



Ottawa County Community Health Needs Assessment 2025

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Executive Summary

The Ottawa County Community Health Needs Assessment (CHNA) identifies key health issues and priorities affecting residents. This report synthesizes data collected through community listening sessions, stakeholder meetings, and the Ottawa County Community Health Survey. The findings will guide the development of health interventions and policy recommendations to improve health outcomes in Ottawa County.

The CHNA involved a review of both quantitative and qualitative data, as well as state and local data, to attain the full scope of the community's needs as they pertain to health, with an emphasis on the economically poor and underserved populations. Input came from a community listening session, an online survey, stakeholders, and some key informant interviews in which specific populations were targeted. The community provided us with a comprehensive view of the current health concerns, both real and perceived, that influence the health of Ottawa County.

Key Findings

Both primary and secondary data were analyzed and integrated to identify the most critical health concerns and needs in Ottawa County. These needs encompass various domains and are frequently interconnected:

The priority issues identified in this assessment include:

- 1. Chronic diseases (diabetes, COPD, hypertension, heart disease)**
- 2. Obesity**
- 3. Access to Dental Care**
- 4. Substance Use & Addiction**
- 5. Mental Health**
- 6. Transportation**
- 7. Good Paying Jobs**
- 8. Community Resources (education, information, vaccination)**
- 9. STI and Sex Education**

These issues significantly impact the well-being of Ottawa County residents, and targeted interventions are necessary to improve overall community health.

This Ottawa County CHNA was completed with the following partners and stakeholders.

- Partners for Ottawa County
- Multicounty Coalition
- Community Health Centers of Oklahoma
- OSU Ottawa County Extension
- Ottawa County Health Department
- INTEGRIS Health
- Community Health Center of Northeast Oklahoma

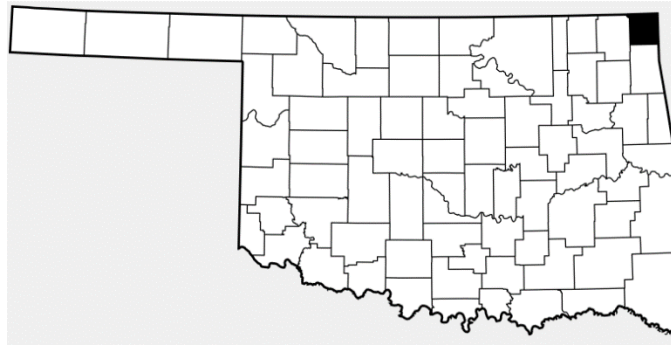


**OTTAWA COUNTY
EXTENSION**



**Ottawa County
Health Department**

Ottawa County Description & Demographics



Description of the Community Served

Geography

Ottawa County is located in the northeastern corner of Oklahoma, bordering Kansas and Missouri. The county spans approximately **471 square miles**, incorporating a mix of **rural areas, small towns, and tribal communities**. **Miami** serves as the county seat and is the largest city in the area. Ottawa County consists of multiple ZIP codes, including but not limited to **74354 (Miami)**, **74339 (Commerce)**, **74363 (Quapaw)**, **74370 (Wyandotte)**, and **74344 (Grove, partially)**. The county's diverse geography and population distribution contribute to **unique healthcare needs, requiring a mix of public health initiatives and medical services**.

Economy & Employment

The economy of Ottawa County, OK employs 12.4K people. The largest industries in Ottawa County, OK are Health Care & Social Assistance (1,948 people), Manufacturing (1,625 people), and Retail Trade (1,219 people), and the highest paying industries are Mining, Quarrying, & Oil & Gas Extraction (\$75,625), Utilities (\$63,942), and Transportation & Warehousing, & Utilities (\$52,574).

Males in Oklahoma have an average income that is 1.38 times higher than the average income of females, which is \$50,245. The income inequality in Oklahoma (measured using the Gini index) is 0.456, which is lower than the national average.

Unique Community Characteristics

Ottawa County has a **rich cultural heritage** influenced by **Native American history, historic Route 66, and agricultural traditions**. The county is home to several tribal governments that **operate healthcare clinics, educational institutions, and economic enterprises**. **Northeastern Oklahoma A&M College (NEO A&M)** provides educational and workforce development programs, supporting career advancement in healthcare and other industries. Tourism is also an important economic factor, with attractions such as the **Dobson Museum, Route 66 landmarks, and tribal casinos** drawing visitors to the area.

Health Services Available in the Community

Healthcare services in Ottawa County are provided by a **combination of hospitals, clinics, and tribal health centers**, including:

- **INTEGRIS Miami Hospital** (offering general medical and emergency services)
- **Ottawa County Health Department** (providing public health programs and community resources)
- **Northeastern Tribal Health System (NTHS)** (a multi-tribal healthcare facility serving Native American populations)
- **Wyandotte Nation Health Clinic** and **Quapaw Nation Medical Services** (offering primary and specialized care for tribal members)
- **Grand Lake Mental Health Center** (providing behavioral health and substance use treatment)

While these facilities support community health, **gaps remain in healthcare access, particularly in specialty care, mental health services, and transportation for rural residents**. Expanding **local provider availability and telehealth services** may improve access to care and enhance overall health outcomes for Ottawa County residents.

Total Population

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Ottawa County, OK	30,360	470.82	64
Oklahoma	3,995,260	68,596.65	58
United States	332,387,540	3,533,298.58	94

Data Source: US Census Bureau, [American Community Survey](#). 2019-23

Gender

Report Area	Male	Female	Male, Percent	Female, Percent
Ottawa County, OK	14,958	15,402	49.27%	50.73%
Oklahoma	1,988,686	2,006,574	49.78%	50.22%
United States	164,545,087	167,842,453	49.50%	50.50%

Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

Total Population by Race Alone

Report Area	White	Black	Asian	American Indian or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Two or More Races
Ottawa County, OK	19,385	335	227	5,810	220	903	3,480
Oklahoma	2,668,453	282,536	93,550	295,365	7,706	136,607	511,043
United States	210,875,446	41,070,890	19,352,659	2,924,996	629,292	21,940,536	35,593,721

Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

Total Population by Ethnicity Alone

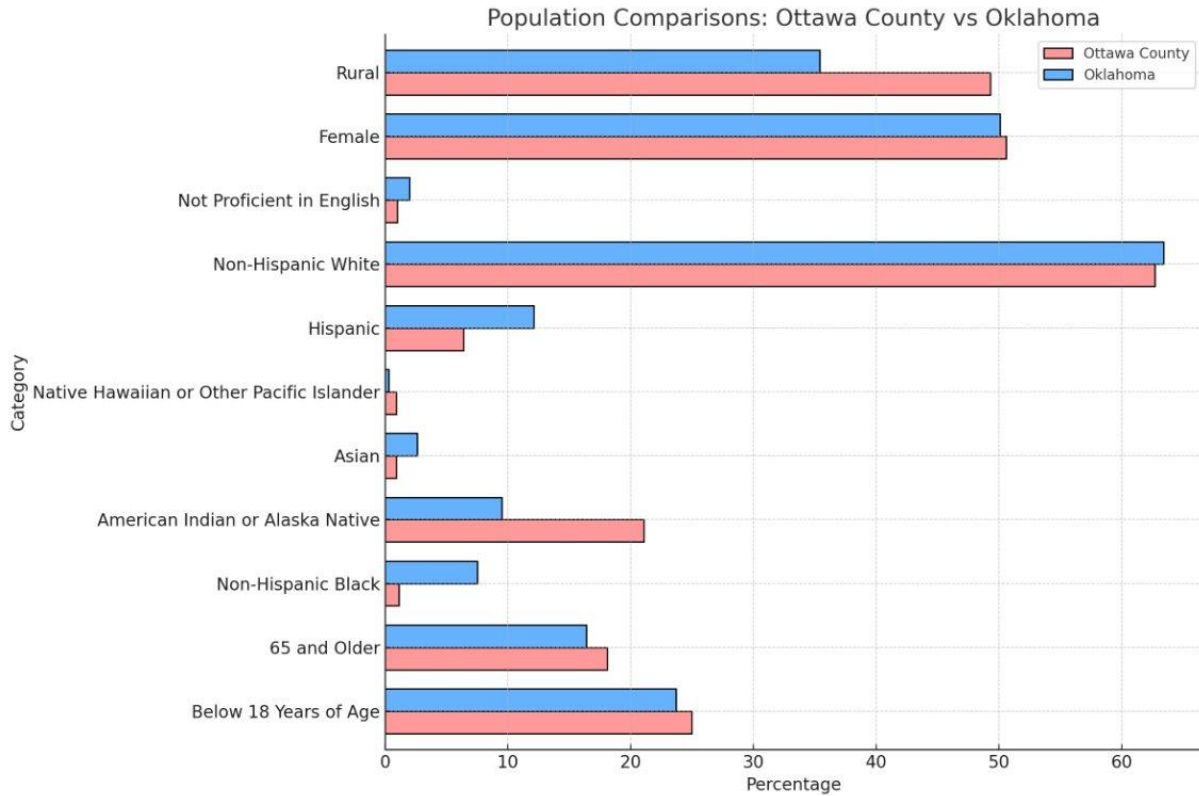
Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
Ottawa County, OK	30,360	1,792	5.90%	28,568	94.10%

Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
Oklahoma	3,995,260	490,797	12.28%	3,504,463	87.72%
United States	332,387,540	63,131,589	18.99%	269,255,951	81.01%

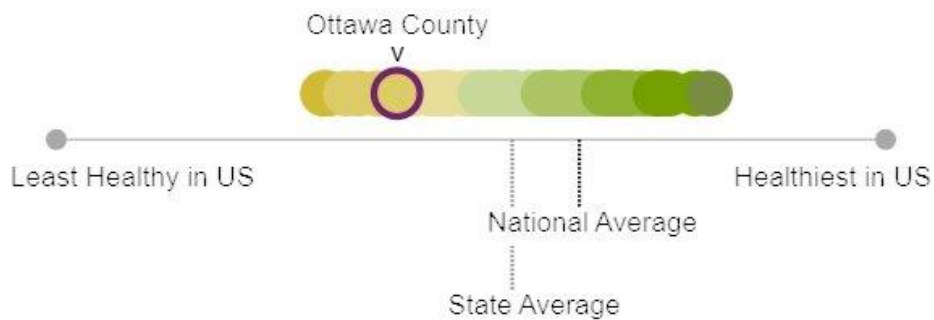
Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

County and State Data

Data	County	Oklahoma
Population	30,338	4,019,800
Below 18 Years of Age	25.0%	23.7%
65 and Older	18.1%	16.4%
Non-Hispanic Black	1.1%	7.5%
American Indian or Alaska Native	21.1%	9.5%
Asian	0.9%	2.6%
Native Hawaiian or Other Pacific Islander	0.9%	0.3%
Hispanic	6.4%	12.1%
Non-Hispanic White	62.7%	63.4%
Not Proficient in English	1%	2%
Female	50.6%	50.1%
Rural	49.3%	35.4%



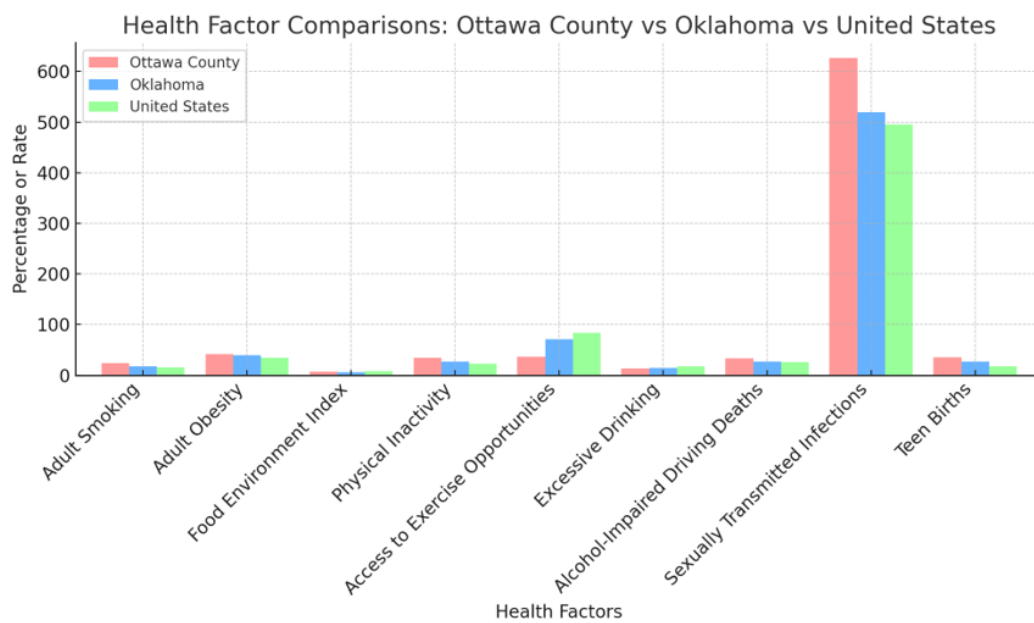
Ottawa County Health Outcomes - 2024



Ottawa County is faring worse than the average county in Oklahoma for Health Outcomes, and worse than the average county in the nation.

Health Factors

Health Behaviors	Ottawa County	Oklahoma	United States
Adult Smoking	24%	18%	15%
Adult Obesity	42%	40%	34%
Food Environment Index	6.6	5.6	7.7
Physical Inactivity	34%	27%	23%
Access to Exercise Opportunities	36%	71%	84%
Excessive Drinking	13%	14%	18%
Alcohol-Impaired Driving Deaths	 33%	27%	26%
Sexually Transmitted Infections	 626.2	519.5	495.5
Teen Births	35	27	17



Clinical Care		Ottawa County	Oklahoma	United States
Uninsured		20%	17%	10%
Primary Care Physicians		2,170:1	1,690:1	1,330:1
Dentists		6,070:1	1,560:1	1,360:1
Mental Health Providers		190:1	230:1	320:1
Preventable Hospital Stays		2,677	3,069	2,681
Mammography Screening		35%	40%	43%
Flu Vaccinations		41%	42%	46%

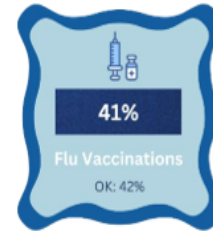
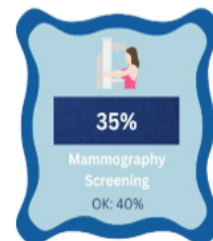
Ottawa County Clinical Care

Regarding **Access to Care**, **Ottawa County** is **"worse"** than Oklahoma on most indicators, Specifically -

Better than Oklahoma

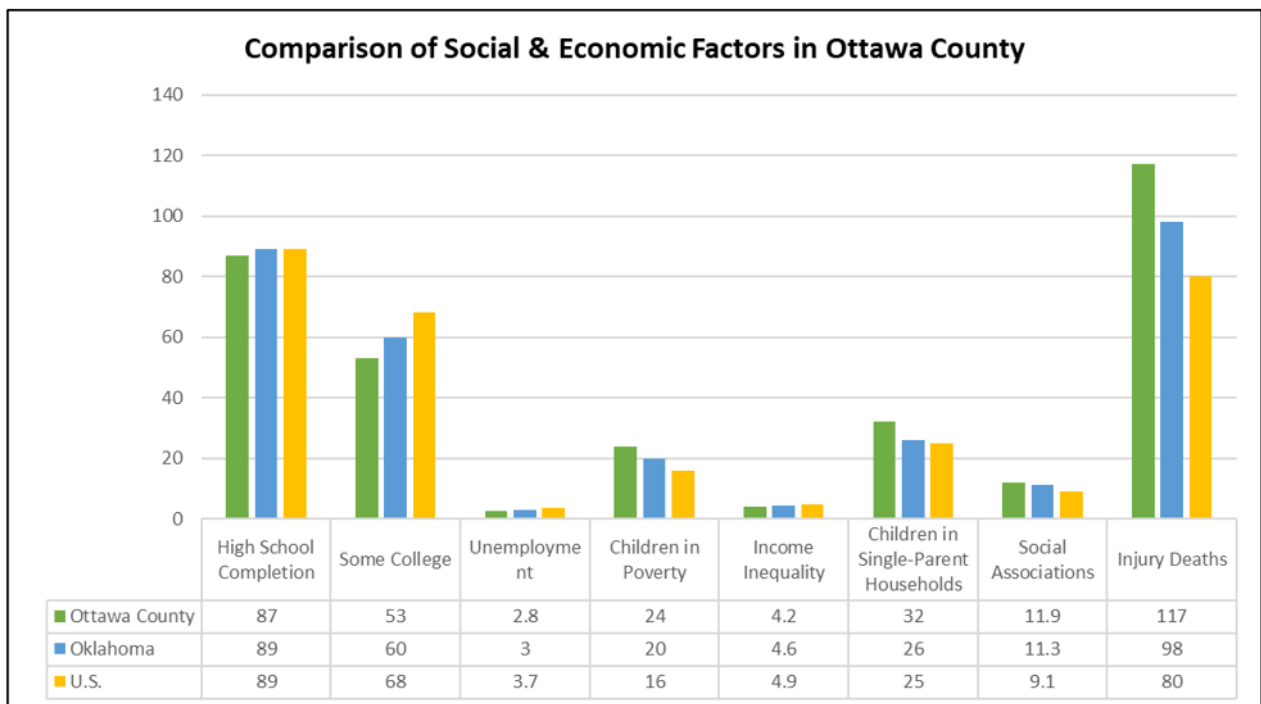


Worse than Oklahoma



Ottawa County Social & Economic Factors

Social & Economic Factors	Ottawa County	Oklahoma	United States
High School Completion	87%	89%	89%
Some College	53%	60%	68%
Unemployment	 2.8%	3.0%	3.7%
Children in Poverty	 24%	20%	16%
Income Inequality	4.2	4.6	4.9
Children in Single-Parent Households	32%	26%	25%
Social Associations	11.9	11.3	9.1
Injury Deaths	117	98	80

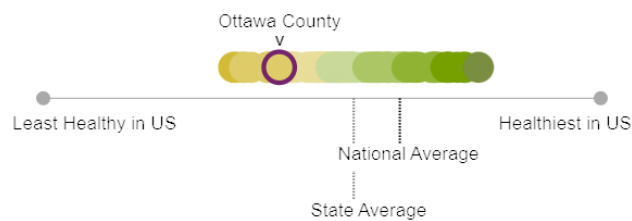


Health Behaviors

Many things influence how well and how long we live. Health Factors represent those things we can improve to live longer and healthier lives. They are indicators of the future health of our communities.



Ottawa County Population Health and Well-being - 2025



Ottawa County is faring worse than the average county in Oklahoma for Population Health and Well-being, and worse than the average county in the nation.

Health Behaviors

SCORE

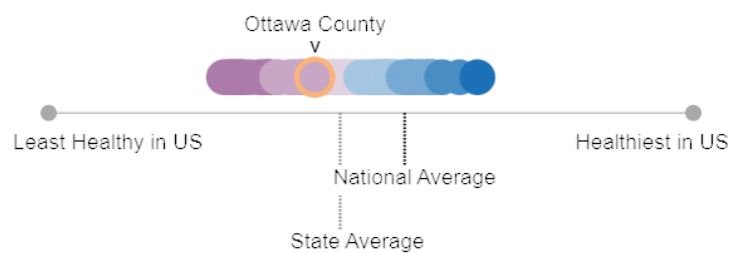
29

METRIC	COUNTY	U.S.	PEER GROUP	STATE
Adult Flu Vaccination Rate	40.2%	42.8%	40.7%	41.2%
Adults With No Leisure-Time Physical Activity	33.9%	26.7%	28.8%	28.8%
Adults With Recent Preventive Care Visit	73.1%	72.3%	74.2%	72.7%
Smoking Rate	24.2%	19.0%	20.6%	18.9%

Population Health and Well-being					
Length of life		Ottawa County	Oklahoma	United States	—
Premature Death		15,100	10,900	8,400	▼
Additional Length of life (not included in summary)					+
Quality of life		Ottawa County	Oklahoma	United States	—
Poor Physical Health Days		5.4	4.3	3.9	▼
Low Birth Weight		9%	8%	8%	▼
Poor Mental Health Days		6.7	5.7	5.1	▼
Poor or Fair Health		26%	20%	17%	▼
Additional Quality of life (not included in summary)					—
Frequent Physical Distress		17%	14%	12%	▼
Diabetes Prevalence		14%	12%	10%	▼
HIV Prevalence		96	217	387	▼
Adult Obesity		44%	41%	34%	▼
Frequent Mental Distress		22%	19%	16%	▼
Suicides		25	21	14	▼
Feelings of Loneliness		40%	38%	33%	▼



Ottawa County Community Conditions - 2025



Ottawa County is faring slightly worse than the average county in Oklahoma for Community Conditions, and worse than the average county in the nation.

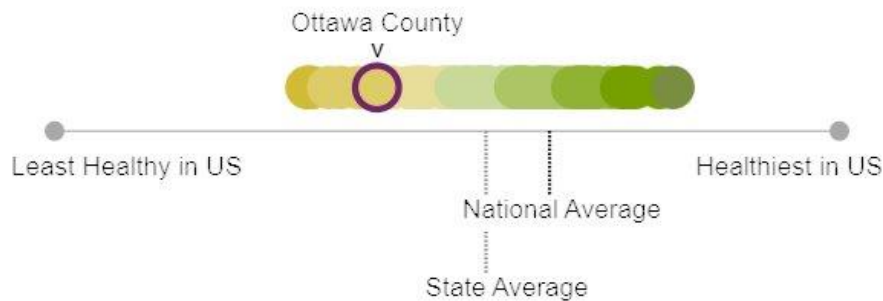
2025 County Health Rankings

Health Outcomes

Health Outcomes tell us how long people live on average within a community, and how much physical and mental health people experience in a community while they are alive.



Ottawa County Health Outcomes - 2024



Ottawa County is faring worse than the average county in Oklahoma for Health Outcomes, and worse than the average county in the nation.

Health Outcomes

SCORE

41

METRIC	COUNTY	U.S.	PEER GROUP	STATE
Adults in Poor or Fair General Health	23.8%	17.7%	19.6%	19.5%
Babies Born With Low Birth Weight	8.5%	8.4%	9.1%	8.0%
Life Expectancy	70.6	75.8	74.2	74.4
Teen Birth Rate /1k	32.3	21.7	25.4	25.5

U.S. News & World Report L.P.

Community Health Needs Assessment (CHNA) Process

The Ottawa County Coalition collaborated with local community partners to conduct the Community Health Needs Assessment (CHNA). This process aimed to gather comprehensive data on community health needs, with a particular focus on underserved and minority populations.

Committee members engaged various stakeholders to **ensure diverse community representation**. They conducted a thorough review of county demographics to identify population groups that needed to be included, **ensuring no group was overlooked**. Special efforts were made to reach at-risk populations, particularly those in low socioeconomic zip codes.

After forming a team and identifying the target audience, an online survey was created to assess community health priorities. The survey was available in English and Spanish, both electronically and in paper form. Flyers with QR codes and links were distributed via email and social media to publicize the survey to county residents.

To obtain the most accurate results, the coalition strategically distributed surveys to a wide range of community contacts, including business owners and organizations serving underserved populations. The coalition held weekly meetings to review survey demographics, identify gaps in participation, and explore outreach improvements. The coalition polled the public to identify the underserved in their neighborhoods and asked them to assist in getting the survey out to them. They identified veterans, the unhoused, low-income, disabled, single parents, those with mental health issues, rural populations, students, the elderly, the under-educated, and youth.

A community listening session was held to discuss state and local health data. Participants shared their concerns, learned about available resources, and compared county data to state trends. The team obtained feedback from **243 online surveys**.

Methods of collecting and analyzing data and information included online surveys, published data, and hospital-specific data. Community partners that assisted in data collection for community chats included local nonprofit organizations.

To illustrate these outreach efforts, the following flowchart outlines the CHNA process.

Step	Description
CHNA Initiation	Start the CHNA process and define scope
Stakeholder Engagement	Engage local stakeholders, community members, and experts
Survey Development	Develop surveys (online & paper) to collect data
Survey Distribution	Distribute surveys and conduct targeted outreach

Community Listening Session	Gather qualitative feedback from the community
Key Informant Interviews	Conduct interviews with key health professionals
Data Compilation	Compile survey results, interviews, and community input
Findings Analysis	Analyze findings and identify key health issues
Report Writing	Write and structure the CHNA report
Final CHNA Report	Finalize and distribute the CHNA report

Primary Data: The Ottawa County Coalition gathered community input from Ottawa County residents of all backgrounds, socioeconomic statuses, and demographics. Participants included members of underserved, low-income, and minority populations. Additionally, the hospitals provided internal data for analysis and consideration in the CHNA process. Ottawa County Coalition representatives provided opportunities for individuals to participate in both quantitative and qualitative surveys. (For detailed survey questions and responses, see Appendix A.)

Published Secondary Data: In addition to the input from community chats and online surveys, the compilation of public health data, state, and national data, gave a broader view of the overall health status of the county. By looking at past and present data and identifying trends, strategic development for the Community Health Improvement Plan (CHIP) will be more efficient and ultimately more effective. The integration of primary and secondary data sources ensures that the CHNA findings reflect both lived community experiences and objective health indicators, leading to more effective public health interventions.

The graph below presents the demographic breakdown of individuals who participated in the survey process.

Online Survey Demographics

In total, the online survey was administered to 243 individuals. The survey consisted of 24 questions. Participants were asked about what health issues were important to them and how they perceived their community's quality of life. The survey was available in English and Spanish.

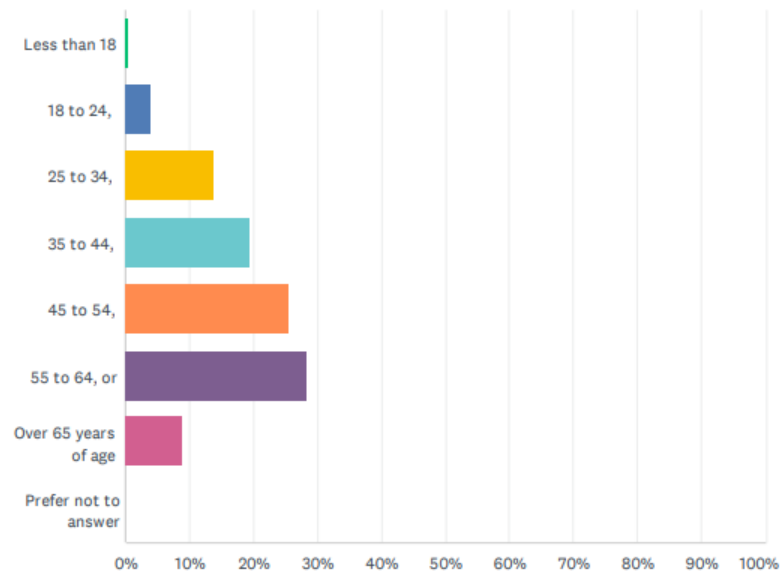
Online Quantitative Surveys

TOTAL: 243 respondents

Age

Q1 Are you...

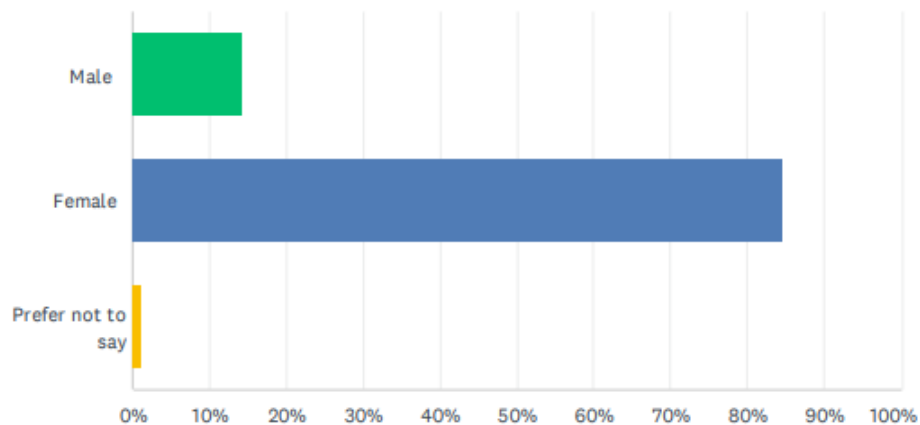
Answered: 233 Skipped: 0



Gender at Birth

Q19 What sex were you at birth? Were you...

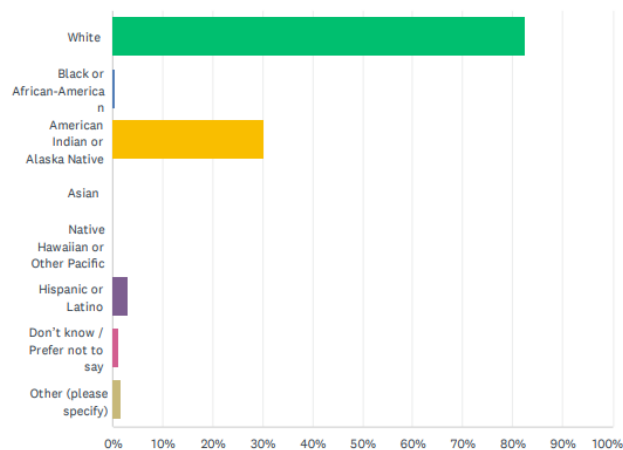
Answered: 195 Skipped: 38



Race

Q20 Which one or more of the following would you say is your race?
Select all that apply.

Answered: 195 Skipped: 38



CHNA Results

Overall results from the Listening Session and surveys in Ottawa County identified several critical health concerns. The most urgent health needs include addressing chronic diseases such as diabetes, COPD, hypertension, and heart disease, as well as combating high rates of obesity. Participants emphasized the importance of increasing access to both mental health and dental care, particularly in areas with provider shortages. Substance use and addiction were also seen as growing problems, often tied to a lack of treatment options and stigma. Limited transportation options and a lack of good-paying jobs further compound these health challenges, making it harder for residents to access needed care and maintain healthy lifestyles. The community expressed a strong desire for better sex education and STI prevention efforts, along with more accessible and well-promoted community resources—including education, vaccination opportunities, and a centralized list of services.

Priority Health Issues

1. Chronic diseases (diabetes, COPD, hypertension, heart disease)
2. Obesity
3. Access to Dental Care
4. Substance Use & Addiction
5. Mental Health

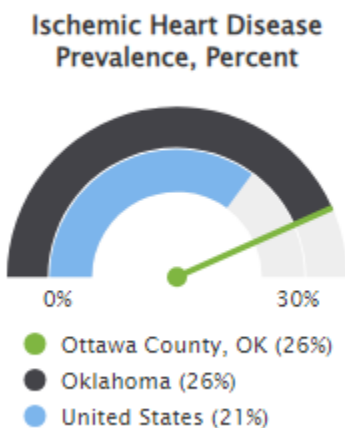
6. Transportation
7. Good Paying Jobs
8. Community Resources (education, information, vaccination)
9. STI and Sex Education



Community Priority Issues

After analyzing the data, **nine** priority elements appeared the most prevalent. Each was identified as a significant public health issue based on one or more of the assessments. The following is a summary of each element and the data that supported its selection.

1. Chronic diseases (diabetes, COPD, hypertension, heart disease)

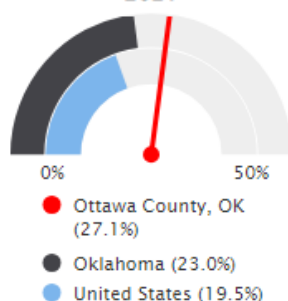


Report Area	FFS Beneficiaries	Hypertension Prevalence, Total	Hypertension Prevalence, Percent
Ottawa County, OK	4,552	3,277	72%
Oklahoma	470,277	333,897	71%
United States	30,900,366	20,085,238	65%

Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool. 2022

2. **Obesity:** Within the report area, 6,168 or 27.1% of adults aged 20 and older report no active leisure time, 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.

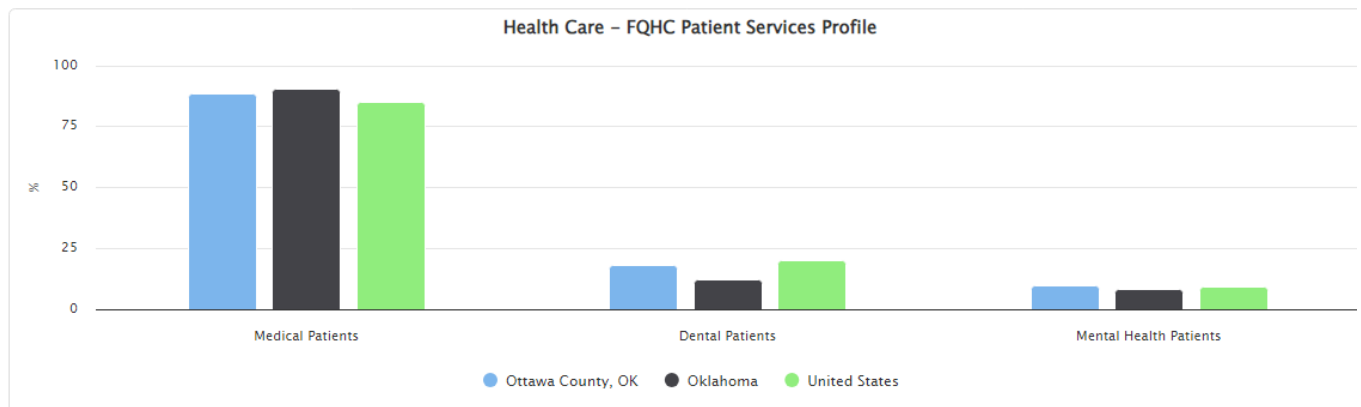
Percentage of Adults with No Leisure-Time Physical Activity, 2021



Report Area	Population Age 20+	Adults with BMI > 30.0 (Obese)	Adults with BMI > 30.0 (Obese), Percent
Ottawa County, OK	21,722	6,712	31.0%
Oklahoma	2,918,601	985,713	33.8%
United States	232,757,930	70,168,831	30.1%

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2021.

3. Access to Dental Care



4. Substance Use & Addiction

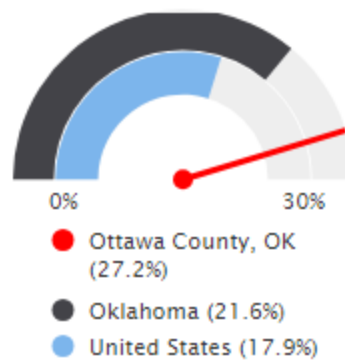
5. Mental Health

The table and chart below display annual trends in the percentage of adults age 18+ who report having fair or poor general health.

Report Area	2019	2020	2021	2022
Ottawa County, OK	26.7%	22.5%	25.0%	27.2%
Oklahoma	21.9%	18.1%	20.2%	21.6%
United States	18.6%	14.5%	16.1%	17.9%

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2022

Percentage of Adults Age 18+
with Poor or Fair General
Health



6. Transportation

Report Area	Total Population	Socioeconomic Theme Score	Household Composition Theme Score	Minority Status Theme Score	Housing & Transportation Theme Score	Social Vulnerability Index Score
Ottawa County, OK	30,472	0.80	0.97	0.75	0.88	0.93
Oklahoma	3,970,497	0.67	0.72	0.73	0.61	0.72
United States	331,097,593	0.54	0.47	0.72	0.63	0.58

Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, [CDC - GRASP](#). 2022

7. Good Paying Jobs

The per capita income for the report area is \$24,911. 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 (\$)
Ottawa County, OK	30,360	\$756,300,700	\$24,911
Oklahoma	3,995,260	\$139,272,410,700	\$34,859
United States	332,387,540	\$14,388,718,351,400	\$43,288

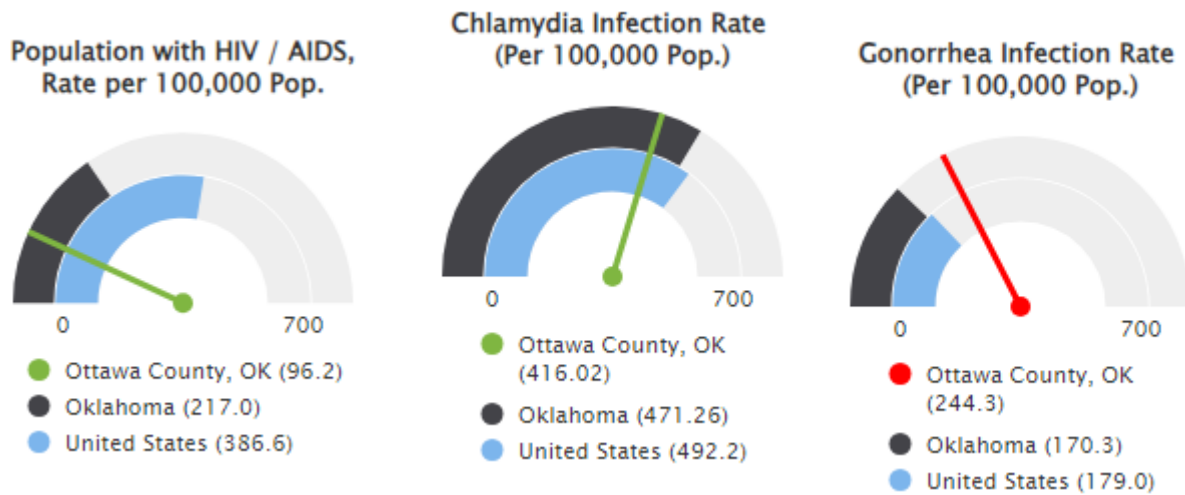
Data Source: US Census Bureau, [American Community Survey](#). 2019-23.

8. Community Resources (education, information, vaccination)

Report Area	Percent of Adults Fully Vaccinated	Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination	Vaccine Coverage Index	Last Update
Ottawa County, OK	50.10%	20.03%	0.77	09/28/2022
Oklahoma	65.26%	18.19%	0.58	09/28/2022
United States	72.65%	10.34%	0.44	09/28/2022

Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, [CDC - GRASP](#). 2019-23.

9. STI and Sex Education



Prioritized Needs

The prioritized needs were chosen by the community and coalition who attended the Strategy Development meeting. Voting occurred after reviewing the data and the results from the online surveys and listening session. The results mirror the online survey results, interviews, and group discussions.

A Community Health Improvement Plan will be designed to meet the needs of the community based on the results of this assessment.

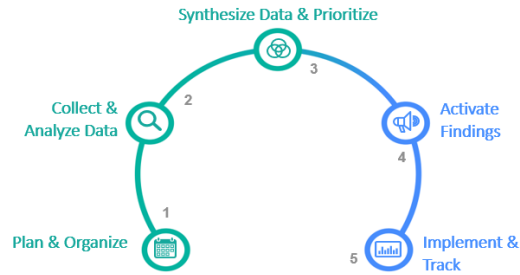
Action Plan and Next Steps

The **Ottawa County Health Coalition** will use this data to guide its discussions during the strategic planning process to develop its next **Community Health Improvement Plan (CHIP)**. While this summary report has highlighted key areas of interest, all data will continue to be reviewed and considered when identifying strategic issues for improving **Ottawa County's** health outcomes.

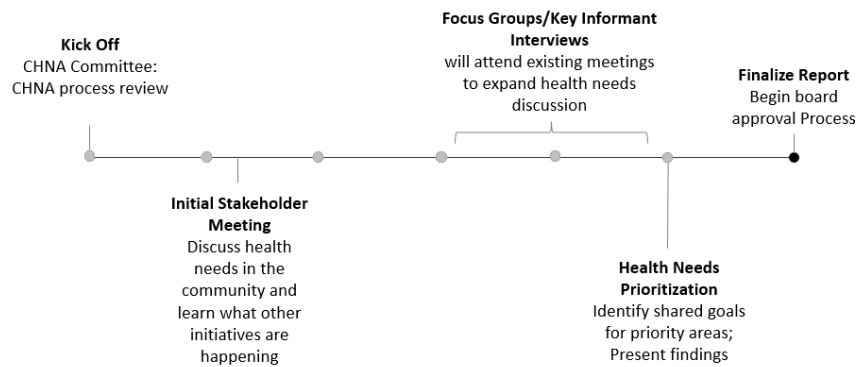
One important characteristic of the CHNA to remember is that **it is an ongoing process**. Data is continually updated, new sources are identified, and priorities may shift based on emerging information. Once a CHIP is developed and implemented, updated data and new sources will allow us to measure our progress in meeting performance objectives. In our previous strategic planning cycle, we published an initial CHNA summary report and provided **Annual Reports** with data updates to supplement the CHIP. This is a practice we will continue. However, we recognize that some of our partners require formal CHA updates within the strategic planning cycle for accreditation and certification purposes. While we have functionally done this through CHIP, we acknowledge the opportunity to clarify this process by also incorporating data updates directly into the CHNA. Therefore, **Annual Updates and Supplements** will be added to this summary report as they become available.

We encourage community partners to review this data, utilize it for their specific needs, and provide feedback. Once the CHIP is available, both documents should be viewed together as a single framework for public health improvement. The work of public health is broad and multifaceted, creating a complex puzzle with many contributing pieces. The public health system is far more than just the local health department or hospital—it includes **every citizen of Ottawa County**. Each person and organization have a role to play in improving community health. Over the past several years, we have worked together to make **Ottawa County** a healthier place to live. Let us continue this collective effort to position **Ottawa County** as one of the **healthiest counties in Oklahoma**—and ultimately, one of the healthiest in the nation.

Next Steps



Timeline



References

Data Source: US Census Bureau, American Community Survey. 2019-23

County Health Rankings & Roadmaps (2024)

Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2022.

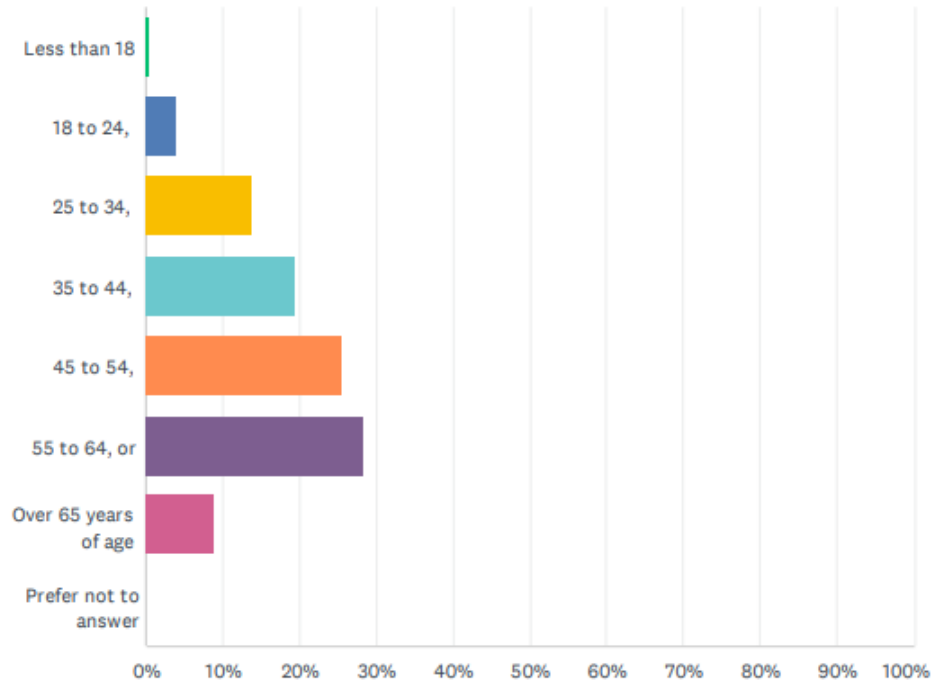
Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, CDC - GRASP. 2022.

U.S. News & World Report L.P.

Appendix A: Ottawa County Health Needs Assessment Survey

Q1 Are you...

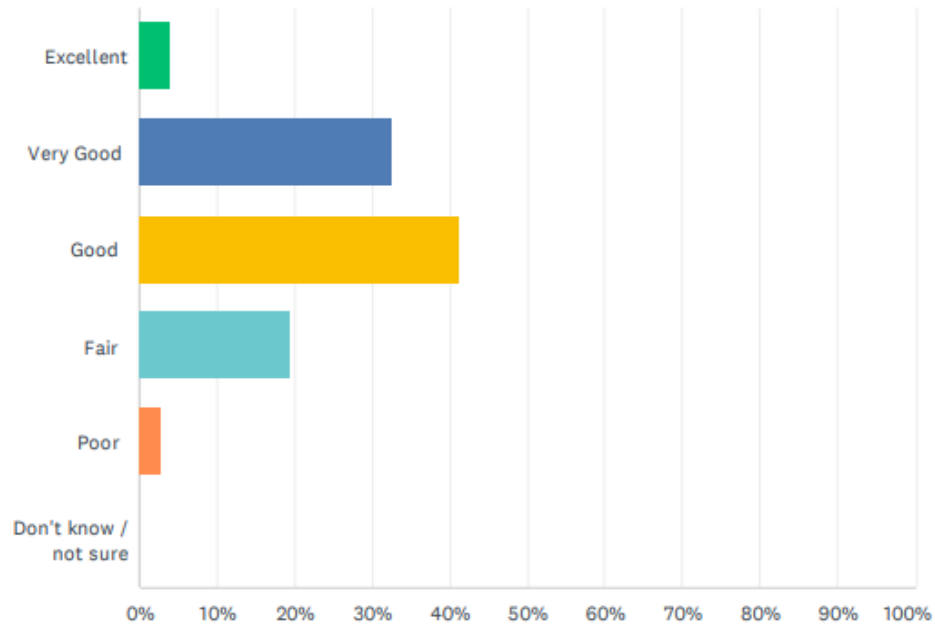
Answered: 233 Skipped: 0



ANSWER CHOICES	RESPONSES	
Less than 18	0.43%	1
18 to 24,	3.86%	9
25 to 34,	13.73%	32
35 to 44,	19.31%	45
45 to 54,	25.32%	59
55 to 64, or	28.33%	66
Over 65 years of age	9.01%	21
Prefer not to answer	0.00%	0
TOTAL		233

Q2 In general, would you say your health is...?

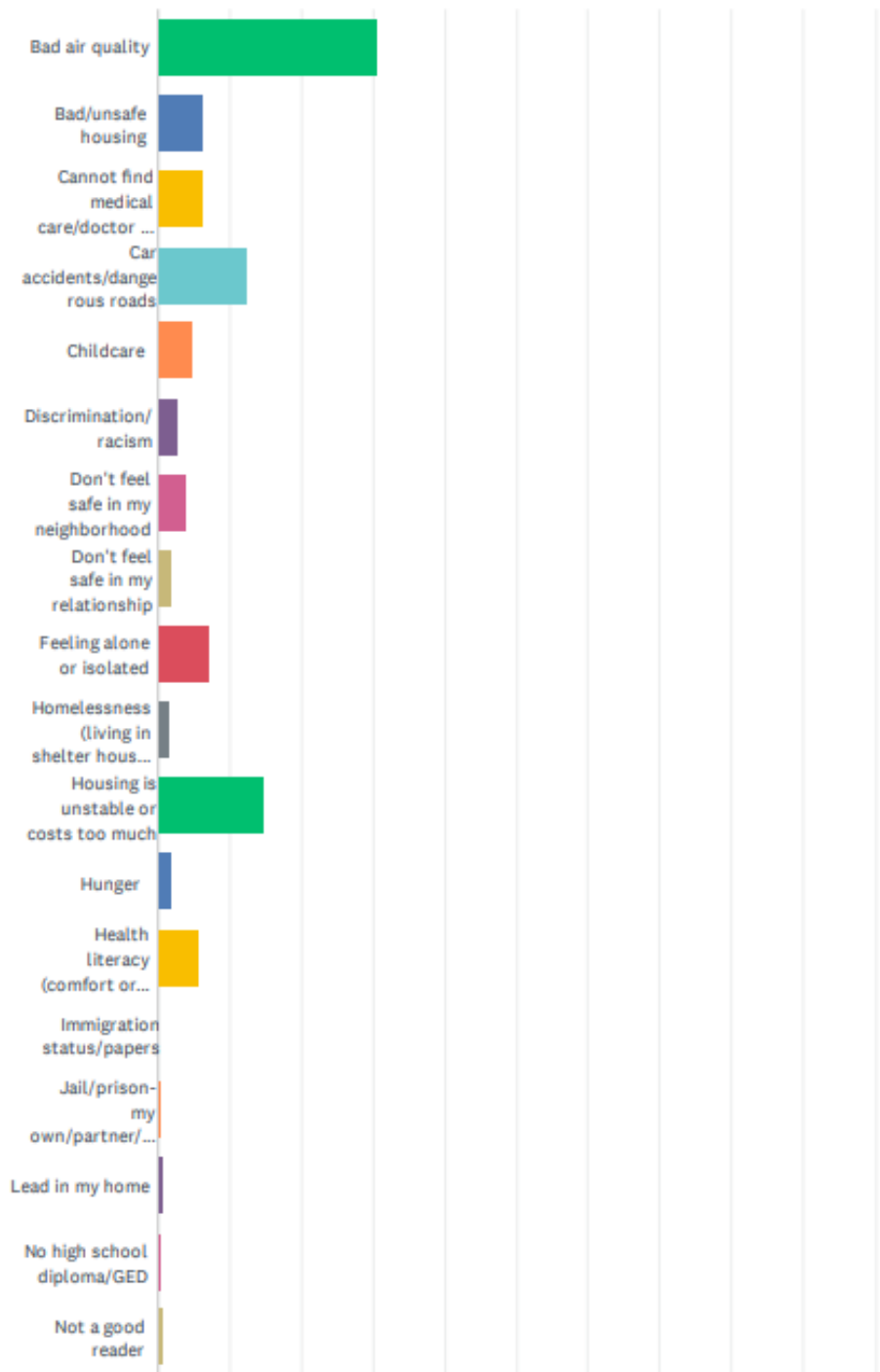
Answered: 211 Skipped: 22

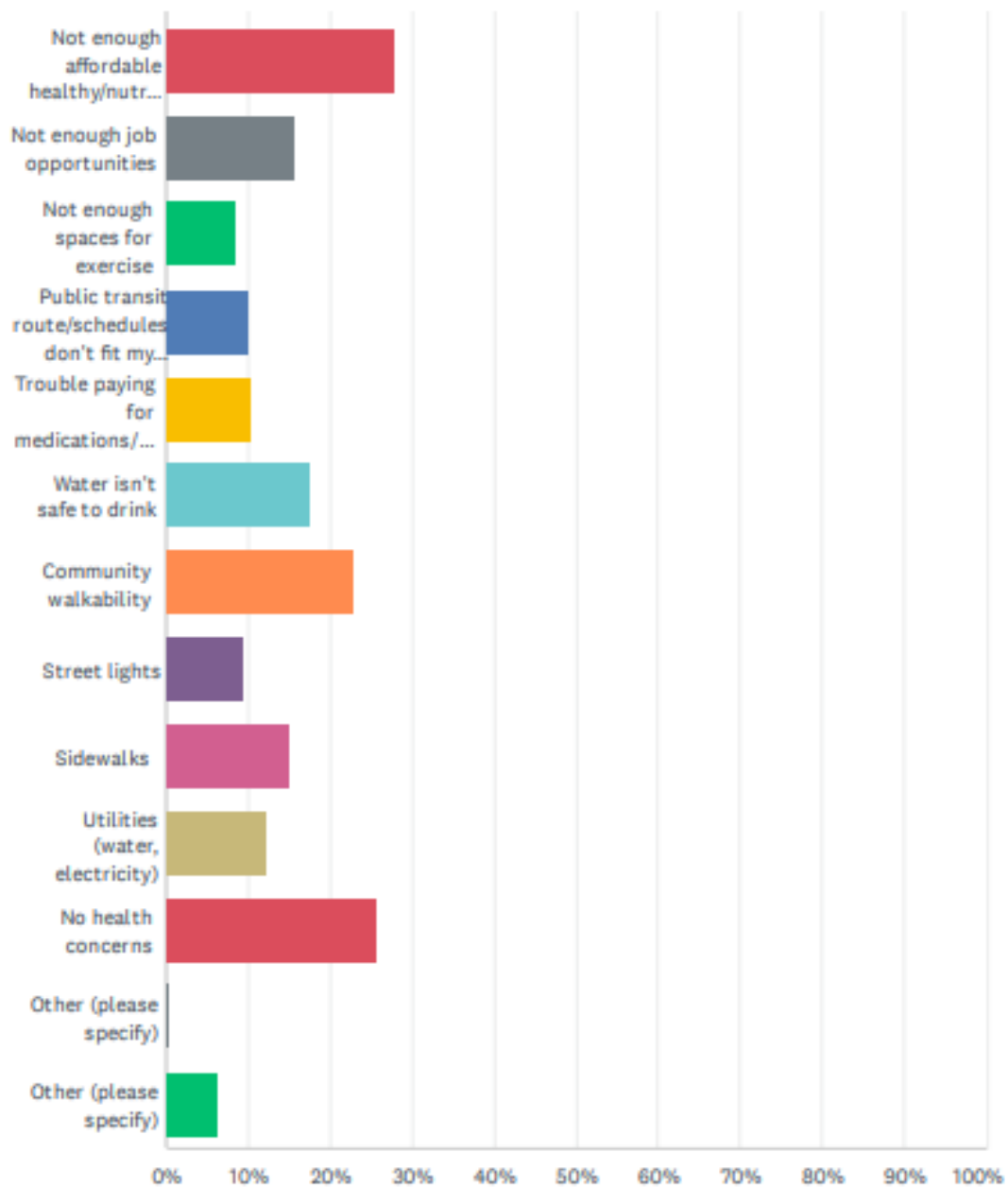


ANSWER CHOICES	RESPONSES	
Excellent	3.79%	8
Very Good	32.70%	69
Good	41.23%	87
Fair	19.43%	41
Poor	2.84%	6
Don't know / not sure	0.00%	0
TOTAL		211

Q3 Which of the following has a negative effect on your health and well-being? Select up to 5 that are most important to you.

Answered: 211 Skipped: 22

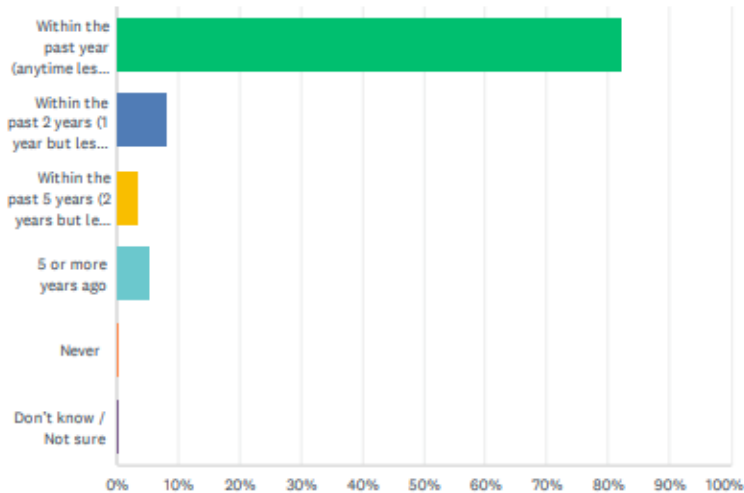




ANSWER CHOICES	RESPONSES	
Bad air quality	30.81%	65
Bad/unsafe housing	6.16%	13
Cannot find medical care/doctor in my area	6.16%	13
Car accidents/dangerous roads	12.32%	26
Childcare	4.74%	10
Discrimination/racism	2.84%	6
Don't feel safe in my neighborhood	3.79%	8
Don't feel safe in my relationship	1.90%	4
Feeling alone or isolated	7.11%	15
Homelessness (living in shelter housing or with others)	1.42%	3
Housing is unstable or costs too much	14.69%	31
Hunger	1.90%	4
Health literacy (comfort or ease communicating with providers)	5.69%	12
Immigration status/papers	0.00%	0
Jail/prison- my own/partner/family member	0.47%	1
Lead in my home	0.95%	2
No high school diploma/GED	0.47%	1
Not a good reader	0.95%	2
Not enough affordable healthy/nutritious food	27.96%	59
Not enough job opportunities	15.64%	33
Not enough spaces for exercise	8.53%	18
Public transit route/schedules don't fit my needs	9.95%	21
Trouble paying for medications/care	10.43%	22
Water isn't safe to drink	17.54%	37
Community walkability	22.75%	48
Street lights	9.48%	20
Sidewalks	15.17%	32
Utilities (water, electricity)	12.32%	26
No health concerns	25.59%	54
Other (please specify)	0.47%	1
Other (please specify)	6.16%	13
Total Respondents: 211		

Q4 About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition.

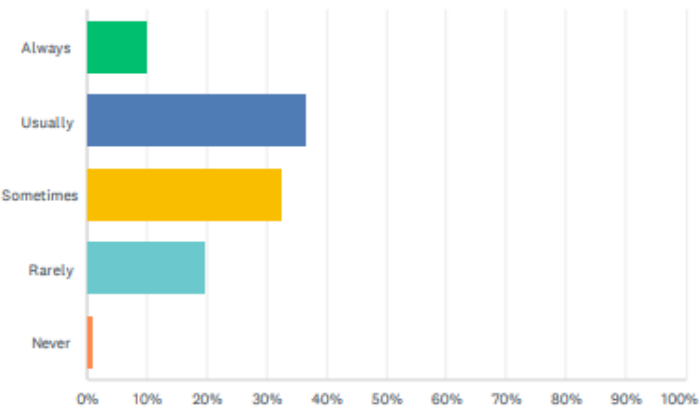
Answered: 210 Skipped: 23



ANSWER CHOICES	RESPONSES	
Within the past year (anytime less than 12 months ago)	82.38%	173
Within the past 2 years (1 year but less than 2 years ago)	8.10%	17
Within the past 5 years (2 years but less than 5 years ago)	3.33%	7
5 or more years ago	5.24%	11
Never	0.48%	1
Don't know / Not sure	0.48%	1
TOTAL		210

Q5 If you are sick, how likely are you to visit a healthcare provider?

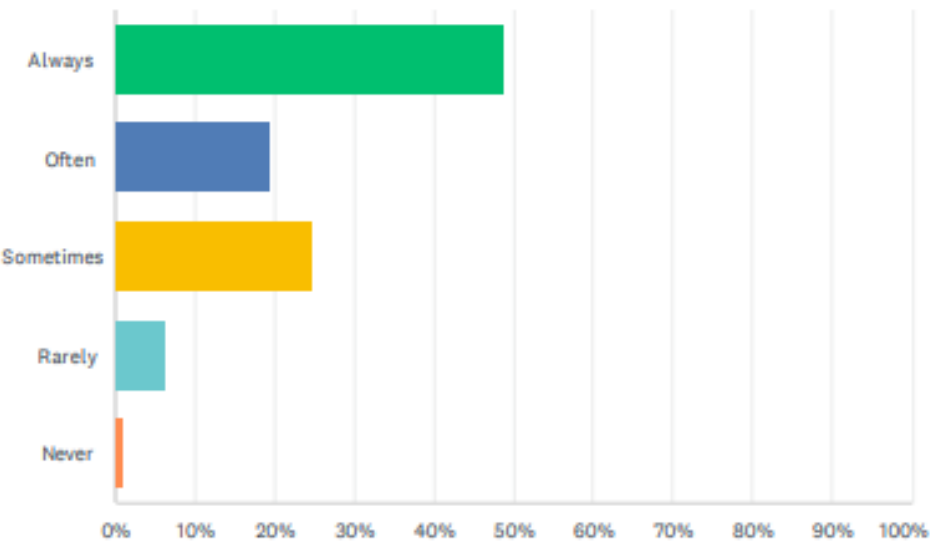
Answered: 211 Skipped: 22



ANSWER CHOICES	RESPONSES	
Always	9.95%	21
Usually	36.49%	77
Sometimes	32.70%	69
Rarely	19.91%	42
Never	0.95%	2
TOTAL		211

Q6 Everyone in my household can get the health services we want and need including physical, mental, vision, pharmaceutical and dental health services.

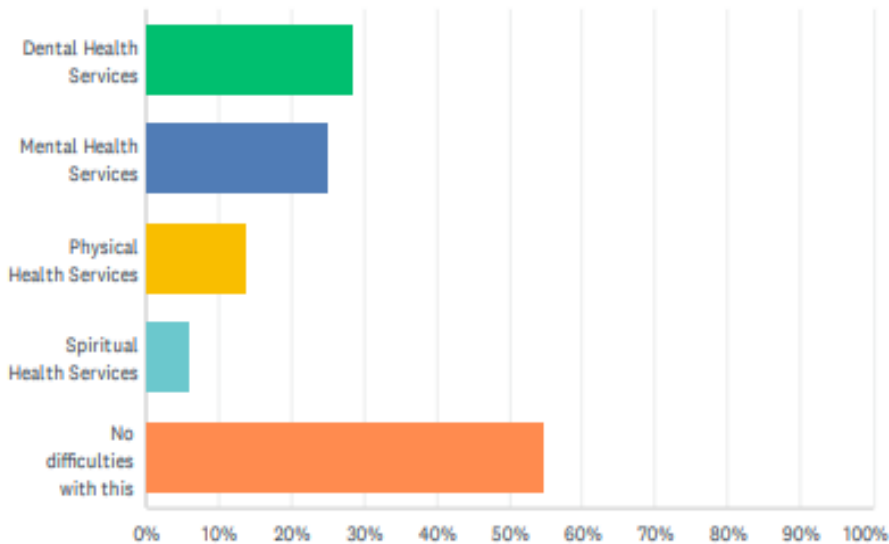
Answered: 211 Skipped: 22



ANSWER CHOICES	RESPONSES	
Always	48.82%	103
Often	19.43%	41
Sometimes	24.64%	52
Rarely	6.16%	13
Never	0.95%	2
TOTAL		211

Q7 Which types of health services are difficult to get for your household members? Check all that apply.

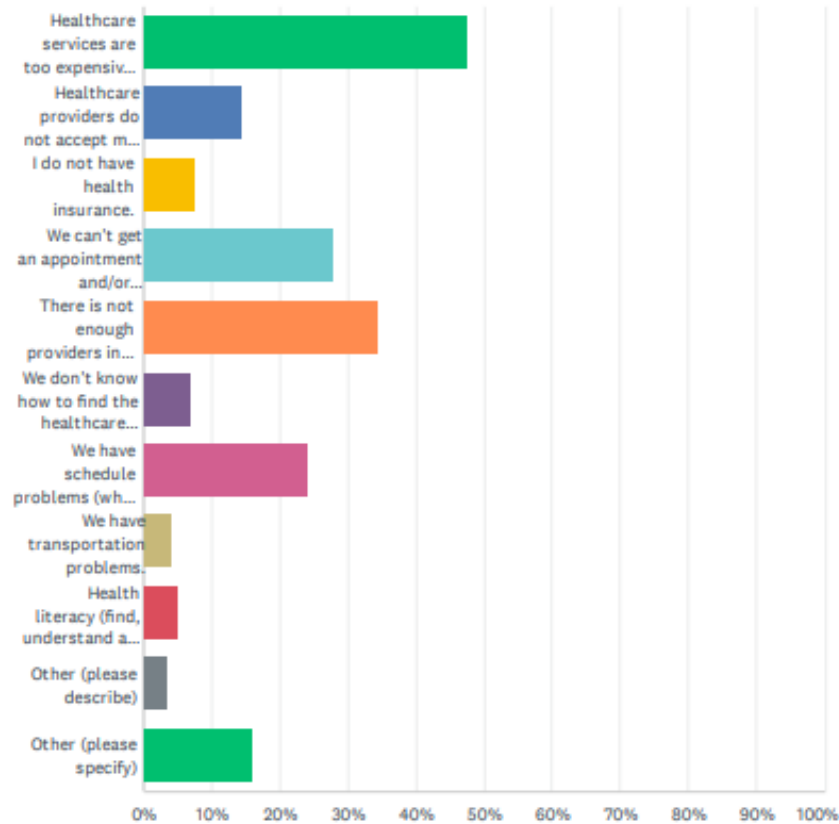
Answered: 204 Skipped: 29



ANSWER CHOICES	RESPONSES	
Dental Health Services	28.43%	58
Mental Health Services	25.00%	51
Physical Health Services	13.73%	28
Spiritual Health Services	5.88%	12
No difficulties with this	54.90%	112
Total Respondents: 204		

Q8 Why is getting these health services a challenge for your household members? Please select all that apply.

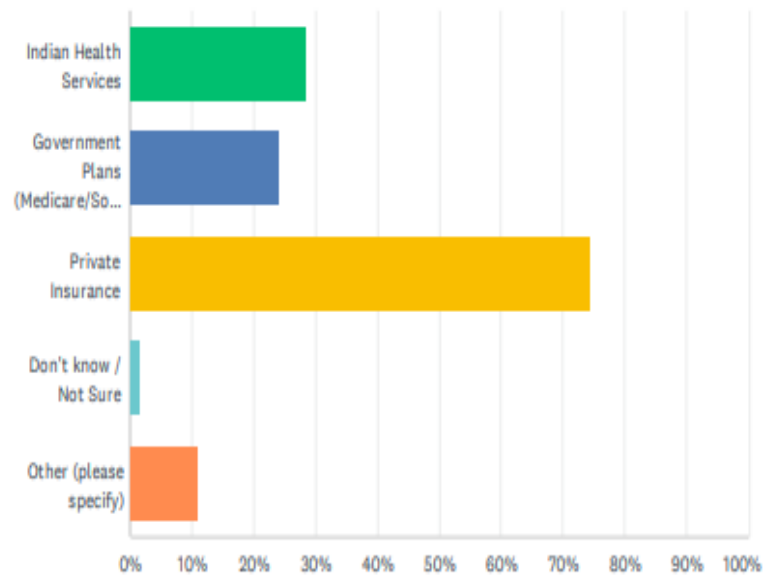
Answered: 162 Skipped: 71



ANSWER CHOICES	RESPONSES	
Healthcare services are too expensive and/or the deductible or copay is too high.	47.53%	77
Healthcare providers do not accept my health insurance.	14.20%	23
I do not have health insurance.	7.41%	12
We can't get an appointment and/or waitlists are too long.	27.78%	45
There is not enough providers in the area	34.57%	56
We don't know how to find the healthcare providers we need	6.79%	11
We have schedule problems (when we are available, healthcare services are closed).	24.07%	39
We have transportation problems.	4.32%	7
Health literacy (find, understand and use information for health related decisions)	4.94%	8
Other (please describe)	3.70%	6
Other (please specify)	16.05%	26
Total Respondents: 162		

Q9 Select the kind of health care coverage that you have. Select all that apply.

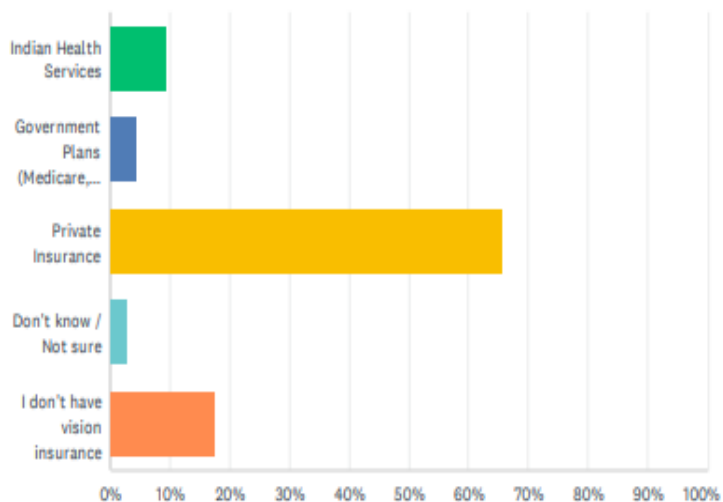
Answered: 204 Skipped: 29



ANSWER CHOICES	RESPONSES	
Indian Health Services	28.43%	58
Government Plans (Medicare/SoonerCare)	24.02%	49
Private Insurance	74.51%	152
Don't know / Not Sure	1.47%	3
Other (please specify)	10.78%	22
Total Respondents: 204		

Q10 If you have vision insurance, who provides this service?

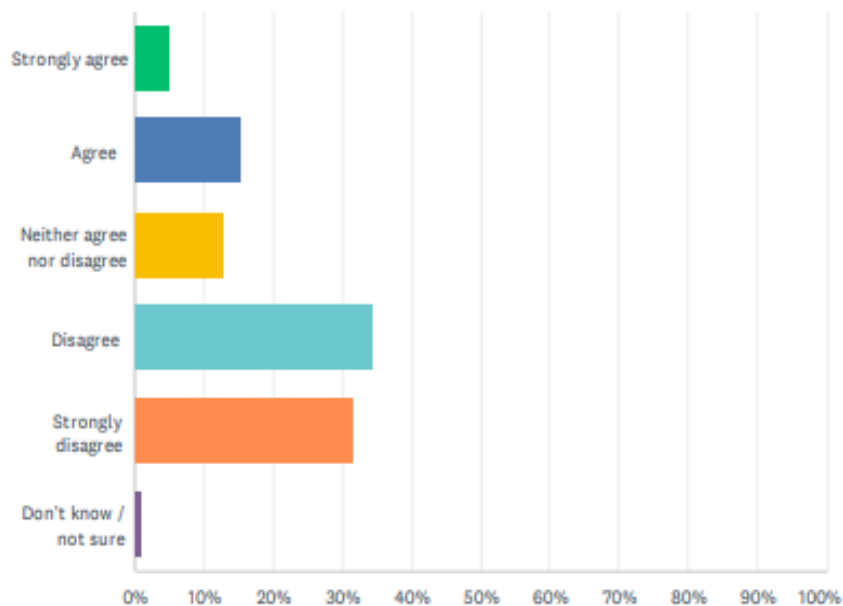
Answered: 201 Skipped: 32



ANSWER CHOICES	RESPONSES	
Indian Health Services	9.45%	19
Government Plans (Medicare, Soonercare)	4.48%	9
Private Insurance	65.67%	132
Don't know / Not sure	2.99%	6
I don't have vision insurance	17.41%	35
TOTAL		201

Q11 Consider your neighborhood as the area within a 20-minute walk or about a mile from your home. How much do you agree with this statement, “It is easy to purchase a variety of affordable fresh fruits and vegetables in my neighborhood.”

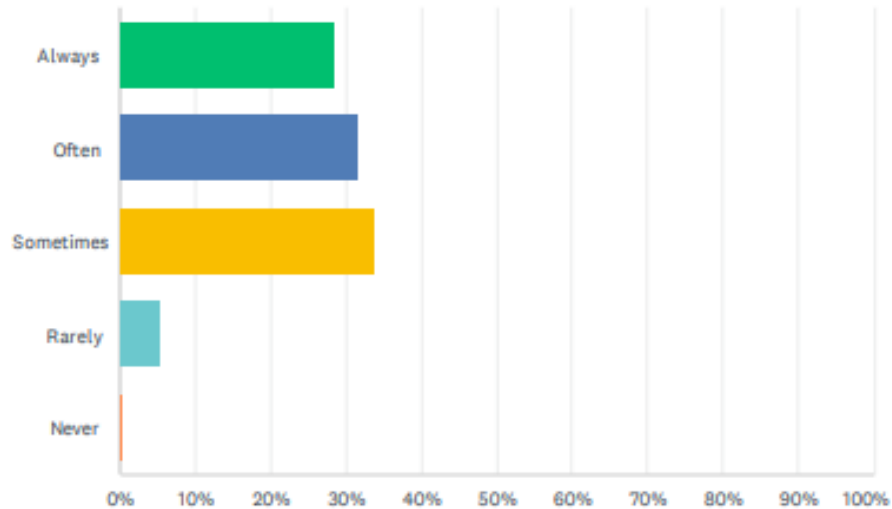
Answered: 203 Skipped: 30



ANSWER CHOICES	RESPONSES	
Strongly agree	4.93%	10
Agree	15.27%	31
Neither agree nor disagree	12.81%	26
Disagree	34.48%	70
Strongly disagree	31.53%	64
Don't know / not sure	0.99%	2
TOTAL		203

Q12 I can get healthy food for my family.

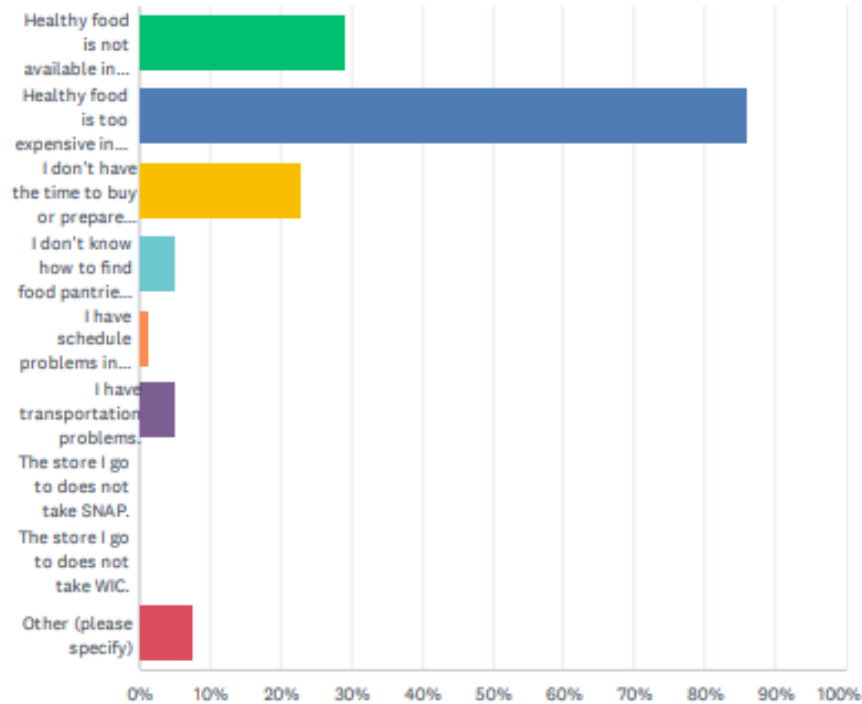
Answered: 203 Skipped: 30



ANSWER CHOICES	RESPONSES	
Always	28.57%	58
Often	31.53%	64
Sometimes	33.99%	69
Rarely	5.42%	11
Never	0.49%	1
TOTAL		203

Q13 Why is getting healthy food a challenge for you? Please select all that apply.

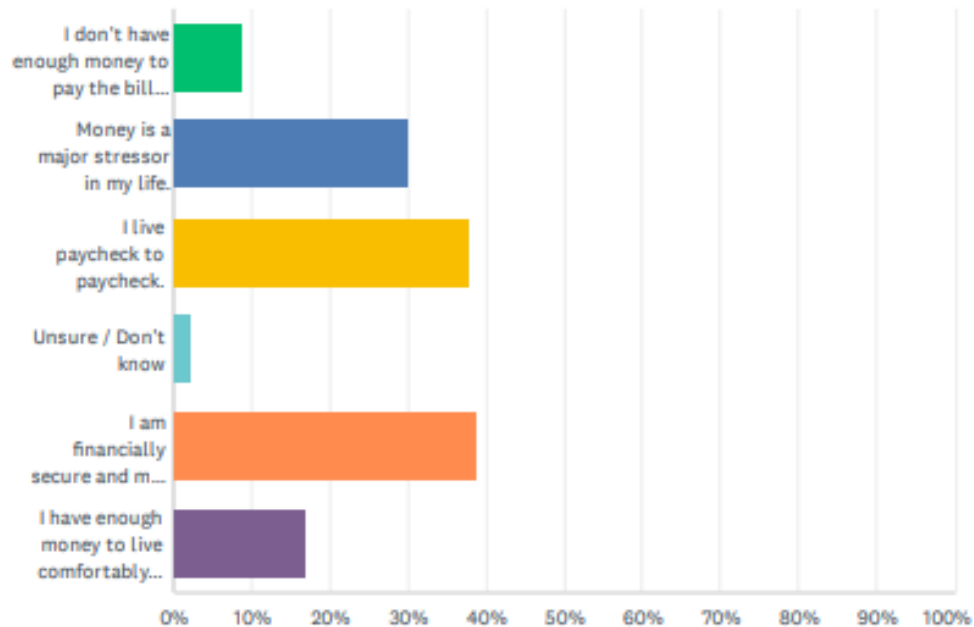
Answered: 79 Skipped: 154



ANSWER CHOICES	RESPONSES	
Healthy food is not available in my community.	29.11%	23
Healthy food is too expensive in my community.	86.08%	68
I don't have the time to buy or prepare healthy food.	22.78%	18
I don't know how to find food pantries and other sources of free food.	5.06%	4
I have schedule problems in accessing stores with healthy foods.	1.27%	1
I have transportation problems.	5.06%	4
The store I go to does not take SNAP.	0.00%	0
The store I go to does not take WIC.	0.00%	0
Other (please specify)	7.59%	6
Total Respondents: 79		

Q14 How would you describe your current financial situation? Select all that apply.

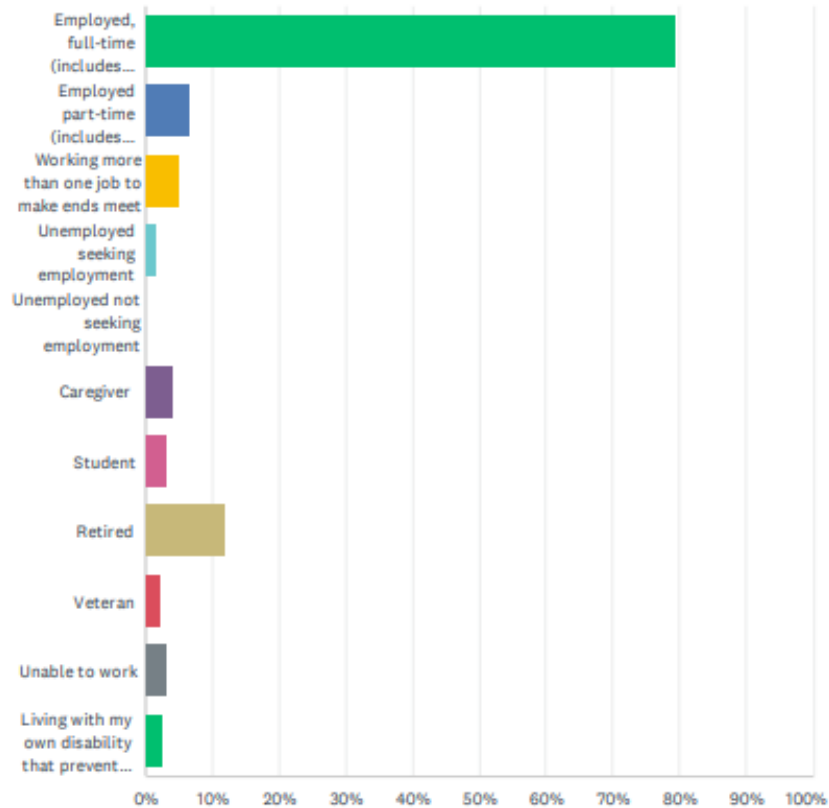
Answered: 196 Skipped: 37



ANSWER CHOICES	RESPONSES	
I don't have enough money to pay the bills to meet household needs.	8.67%	17
Money is a major stressor in my life.	30.10%	59
I live paycheck to paycheck.	37.76%	74
Unsure / Don't know	2.04%	4
I am financially secure and meet my and my family's needs.	38.78%	76
I have enough money to live comfortably without stress.	16.84%	33
Total Respondents: 196		

Q15 What is your employment status? Select all that apply.

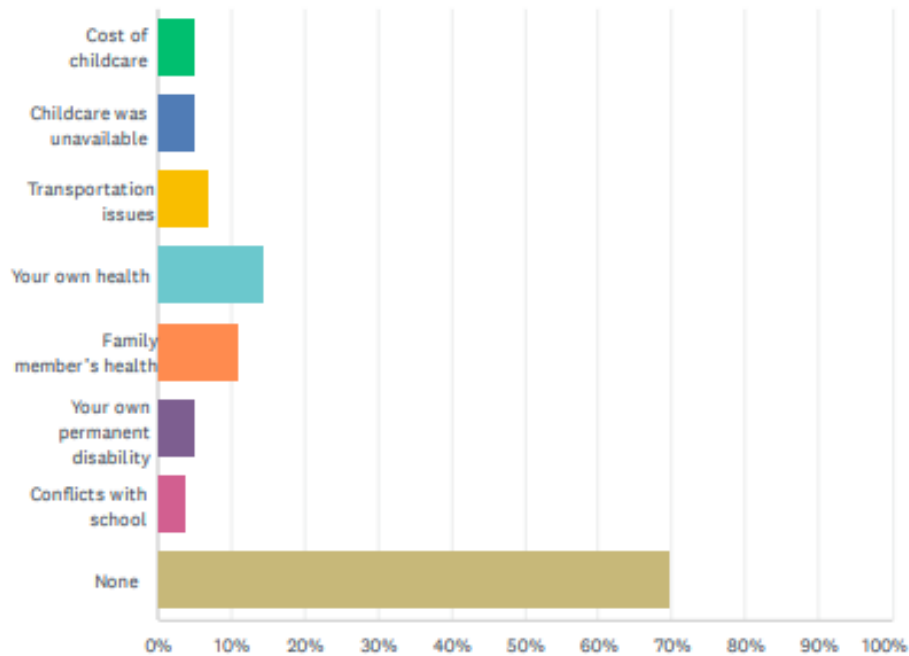
Answered: 194 Skipped: 39



ANSWER CHOICES	RESPONSES	
Employed, full-time (includes self-employed)	79.38%	154
Employed part-time (includes self-employed)	6.70%	13
Working more than one job to make ends meet	5.15%	10
Unemployed seeking employment	1.55%	3
Unemployed not seeking employment	0.00%	0
Caregiver	4.12%	8
Student	3.09%	6
Retired	11.86%	23
Veteran	2.06%	4
Unable to work	3.09%	6
Living with my own disability that prevents me from working	2.58%	5
Total Respondents: 194		

Q16 In the past year, have any of the following things made it hard to keep your job? Select all that apply.

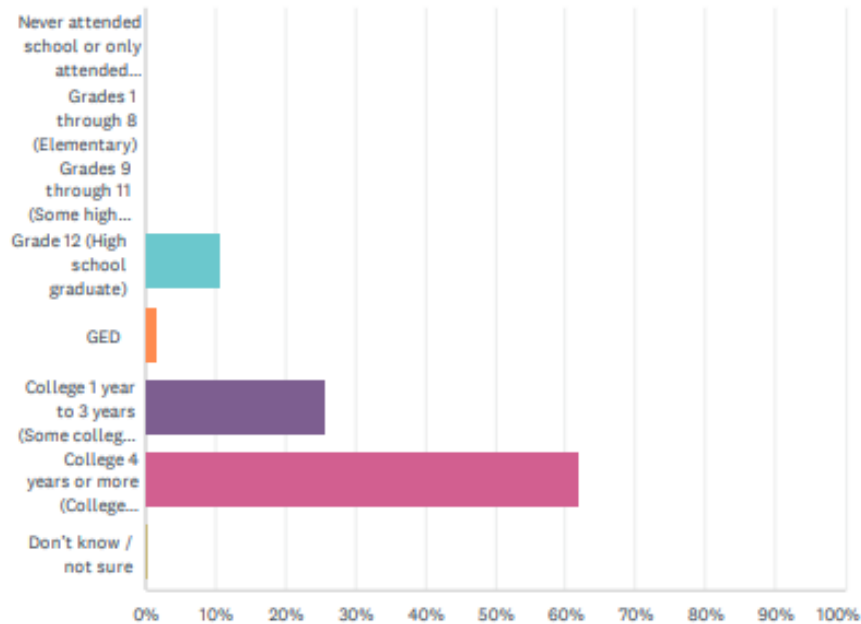
Answered: 185 Skipped: 48



ANSWER CHOICES	RESPONSES	
Cost of childcare	4.86%	9
Childcare was unavailable	4.86%	9
Transportation issues	7.03%	13
Your own health	14.59%	27
Family member's health	10.81%	20
Your own permanent disability	4.86%	9
Conflicts with school	3.78%	7
None	69.73%	129
Total Respondents: 185		

Q17 What is the highest grade or year of school you completed?

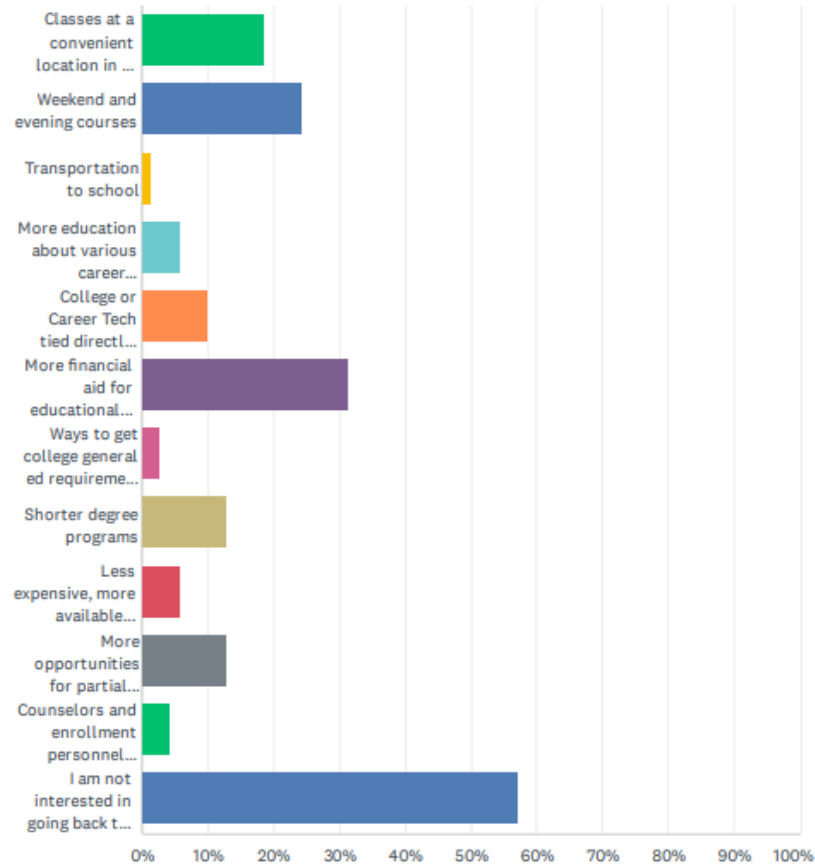
Answered: 196 Skipped: 37



ANSWER CHOICES	RESPONSES	
Never attended school or only attended kindergarten	0.00%	0
Grades 1 through 8 (Elementary)	0.00%	0
Grades 9 through 11 (Some high school)	0.00%	0
Grade 12 (High school graduate)	10.71%	21
GED	1.53%	3
College 1 year to 3 years (Some college or technical school)	25.51%	50
College 4 years or more (College graduate)	61.73%	121
Don't know / not sure	0.51%	1
TOTAL		196

Q18 If you would like to go back to school, which of the following would help you go back to school? Check all that apply.

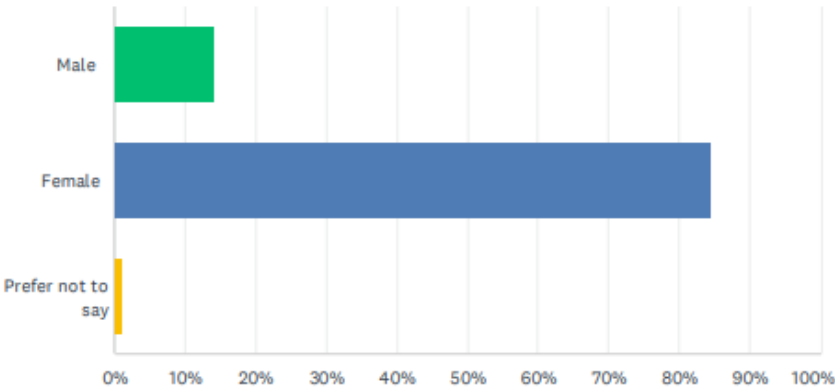
Answered: 70 Skipped: 163



ANSWER CHOICES	RESPONSES	
Classes at a convenient location in my neighborhood or community	18.57%	13
Weekend and evening courses	24.29%	17
Transportation to school	1.43%	1
More education about various career opportunities	5.71%	4
College or Career Tech tied directly with work internships	10.00%	7
More financial aid for educational opportunities	31.43%	22
Ways to get college general ed requirements completed while in high school	2.86%	2
Shorter degree programs	12.86%	9
Less expensive, more available childcare	5.71%	4
More opportunities for partial online and partial in-class courses or more online classes	12.86%	9
Counselors and enrollment personnel available after hours	4.29%	3
I am not interested in going back to school	57.14%	40
Total Respondents: 70		

Q19 What sex were you at birth? Were you...

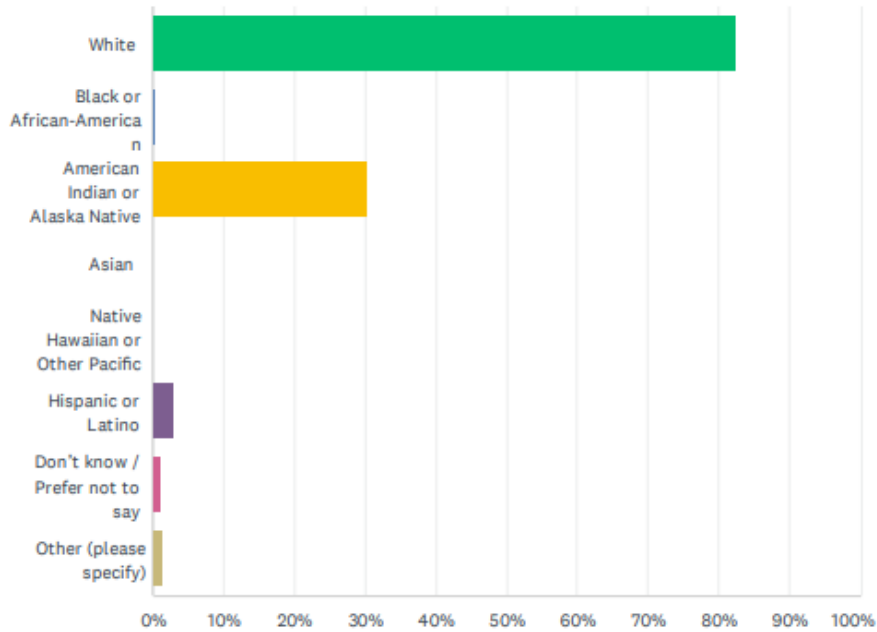
Answered: 195 Skipped: 38



ANSWER CHOICES	RESPONSES	
Male	14.36%	28
Female	84.62%	165
Prefer not to say	1.03%	2
TOTAL		195

**Q20 Which one or more of the following would you say is your race?
Select all that apply.**

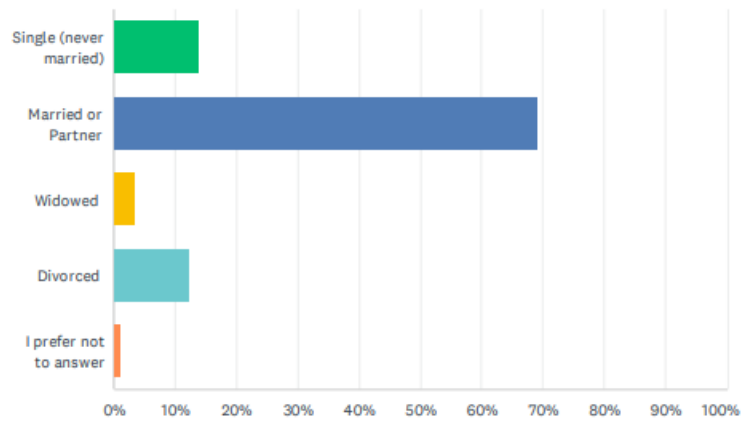
Answered: 195 Skipped: 38



ANSWER CHOICES	RESPONSES	
White	82.56%	161
Black or African-American	0.51%	1
American Indian or Alaska Native	30.26%	59
Asian	0.00%	0
Native Hawaiian or Other Pacific	0.00%	0
Hispanic or Latino	3.08%	6
Don't know / Prefer not to say	1.03%	2
Other (please specify)	1.54%	3
Total Respondents: 195		

Q21 Marital Status

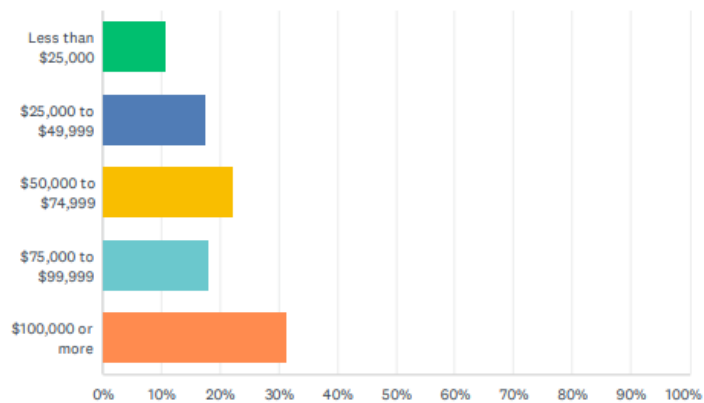
Answered: 194 Skipped: 39



ANSWER CHOICES	RESPONSES	
Single (never married)	13.92%	27
Married or Partner	69.07%	134
Widowed	3.61%	7
Divorced	12.37%	24
I prefer not to answer	1.03%	2
TOTAL		194

Q22 What is your approximate annual household income?

Answered: 194 Skipped: 39



ANSWER CHOICES	RESPONSES	
Less than \$25,000	10.82%	21
\$25,000 to \$49,999	17.53%	34
\$50,000 to \$74,999	22.16%	43
\$75,000 to \$99,999	18.04%	35
\$100,000 or more	31.44%	61
TOTAL		194

Q23 What is your home Zip Code?

Answered: 193 Skipped: 40

Q24 Are you interested in learning more about the community health needs assessment process? Please provide your email if you would like to receive more information.

Answered: 32 Skipped: 201

ANSWER CHOICES	RESPONSES	
Email address	100.00%	32

Appendix B: Ottawa County CHNA Listening Session Notes

Key Health Issues from Listening Session Notes

Ottawa County - Key Health Needs

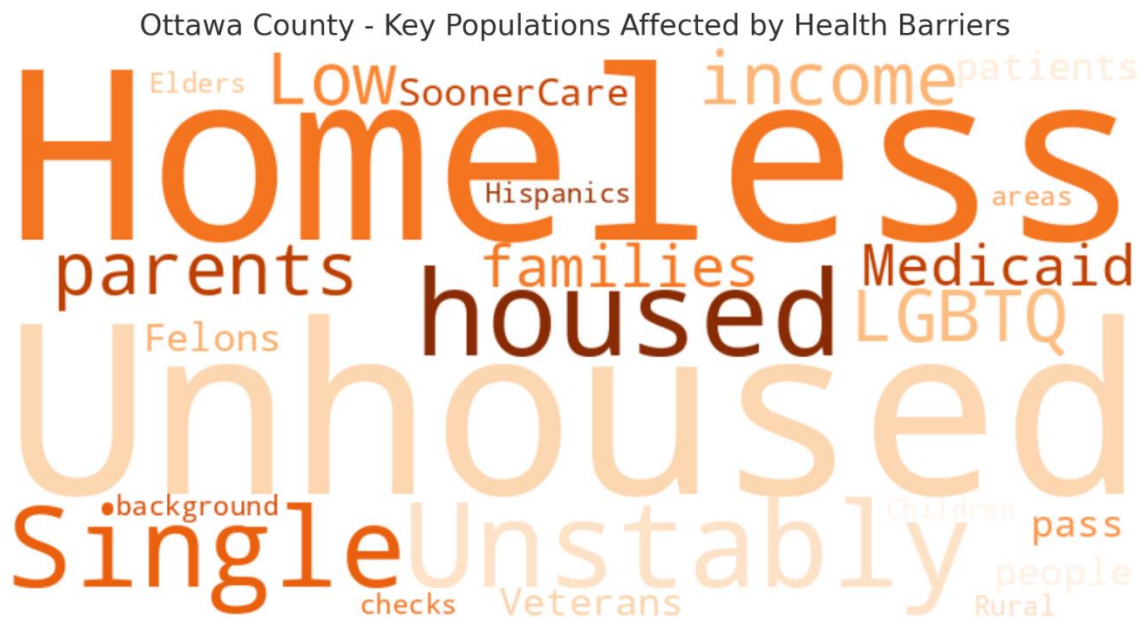


Key Barriers to Health Improvement (Based on Listening Session Notes)

Ottawa County - Key Barriers to Health Improvement



Key Populations Affected by Health Barriers (Based on Listening Session Notes)



Community Collaboration Strategies

