,309	10,015	184,182	6,014
United States	311,616,188	1,074,667	21,327,690	6,851

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2008-10. Source geography: County

Years of Potential Life Lost, Rate per 100,000 Population



■ Lee County, IA (7,651)
■ Iowa (6,014)
■ United States (6,851)

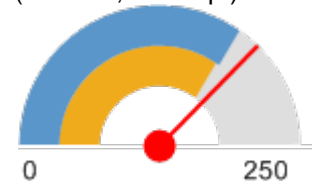
Mortality - Cancer

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, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,858	91	254.34	187.35
Iowa	3,031,496	6,378	210.38	173.82
United States	306,486,831	569,481	185.81	174.08
HP 2020 Target				<= 160.6

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. 2007-11. Source geography: County

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



■ Lee County, IA (187.35)
■ Iowa (173.82)
■ United States (174.08)

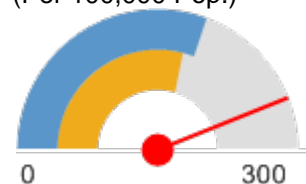
Mortality - Heart Disease

Within the Lee County area the rate of death due to coronary heart disease per 100,000 population is 263.1. 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, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,858	137	383.18	263.1
Iowa	3,031,496	6,944	229.05	175.6
United States	306,486,831	605,315	197.5	184.55

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. 2007-11. Source geography: County

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



■ Lee County, IA (263.1)
■ Iowa (175.6)
■ United States (184.55)

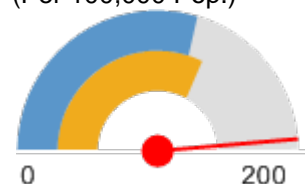
Mortality - Ischaemic Heart Disease

Within the Lee County area the rate of death due to coronary heart disease per 100,000 population is 194.18. This rate is greater than 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 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, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,858	101	281.67	194.18
Iowa	3,031,496	5,127	169.12	130.11
United States	306,486,831	390,568	127.43	118.96
HP 2020 Target				<= 103.4

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. 2007-11. Source geography: County

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



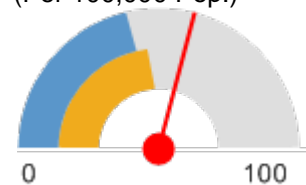
■ Lee County, IA (194.18)
■ Iowa (130.11)
■ United States (118.96)

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.

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	35,858	28	79.2	58.06
Iowa	3,031,496	1,774	58.53	47.01

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



■ Lee County, IA (58.06)
■ Iowa (47.01)
■ United States (42.67)

United States	306,486,831	137,478	44.86	42.67
---------------	-------------	---------	-------	-------

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. 2007-11. Source geography: County

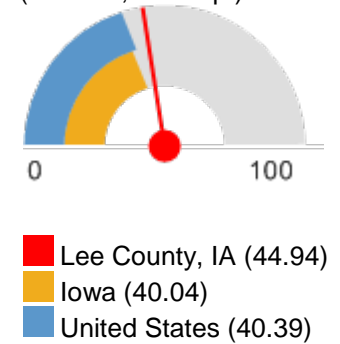
Mortality - Stroke

Within the Lee County area there are an estimated 44.94 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is greater than 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.

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	35,858	24	66.37	44.94
Iowa	3,031,496	1,604	52.92	40.04
United States	306,486,831	131,470	42.9	40.39
HP 2020 Target				<= 33.8

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. 2007-11. Source geography: County

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



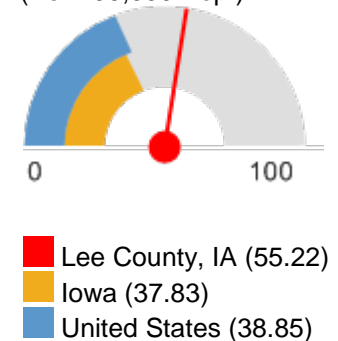
Mortality - Unintentional Injury

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.

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	35,858	23	63.58	55.22
Iowa	3,031,496	1,283	42.32	37.83
United States	306,486,831	122,185	39.87	38.85
HP 2020 Target				<= 36.0

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. 2007-11. Source geography: County

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



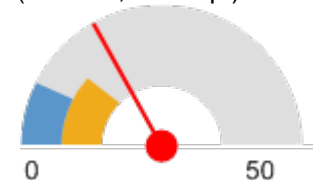
Mortality - Motor Vehicle Accident

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.

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	35,858	7	18.96	16.96
Iowa	3,031,496	376	12.4	12.12
United States	306,486,831	23,559	7.69	7.55

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. 2007-11. Source geography: County

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



■ Lee County, IA (16.96)
■ Iowa (12.12)
■ United States (7.55)

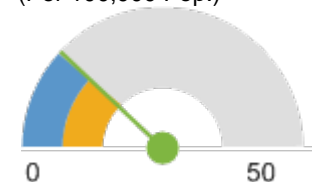
Mortality - Suicide

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, 2007-2011	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Lee County, IA	35,858	5	12.83	11.88
Iowa	3,031,496	371	12.25	12.24
United States	306,486,831	37,085	12.1	11.82
HP 2020 Target				<= 10.2

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. 2007-11. Source geography: County

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



■ Lee County, IA (11.88)
■ Iowa (12.24)
■ United States (11.82)

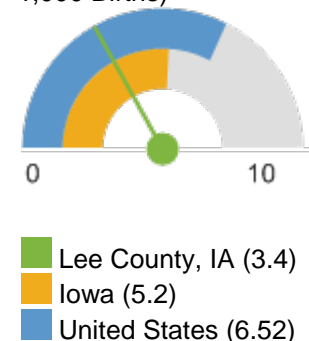
Infant Mortality

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	6.52
HP 2020 Target			<= 6.0

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. 2006-10. Source geography: County

Infant Mortality Rate (Per 1,000 Births)



Please see [Health Indicators Report footnotes](#) for information about the data background, analysis methodologies and other related notes.

Note: This previous section of the CHNA Community DATA profile Report was formatted using data prepared by [Community Commons](#), on August 13, 2013 and modified by Lee County Health Department in preparation of the CHNA data review process.

The next data sets have been added in from other data sources available by county level for stakeholder review.

County Health Ranking Data

The **County Health Rankings**, a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute, measure the health of nearly all counties in the nation and rank them within states. The **Rankings** are compiled using county-level measures from a variety of national and state data sources. These measures are standardized and combined using scientifically-informed weights.

What We Rank



The **County Health Rankings** are based on counties and county equivalents (ranked places). Any entity that has its own Federal Information Processing Standard (FIPS) county code is included in the **Rankings**. We only rank counties and county equivalents within a state. The major goal of the **Rankings** is to raise awareness about the many factors that influence health and that health varies from place to place, not to produce a list of the healthiest 10 or 20 counties in the nation and only focus on that.

Lee (LE)

	Lee County	Error Margin	Top U.S. Performers*	Iowa	Rank (of 99)
Health Outcomes					92
Length of Life					85
Premature death	7,767	6,752-8,781	5,200	5,911	
Quality of Life					92
Poor or fair health	15%	12-20%	10%	11%	
Poor physical health days	3.8	2.9-4.7	2.5	2.8	
Poor mental health days	2.5	1.8-3.1	2.3	2.6	
Low birthweight	7.9%	6.9-8.9%	5.9%	6.8%	
Health Factors					99
Health Behaviors					99
Adult smoking	21%	16-26%	14%	18%	
Adult obesity	36%	31-42%	25%	30%	
Food environment index	7.6		8.4	7.8	
Physical inactivity	27%	22-32%	20%	24%	
Access to exercise opportunities	76%		92%	79%	
Excessive drinking	26%	20-34%	10%	20%	
Alcohol-impaired driving deaths	22%		14%	23%	
Sexually transmitted infections	446		138	370	
Teen births	48	43-53	20	30	
Clinical Care					50
Uninsured	10%	9-11%	11%	10%	
Primary care physicians	1,425:1		1,045:1	1,375:1	
Dentists	2,549:1		1,377:1	1,670:1	
Mental health providers	1,487:1		386:1	904:1	
Preventable hospital stays	60	54-66	41	56	
Diabetic monitoring	89%	82-97%	90%	89%	
Mammography screening	61.6%	54.5-68.8%	70.7%	66.4%	
Social & Economic Factors					99
High school graduation	84%			89%	
Some college	59.7%	53.7-65.6%	71.0%	69.1%	
Unemployment	7.5%		4.0%	4.6%	
Children in poverty	23%	17-29%	13%	16%	
Income inequality	3.9	3.6-4.2	3.7	4.2	
Children in single-parent households	42%	34-49%	20%	29%	
Social associations	17.7		22.0	15.6	
Violent crime	524		59	263	
Injury deaths	81	67-94	50	59	
Physical Environment					72
Air pollution - particulate matter	10.4		9.5	10.9	
Drinking water violations	0%		0%	7%	
Severe housing problems	12%	10-13%	9%	12%	
Driving alone to work	86%	84-88%	71%	80%	
Long commute - driving alone	18%	15-20%	15%	19%	

* 90th percentile, i.e., only 10% are better.

Note: Blank values reflect unreliable or missing data

Top 5 County Death Causes by Year

Year	COUNTY	Rank	0-18 Years		19-64 Years		65+ Years		All Ages	
			Cause	#	Cause	#	Cause	#	Cause	#
2014	Lee	1	Perinatal Period Conditions	*	Diseases of Heart	19	Diseases of Heart	105	Diseases of Heart	124
2014	Lee	2	Firearms Discharge	*	Nontransport Accidents	7	All Other Diseases (Residual)	37	All Other Diseases (Residual)	43
2014	Lee	3	Symptoms, Signs, Abnormal Clinical/Lab Findings	*	All Other Diseases (Residual)	6	Alzheimer's Disease	30	Alzheimer's Disease	30
2014	Lee	4	Transport Accidents	*	Other Chronic Lower Respiratory Diseases	6	Trachea, Bronchus, Lung	24	Trachea, Bronchus, Lung	29
2014	Lee	5	NDA	NDA	Pancreas	6	Cerebrovascular Diseases	23	Cerebrovascular Diseases	25



Top 10 County Hospitalization Causes by Year

Year	County	Rank	0-18 Years		19-64 Years		65+ Years		All Ages	
			Cause	#	Cause	#	Cause	#	Cause	#
2014	Lee	1	Normal Pregnancy &/or Delivery	369	Complications of Pregnancy, Childbirth, and the Puerperium	370	Heart Disease	225	Complications of Pregnancy, Childbirth, and the Puerperium	385
2014	Lee	2	Mental Health Conditions	44	Mental Health Conditions	195	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	163	Normal Pregnancy &/or Delivery	384
2014	Lee	3	Respiratory Infections	41	Other Digestive System Diseases	107	Respiratory Infections	120	Heart Disease	314
2014	Lee	4	Conditions Originating in the Perinatal Period	23	Osteoarthritis	102	Osteoarthritis	113	Mental Health Conditions	256
2014	Lee	5	Complications of Pregnancy, Childbirth, and the Puerperium	15	Heart Disease	88	Bacterial Infections	89	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	222
2014	Lee	6	Injuries	12	Injuries	77	Other Respiratory System Diseases	89	Osteoarthritis	215
2014	Lee	7	Asthma	11	Bacterial Infections	69	Urinary System Diseases	84	Respiratory Infections	211
2014	Lee	8	Congenital Anomalies	10	Other Musculoskeletal System & Connective Tissue Diseases	68	Fractures	76	Other Digestive System Diseases	184
2014	Lee	9	Other Endocrine, Nutritional, & Metabolic Diseases & Immunity Disorders	7	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	53	Other Digestive System Diseases	74	Bacterial Infections	162
2014	Lee	10	Urinary System Diseases	7	Respiratory Infections	50	Chronic Lower Respiratory Disease	59	Injuries	148



Top 10 County Emergency Room Visits by Year

Year	County	Rank	0-18 Years		19-64 Years		65+ Years		All Ages	
			Cause	#	Cause	#	Cause	#	Cause	#
2014	Lee	1	Injuries	1198	Injuries	2637	Injuries	621	Injuries	4456
2014	Lee	2	Respiratory Infections	958	Other Digestive System Diseases	1235	Heart Disease	393	Respiratory Infections	2205
2014	Lee	3	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	523	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	1191	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	376	Symptoms; Signs; & Ill-Defined Conditions; Factors Influencing Health Care	2090
2014	Lee	4	Ear Conditions	429	Other Musculoskeletal System & Connective Tissue Diseases	1161	Other Musculoskeletal System & Connective Tissue Diseases	289	Other Digestive System Diseases	1653
2014	Lee	5	Viral Infections	256	Respiratory Infections	1084	Urinary System Diseases	192	Other Musculoskeletal System & Connective Tissue Diseases	1544
2014	Lee	6	Other Digestive System Diseases	244	Other Nervous System & Sense Organs Diseases	1074	Other Digestive System Diseases	174	Other Nervous System & Sense Organs Diseases	1253
2014	Lee	7	Skin & Subcutaneous Tissue Diseases	214	Mental Health Conditions	712	Respiratory Infections	163	Heart Disease	1091
2014	Lee	8	Fractures	147	Heart Disease	660	Fractures	144	Urinary System Diseases	876
2014	Lee	9	Urinary System Diseases	112	Urinary System Diseases	572	Chronic Lower Respiratory Disease	114	Mental Health Conditions	873
2014	Lee	10	Mental Health Conditions	99	Skin & Subcutaneous Tissue Diseases	524	Other Nervous System & Sense Organs Diseases	112	Skin & Subcutaneous Tissue Diseases	821



Iowa Child Abuse by County, 2013

<i>County</i>	<i>2011 Pop 0-17</i>	<i>2012 Poverty rate</i>	<i>2013 Accepted reports</i>	<i>2013 Confirmed or founded reports</i>	<i>2013 Confirmation rate</i>	<i>2013 Abused children</i>	<i>2013 Confirmed ch'n abused/ 1,000 ch'n.</i>	<i>2013 Rank in rate of abuse</i>
Adair	1,647	14.9%	55	20	36.4%	32	19.43	33
Adams	829	20.7%	45	22	48.9%	33	39.81	1
Allamakee	3,175	19.2%	82	21	25.6%	39	12.28	77
Appanoose	2,778	24.0%	125	33	26.4%	52	18.72	36
Audubon	1,261	17.9%	24	4	16.7%	8	6.34	98
Benton	6,400	12.2%	178	48	27.0%	63	9.84	90
Black Hawk	27,522	16.6%	1,248	411	32.9%	564	20.49	27
Boone	5,906	12.4%	201	60	29.9%	86	14.56	58
Bremer	5,278	7.4%	105	42	40.0%	56	10.61	84
Buchanan	5,419	17.0%	145	33	22.8%	51	9.41	92
Buena Vista	4,976	19.2%	164	54	32.9%	87	17.48	46
Butler	3,475	12.9%	115	48	41.7%	61	17.55	45
Calhoun	2,035	16.7%	91	31	34.1%	41	20.15	28
Carroll	4,992	11.7%	140	47	33.6%	68	13.62	67
Cass	3,058	20.4%	107	37	34.6%	55	17.99	38
Cedar	4,366	10.7%	135	39	28.9%	45	10.31	85
Cerro Gordo	9,176	18.8%	411	153	37.2%	219	23.87	19
Cherokee	2,477	14.5%	82	33	40.2%	39	15.74	54
Chickasaw	2,942	14.1%	71	22	31.0%	37	12.58	74
Clarke	2,289	19.6%	87	20	23.0%	26	11.36	81
Clay	3,747	15.8%	153	63	41.2%	95	25.35	16
Clayton	4,000	17.9%	109	40	36.7%	58	14.50	59
Clinton	11,193	20.3%	548	182	33.2%	255	22.78	20
Crawford	4,511	23.5%	103	38	36.9%	60	13.30	68
Dallas	19,888	7.3%	364	101	27.7%	139	6.99	97
Davis	2,527	33.6%	71	23	32.4%	28	11.08	82
Decatur	1,837	30.1%	80	33	41.3%	51	27.76	13
Delaware	4,286	12.6%	112	33	29.5%	43	10.03	86
Des Moines	9,046	27.5%	473	153	32.3%	196	21.67	25
Dickinson	3,185	12.1%	105	45	42.9%	62	19.47	31
Dubuque	21,901	15.2%	787	275	34.9%	386	17.62	43
Emmet	2,177	18.7%	87	32	36.8%	54	24.80	17
Fayette	4,573	19.0%	162	45	27.8%	60	13.12	69
Floyd	3,714	17.4%	160	71	44.4%	103	27.73	14
Franklin	2,490	17.6%	87	45	51.7%	60	24.10	18
Fremont	1,625	17.3%	51	10	19.6%	16	9.85	89
Greene	2,093	19.0%	88	28	31.8%	42	20.07	29
Grundy	2,917	8.0%	67	22	32.8%	29	9.94	87
Guthrie	2,479	14.6%	85	27	31.8%	40	16.14	52
Hamilton	3,601	16.8%	149	67	45.0%	105	29.16	9
Hancock	2,591	13.8%	67	28	41.8%	38	14.67	57
Hardin	3,767	18.7%	232	79	34.1%	107	28.40	10
Harrison	3,437	16.0%	102	38	37.3%	49	14.26	61
Henry	4,497	20.6%	229	87	38.0%	102	22.68	21
Howard	2,357	18.4%	63	19	30.2%	29	12.30	76
Humboldt	2,186	16.5%	84	48	57.1%	65	29.73	8
Ida	1,690	15.2%	79	29	36.7%	48	28.40	11
Iowa	3,830	10.6%	108	25	23.1%	33	8.62	93
Jackson	4,405	21.1%	173	70	40.5%	93	21.11	26
Jasper	8,076	13.6%	440	172	39.1%	241	29.84	7
Jefferson	2,948	22.4%	138	41	29.7%	46	15.60	56

Prepared by: Prevent Child Abuse Iowa, www.pcaiowa.org, 8/19/2015

Source: Iowa Dept. of Human Services

Iowa Child Abuse by County, 2013

<i>County</i>	<i>2011 Pop 0-17</i>	<i>2012 Poverty rate</i>	<i>2013 Accepted reports</i>	<i>2013 Confirmed or founded reports</i>	<i>2013 Confirmation rate</i>	<i>2013 Abused children</i>	<i>2013 Confirmed ch'n abused/ 1,000 ch'n.</i>	<i>2013 Rank in rate of abuse</i>
Johnson	25,585	12.6%	672	251	37.4%	325	12.70	73
Jones	4,437	14.4%	134	37	27.6%	52	11.72	80
Keokuk	2,330	19.3%	100	29	29.0%	41	17.60	44
Kossuth	3,387	14.0%	77	28	36.4%	47	13.88	64
Lee	7,585	22.4%	410	156	38.0%	210	27.69	15
Linn	50,775	11.2%	1,933	525	27.2%	701	13.81	65
Louisa	2,827	16.4%	81	20	24.7%	28	9.90	88
Lucas	2,082	25.3%	69	25	36.2%	34	16.33	51
Lyon	3,206	11.6%	48	14	29.2%	15	4.68	99
Madison	4,168	10.5%	116	33	28.4%	53	12.72	72
Mahaska	5,352	18.1%	252	81	32.1%	104	19.43	32
Marion	8,130	12.2%	233	93	39.9%	127	15.62	55
Marshall	10,186	18.6%	489	170	34.8%	223	21.89	24
Mills	3,683	14.1%	111	27	24.3%	44	11.95	78
Mitchell	2,567	16.3%	54	17	31.5%	18	7.01	96
Monona	1,985	20.3%	61	18	29.5%	28	14.11	62
Monroe	1,896	19.1%	72	24	33.3%	31	16.35	49
Montgomery	2,407	20.4%	134	67	50.0%	89	36.98	3
Muscatine	10,874	18.0%	453	134	29.6%	174	16.00	53
O'Brien	3,244	12.5%	124	45	36.3%	53	16.34	50
Osceola	1,399	13.8%	35	12	34.3%	20	14.30	60
Page	3,250	21.8%	161	67	41.6%	100	30.77	5
Palo Alto	2,034	15.0%	65	24	36.9%	39	19.17	35
Plymouth	6,235	10.2%	132	42	31.8%	68	10.91	83
Pocahontas	1,484	18.8%	82	28	34.1%	45	30.32	6
Polk	109,526	16.9%	3,888	1,433	36.9%	1,956	17.86	40
Pottawattamie	21,896	17.5%	1,054	280	26.6%	423	19.32	34
Poweshiek	3,842	14.3%	155	63	40.6%	87	22.64	22
Ringgold	1,206	27.1%	33	11	33.3%	15	12.44	75
Sac	2,231	14.7%	65	27	41.5%	40	17.93	39
Scott	39,777	17.3%	1,676	631	37.6%	787	19.79	30
Shelby	2,722	12.2%	96	26	27.1%	35	12.86	70
Sioux	9,055	9.4%	102	46	45.1%	67	7.40	95
Story	15,362	11.6%	492	165	33.5%	254	16.53	48
Tama	4,327	18.6%	179	50	27.9%	61	14.10	63
Taylor	1,449	19.0%	40	18	45.0%	20	13.80	66
Union	2,905	20.9%	156	67	42.9%	100	34.42	4
Van Buren	1,760	26.6%	45	11	24.4%	17	9.66	91
Wapello	7,898	21.8%	445	126	28.3%	174	22.03	23
Warren	11,802	11.5%	355	121	34.1%	151	12.79	71
Washington	5,360	15.3%	188	53	28.2%	64	11.94	79
Wayne	1,458	27.2%	41	17	41.5%	26	17.83	41
Webster	8,084	20.5%	423	175	41.4%	225	27.83	12
Winnebago	2,263	16.3%	79	34	43.0%	40	17.68	42
Winneshiek	4,125	10.7%	64	22	34.4%	32	7.76	94
Woodbury	26,565	21.9%	1,078	320	29.7%	494	18.60	37
Worth	1,689	13.9%	57	21	36.8%	28	16.58	47
Wright	2,967	17.6%	153	80	52.3%	116	39.10	2
Totals	710,952	17.0%	26,129	8,911	34.1%	12,276	17.27	



CHSI

INFORMATION FOR
IMPROVING COMMUNITY HEALTH

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION

Lee County, IA



The following Summary Comparison Report provides an “at a glance” summary of how the selected county compares with **peer counties** on the full set of **Primary Indicators**. Peer county values for each indicator were ranked and then divided into quartiles.

	<div>Better</div> <div></div> <div>(most favorable quartile)</div>	<div>Moderate</div> <div></div> <div>(middle two quartiles)</div>	<div>Worse</div> <div></div> <div>(least favorable quartile)</div>
Mortality	<div><u>Chronic kidney disease deaths</u></div> <div><u>Diabetes deaths</u></div>	<div><u>Cancer deaths</u></div> <div><u>Chronic lower respiratory disease (CLRD) deaths</u></div> <div><u>Female life expectancy</u></div> <div><u>Male life expectancy</u></div> <div><u>Motor vehicle deaths</u></div> <div><u>Stroke deaths</u></div> <div><u>Unintentional injury (including motor vehicle)</u></div>	<div><u>Alzheimer's disease deaths</u></div> <div><u>Coronary heart disease deaths</u></div>
Morbidity	<div><u>Alzheimer's diseases/dementia</u></div> <div><u>HIV</u></div> <div><u>Syphilis</u></div>	<div><u>Adult diabetes</u></div> <div><u>Adult obesity</u></div> <div><u>Adult overall health status</u></div> <div><u>Cancer</u></div> <div><u>Gonorrhea</u></div> <div><u>Older adult asthma</u></div> <div><u>Older adult depression</u></div> <div><u>Preterm births</u></div>	
Health Care Access and Quality	<div><u>Uninsured</u></div>	<div><u>Cost barrier to care</u></div> <div><u>Older adult preventable hospitalizations</u></div> <div><u>Primary care provider access</u></div>	
Health Behaviors		<div><u>Adult female routine pap tests</u></div> <div><u>Adult physical inactivity</u></div> <div><u>Adult smoking</u></div> <div><u>Teen Births</u></div>	<div><u>Adult binge drinking</u></div>
Social Factors	<div><u>High housing costs</u></div> <div><u>Inadequate social support</u></div>	<div><u>On time high school graduation</u></div> <div><u>Poverty</u></div> <div><u>Unemployment</u></div>	<div><u>Children in single-parent households</u></div> <div><u>Violent crime</u></div>
Physical Environment	<div><u>Access to parks</u></div> <div><u>Housing stress</u></div> <div><u>Limited access to healthy food</u></div>	<div><u>Annual average PM2.5 concentration</u></div> <div><u>Living near highways</u></div>	

Date: 8/26/2015
 Dashboard: [County Measures](#)
 [Children U6].[Year].[Year]: 2007 Lee

	Children Born in Same Year 2007 and Lead Tested Before Age 6							
	# Tested		% Tested		# Confirmed Elevated		% Confirmed Elevated	
Lee	419	➡ -6.26%	100.00%	➡ 1.57%	10	➡ -28.57%	2.39%	➡ -23.80%

2014 Iowa Youth Survey and BRFF Data provided from Alcohol and Drugs Dependency Services (ADDs)

- 30 day use of alcohol (B16): **5%** of 6th; **13%** of 8th; and **34%** of 11th have used alcohol at least once in the past 30 days.
- 30 day use of marijuana (B40): **1%** of 6th; **7%** of 8th and **10%** of 11th graders admit to 30 day use of marijuana.
- Ever smoked tobacco or used tobacco products not including e-cigs (B29): **8%** of 6th; **20%** of 8th and **33%** of 11th graders admit to smoking tobacco or using other tobacco products not including e cigs.
- For adults according to BRFFS for the state of Iowa, **55%** of lowans have had at least one drink in the past 30 days.
- **15.1 %** of females have had 4 or more drinks on one occasion and **28.5%** of males have had five or more on one occasion.

Lee County's Community-Wide CHNA Survey Results

Distributed June 30 through September 15, 2015

About the survey:

In June 2015, Lee County Health Department through a collaborative partnership with the Fort Madison Community Hospital and Keokuk Area Hospital, began distributing a community-wide survey encouraging anyone who lives or works in Lee County to complete either on-line or by paper format through September 15, 2015. The purpose of the survey was to seek input from the public's perspective on what the health needs and concerns of the county are. Results will help Lee County stakeholders in understanding the priority health needs of our county population and determine strategies to improve our population health.

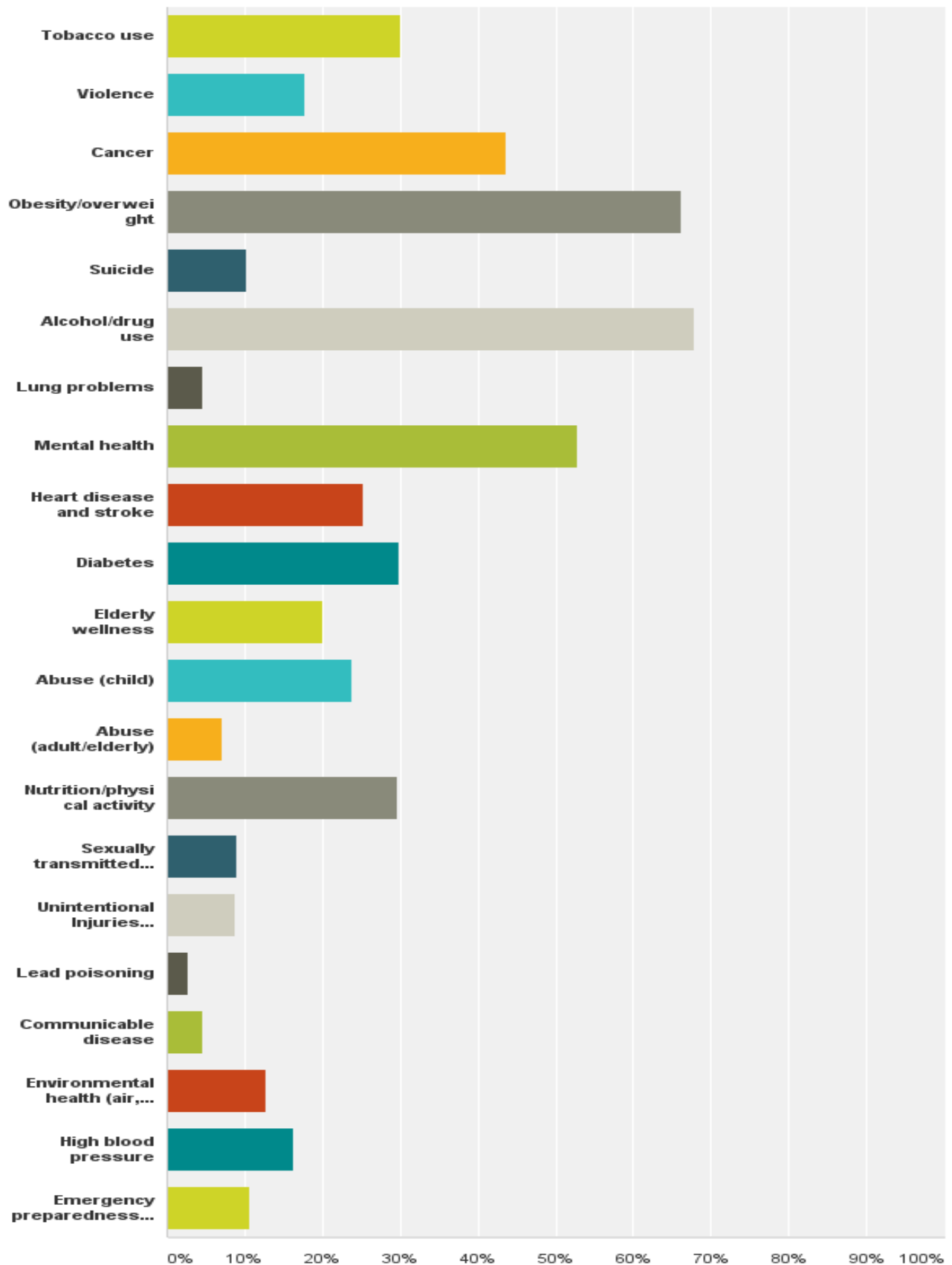
The survey was distributed widely throughout the county through several organizational websites, email contacts, Facebook, through local media outlets including radio, TV and newspapers, and through direct contact with the public in key locations such as the county fair, employee health fairs, senior health sites, Women Infant and Children clinics, immunization clinics, worksites, and through service delivery contacts of our partnering organizations.

We thank all partnering organizations and individuals who helped seek community input during our Community Health Needs Assessment Survey process. A special thanks to Lee County Health Department's student intern, Brianna Gabel, a recent graduate from Western Illinois University who completed research and successfully designed our survey with input from our two hospitals and LCHD's administration, and to Emily Carrick, LCHD's Community Outreach and Education Coordinator, who entered survey data and compiled all the results.

The following charts are the results of 754 responses to each of our survey questions.

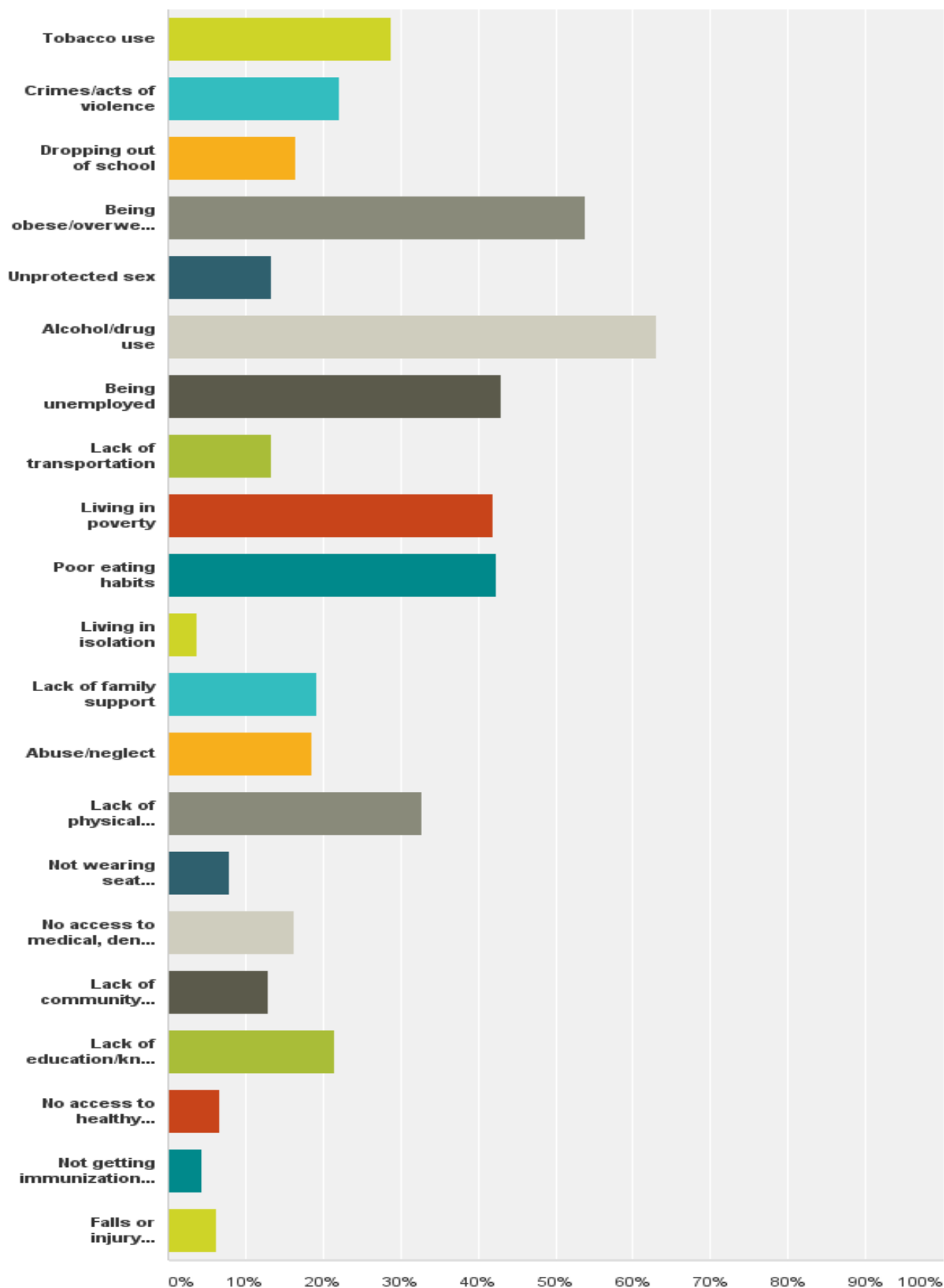
Q1 Please check up to FIVE items from the following list that you think are the most important overall HEALTH CONCERNS in Lee County.

Answered: 758 Skipped: 1



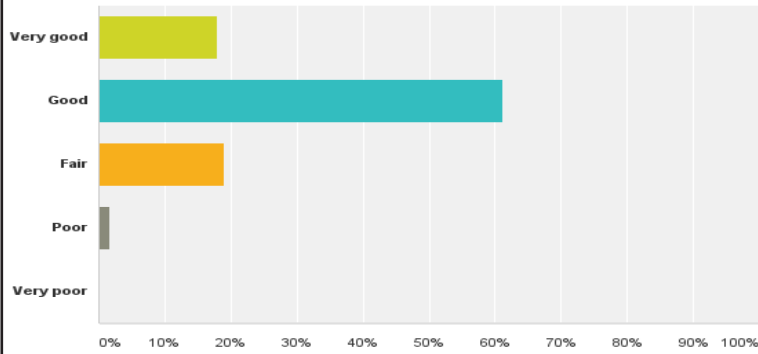
Q2 Please check up to FIVE items from the list below that you think have the greatest IMPACT on our overall health in Lee County.

Answered: 724 Skipped: 35



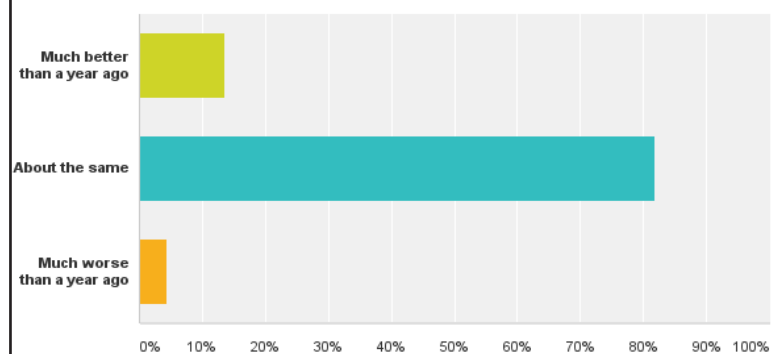
Q4 In general, how would you best describe your health?

Answered: 713 Skipped: 46



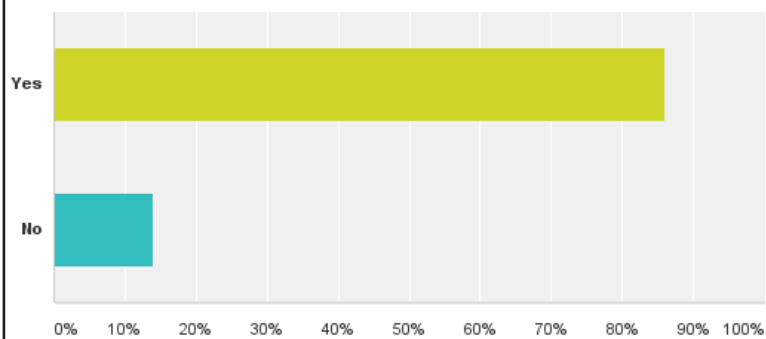
Q5 Compared to a year ago, how would you rate your overall health now?

Answered: 713 Skipped: 46



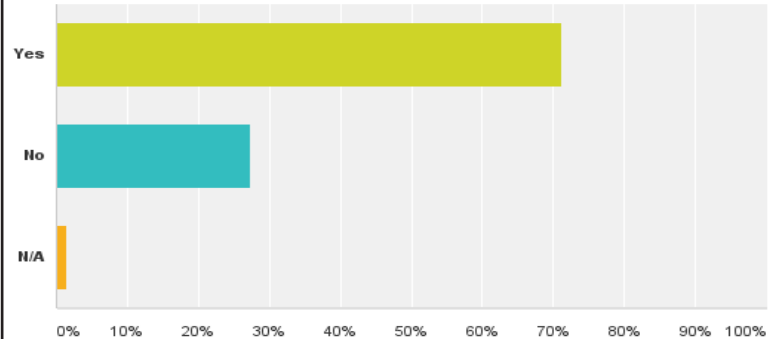
Q6 Do you have a personal healthcare provider you use for primary care?

Answered: 717 Skipped: 42



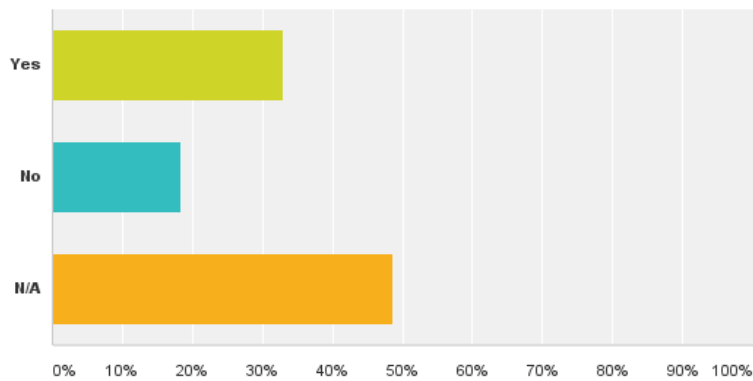
Q7 Have you had a physical in the past 12 months?

Answered: 712 Skipped: 47



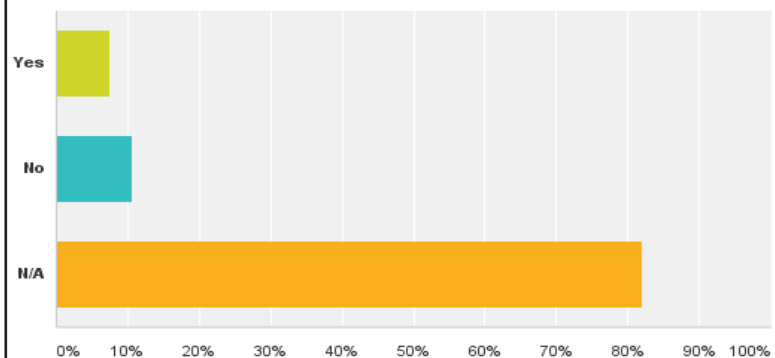
Q8 If over 50, have you had a colonoscopy?

Answered: 711 Skipped: 48



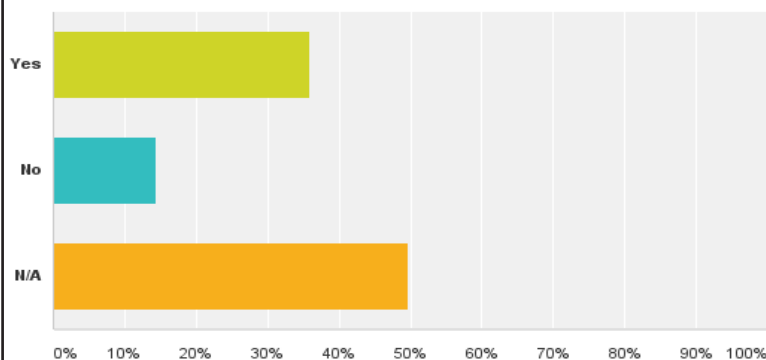
Q9 If male over 40, do you have annual prostate exams?

Answered: 711 Skipped: 48



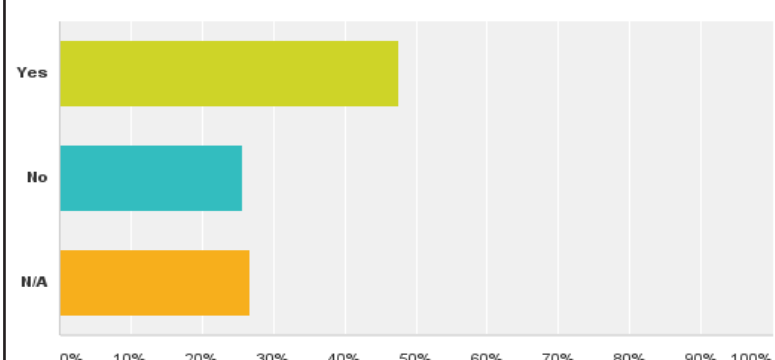
Q10 If female over 40, do you have annual mammograms?

Answered: 711 Skipped: 48



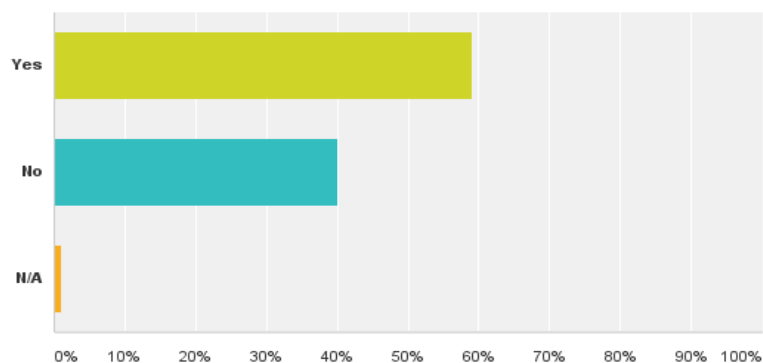
Q11 If female, do you have a pap smear every other year?

Answered: 711 Skipped: 48



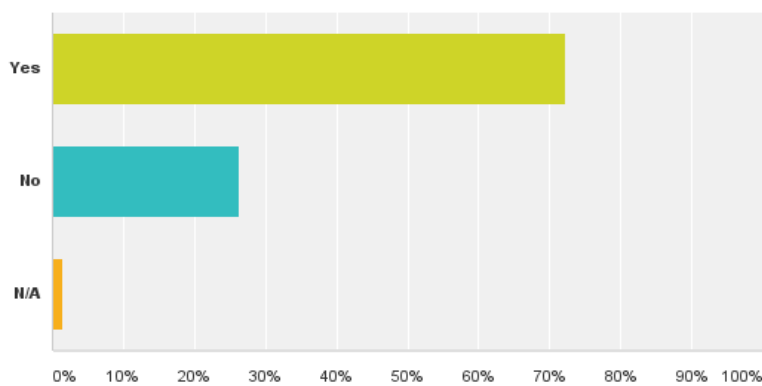
Q12 Do you get 2.5 hours a week of moderately intense physical activity?

Answered: 712 Skipped: 47



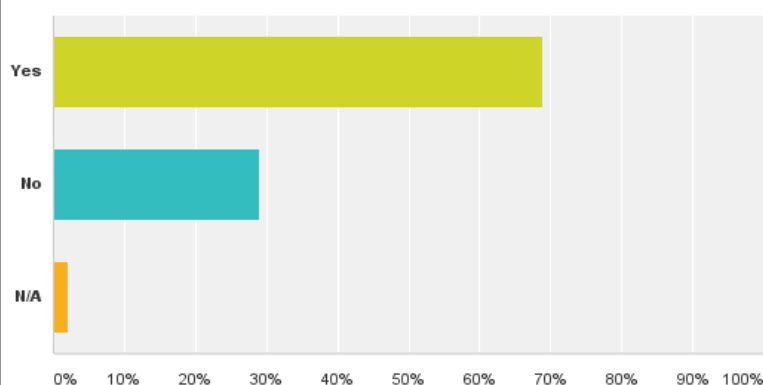
Q13 Do you visit your dentist annually?

Answered: 712 Skipped: 47



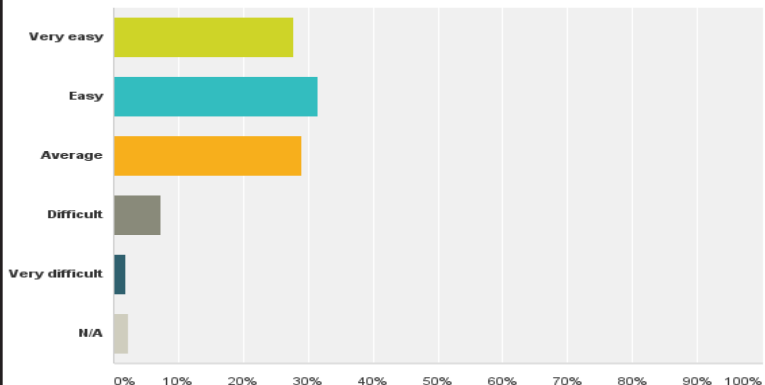
Q14 Do you visit your eye doctor annually?

Answered: 712 Skipped: 47



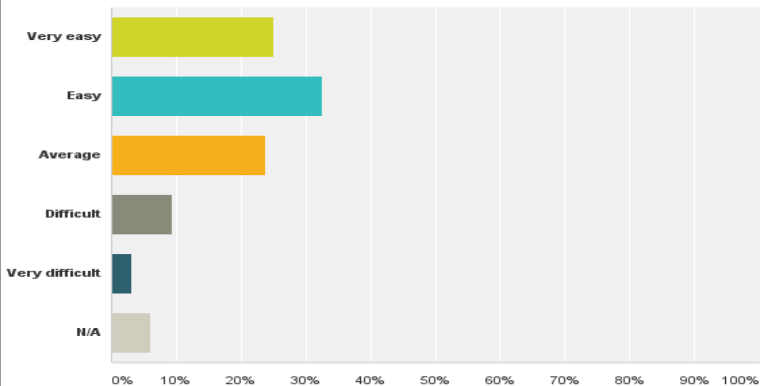
Q15 How easy is it for you to access local services from a doctor?

Answered: 707 Skipped: 52



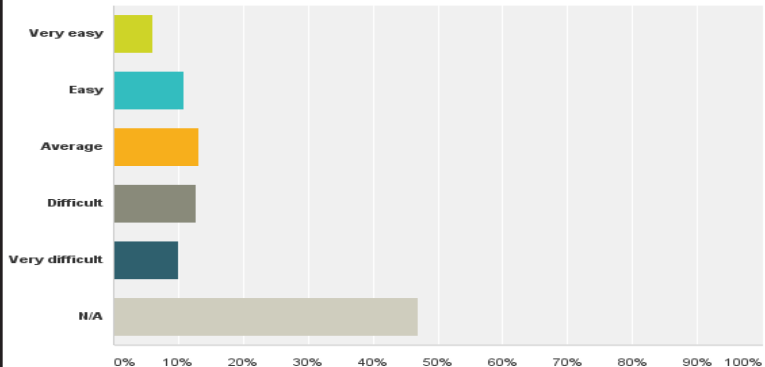
Q16 How easy is it for you to access local services from a dentist?

Answered: 706 Skipped: 53



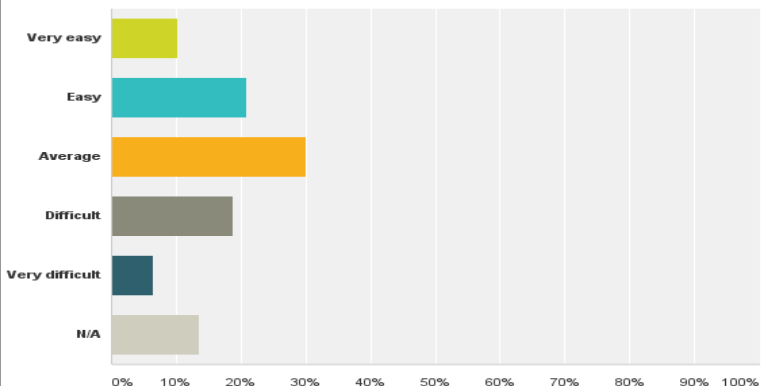
Q17 How easy is it for you to access local mental health or other behavioral support services?

Answered: 704 Skipped: 55



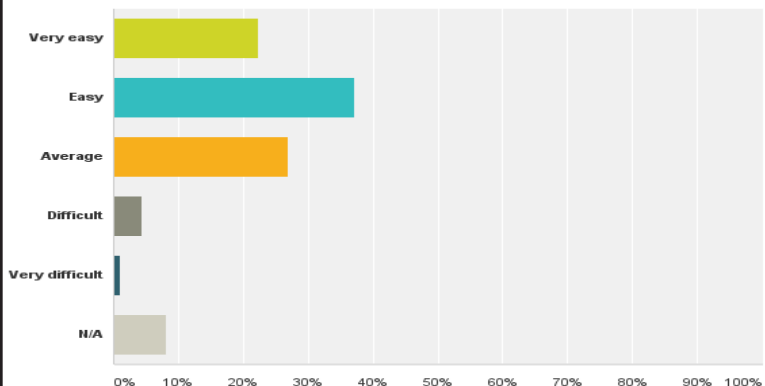
Q18 How easy is it for you to access local services from a specialty doctor?

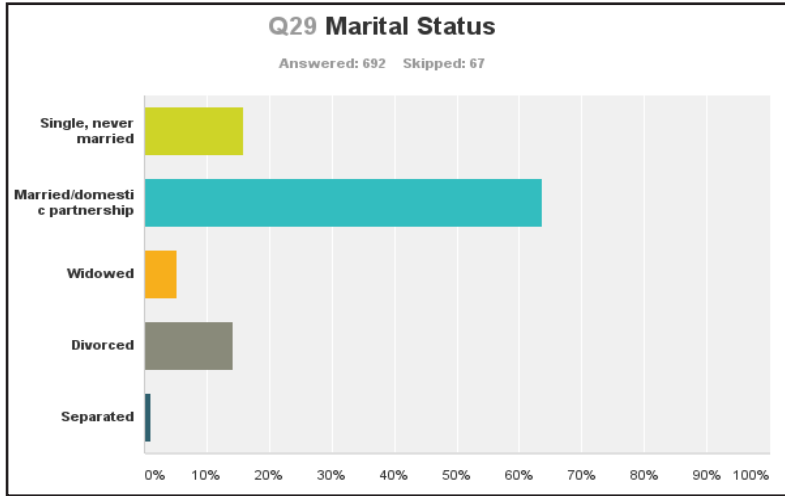
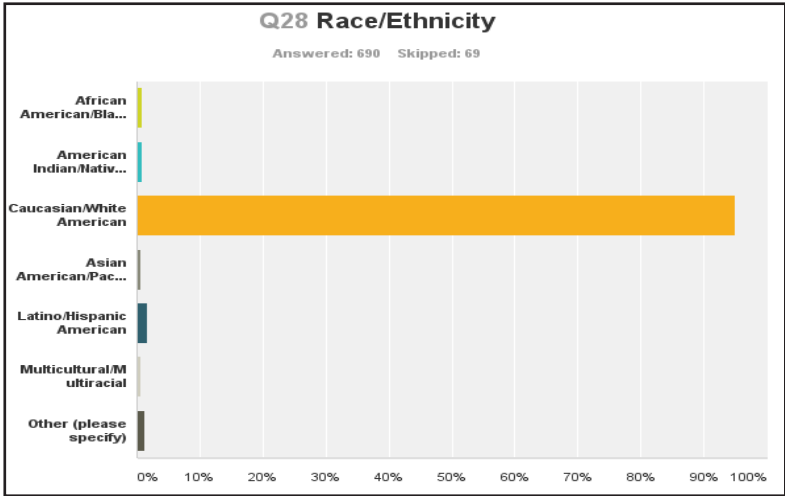
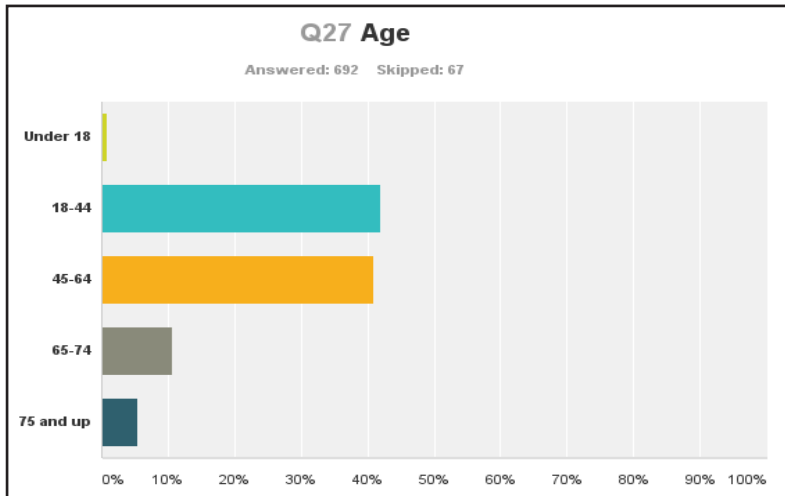
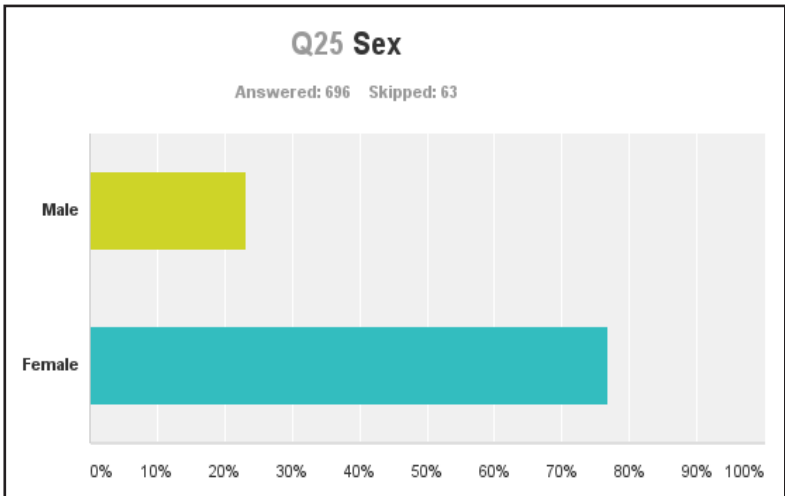
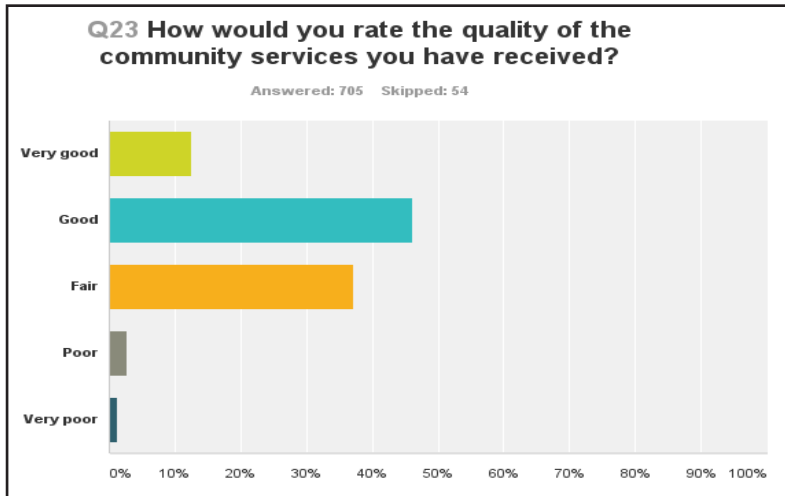
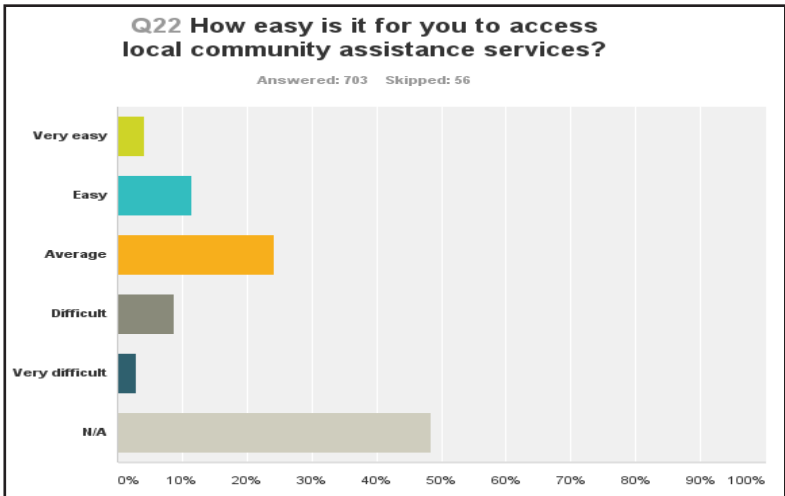
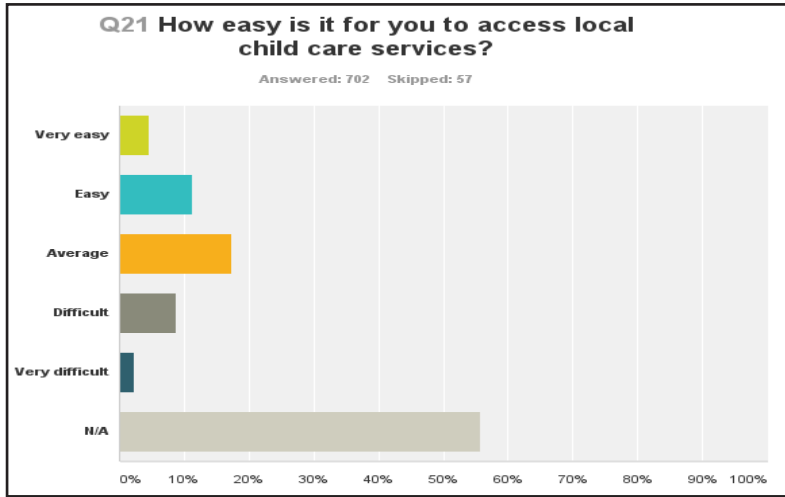
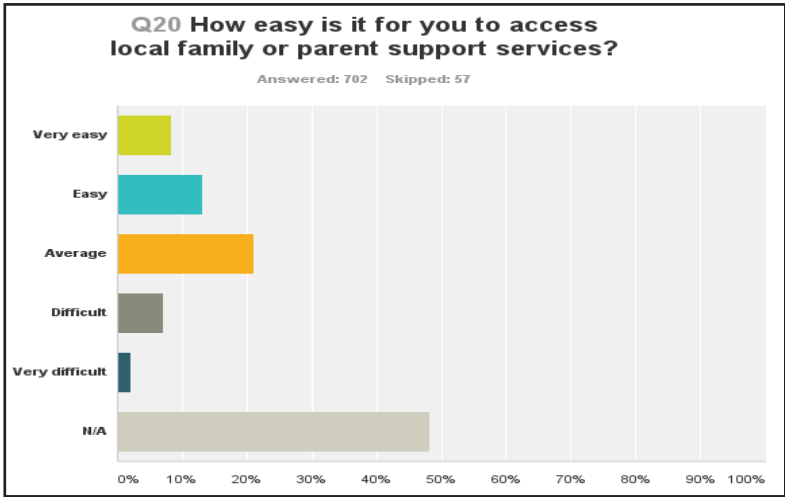
Answered: 703 Skipped: 56



Q19 How easy is it for you to access local emergency care services?

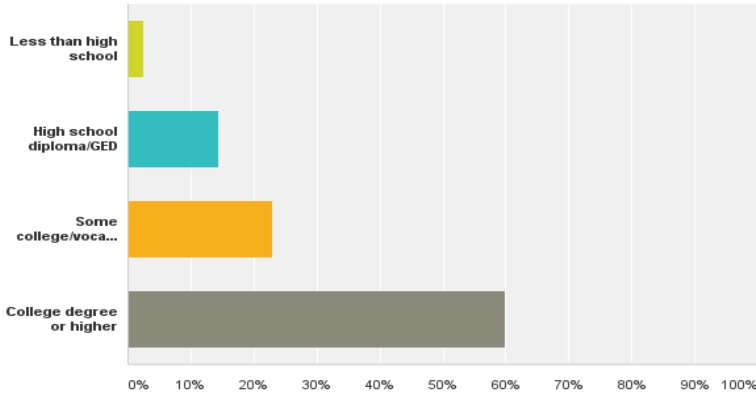
Answered: 704 Skipped: 55





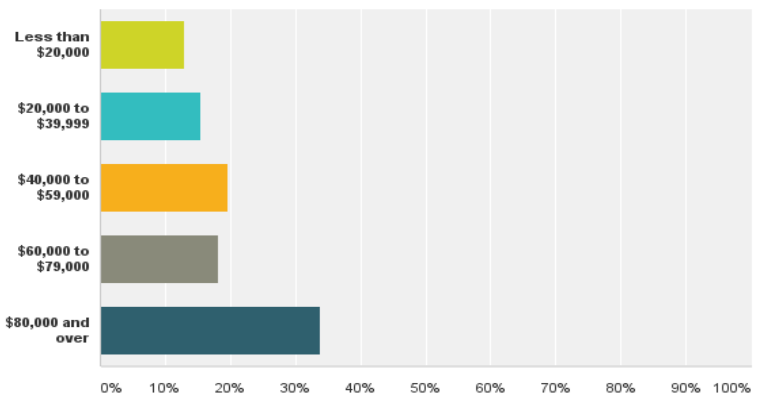
Q31 Education

Answered: 692 Skipped: 67



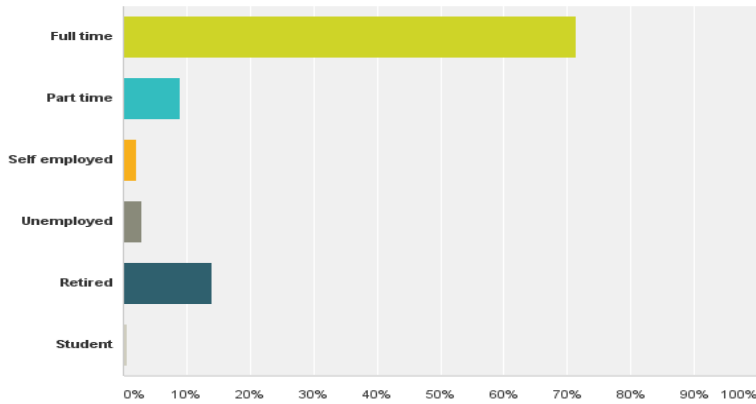
Q32 Household Income

Answered: 690 Skipped: 69



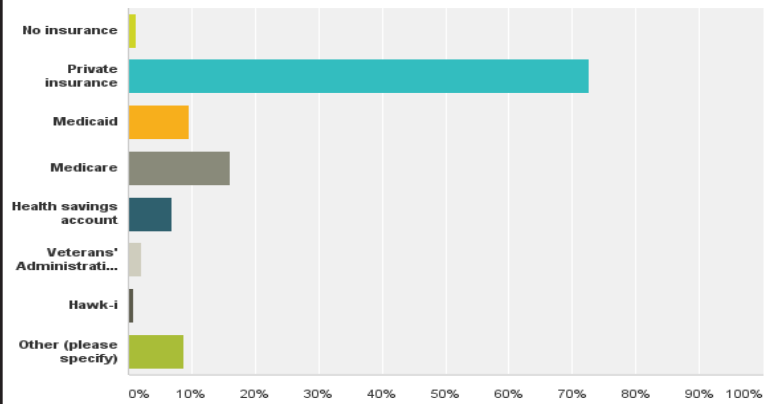
Q33 Employment

Answered: 690 Skipped: 69



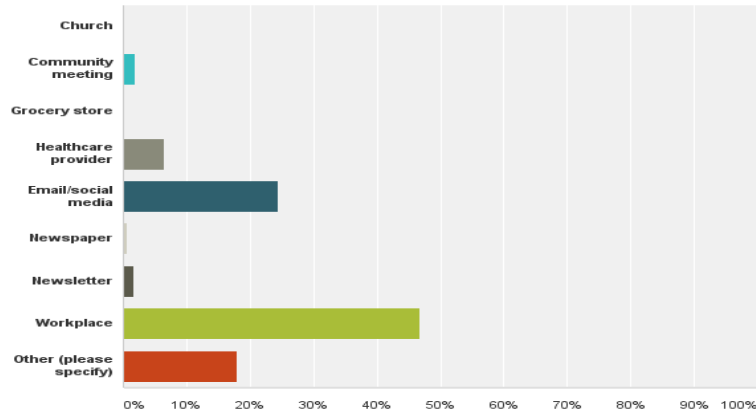
Q34 Healthcare Coverage

Answered: 690 Skipped: 69



Q35 How did you hear about this survey?

Answered: 690 Skipped: 69



Towns Represented in the CHNA/HIP Survey 2015

