



2015 Community Health Needs Assessment Report

Hamilton County, Indiana

Prepared for



Prepared by



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Introduction

About Riverview Health

Riverview Health is a comprehensive healthcare network comprised of a full-service, 156-bed hospital located in Noblesville, Indiana as well as 25 primary, immediate and specialty care facilities located in Hamilton and Tipton counties.

At Riverview Health, more than 350 physicians—many of whom are board certified or fellowship trained—provide healthcare services in 35 medical specialties. Their expertise, coupled with exceptional specialists and nursing staff, is one of the reasons Riverview Health is frequently recognized for clinical and service excellence.

The organization's goal is to provide compassionate, patient-centered care to everyone in the community. Riverview Health promotes a progressive, nurturing environment—and supports the community through educational seminars, screenings and other events aimed at helping the individual and family stay well.

As one of the largest employers in Hamilton County, Riverview Health plays an important role in the local business community as well. Riverview Health is a nonprofit organization owned by Hamilton County, though it does not receive tax dollars for operating expenses. Riverview Health is governed by a seven-member Board of Trustees appointed by the Hamilton County commissioners which oversees hospital policy and strategic direction.

Riverview Health is accredited by a number of leading regulatory agencies, including:

- American Academy of Sleep Medicine (AASM)
- American Association of Blood Banks (AABB)
- American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR)
- American College of Radiology (ACR)
- American Diabetes Association (ADA)
- College of American Pathologists (CAP)
- Commission on Accreditation of Rehabilitation Facilities (CARF)
- Commission on Cancer (CoC)
- Healthcare Facilities Accreditation Program (HFAP)
- Society of Chest Pain Centers (SCPC)

About The Research Initiative

This Community Health Needs Assessment, completed by SMARI.LLC on behalf of Riverview Health, strives to define the health status, behaviors and health needs of residents in Hamilton County to inform health-related decisions as well as guide efforts to improve the community's overall health and wellness.

This assessment also aims to provide the community with the requisite data to identify the issues of greatest concern and make informed decisions regarding resource allocation in order to make the greatest possible impact on community health status.

The objectives for the Community Health Needs Assessment were as follows:

Primary Objectives (Enable Community Health):

- Improve Hamilton County residents' health status, increase life spans and elevate overall quality of life
- Reduce the health disparities among Hamilton County residents
- Increase accessibility to preventative health services for all Hamilton County residents

Secondary Objectives (Research Goals):

- Identify market perceptions surrounding availability and accessibility of existing healthcare offerings
- Identify current healthcare needs in general and those specific to healthcare service usage, particularly to identify latent community health needs
- Identify perceived healthcare needs or shortages within the local community from the perspective of area residents

SMARI has more than 30 years of experience in the market research industry, conducting numerous nationally (and internationally) based consumer and business-to-business focused initiatives. SMARI has expertise in a wide range of industries, specifically healthcare, hospitals and health systems, in addition to numerous research endeavors in both the pharmaceutical and medical device industries.

Research Methodology

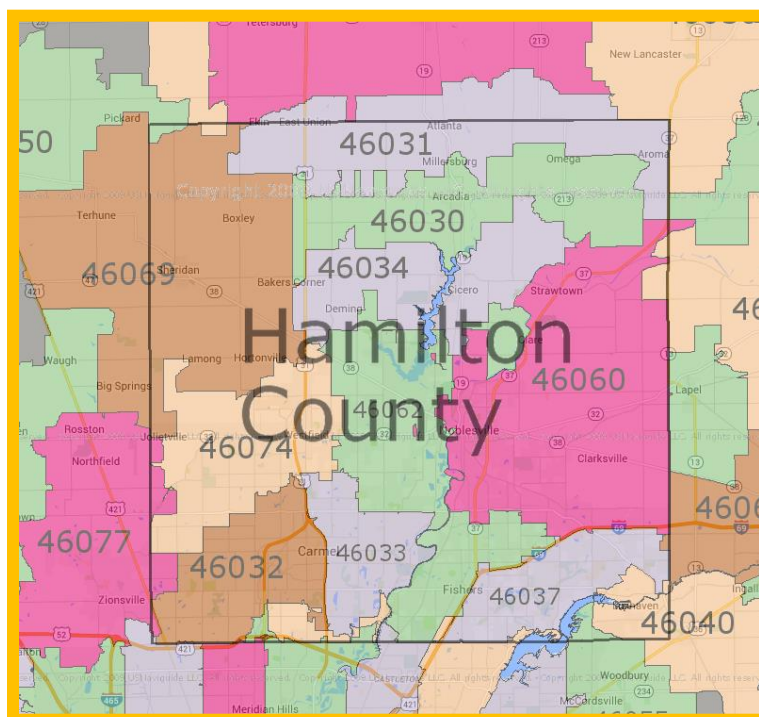
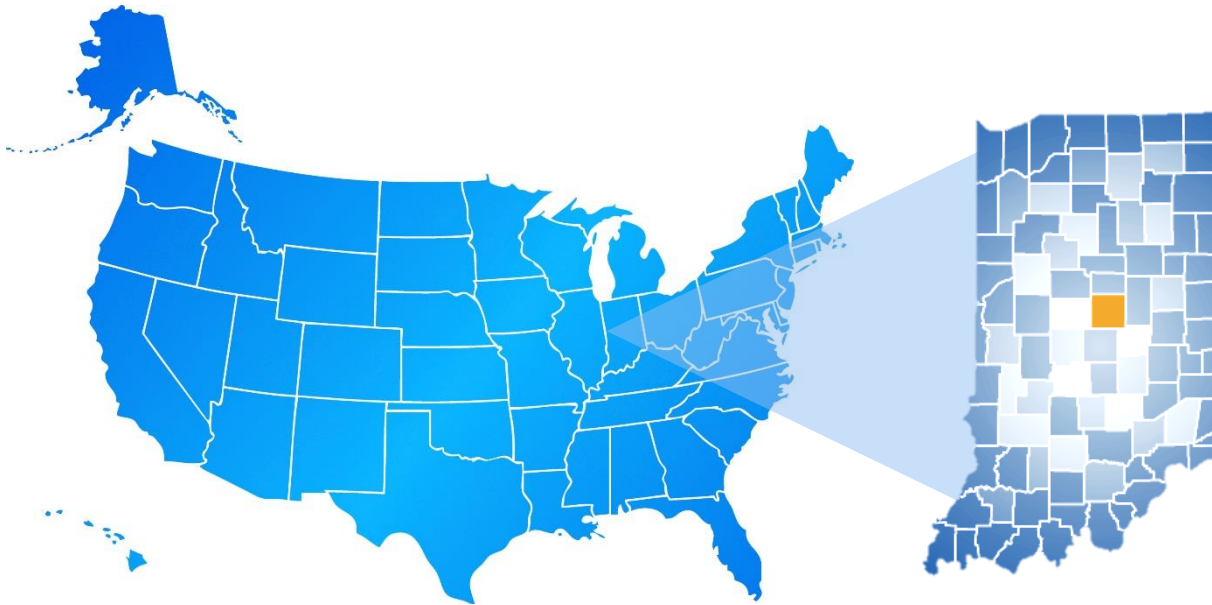
To capture the community health needs of greater Hamilton County, as well as identify the availability and accessibility of existing healthcare offerings and reflect the demographic and socioeconomic composition of the county, SMARI utilized a blended research methodology [a mix of phone and web-based surveys] for this research.

- For efficiencies in reaching a representative and statistically significant sampling of healthcare consumers within the targeted service area of Hamilton County, this blended research methodology employed both online and telephone data collection practices.
- These approaches used advanced electronic data collection techniques to achieve the desired respondent participation. For both methodologies, the survey was programmed to eliminate the need for coding and keypunch functions. This also ensured consistency in the administration of the survey.
- Online participation allowed study participants to interact with a structured survey. Under this approach, survey respondents were directed to a secure URL. All telephone surveys were administered from SMARI's calling center utilizing HIPAA-trained professional data collection interviewers under the direction of supervisory staff.
- To provide for statistical validity and allow for sub-cell segmentation by primary and secondary service areas, a total of 402 surveys were completed.
 - This quota yields an overall data precision of +/- 5% at the 95% confidence level.
- All Community Health Needs Assessment surveys were conducted in a “blind” fashion protecting the anonymity of the source of research.
- Data were weighted to be reflective of the U.S. Census population for Hamilton County.
- Data was broken out by self-reported segments (e.g., Gender, Age, Income).
- Low-income was defined as those at or below the poverty level.

Research Methodology

Defined Community for this Assessment

Study Area: To qualify for this research study, respondents needed to be at least 18 years of age and be a resident in the one of the following Hamilton County ZIP codes: **46030, 46031, 46032, 46033, 46034, 46037, 46038, 46060, 46062, 46069, 46074, 46280 and 46290.**



Secondary Research

Hamilton County Population Information

<u>Population over Time</u>	Hamilton County Population	Rank in State	Percent of State	Indiana
Yesterday (2010)	274,569	4	4.2%	6,483,797
Today (2014)	302,623	4	4.6%	6,596,855
Tomorrow (2020 projection)*	359,035	4	5.2%	6,852,121
Percent Change 2010 to 2014	10.2%	1	0.4%	1.7%

*Projection based on 2010 Census counts. Sources: U.S. Census Bureau; Indiana Business Research Center

<u>Population Estimates by Age, 2014</u>	Hamilton County Population	Rank in State	% Distribution in County	% Distribution in State
Preschool (0 to 4)	20,506	4	6.8%	6.4%
School Age (5 to 17)	65,663	4	21.7%	17.6%
College Age (18 to 24)	21,601	8	7.1%	10.1%
Young Adult (25 to 44)	84,457	4	27.9%	25.3%
Older Adult (45 to 64)	78,832	4	26.0%	26.3%
Seniors (65 and older)	31,564	5	10.4%	14.3%
Median Age	36.4			Median Age = 37.5

<u>Population Estimates by Race and Origin, 2014</u>	Hamilton County	Rank of	% Dist. in County	% Dist. in State
American Indian or Alaska Native Alone	646	7	0.2%	0.4%
Asian Alone	17,057	2	5.6%	2.0%
Black Alone	12,284	8	4.1%	9.6%
Native Hawaiian and Pacific Islander Alone	174	6	0.1%	0.1%
White	266,983	4	88.2%	86.1%
Two or More Race Groups	5,479	5	1.8%	1.9%
Hispanic or Latino Origin (can be of any race)				
Non-Hispanic	291,197	4	96.2%	93.4%
Hispanic	11,426	8	3.8%	6.6%

Housing Information

<u>Household Types</u>	Hamilton County Population	Rank in State	% Dist. in County	% Dist. in State
Households in 2013 (Includes detail not shown below)	103,234	4	100.0%	100.0%
Married with Children	34,359	2	33.3%	19.8%
Married without Children	30,053	4	29.1%	30.1%
Single Parents	7,897	6	7.6%	9.8%
Living Alone	22,511	6	21.8%	27.7%

<u>Housing</u>	Hamilton County Population	Rank in State	% Dist. in County	% Dist. in State
Total Housing Units in 2014 (estimate)	116,286	4	100.0%	100.0%
Total Housing Units in 2013 (includes vacant units)	108,948	5	100.0%	100.0%
Owner Occupied (Pct. distribution based on all housing units)	81,811	4	75.1%	62.0%
Median Value (2013)	\$215,600	1		
Renter Occupied (Pct. distribution based on all housing units)	21,423	8	19.7%	26.6%
Median Rent (2013)	\$822	1		

Sources: [U.S. Census Bureau](#); [Indiana Business Research Center](#)

Mortality Report

All Causes, Total Population	Hamilton County (# of Cases)	State of Indiana (# of Cases)
Diseases of Heart	353	13,718
Malignant Neoplasms (Cancer)	312	13,198
Chronic Lower Respiratory Diseases	94	4,257
Cerebrovascular Diseases (Stroke)	74	2,972
Accidents (Unintentional Injuries)	60	2,854
Alzheimer's Disease	70	2,099
Diabetes Mellitus	42	1,942
Nephritis, Nephrotic Syndrome and Nephrosis (Kidney Disease)	23	1,346
Influenza and Pneumonia	43	1,126
Septicemia	N/A	1,023

Source: Indiana State Department of Health, Epidemiology Resource Center, Data Analysis Team

Demographic Information

Demographic Information		(n=402)	Demographic Information		(n=402)	
ZIP Codes	46030	4%	Education Level	Less than high school	2%	
	46031	1%		High school graduate or equivalent	18%	
	46032	16%		Completed some college, but no degree	18%	
	46033	12%		Associate's degree	7%	
	46034	2%		College graduate	32%	
	46037	11%		Some graduate school, but no degree	3%	
	46038	12%		Completed graduate school	20%	
	46060	18%		Income	Less than \$12,000	4%
	46062	9%			\$12,001 - \$16,000	2%
	46069	2%			\$16,001 - \$20,000	2%
	46074	11%	\$20,001 - \$25,000		4%	
	46280	2%	\$25,001 - \$30,000		5%	
	46290	0%	\$30,001 - \$35,000		2%	
	Age	18 - 24	7%		\$35,001 - \$40,000	4%
25 - 34		19%	\$40,001 - \$50,000		8%	
35 - 44		23%	\$50,001 - \$60,000		9%	
45 - 54		22%	\$60,001 - \$75,000		9%	
55 - 59		8%	\$75,001 - \$100,000	14%		
60 - 64		7%	\$100,001 - \$150,000	20%		
65 - 74		8%	\$150,001+	17%		
75 - 84		4%	Marital Status	Currently married	65%	
85+	2%	In a committed partnership		6%		
Gender	Male	47%		Widowed	6%	
	Female	53%		Separated or divorced	9%	
Ethnicity	African American/Black	6%		Never married	14%	
	American Indian or Alaska Native	1%	Children Under 18 in Household	One	38%	
	Asian or Pacific Islander	4%		Two	39%	
	Caucasian/White	85%		Three	20%	
	Other: please specify	3%		Four	2%	
		Five or more		1%		

Focus Group Research

Focus Group Findings

Executive Summary

Community Health Needs Assessment evaluates community assets and resource gaps to identify the top priority health needs in a community. Focus groups are conducted to gather information about communities as a part of Community Health Needs Assessments. On April 14th, 2015, a focus group was conducted to gain additional insight into top priority health needs in Hamilton County, Indiana. Key community leaders were invited to attend and participate in the focus group.

Participants

- Ann Yeakle from Community Health Network, Kelly Peisker from St. Vincent Health, Joy Davis from Indiana University Health, Janet Gafkjen and Holly Wheeler from Partnership for A Healthy Hamilton County, Nancy Chance from Good Samaritan Network, and Maggie Matson, an MPH student from IUPUI's Fairbanks School of Public Health facilitated the focus group, which was held at Hamilton County Fairgrounds from 11 am-1 pm.
- In attendance were representatives from Advocates for Children and Families; the Cherish Center; Alternatives, Inc.; Aspire Indiana; Children's Bureau, Inc.; CICOA Aging and In-Home Solutions; Community Assistance Program; Community Health Network; Covering Kids; Delaware Township Trustee; Fall Creek Township, Fishers; Franciscan St. Francis Health – Carmel; Gleaners Food Bank; Hamilton County Adult Protective Services; Hamilton County Council on Alcohol and Other Drugs; Hamilton County Department of Child Services; Hamilton County Express; Hamilton County Health Department; Hamilton County Society for the Disabled; HAND, Inc.; Heart & Soul Clinic; Indiana University Health; Janus Developmental Services, Inc.; Legacy Fund, Noblesville; Noblesville Township Trustee; OneZone; Prevail Inc.; PrimeLife Enrichment, Inc.; Purdue Extension; Riverview Health; St. Vincent Health; St. Vincent Health- Carmel; The Salvation Army; Trinity Free Clinic; United Way of Central Indiana; Wayne Township Trustee, Westfield; Westfield Chamber of Commerce; WestLink Consulting; White River Christian Church; and YMCA of Greater Indianapolis.

How the focus group was conducted

- Facilitators instructed participants to sit at one of the ten tables in the room, with people who were not from the same organization as themselves. Facilitators introduced themselves and explained the purpose of the focus group at the start of the meeting. Ann Yeakle from Community Health Network presented results from the previous Community Health Needs Assessment. Then, each attendee introduced themselves and announced the name of the organization they represented.
- First, facilitators asked participants to individually write down the top eight concerns for the community on notes. Then, facilitators assigned each table with the task of identifying the top five concerns for the community through table group discussion by identifying participants' top eight individual concerns. After 30 minutes, a representative from each table presented and shared the top five concerns that emerged from table group discussion with facilitators and the rest of the room, while Ann Yeakle and Joy Davis wrote down and tallied each table's top priority concerns on poster boards hanging up in the front of the room to keep track of the number of times each issue was identified as a top five priority concern. Mental health/drug and alcohol abuse received the greatest number of tally marks, which was acknowledged as the community's top concern at the end of the meeting. Ann Yeakle and Joy Davis grouped closely-related issues together to finalize the list of top five priority concerns for the community after the meeting.

Focus Group Findings – Health Indicators Identified

Top five priority concerns for the community were identified and grouped as:

- Mental Health
- Behavioral Health
- Suicide
- Substance Abuse

Life Skills and Education

Access to Healthcare

Transportation

- Affordable Housing
- Domestic Violence Shelter

Highest Priority

Moderate Priority

Primary Research

Primary Research Executive Summary

Primary Research Executive Summary

- Top Issues / Problems in Community -

- Hamilton County residents believe that obesity in both adults and children is the top issue / problem in the local community. Residents indicated that poor eating habits, lack of exercise and stress are the top contributing factors to this issue.
- Illegal drug abuse and prescription drug abuse were also frequently mentioned as top issues / problems in the community. While only 6% of residents indicated they have had an issue with substance abuse, 1 out of 3 residents indicated it is an issue / problem in the local community. Of those who have suffered from substance abuse, 57% have sought assistance.
- Residents believe that alcohol abuse is another top issue / problem in the community. While 56% of residents indicated they drink alcohol, most are drinking only rarely or occasionally (once a month or a few drinks a week). However, residents believe this is one of the top issues / problems in the local community.
- While residents don't believe access to healthcare is a top issue / problem, they believe that the rate of under or uninsured families is a top issue / problem.
- Smoking is another top issue / problem in the community. While 16% of residents indicated they smoke cigarettes, of those who do smoke, most consume between ½ pack and a full pack a day and 62% have tried stopping within the past year.

Primary Research Executive Summary

- Top Health Concerns in Community -

- When asked about health concerns in the local community, residents indicated that obesity and obesity in children are top concerns.
- Allergies were also mentioned as a top health concern. When residents were asked what they have been diagnosed with or currently experience, allergies were the most commonly mentioned.
- Stress and emotional health is a top health concern, as more than half of area residents indicated they are at least moderately stressed on a typical day. It was found that residents tend to be slightly more stressed at home than they are at work.
- Almost half of residents indicated that mental health is a top health concern for the local community. Residents believe that the best ways to address this concern are to increase the awareness of support programs to help manage personal mental health issues and to increase the awareness and access to mental health screenings.
- Depression / anxiety is thought to be a top health concern, as 13% of residents indicated they have been diagnosed with depression and 10% have been diagnosed with chronic depression. Furthermore, 18% state they have spoken with their physician about depression or anxiety.

Primary Research Executive Summary

- Health Screenings or Education Services Needed -

- When asked what health screenings or education services are needed in the local community, residents indicated that weight management and nutrition screenings / services are the most needed.
- Along with weight management and nutrition, residents believe that exercise / physical activity screenings and services are highly needed.
- Many were concerned with mental health and believed screenings or services in this area could benefit the community.
- Health screenings and services for heart disease, diabetes, blood pressure and cholesterol were also mentioned as top needs in the community.
- Other screenings or services needed in the community were for:
 - Cancer
 - Emergency Preparedness
 - Vaccinations / Immunizations
 - Dental Screenings
 - HIV / Sexually Transmitted Disease
 - Prenatal Care
 - Eating Disorders
 - Disease Outbreak
 - Fall Prevention

Top Issues / Problems Facing the Local Community

Issues / Problems Facing Community

- Obesity in both adults and children are considered top issues / problems in the community.

Problems Facing The Community (n=402)

“Which of the following would you say are problems facing your community?”

Problems	% Selected
Obesity in Adults	45%
Obesity in Children	43%
Illegal Drug Abuse	34%
Prescription Drug Abuse	32%
Alcohol Abuse	30%
Under or Uninsured Families	29%
Smoking	29%
Home Healthcare Services	28%
Special Needs Healthcare for Children	25%
Teenage Pregnancy	24%
Domestic Abuse	24%
Child Abuse or Neglect	23%
Special Needs Healthcare for Adults	23%
Methamphetamine Use	22%
Transportation Challenges	21%
Using Smokeless or Chewing Tobacco	19%
Poverty	19%
Childhood Immunizations	16%
Sexually Transmitted Diseases	16%
Housing Issues	16%
Hunger	16%
Access to Healthcare	16%
Environmental Problems	13%
Pollution	12%
Access to Education	10%
None of These	21%

Issues / Problems Facing Community

Problems Facing the Community (n=402)

“Which of the following would you say are problems facing your community?”

Problems	Male	Female	Low Income	Mid/High Income
Obesity in Adults	45%	45%	35%	46%
Obesity in Children	39%	46%	45%	43%
Illegal Drug Abuse	31%	37%	37%	34%
Prescription Drug Abuse	26%	38%	38%	32%
Alcohol Abuse	26%	33%	31%	30%
Under or Uninsured Families	28%	29%	46%	27%
Smoking	26%	31%	37%	28%
Home Healthcare Services	24%	31%	34%	27%
Special Needs Healthcare for Children	22%	29%	23%	26%
Teenage Pregnancy	22%	26%	25%	24%
Domestic Abuse	18%	29%	34%	23%
Child Abuse or Neglect	20%	26%	39%	22%
Special Needs Healthcare for Adults	16%	28%	34%	22%
Methamphetamine Use	17%	27%	21%	23%
Transportation Challenges	22%	20%	21%	21%
Using Smokeless or Chewing Tobacco	17%	21%	33%	18%
Poverty	19%	18%	25%	18%
Childhood Immunizations	13%	19%	28%	15%
Sexually Transmitted Diseases	15%	16%	11%	16%
Housing Issues	16%	16%	25%	15%
Hunger	15%	16%	26%	15%
Access to Healthcare	17%	15%	28%	14%
Environmental Problems	10%	16%	29%	12%
Pollution	11%	13%	27%	11%
Access to Education	10%	11%	20%	9%
None of These	26%	17%	25%	21%



Shows significant differences between gender of respondents



Shows significant differences between income of respondents

Significant Differences

Issues / Problems Facing Community

“Which of the following would you say are problems facing your community?”

Problems Facing the Community (n=402)

Problems	18 – 39	40 – 64	65+
Obesity in Adults	42%	50%	38%
Obesity in Children	44%	46%	28%
Illegal Drug Abuse	27%	40%	35%
Prescription Drug Abuse	32%	35%	21%
Alcohol Abuse	26%	34%	24%
Under or Uninsured Families	25%	35%	18%
Smoking	29%	29%	25%
Home Healthcare Services	22%	33%	26%
Special Needs Healthcare for Children	21%	30%	19%
Teenage Pregnancy	25%	25%	18%
Domestic Abuse	24%	24%	24%
Child Abuse or Neglect	26%	22%	18%
Special Needs Healthcare for Adults	21%	25%	17%
Methamphetamine Use	29%	20%	13%
Transportation Challenges	23%	19%	23%
Using Smokeless or Chewing Tobacco	17%	22%	14%
Poverty	20%	19%	17%
Childhood Immunizations	16%	17%	11%
Sexually Transmitted Diseases	16%	16%	14%
Housing Issues	14%	19%	12%
Hunger	17%	15%	13%
Access to Healthcare	15%	18%	10%
Environmental Problems	16%	11%	13%
Pollution	12%	12%	16%
Access to Education	9%	11%	10%
None of These	20%	18%	33%

Shows significant differences between age of respondents

Significant Differences

Top Health Concerns for the Local Community

Health Concerns

- Obesity and obesity in children are also of top health concerns for the local community.

Health Concerns for the Local Community (n=402)

	% Selected
Weight Control / Obesity	50%
Obesity in Children	48%
Allergies	44%
Stress / Emotional	43%
Mental Health	40%
Depression / Anxiety	39%
High Cholesterol	39%
High Blood Pressure	38%
Heart Disease	38%
Chemical Dependency	36%
Diabetes	34%
Teenage Pregnancy	33%
Special Needs Child Care	32%
Smoking / Tobacco Use	32%
K-12 Education	31%
Geriatric Care	31%
Health Insurance	30%
Domestic Abuse	30%
Prenatal Care	29%
Dental / Oral Health	27%
Chronic Disease	26%
Sexual Abuse	26%
Immunization and Infectious Diseases	25%
Asthma	25%
Access to Healthcare	24%
HIV	23%
Injury Prevention	22%
Infant Mortality	18%
Hearing / Vision Problems	17%
Other	1%
No Concerns	20%

“In your opinion, which of the following do you believe are concerns for your local community?”

Health Concerns

“In your opinion, which of the following do you believe are concerns for your local community?”

Health Concerns for the Local Community (n=402)

Community Concerns	Male	Female	Low Income	Mid/High Income
Weight Control / Obesity	47%	52%	39%	51%
Obesity in Children	45%	49%	43%	48%
Allergies	37%	54%	53%	44%
Stress / Emotional Health	36%	50%	30%	44%
Mental Health	29%	50%	30%	41%
Depression / Anxiety	33%	45%	35%	40%
High Cholesterol	40%	37%	31%	39%
High Blood Pressure	38%	38%	28%	39%
Heart Disease	35%	40%	32%	38%
Chemical Dependency	31%	40%	35%	36%
Diabetes	34%	33%	39%	33%
Teenage Pregnancy	34%	31%	25%	33%
Special Needs Child Care	28%	36%	33%	32%
Smoking / Tobacco Use	29%	35%	47%	31%
K-12 Education	31%	31%	36%	31%
Geriatric Care	28%	34%	30%	31%
Health Insurance	29%	31%	42%	29%
Domestic Abuse	25%	35%	23%	31%
Prenatal Care	27%	31%	28%	29%
Dental / Oral Health	26%	28%	32%	27%
Chronic Disease	23%	29%	27%	26%
Sexual Abuse	21%	30%	28%	26%
Immunization and Infectious Diseases	24%	27%	42%	24%
Asthma	21%	28%	21%	25%
Access to Healthcare	26%	22%	37%	23%
HIV	20%	25%	32%	22%
Injury Prevention	19%	24%	23%	22%
Infant Mortality	18%	19%	25%	18%
Hearing / Vision Problems	17%	18%	24%	17%
Other	2%	0%	0%	1%
No Concerns	23%	18%	21%	20%



Shows significant differences between gender of respondents



Shows significant differences between income of respondents

Significant Differences

Health Concerns

“In your opinion, which of the following do you believe are concerns for your local community?”

Health Concerns for the Local Community (n=402)

Community Concerns	18 – 39	40 – 64	65+
Weight Control / Obesity	51%	52%	36%
Obesity in Children	49%	51%	32%
Allergies	51%	46%	28%
Stress / Emotional Health	46%	47%	24%
Mental Health	47%	40%	23%
Depression / Anxiety	42%	43%	20%
High Cholesterol	32%	45%	33%
High Blood Pressure	35%	41%	36%
Heart Disease	33%	44%	29%
Chemical Dependency	30%	44%	23%
Diabetes	33%	36%	26%
Teenage Pregnancy	34%	34%	22%
Special Needs Child Care	25%	38%	32%
Smoking / Tobacco Use	36%	31%	27%
K-12 Education	32%	34%	21%
Geriatric Care	27%	37%	24%
Health Insurance	31%	32%	23%
Domestic Abuse	30%	33%	21%
Prenatal Care	33%	30%	16%
Dental / Oral Health	29%	28%	21%
Chronic Disease	27%	29%	15%
Sexual Abuse	25%	28%	22%
Immunization and Infectious Diseases	23%	28%	22%
Asthma	26%	26%	14%
Access to Healthcare	21%	28%	19%
HIV	24%	24%	15%
Injury Prevention	24%	23%	14%
Infant Mortality	19%	19%	13%
Hearing / Vision Problems	16%	19%	15%
Other	1%	1%	0%
No Concerns	19%	17%	30%

Shows significant differences between age of respondents

Significant Differences

General Health

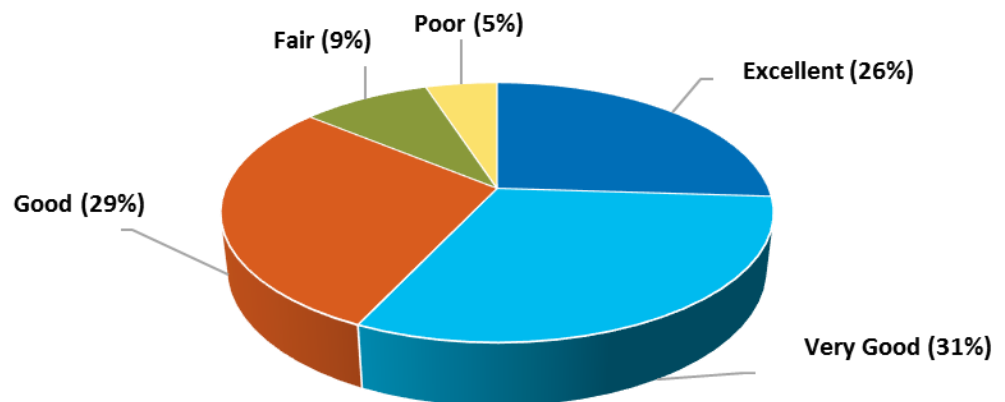
General Health

Hamilton County residents believe the community's general health is reflective of their own general health.

“Would you say that in general your health is...?”

- 57% rated their personal general health “Excellent or Very Good”
- 14% rated their personal general health “Fair or Poor”

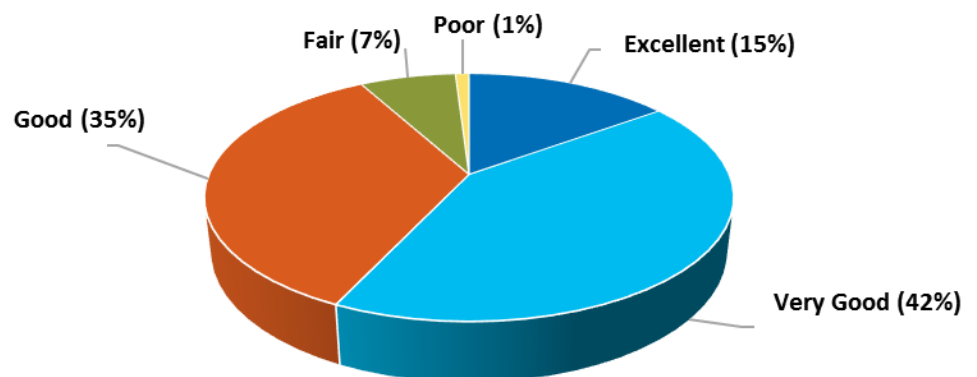
Self-Reported General Health Status (n=402)



“How would you assess the overall general health of the community in which you live?”

- 57% rated the community's general health “Excellent or Very Good”
- 8% rated the community's general health “Fair or Poor”

Perceived Community General Health (n=402)

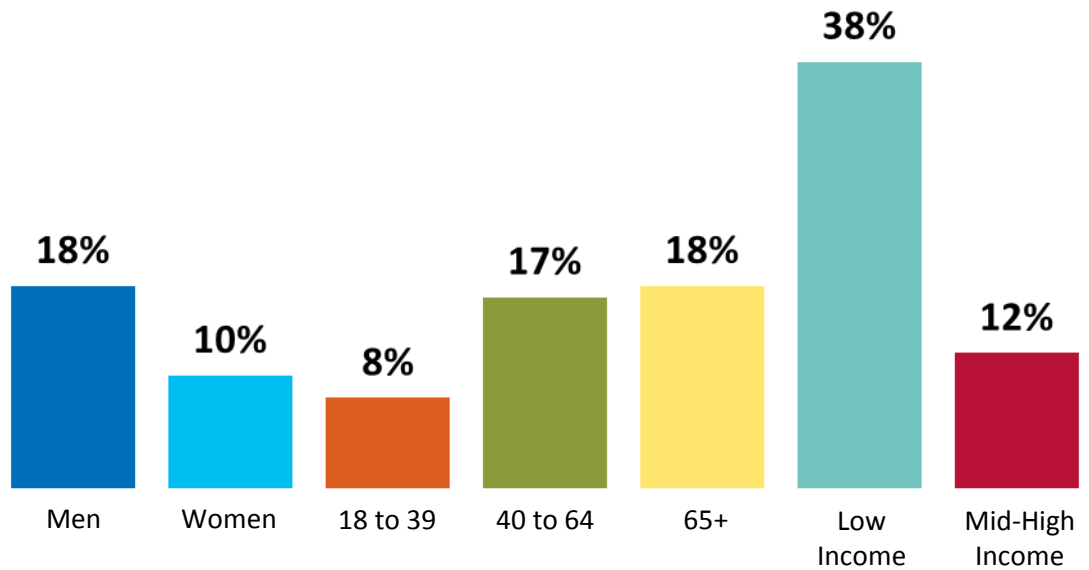


General Health

“Would you say that in general your health is...?”

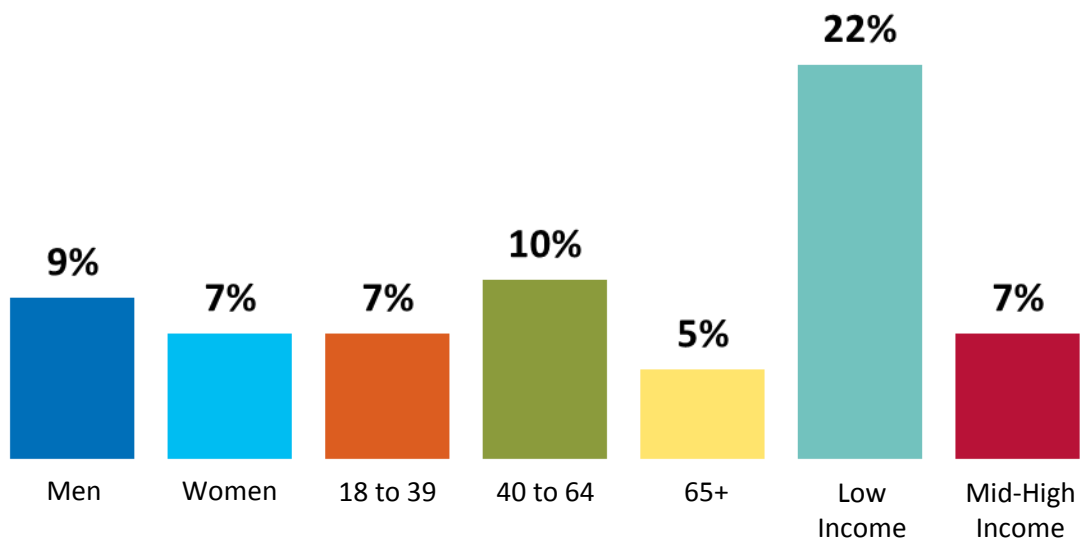
- Low-income males between ages 40 – 65+ tend to self-report worse general health than the overall community.

Self-Reported “Fair” or “Poor” General Health (n=402)



- Low income residents tend to have a more negative perception of the general health in the community.

Perceived Community’s General Health as “Fair” or “Poor” (n=402)



“How would you assess the overall general health of the community in which you live?”

General Health Summary

- When assessing general health, Hamilton County residents believe the community's general health is reflective of their own health.
 - 57% rate their personal general health as “Excellent” or “Very Good”
 - 57% also rate the community's general health as “Excellent” or “Very Good”
- Low-income males ages 40 – 65+ tend to report worse general health compared to the community at large.

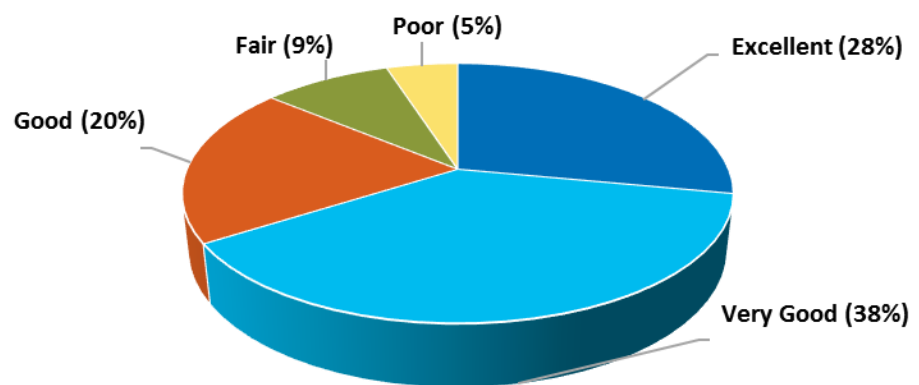
Mental Health

Mental Health

Hamilton County residents believe their personal mental health is slightly better than the community overall.

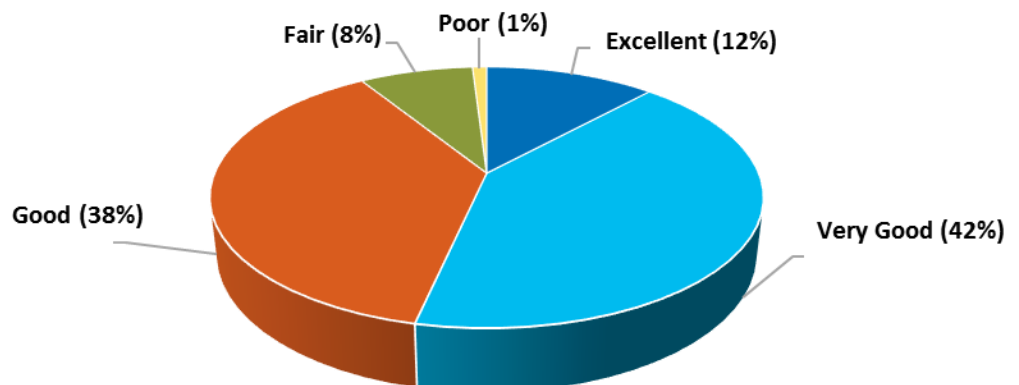
- 66% rated their personal mental health as “Excellent or Very Good”
- 14% rated their personal mental health as “Fair or Poor”

Self-Reported Mental Health Status (n=402)



- 54% rated the community's mental health as “Excellent or Very Good”
- 9% rated the community's mental health as “Fair or Poor”

Perceived Community Mental Health Status (n=402)



“Now thinking about your mental health, would you say that in general your mental health is...?”

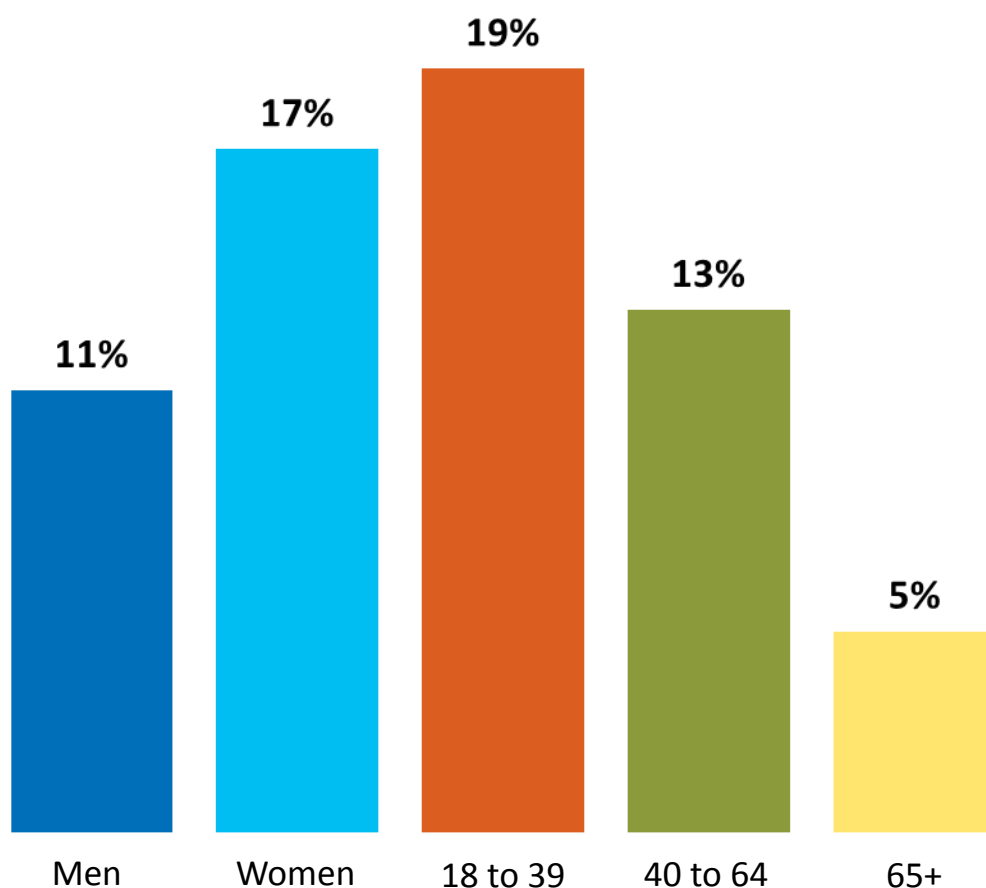
“Now thinking about the overall community, which you live, how would you assess its mental health, would you say that in general the mental health of the community is..?”

Mental Health

- Women ages 18 to 39 tend to self-report worse mental health than the overall community.

“Now, thinking about your mental health, would you say that in general your mental health is...?”

Self-Report “Fair” or “Poor” Mental Health (n=402)



Mental Health

“In your opinion, which of the following do you believe are concerns for your local community?”

- 40% of Hamilton County residents indicate that mental health is a health concern for the local community, ranking it 5th amongst all health concerns.

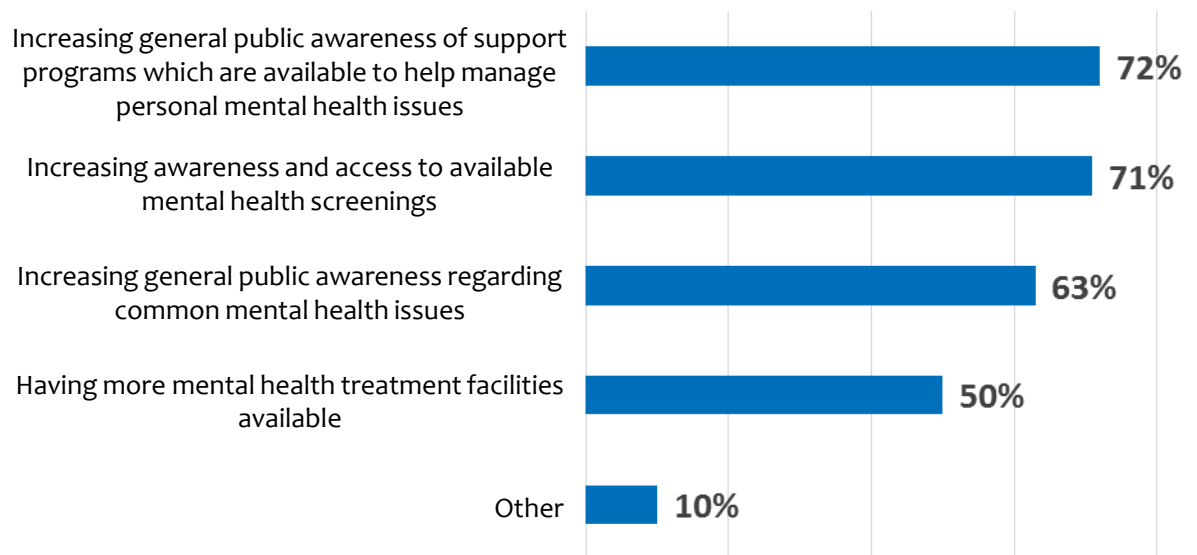
Health Concerns for the Local Community (n=402)



- 72% of Hamilton County residents believe increasing awareness of support programs to help manage personal mental health issues could improve the overall mental health of the community.
- Increasing awareness and access to mental health screenings was also thought to be effective in improving mental health in the community.

“Which of the following could help to improve the overall mental health of your community?”

Suggested Improvements to Community Mental Health (n=402)



Mental Health

“In your opinion, what health screenings or education/information services are needed in your community?”

- 53% of Hamilton County residents indicate that mental health screenings or education/information services are needed in the community, ranking it the 3rd highest concern in that category.

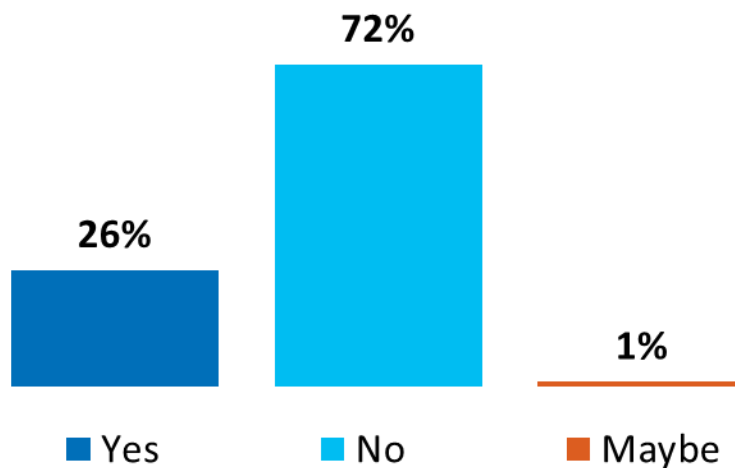
Health Screenings or Education/Information Services Needed (n=402)



- Nearly 1 out of 4 Hamilton County residents have sought professional help for a mental or emotional problem.

“Have you sought professional help for a mental or emotional problem?”

Sought Professional Help (n=402)



Mental Health

“In your opinion, which of the following do you believe are concerns for your local community?”

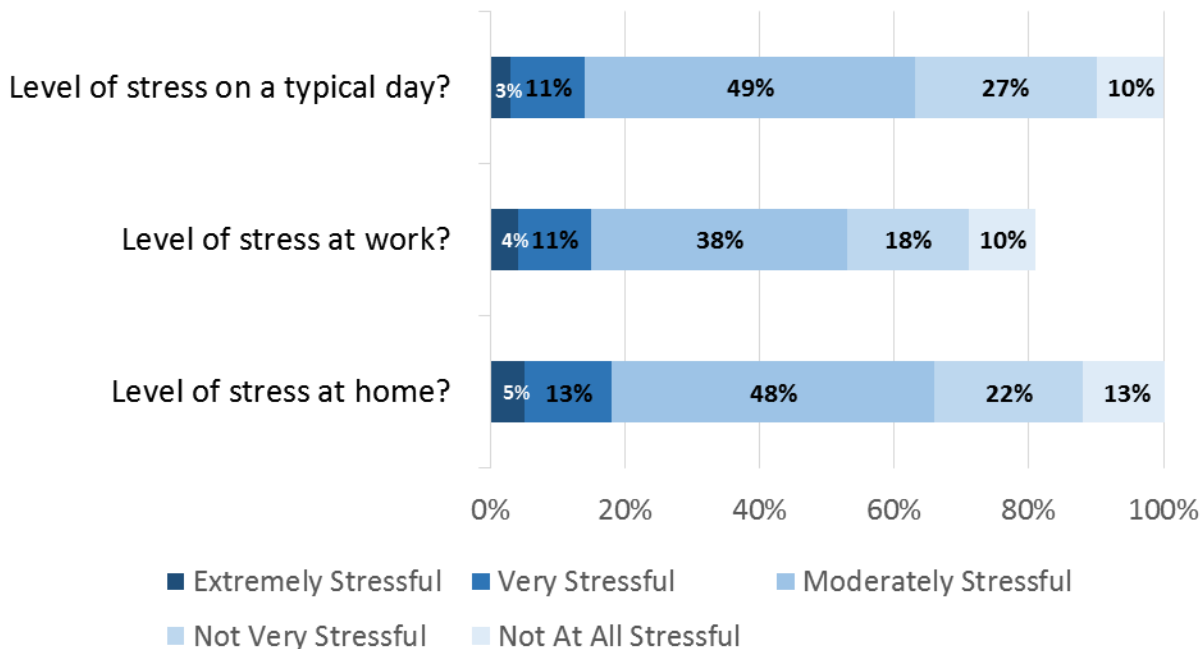
- 43% of Hamilton County residents indicate that stress is a health concern for the local community, ranking it 4th among all health concerns.

Health Concerns for the Local Community (n=402)



- Almost half (49%) of residents indicate they are moderately stressed on a typical day.
- Residents tend to be slightly more stressed at home than they are at work.

Stress Level Assessment (n=402)



“What is your perceived level of stress on a typical day?”

“How would you assess your level of stress at work?”

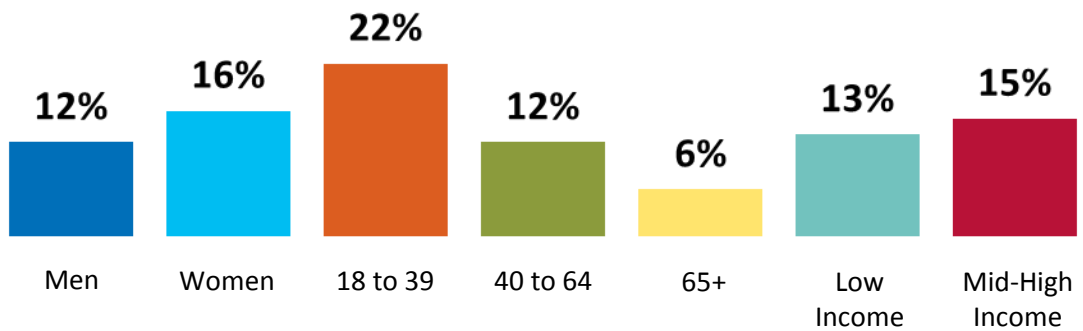
“How would you assess your level of stress at home?”

Mental Health

- Residents between 18 and 39 tend to be the most stressed overall. Mid/high income residents tend to be more stressed at work while lower-income residents are more stressed at home.

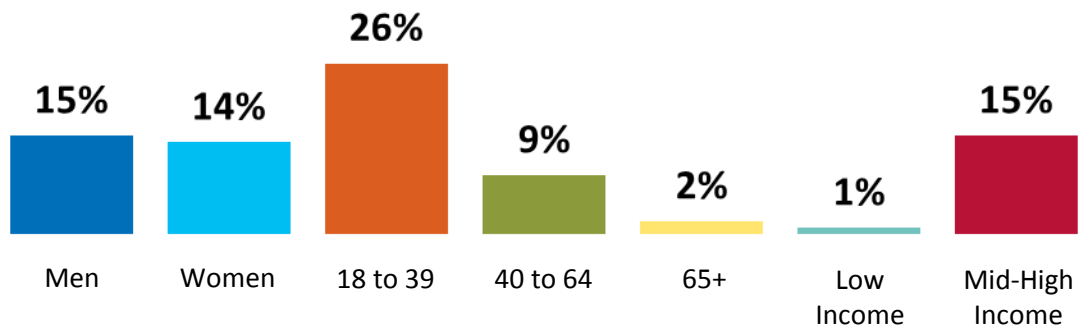
“What is your perceived level of stress on a typical day?”

Stress Level Assessment Rated “Extremely” or “Very” Stressful (n=402)



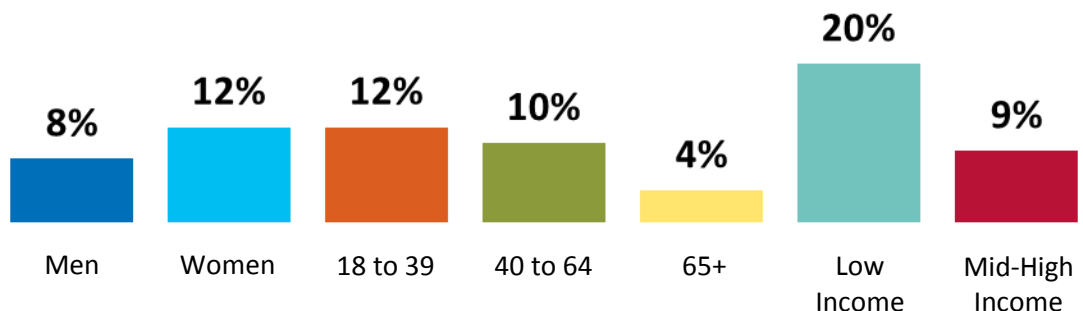
“How would you assess your level of stress at work?”

Stress Level at Work Rated “Extremely” or “Very” Stressful (n=402)



“How would you assess your level of stress at home?”

Stress Level at Home Rated “Extremely” or “Very” Stressful (n=402)



Mental Health Summary

- 2 out of 5 residents believe mental health is a health concern for the local community.
 - When asked what health screenings or education services are needed in the community, 53% indicated mental health services are needed.
 - When assessing mental health, Hamilton County residents rate their personal mental health to be better overall than their perception of the community's mental health.
 - 66% rate their personal mental health as “excellent” or “very good”
 - 54% rate the community's mental health as “excellent” or “very good”
 - Hamilton county residents believe the best ways to improve the overall mental health of the community is to:
 - Increase the awareness of support programs to help manage mental health issues (72%)
 - Increase awareness/access to available mental health screenings (71%)
 - Increase general public awareness regarding common mental health issues (63%)
 - 26% of residents have sought out professional help for mental or emotional problems in the past.
-
- When asked about stress, 43% of residents indicated that stress is a health concern for the local community.
 - Almost half of Hamilton County residents rate their level of stress on a typical day to be “moderately stressful” (49%), while only 14% rated their level of stress on a typical day to be “very stressful” or “extremely stressful.”
 - Stress level assessments reveal that residents are more stressed at home than they are at work.

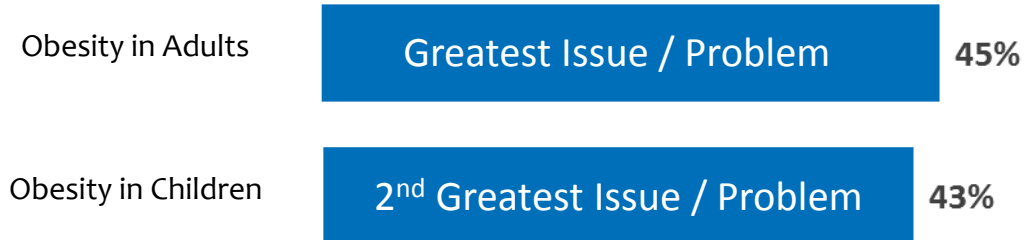
Ailments and Screenings

Ailments and Screenings

“In your opinion, which of the following do you believe are problems facing your community?”

- Obesity is among the top issues / problems facing the community. 45% indicated it is a problem in the community and 43% specifically indicated obesity in children is a problem.

Issues / Problems Facing the Community (n=402)



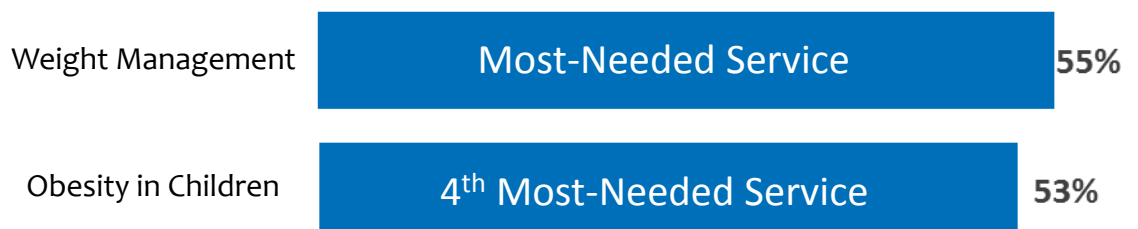
- Obesity is among the top health concerns for the community according to 50% of respondents. In addition, 48% specifically indicated obesity in children is a health concern in the community.

Health Concerns for Local Community (n=402)



- 55% of Hamilton County residents indicated that weight management and 53% indicated child obesity screenings or education/information services are needed in the community.

Health Screenings or Education/Information Services Needed (n=402)



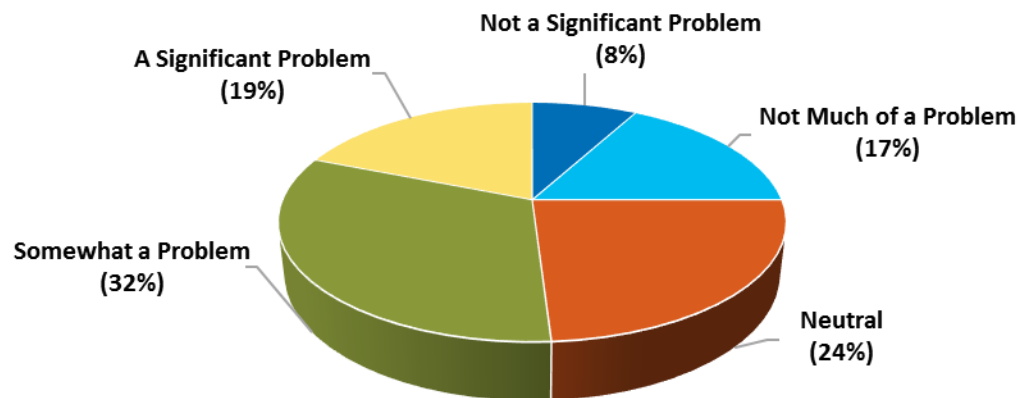
“In your opinion, which of the following do you believe are concerns for your local community?”

“In your opinion, what health screenings or education/information services are needed in your community?”

Ailments and Screenings

- More than half (51%) of residents believe obesity is either “A Significant Problem or Somewhat a Problem.”
- 25% rated the obesity problem in the community as “Not a Significant Problem or Not Much of a Problem.”

Extent Obesity is Believed to be a Problem in Community (n=402)



- Residents believe eating habits, lack of exercise and stress are the top contributing factors to obesity and the ability to maintain a healthy weight in the community.

Contributing Factors to Obesity in Community (n=402)

Factors	Factors that Contribute to Obesity in Community	Factors that Impact Ability to Maintain a Healthy Weight
Eating habits	81%	59%
Don't like to exercise	64%	30%
Stress	57%	39%
Unsure of nutritional value in restaurant meals	48%	25%
Don't like fruits and vegetables	39%	12%
Cost and lack of healthy foods	35%	22%
Not enough safe parks, sidewalks, walking trails, and low cost gym memberships	21%	16%
Other	7%	8%

“To what extent do you believe that obesity is a problem in your community?”

“In your opinion, what factors contribute to obesity in your community?”

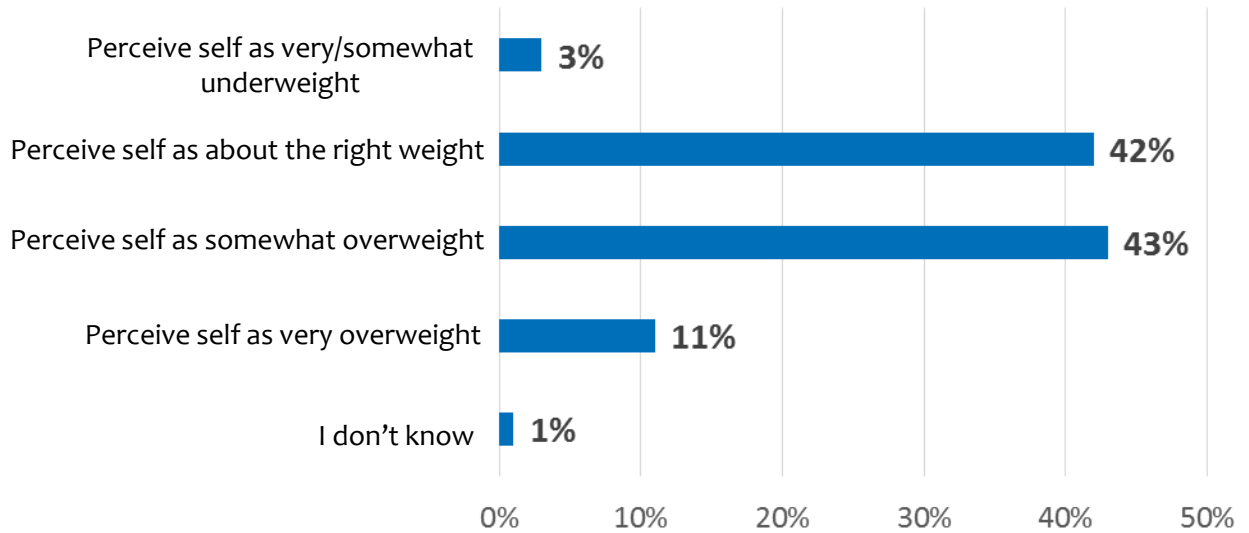
“What are the things that most impact your own ability to maintain a healthy weight?”

Ailments and Screenings

- 54% of residents perceive themselves as overweight.
- 42% consider themselves to be “about the right weight.”

“Of these, which one best describes your current weight?”

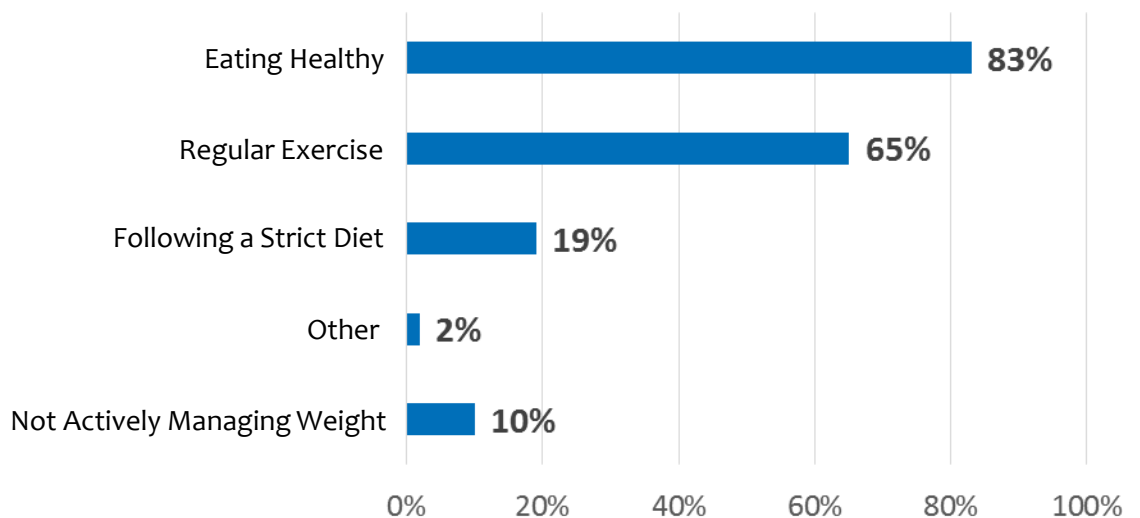
Perception of Current Weight (n=402)



- Residents are eating healthy (83%) and regularly exercising (63%) in order to manage their weight.

“Which, if any, of the following are you currently doing to manage your weight?”

Method of Managing Weight (n=402)



Ailments and Screenings

“In your opinion, what health screenings or education/information services are needed in your community?”

52% of Hamilton County residents indicated that exercise/physical activity screenings or education/information services are needed in the community.

Health Screenings or Education/Information Services Needed (n=402)

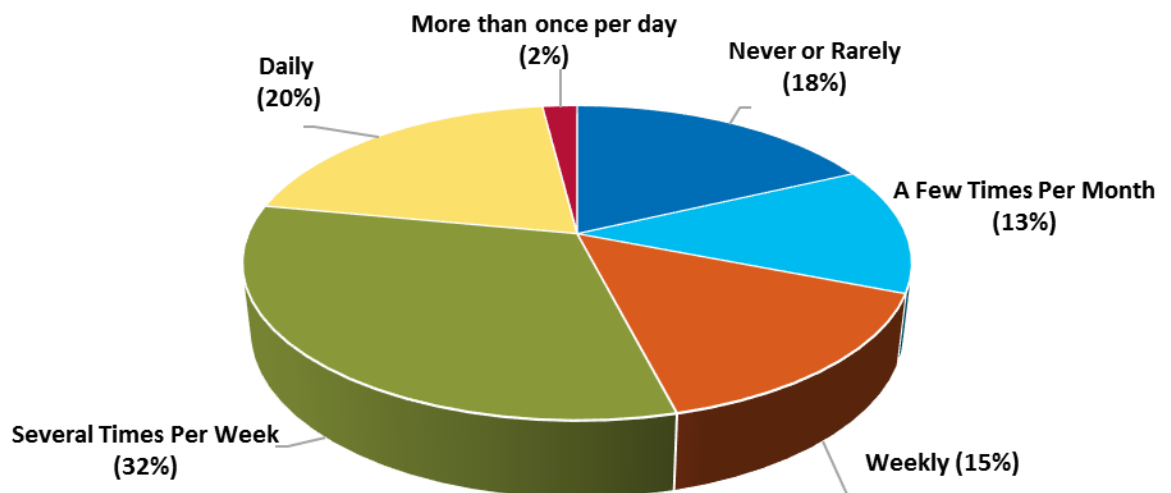
Exercise / Physical Activity

5th Most-Needed Service

52%

2 out of 3 (69%) residents are exercising at least once a week with most (32%) exercising several times a week.

How Often Do You Exercise (n=402)

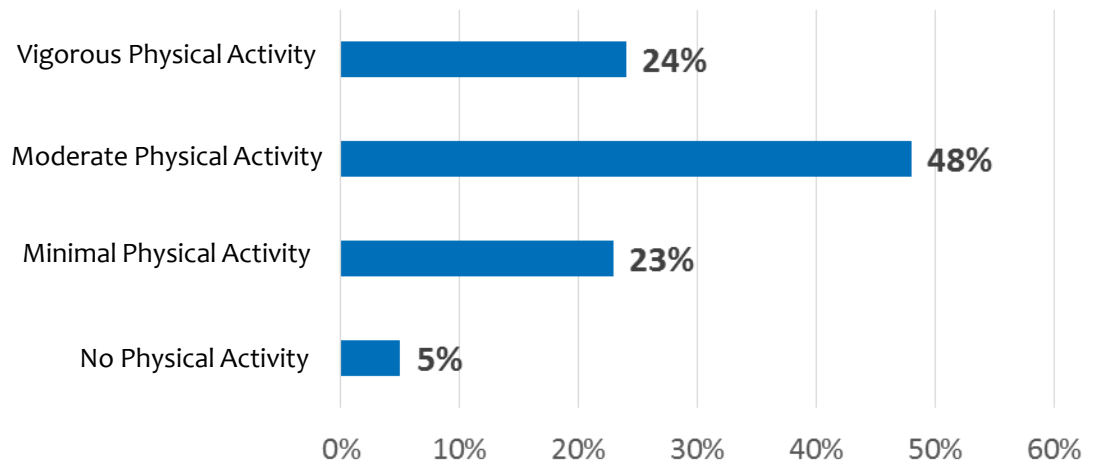


“How often do you personally exercise? Is your exercise frequency best described as...?”

Ailments and Screenings

About half of residents indicated they are moderately active (48%), with only 5% indicating they are not active.

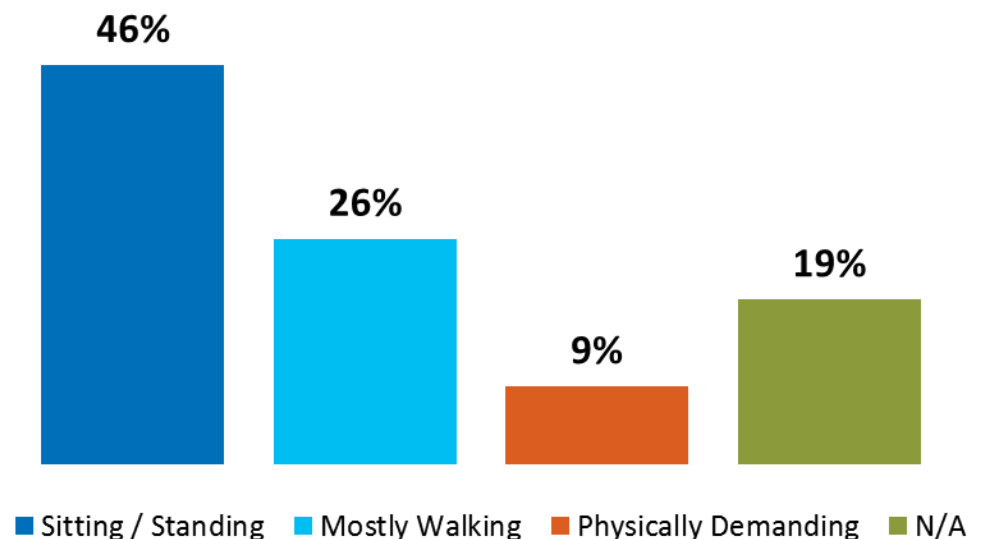
Personal Level of Physical Activity (n=402)



“In the past month, how would you assess your personal level of physical activity? Would you describe your activity as...?”

Almost half (46%) of residents are either sitting or standing at work. Only 9% consider their job to be physically demanding.

Physical Activity While At Work (n=402)



“How would you assess your primary level of physical activity while at work? Is it...?”

Ailments and Screenings Summary

- Obesity is among the top issues / problems and health concerns for the community. 51% of residents indicated that obesity is either “a significant problem” or “somewhat a problem.”
 - Residents also perceive themselves to be generally overweight, with more than half (54%) indicating they believe they are overweight.
 - Residents believe the biggest factors that attribute to the obesity problem are eating habits, lack of exercise and stress.
 - Many residents (55%) indicated that weight management screenings or education services are needed in the community, with 53% specifically indicating childhood obesity education or screenings are needed.
-
- When asked about exercise, 67% of residents indicated they are exercising at least once a week with several (32%) indicating they exercise several times a week.
 - 52% of residents think exercise/physical activity screenings or education services are needed in the community.
 - Assessing levels of physical activity at worked revealed that 46% are either sitting or standing during a typical work day. 9% consider their job to be physically demanding.

Access to Healthcare / Usage

Access to Healthcare / Usage

“In your opinion, which of the following do you believe are problems facing your community?”

Under or uninsured families are one of the top issues / problems facing the community; however, access to healthcare is not considered by residents to be one of the top issues / problems facing the community.

Issues / Problems Facing the Community (n=402)



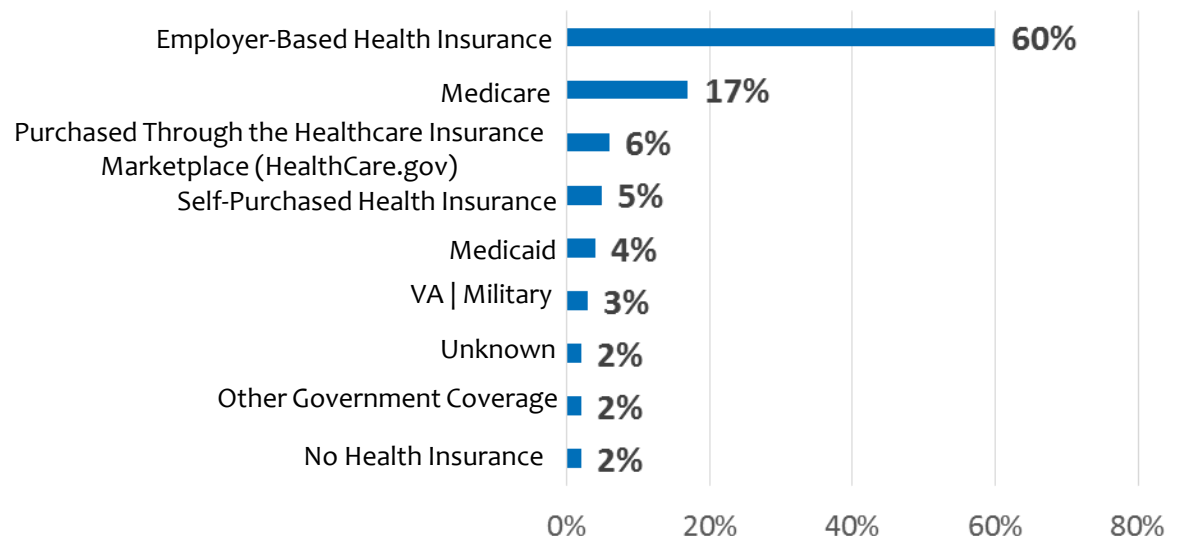
24% of residents believe access to healthcare is a health concern in the local community.

Health Concerns for Local Community (n=402)



- 60% of residents are covered by employer-based health insurance. 17% are covered by Medicare and only 2% indicate they have no health insurance.

Type of Current Health Insurance (n=402)

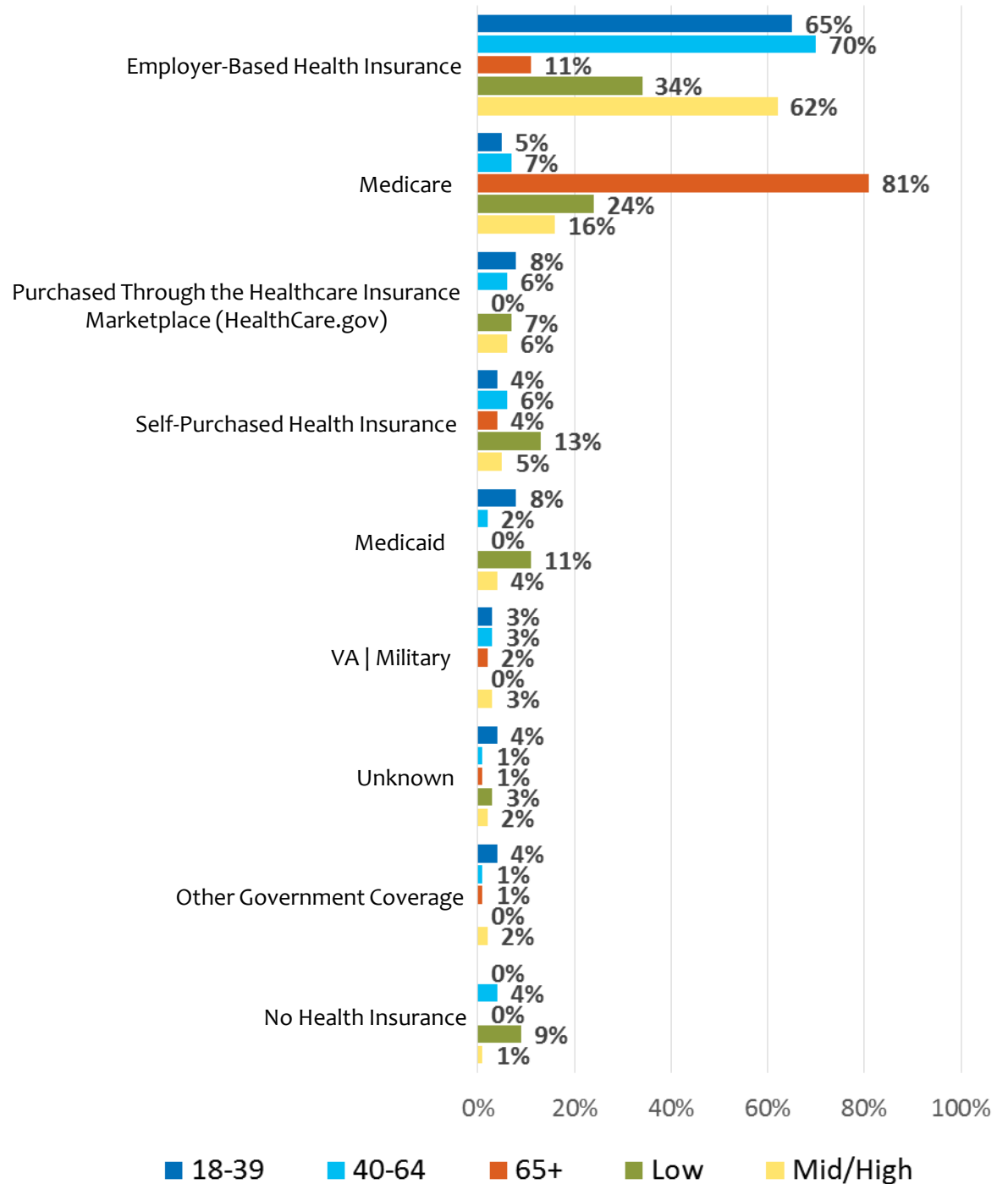


“What type of health insurance do you currently have?”

Access to Healthcare / Usage

Type of Current Health Insurance (n=402)

“What type of health insurance do you currently have?”

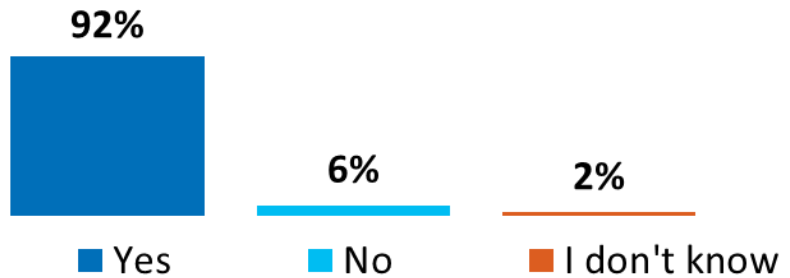


Access to Healthcare / Usage

“Is prescription medication coverage included in your health insurance plan?”

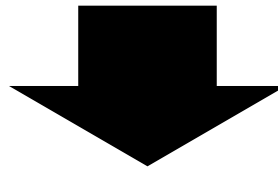
- Almost all (92%) residents have medication coverage included in their health insurance plan.

Inclusion of Medication Coverage in Health Insurance Plan (n=394)

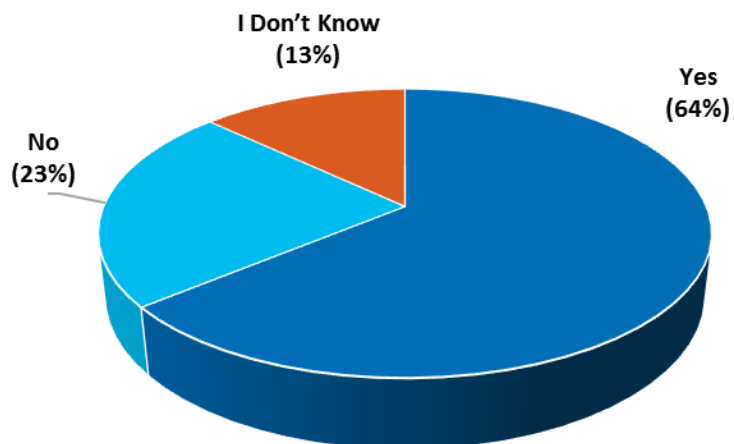


- Of the 17% of residents covered by Medicare, 64% have supplemental coverage in addition to Medicare.

17% Covered by Medicare



Supplemental Coverage in Additional to Medicare (n=100)

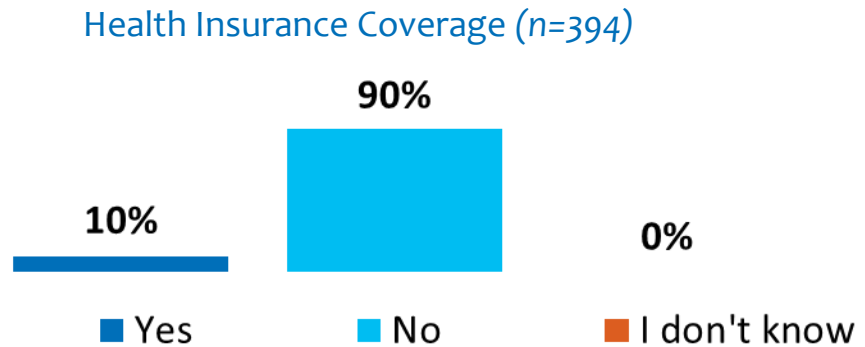


“Do you have supplemental coverage [in addition to Medicare]?”

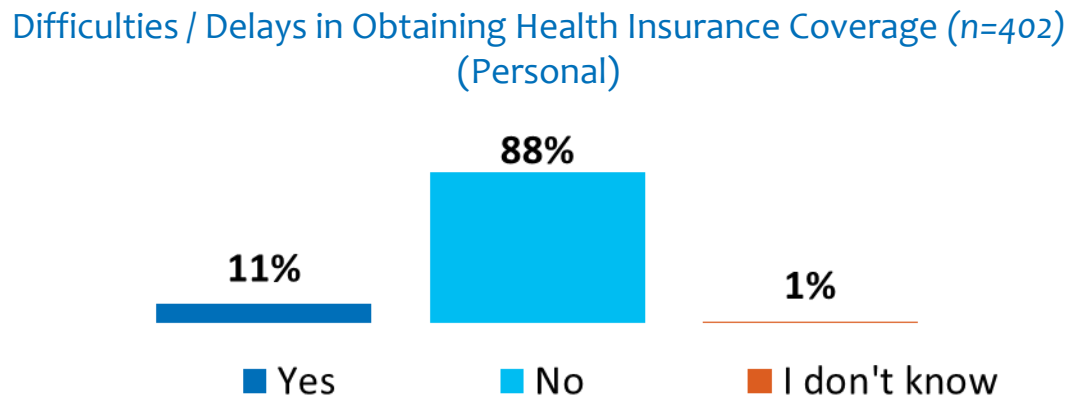
Access to Healthcare / Usage

“Have you gone without health insurance at any point within the past year?”

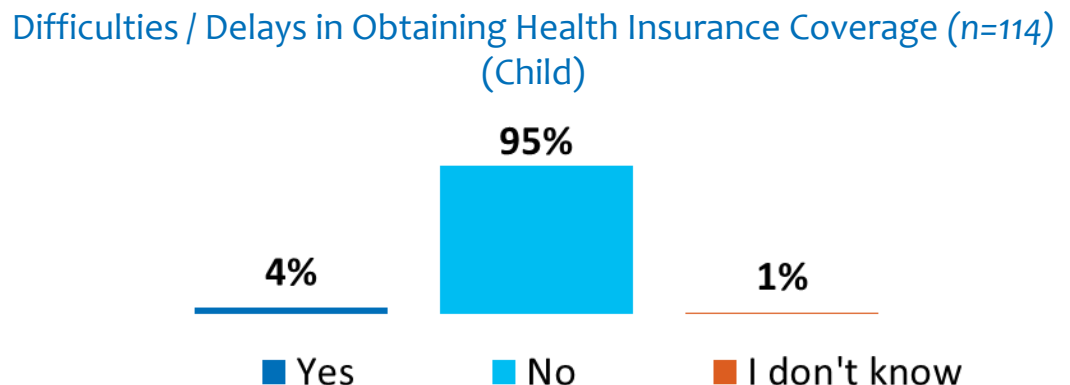
- 10% of residents have gone without health insurance coverage within the last year.



- 11% indicated they had difficulties or delays in obtaining needed healthcare within the past year.



- 4% had trouble obtaining medical care for their child within the past year.



“Have you experienced any difficulties or delays of any kind in obtaining the healthcare you needed within the past year?”

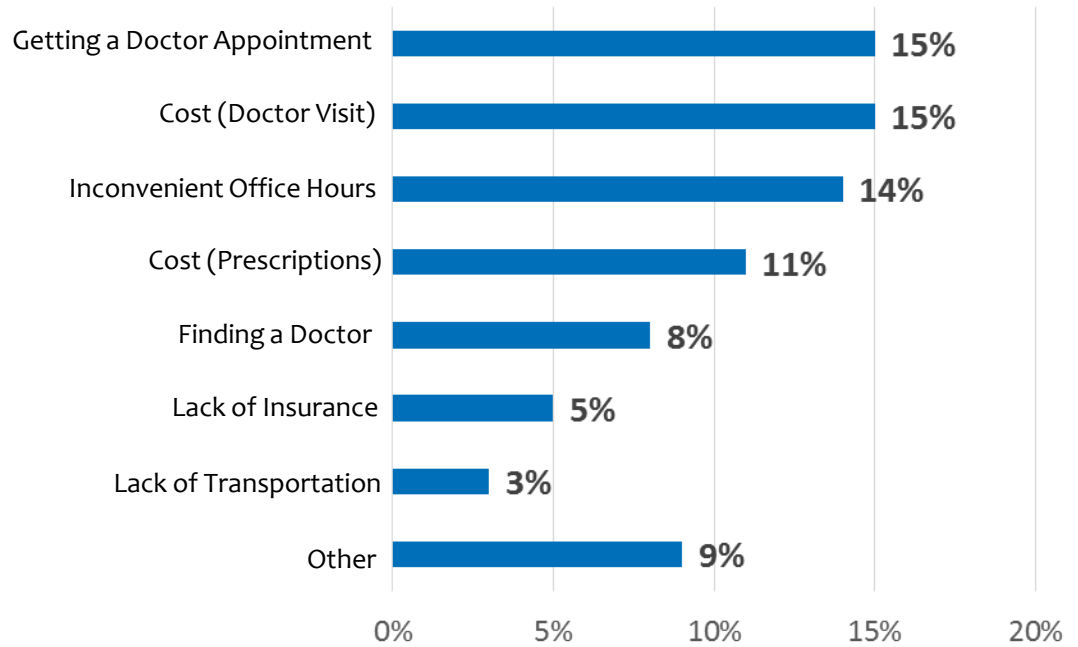
“Have you had any trouble obtaining medical care for your child within the past year?”

Access to Healthcare / Usage

- The most common barriers to medical care are getting a doctor's appointment, cost and inconvenient office hours.

"Have you experienced barriers to medical care within the past year based on any of the following factors?"

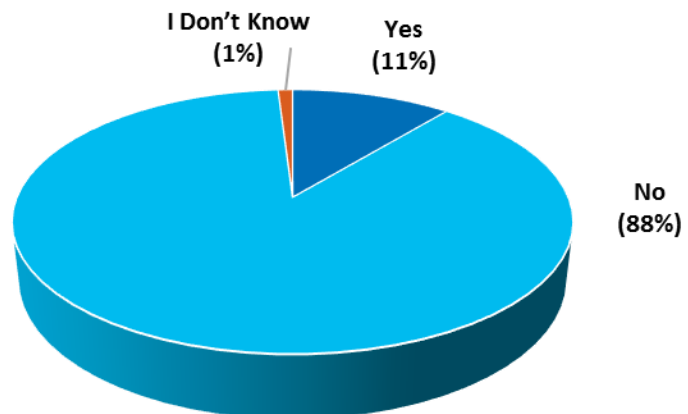
Barriers to Medical Care within Past Year (n=402)



- 11% of residents indicated that they have skipped or reduced prescription doses in order to extend them within the past year.

"At any time within the past year, have you skipped or reduced prescription doses in order to stretch prescriptions and save money?"

Skipped / Reduced Prescription Doses to Stretch Dosage (n=402)

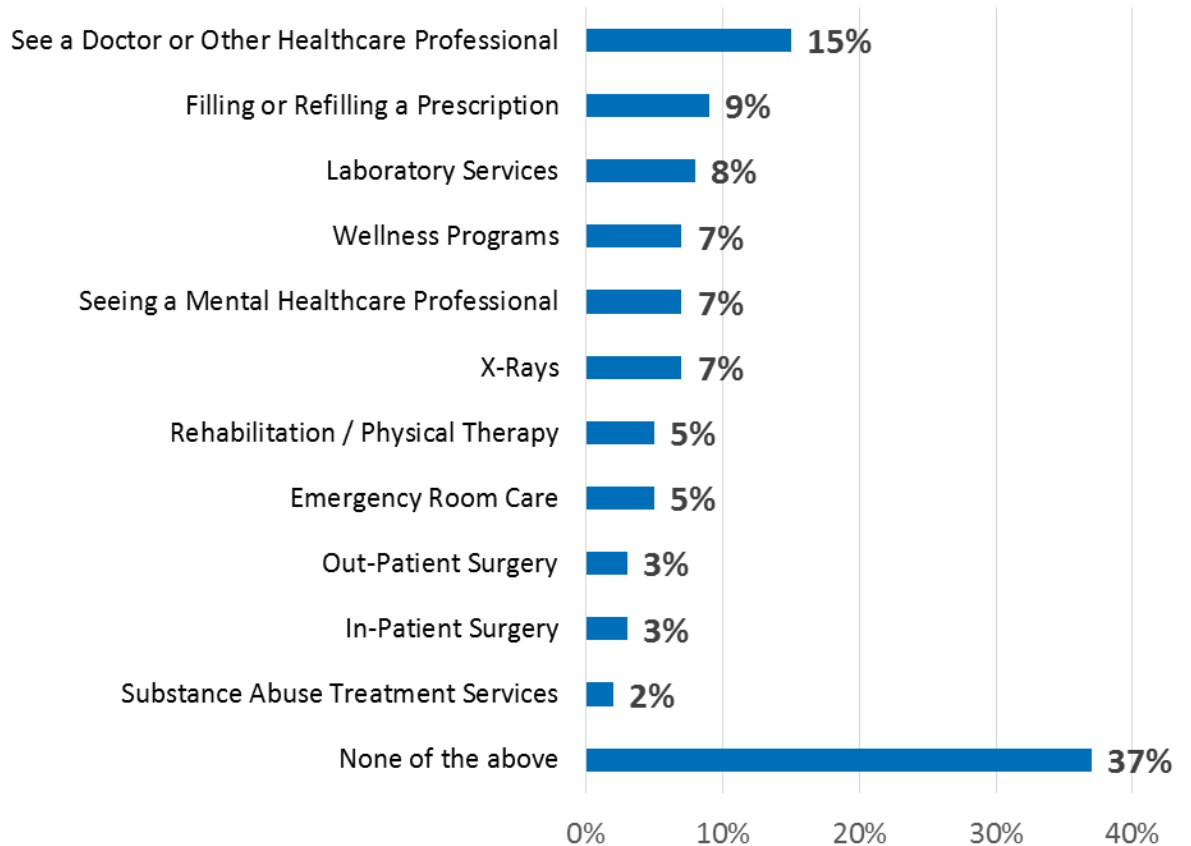


Access to Healthcare / Usage

The cost of healthcare has prevented 15% of residents from seeing a MD or healthcare provider. 37% indicated healthcare costs have not prevented them from any of these in the past year.

“In the past year, has the costs of healthcare prevented you from...?”

Prevented From Doing Due to Healthcare Costs (n=402)

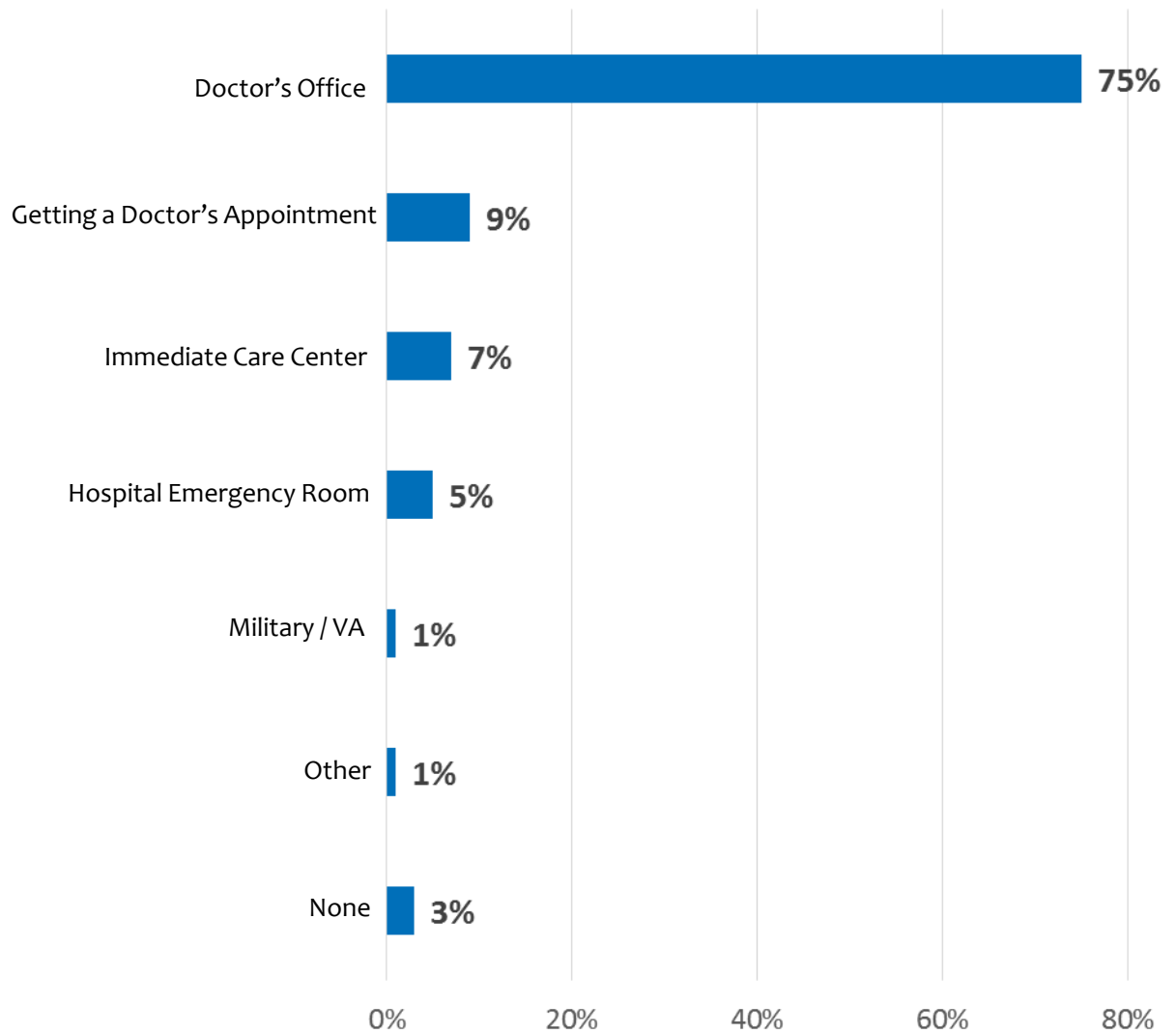


Access to Healthcare / Usage

- 3 out of 4 residents go to a doctor's office if they are sick or need advice.

“Where do you typically go if you are sick or need advice about your health?”

Where Do You Go If You Are Sick / Need Advice? (n=402)

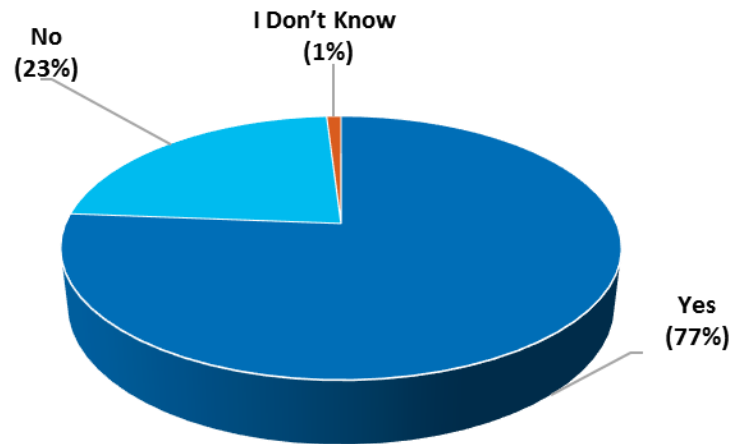


Access to Healthcare / Usage

“Have you visited a physician for a routine checkup within the past year?”

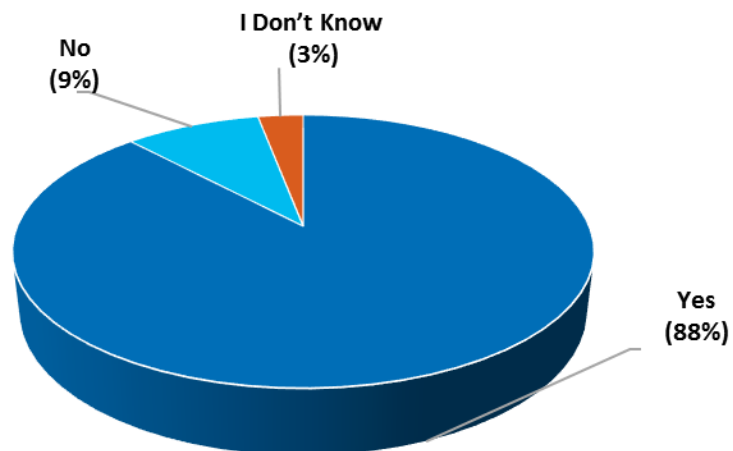
- 3 out of 4 residents (77%) have visited a physician for a routine checkup within the past year.

Visited a Physician for Routine Checkup within Past Year (n=402)



- 88% of residents indicate their child has visited a physician within the past year.

Child Visited a Physician for Routine Checkup within Past Year (n=132)

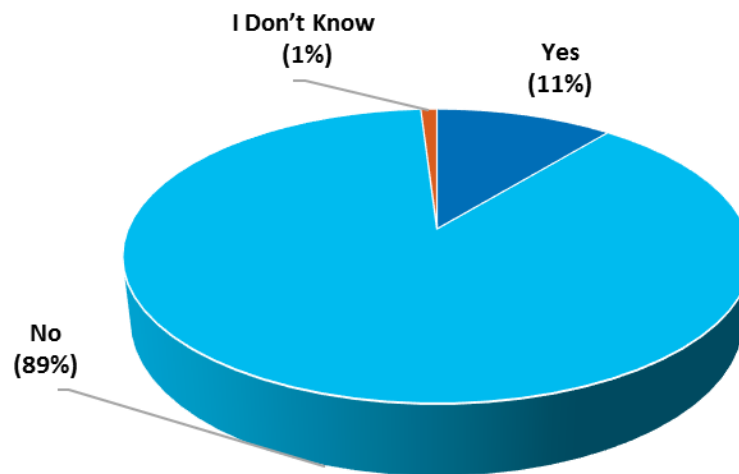


“Has your child visited a physician for a routine checkup within the past year?”

Access to Healthcare / Usage

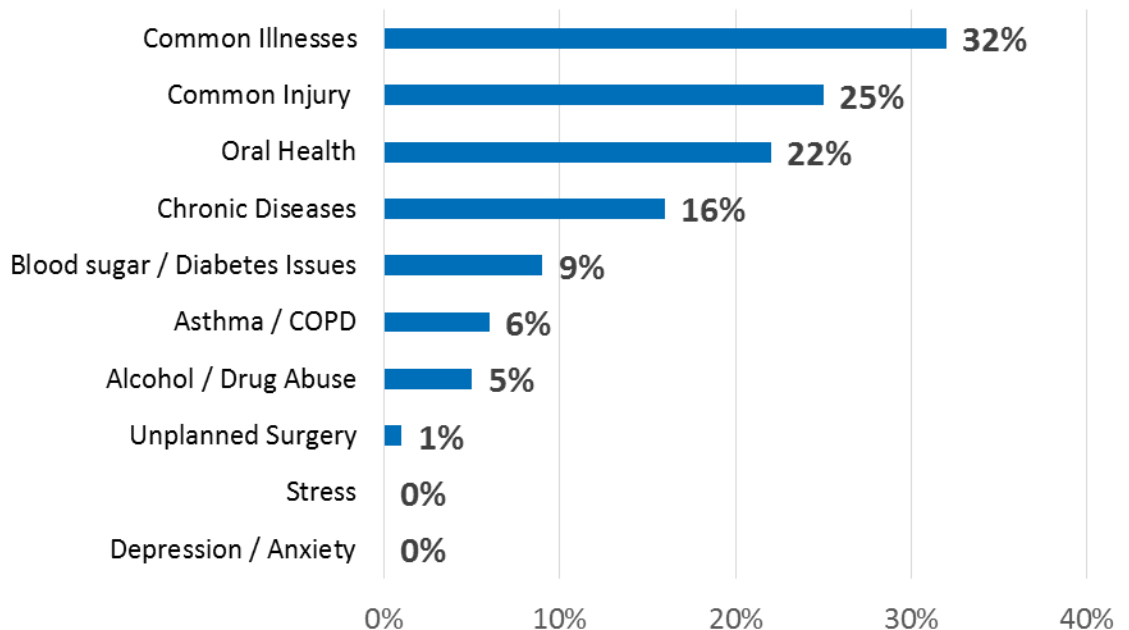
Most (89%) residents have not used an ER more than once in the past year.

Use of Emergency Room More Than Once in Past Year (n=402)



- Of those who did visit the ER in the past year, it was most often for common illness, common injury or oral health.

Reasons for Going to ER (n=37)



“Have you used a hospital emergency room more than once in the past year?”

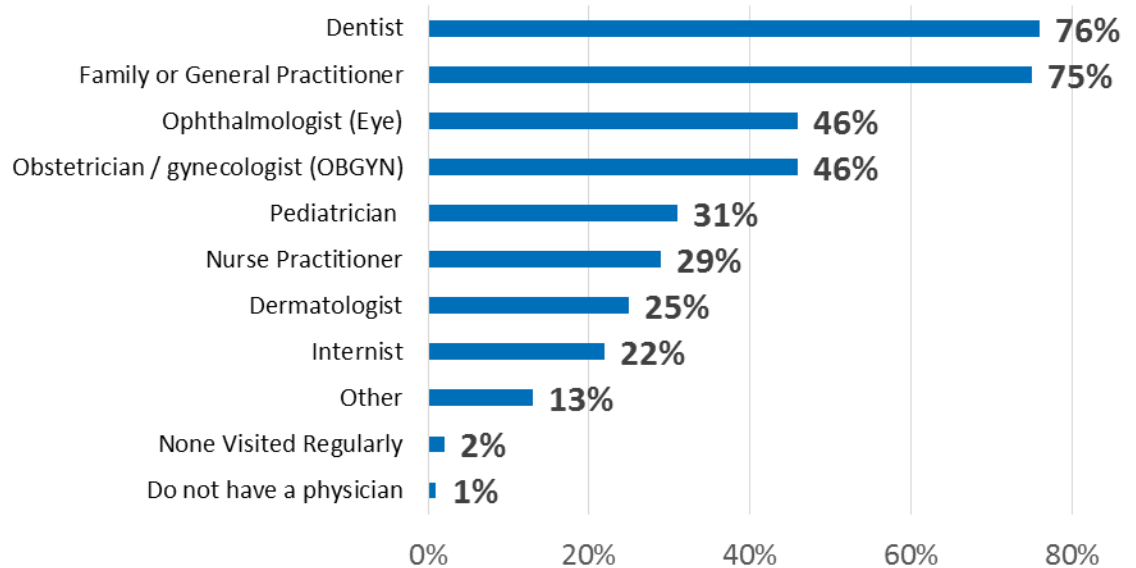
“What were the reasons for visiting a hospital emergency room more than once in the past year?”

Access to Healthcare / Usage

“Which of the following types of physicians, or care givers, do you or other household members regularly visit?”

- Residents and their families are most often going to the dentist (76%) and family/general practitioners (75%).

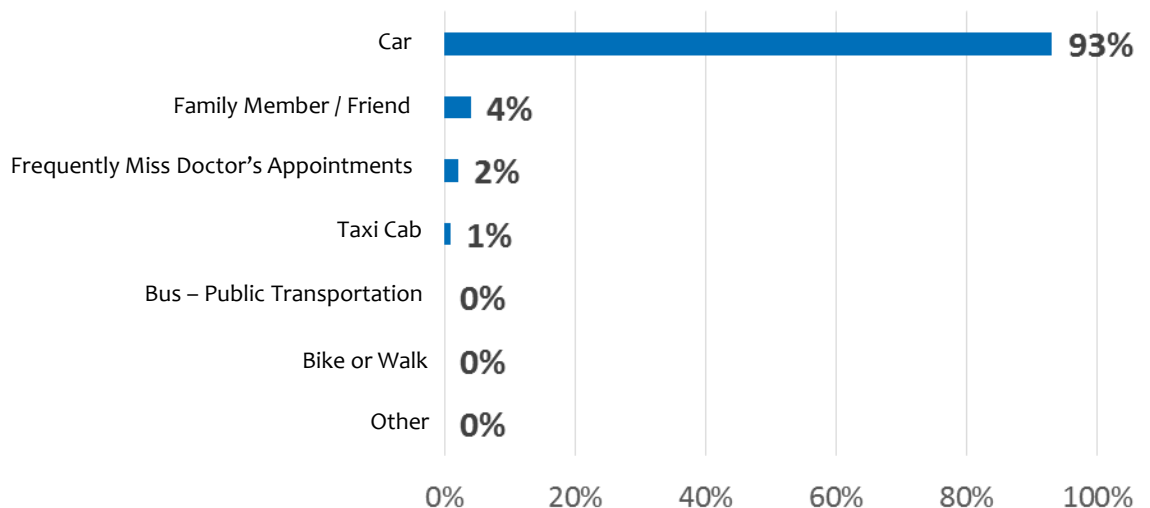
Type of Physician / Caregiver Regularly Visited (n=402)



- When going to a doctor’s appointment, nearly all (93%) take their car as transportation.

“What is your primary method of transportation for getting to your doctor’s appointments?”

Primary Method of Transportation Getting to MD Appointments (n=402)



Access to Healthcare / Usage Summary

- Residents believe the rate of under or uninsured families is one of the top issues / problems facing the community. A majority of Hamilton County residents (60%) are covered by employer-based health insurance and 2% indicated they have no health insurance.
 - 10% of residents have gone without healthcare within the past year
 - 11% of residents have had difficulties or delays in obtaining needed healthcare within the past year
 - 4% of residents with children have had trouble obtaining medical care for their child within the past year
- The most common barriers to medical care are getting a doctor's appointment, cost and inconvenient office hours. Most residents go to their doctor regularly, with 77% visiting a physician for a routine checkup within the past year. Residents with children are also regularly taking their child to see the doctor: 88% indicated their child has visited a doctor within the past year.

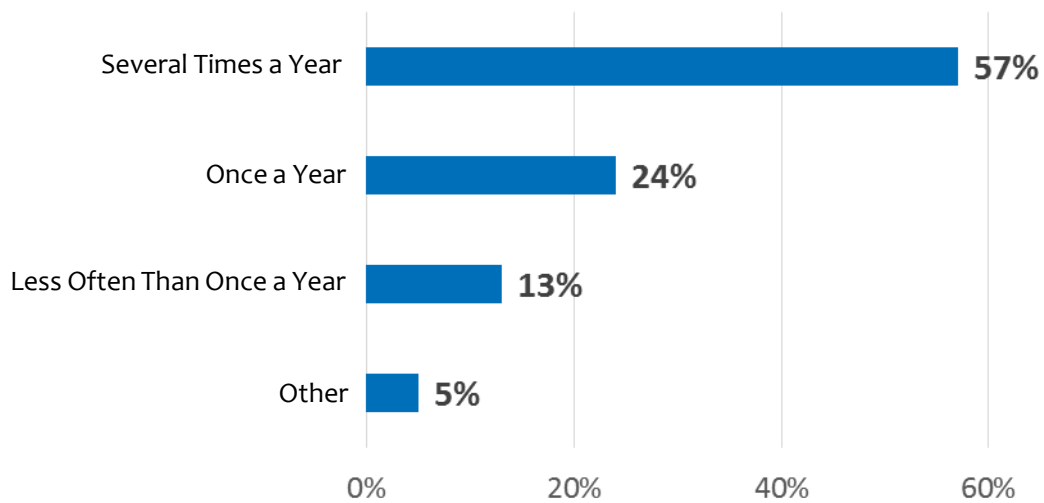
- Residents did not indicate frequently visiting the emergency room, with only 11% indicating they have used a hospital's emergency room more than once in the past year. The most common reasons for visiting the emergency room are common illness, common injury and oral health.
- Dentists and family / general practitioners are the most common types of physicians or caregivers seen in the community.
- When residents are going to see their physician and/or caregiver they are most often (93%) of the time using their car as transportation.

Personal Health Screenings

Personal Health Screenings

- 81% of residents visit the dentist at least once a year, and 57% visit several times a year.

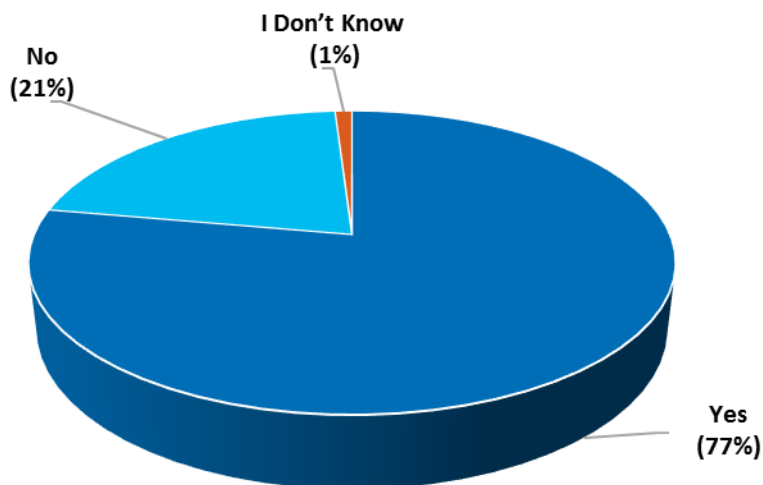
Frequency of Visiting Dentist (n=402)



“How often do you or other members of your household visit a dentist?”

- 77% of residents indicate they have dental insurance.

Dental Insurance (n=402)



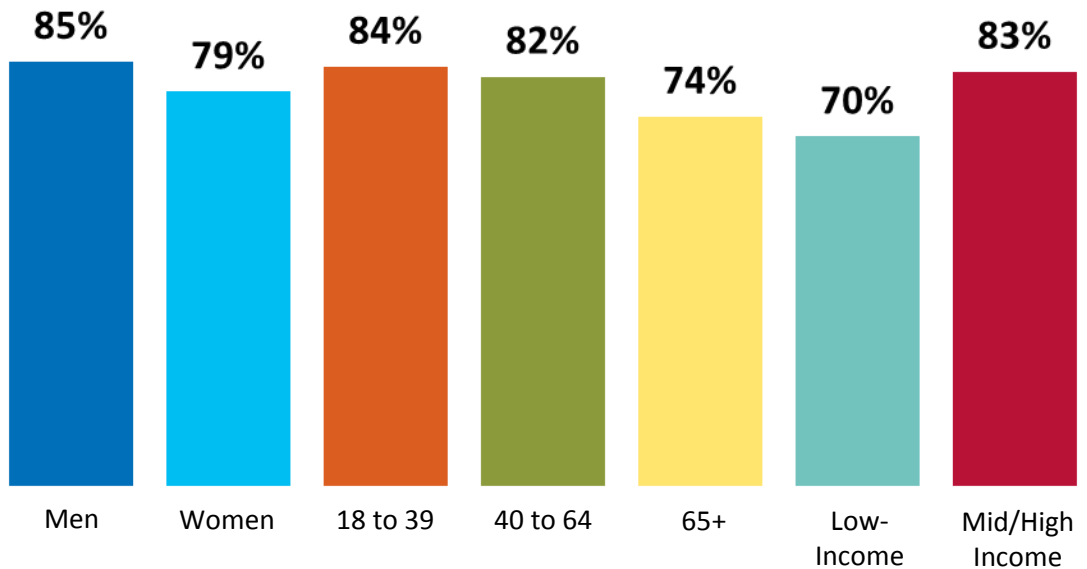
“Do you have insurance coverage that pays for all or part of dental care costs?”

Personal Health Screenings

- Men are found to visit the dentist more regularly and a larger percent have dental insurance.
- As respondents get older, they tend to visit the dentist less often and are less likely to have dental coverage.
- Higher income residents visit the dentist more regularly and are more likely to be covered.

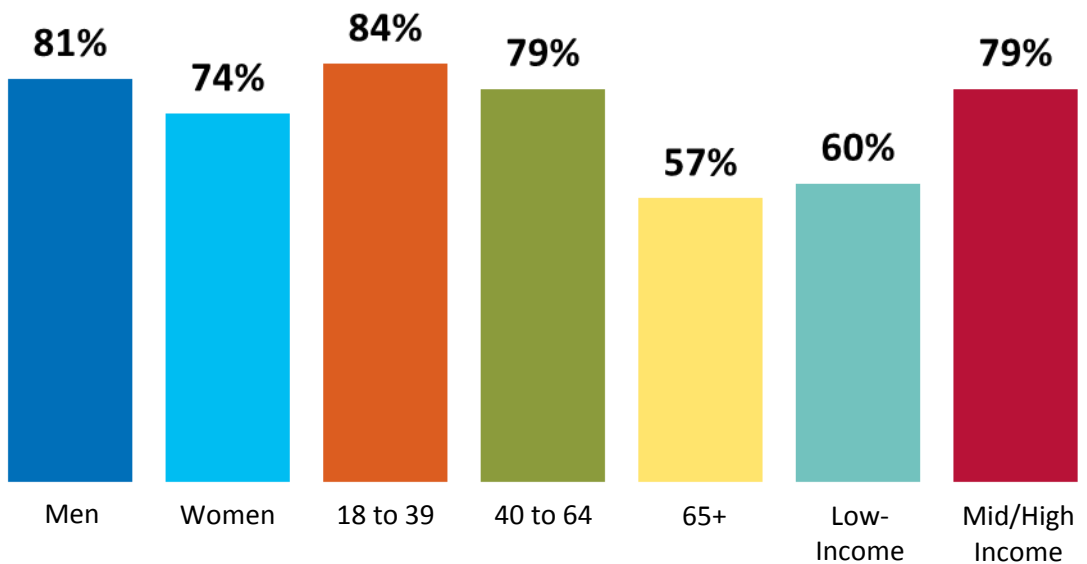
“How often do you or other members of your household visit a dentist?”

Visit Dentist “At Least Once A Year” (n=402)



“Do you have insurance coverage that pays for all or part of dental care costs?”

Insurance Pays for All/Part of Dental Costs (n=402)



Personal Health Screenings

- 27% of Hamilton County residents indicate that dental / oral health is a health concern for the local community.

Health Concerns for Local Community (n=402)

Dental / Oral
Health

20th Greatest Health Concern **27%**

- 40% of Hamilton County residents indicated that dental screenings or education/information services are needed in the community.

Health Screenings or Education/Information Services Needed (n=402)

Dental Screenings

14th Most-Needed Service **40%**

- 2% have missed work or school due to oral health-related issues.

Miss Work/School Due to Oral Health (n=402)

Oral Health

2%

“In your opinion, which of the following do you believe are concerns for your local community?”

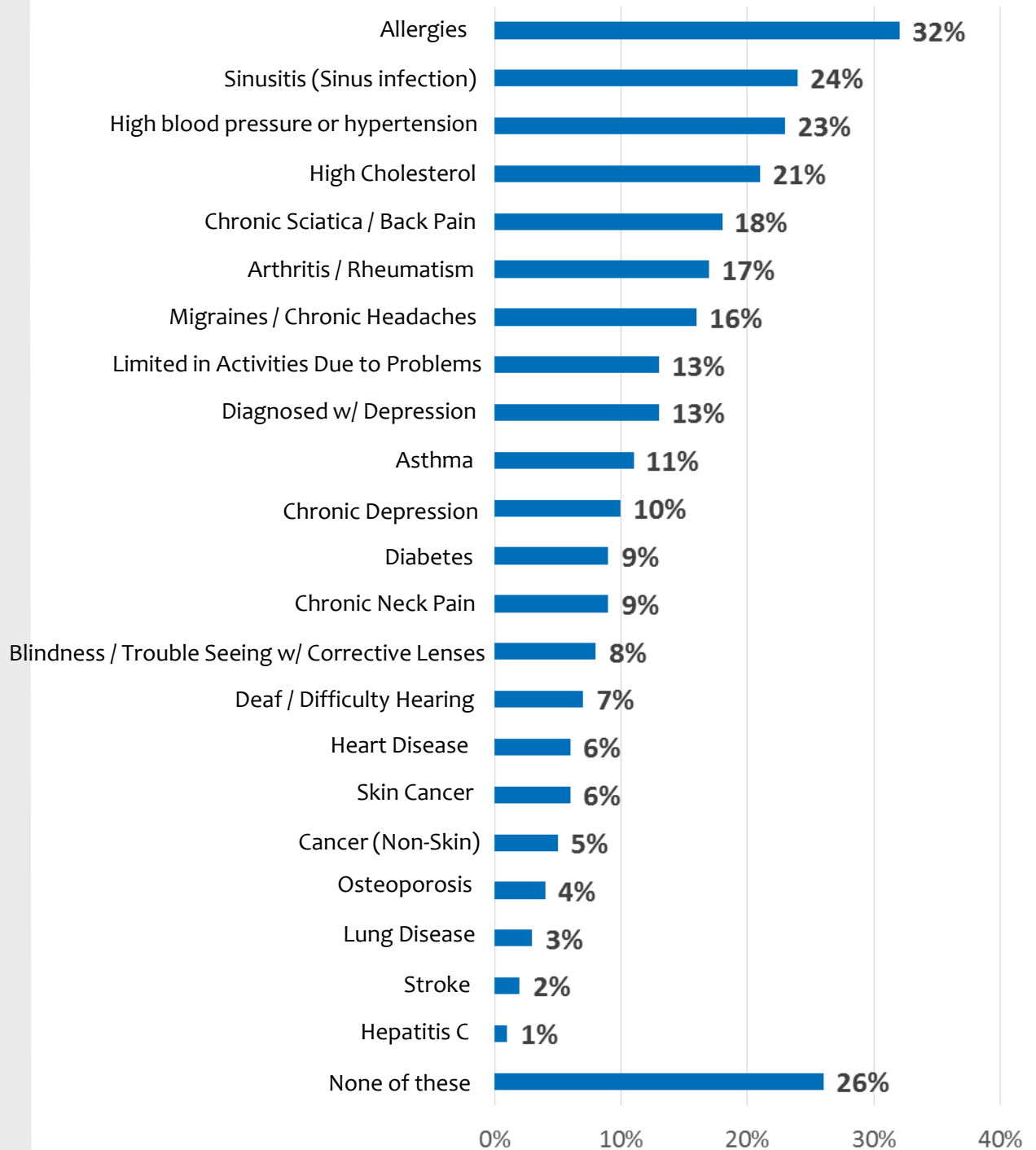
“In your opinion, what health screenings or education/information services are needed in your community?”

“Have you missed work or school due to any of the following reasons in the past year?”

Personal Health Screenings

“Which of the following, if any have you been diagnosed with, experienced, or apply to you personally?”

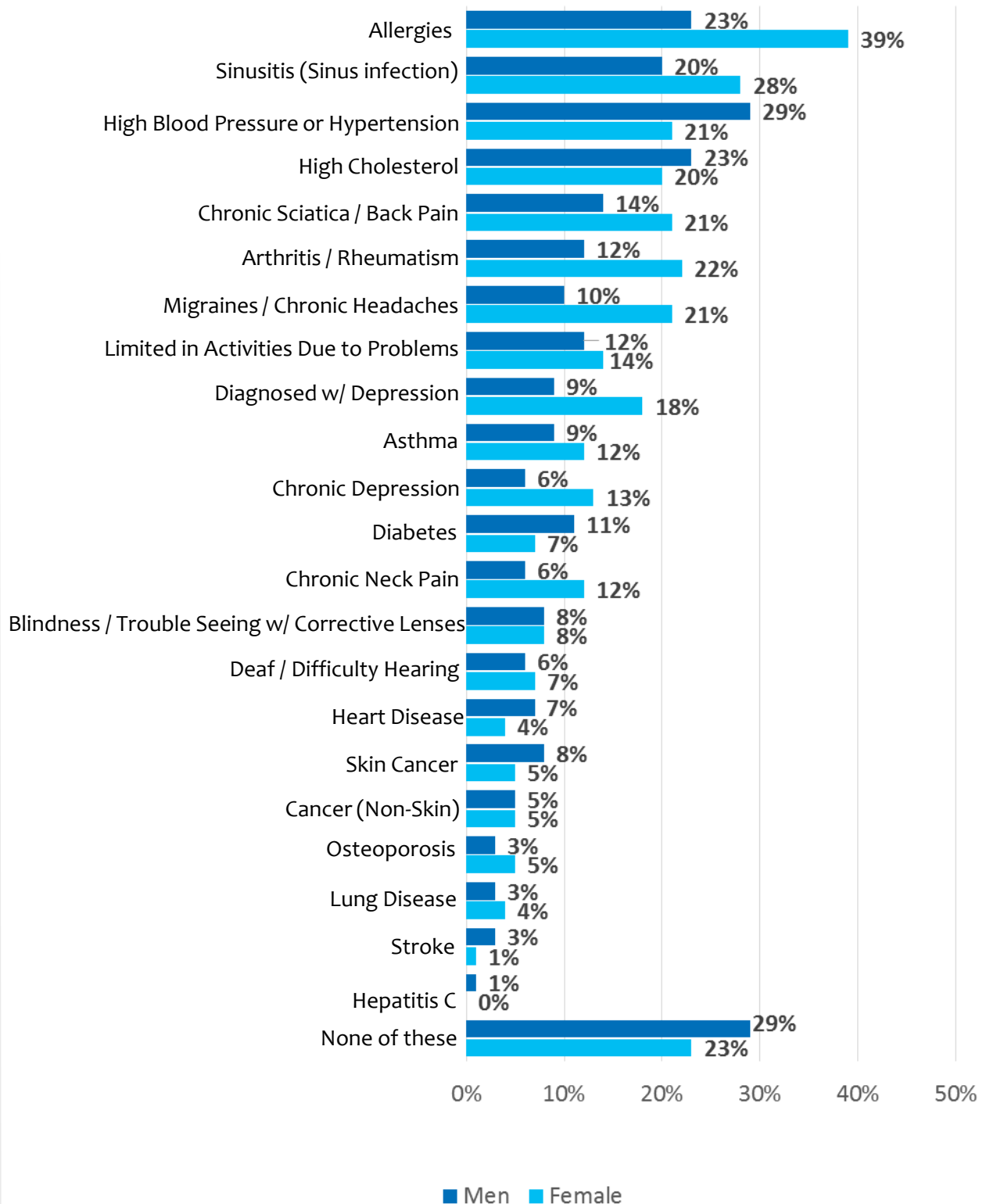
Diagnosed with / Currently Experiencing (n=402)



Personal Health Screenings

“Which of the following, if any, have you been diagnosed with, experienced, or apply to you personally?”

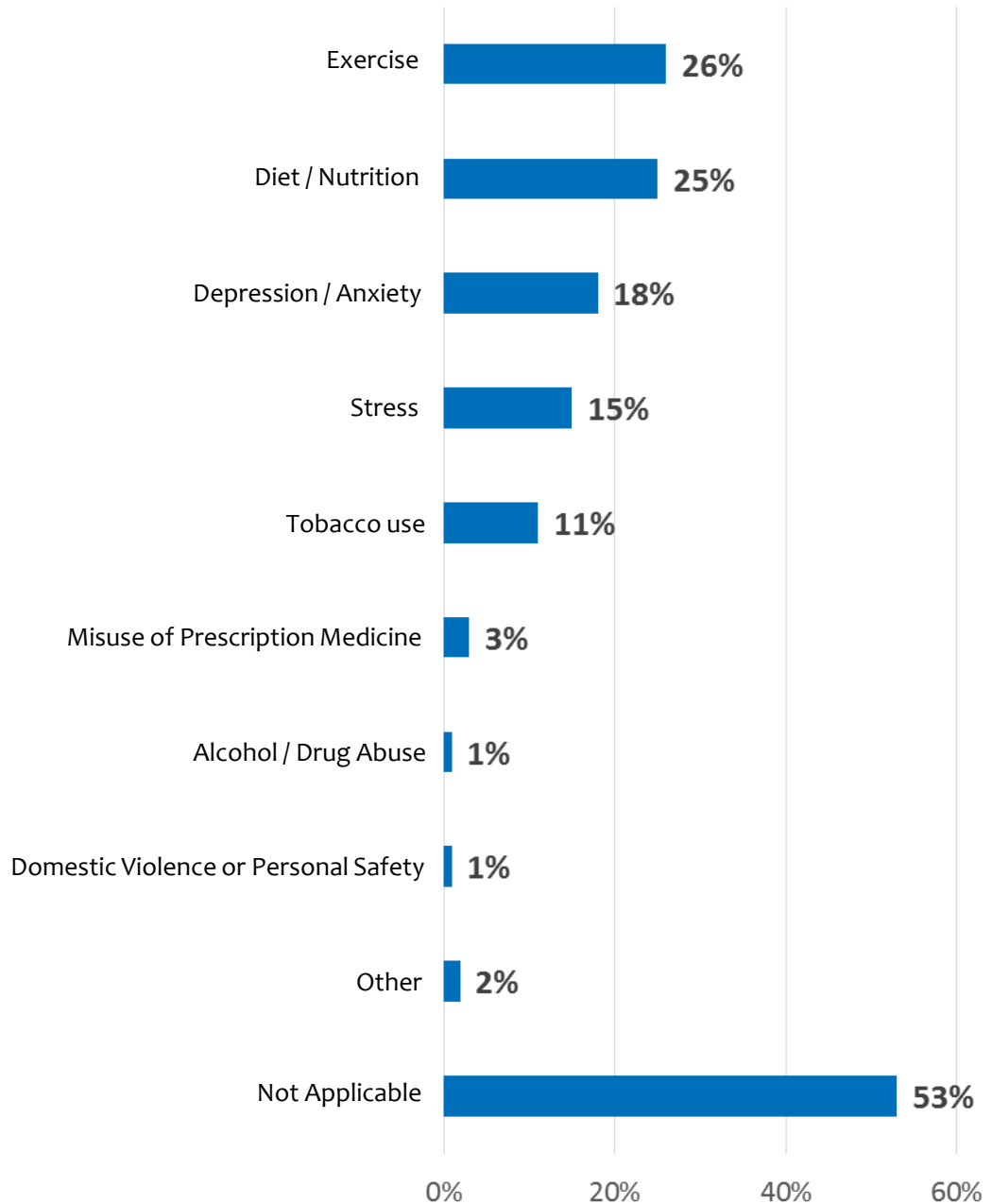
Diagnosed with / Currently Experiencing (n=402)



Personal Health Screenings

“Has your doctor needed to talk with you about any of the following medical issues?”

Doctor Consultation (n=402)

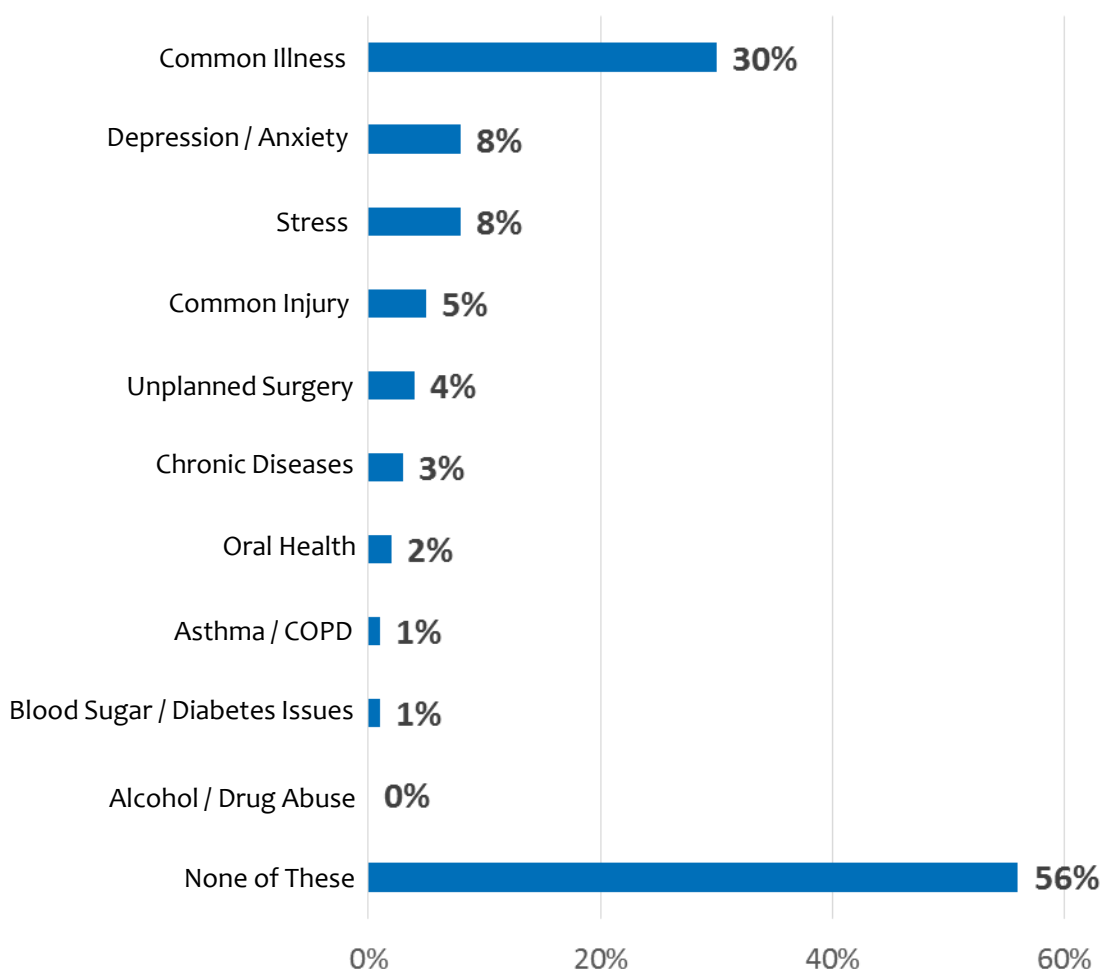


Personal Health Screenings

- 30% indicate they have missed work or school due to a common illness.

“Have you missed work or school due to any of the following reasons in the past year?”

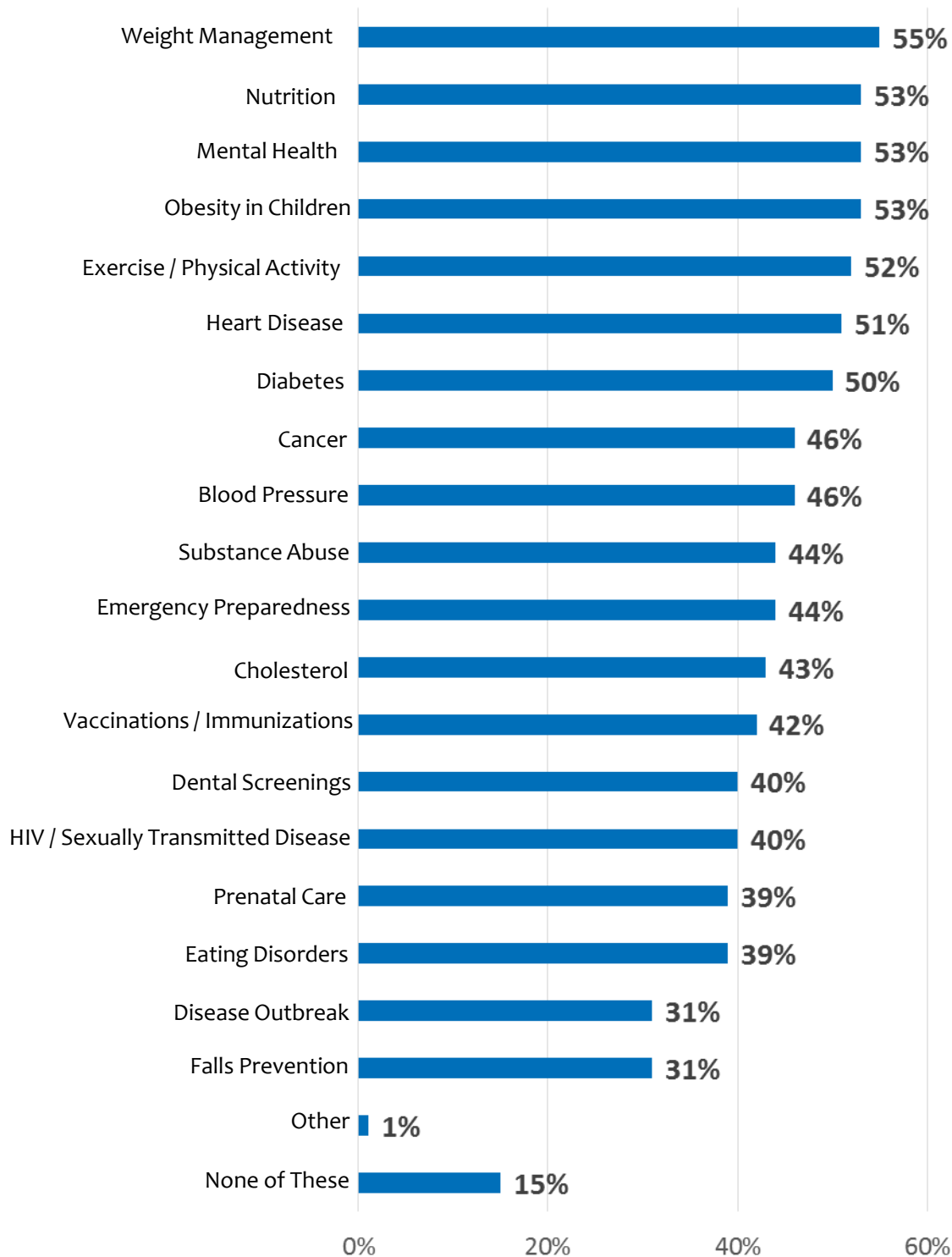
Have you Missed Work/School Due to Any of the Following (n=402) (within Past Year)



Personal Health Screenings

“In your opinion, what health screenings or education/information services are needed in your community?”

Health Screenings or Education Services Needed in Community (n=402)



Personal Health Screenings

“In your opinion, which of the following do you believe are concerns for your local community?”

- 39% of Hamilton County residents indicated that high cholesterol is a health concern for the local community and 83% have been tested in the past 5 years.

Health Concerns for Local Community (n=402)



- 38% of Hamilton County residents indicated that high blood pressure is a health concern for the local community and 93% have been tested in the past 2 years.

Health Concerns for Local Community (n=402)



Tests Performed (n=402)

Tests	Yes
Blood Pressure (within past 2 years)	93%
Cholesterol (within past 5 years)	83%
Mammogram (within past 2 years)	79%
Pap Smear (within past 3 years)	72%
Prostate Screening (within past 2 years)	66%
Lower Endoscopy Exam (ever)	53%
Colorectal Cancer Screening (within past year)	39%
Blood Stool Test (within past 2 years)	33%

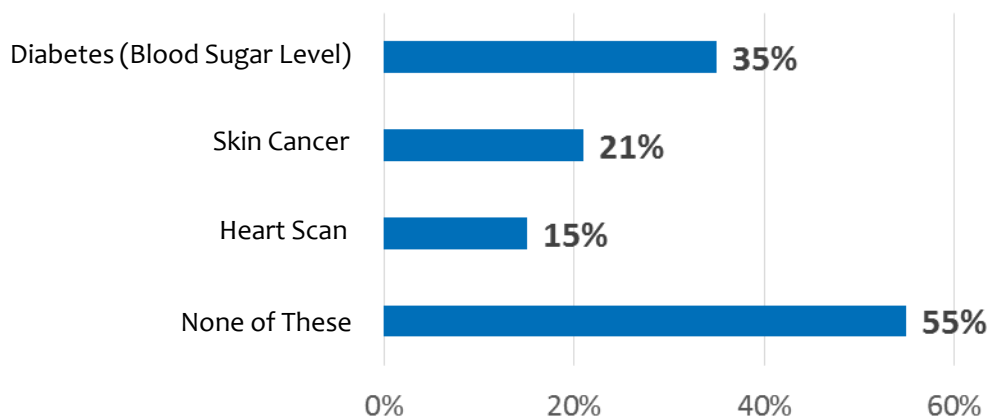
“In your opinion, which of the following do you believe are concerns for your local community?”

Personal Health Screenings

“In the past 12 months or so, has a doctor or other healthcare professional screened you for any of the following?”

- 35% of residents have been screened for diabetes, 21% for skin cancer and 15% have had a heart scan in the past 12 months.

Screenings in Past Year (n=402)



Screenings / Prevention (n=402)

	% Yes
Are you taking action to control high cholesterol levels?	86%
Eye Exam (within past 2 years)	77%
Flu Vaccination (within past year)	59%
Pneumonia Vaccination (ever)	28%
HIV Test (within past year)	14%

Personal Health Screenings

- 34% of Hamilton County residents indicated that diabetes is a health concern for the local community, which makes it the 11th ranked health concern.

“In your opinion, which of the following do you believe are concerns for your local community?”

Health Concerns For Local Community (n=402)

Diabetes **11th Greatest Health Concern 34%**

Diabetes Types (n=41)

	Type 1	Type 2	Gestational	Not Sure
Types of Diabetes	11%	82%	2%	6%



	% Yes
Do you currently take insulin or other medications for diabetes?	68%

“Which of the following best describes the type of diabetes that you have?”

“Do you currently take insulin or other medications for diabetes?”

Personal Health Screenings Summary

- 81% of residents visit the dentist at least once a year, with 57% visiting several times a year. 77% of residents have dental insurance.
- 27% indicated that dental / oral health is a health concern for the local community and 40% indicated that dental screenings or education services are needed in the community.
- When residents were asked what they have been diagnosed with or currently experience, the most commonly mentioned were:
 - Allergies (32%)
 - Sinusitis (Sinus Infection) (24%)
 - High Blood Pressure or Hypertension (23%)
 - High Cholesterol (21%)
 - Chronic Sciatica / Back Pain (18%)
 - Arthritis / Rheumatism (17%)
 - Migraines / Chronic Headaches (16%)

Personal Health Screenings Summary

The most frequently mentioned health screenings or education services needed in the community were:

- Weight Management (55%)
- Nutrition (53%)
- Mental Health (53%)
- Obesity in Children (53%)
- Exercise / Physical Activity (52%)
- Heart Disease (51%)
- Diabetes (50%)

When asked about screenings in the past year, 35% indicated they have had a diabetes (blood sugar level) screening, 21% had a skin cancer screening, 15% had a heart scan and 55% indicated they have not had any of these.

• The following percent of residents have had these tests performed:

- Blood Pressure (within past 2 years) – 93%
- Cholesterol (within past 5 years) – 83%
- Mammogram (within past 2 years) – 79%
- Pap Smear (within past 3 years) – 72%
- Prostate Screening (within past 2 years) – 66%
- Lower Endoscopy Exam (Ever) – 53%
- Colorectal Cancer Screening (within past year) – 39%
- Blood Stool Test (within past 2 years) – 33%

Injury and Violence

Injury and Violence

- 24% believe domestic abuse is an issue / problem facing the community.

Issues / Problems Facing the Community (n=402)

Domestic Abuse **11th Greatest Issue Problem 24%**

- 30% believe domestic abuse is a health concern for the local community and 26% believe sexual abuse is a health concern.

Health Concerns for Local Community (n=402)

Domestic Abuse **18th Greatest Health Concern 30%**

Sexual Abuse **22nd Greatest Health Concern 26%**

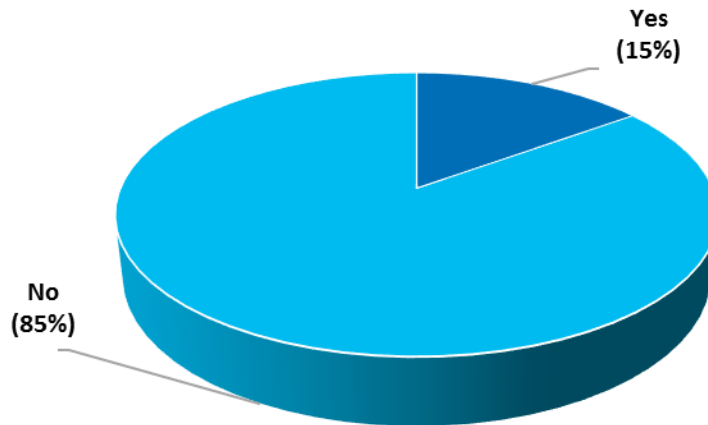
“In your opinion, which of the following do you believe are concerns for your local community?”

“In your opinion, which of the following do you believe are concerns for your local community?”

Injury and Violence

- 15% of residents have been a victim of domestic violence or physical, sexual or verbal abuse.

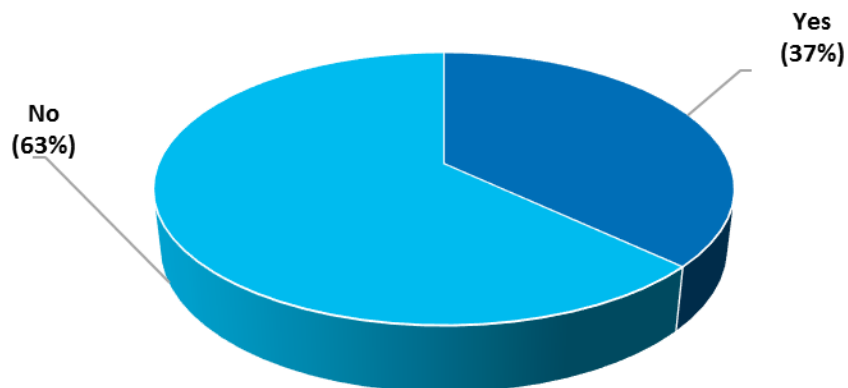
Victims of Domestic Violence? (n=402)



“Have you ever been a victim of domestic violence or physical, sexual or verbal abuse?”

- Of those who have been a victim of domestic violence, 37% sought assistance.

Sought Assistance? (n=51)



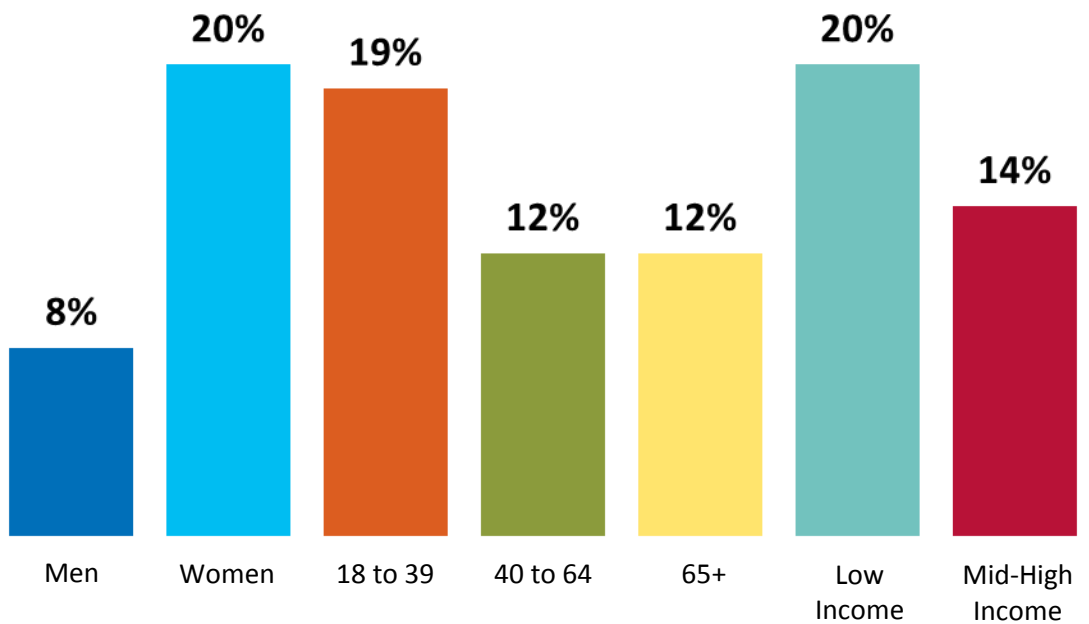
“Did you seek assistance?”

Injury and Violence

- Lower income women ages 18 to 39 are more likely to be a victim of domestic violence.

“Have you ever been a victim of domestic violence or physical, sexual or verbal abuse?”

% Have Been a Victim of Domestic Violence (n=402)

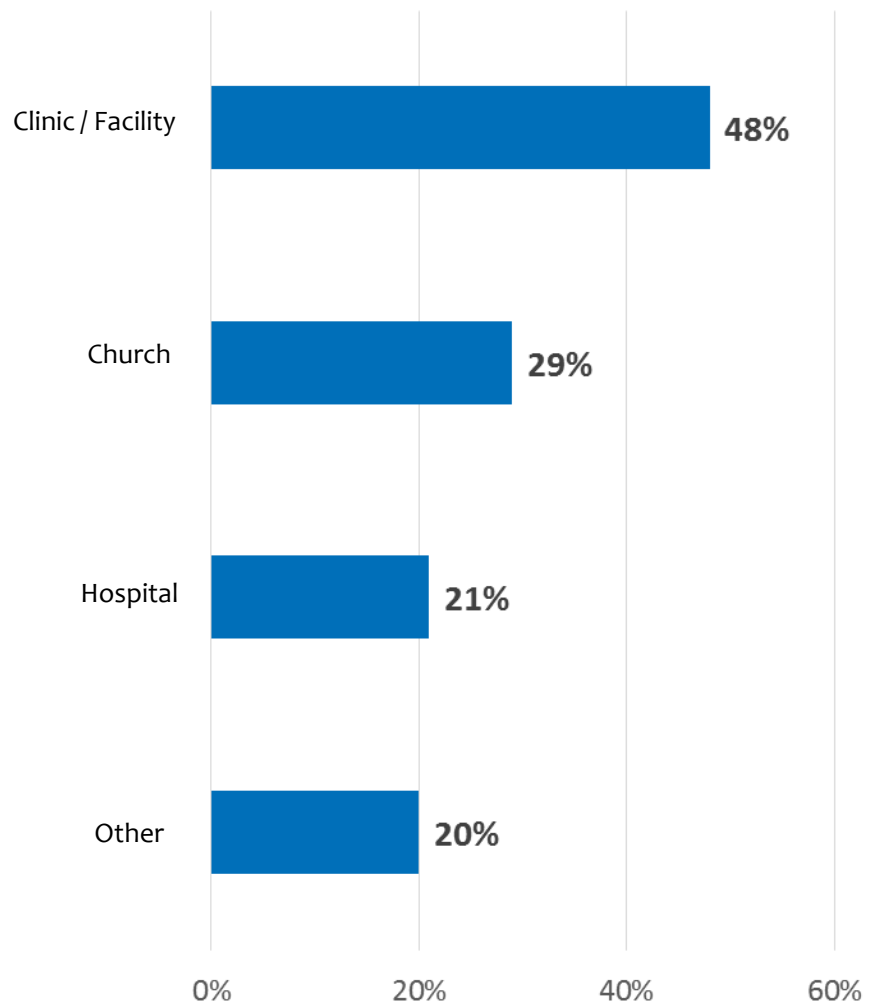


Injury and Violence

- Of those who sought out assistance for domestic violence, they most frequently chose to go to a clinic/facility.

“Where did you receive assistance?”

Where Did You Seek Assistance? (n=21)



Injury and Violence Summary

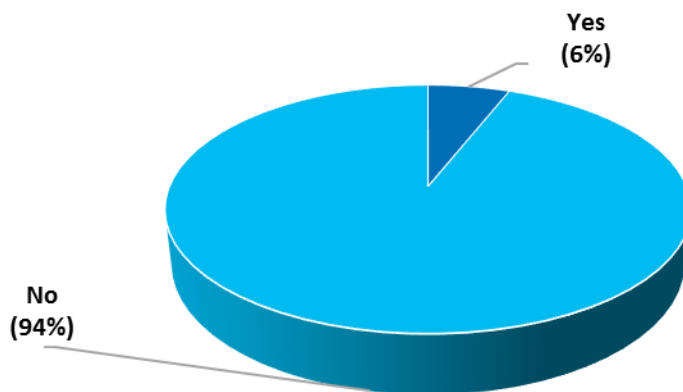
- 24% of resident believe domestic abuse is an issue / problem facing the community, which is among the top issues / problems mentioned.
- 30% believe domestic abuse is a health concern for the local community and 26% believe sexual abuse is a health concern.
- 15% of Hamilton County residents indicated they have been a victim of domestic violence or physical, sexual or verbal abuse.
- Of those who have been victims of domestic violence, 37% have sought out assistance. When seeking out assistance, they most often visit a clinic/facility or a church.

Substance Abuse

Substance Abuse

- 6% of residents indicated they have had issues with substance abuse.

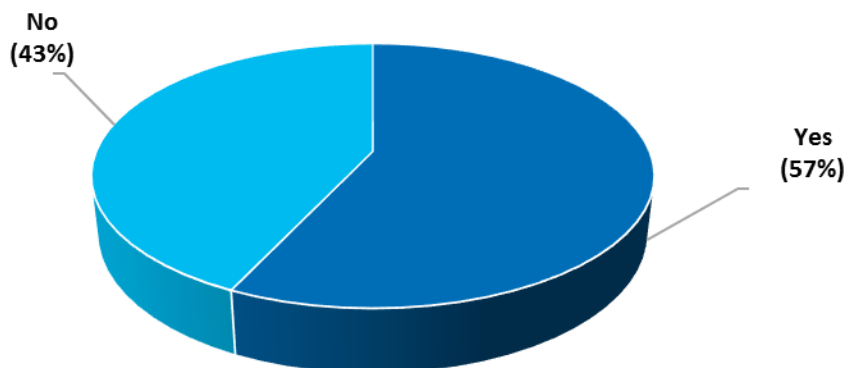
Issues with Substance Abuse (n=402)



“Have you ever had issues with substance abuse?”

Of those who have had issues with substance abuse, 57% sought assistance.

Sought Assistance (n=19)



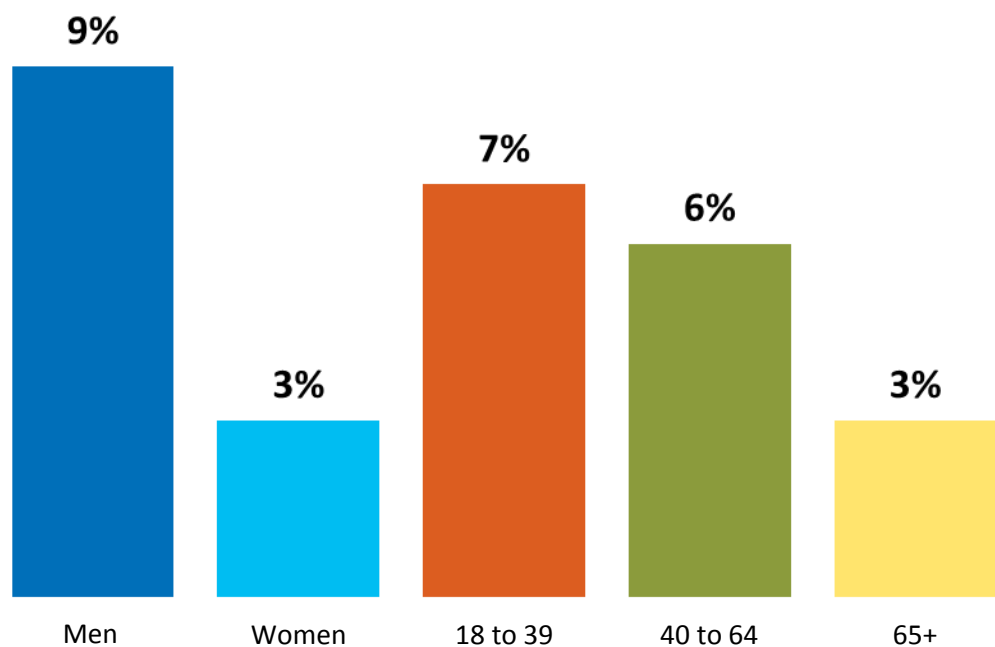
“Did you seek assistance?”

Substance Abuse

- Men are more likely to suffer from substance abuse than women.

“Have you ever had issues with substance abuse?”

% That Have Issues with Substance Abuse (n=402)

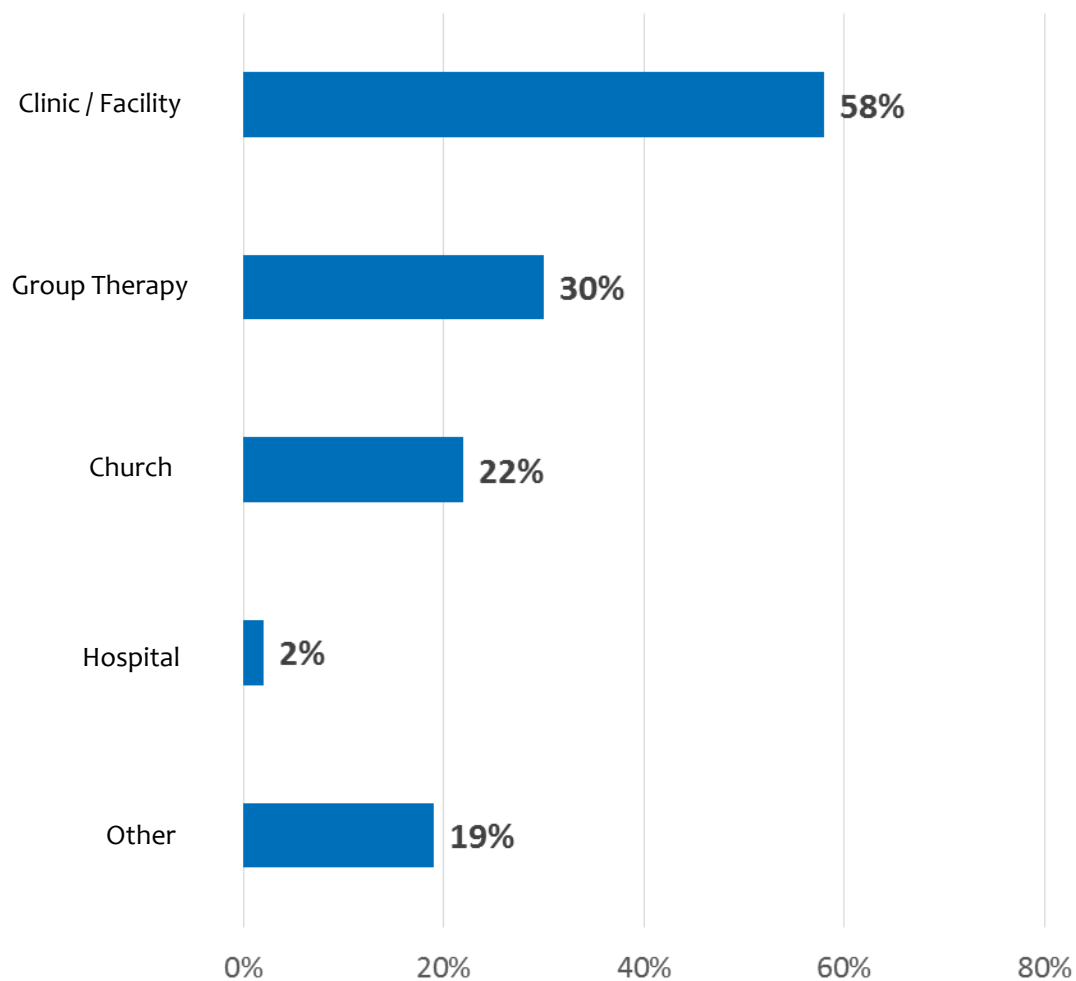


Substance Abuse

Of those who sought assistance for their substance abuse issues, 58% went to a clinic/facility.

“Where did you seek assistance?”

Where Did You Seek Assistance? (n=10)



Substance Abuse

“In your opinion, which of the following do you believe are concerns for your local community?”

- 34% believe that illegal drug use is an issue / problem facing the community. Similarly, 32% perceive prescription drug use to be an issue / problem facing the community.

Issues / Problems Facing the Community (n=402)

Illegal Drug Abuse **3rd Greatest Issue / Problem 34%**

Prescription Drug Abuse **4th Greatest Issue / Problem 32%**

- 36% of Hamilton County residents indicate that chemical dependency is a health concern for the local community.

Health Concerns for Local Community (n=402)

Chemical Dependency **10th Greatest Health Concern 36%**

“In your opinion, which of the following do you believe are concerns for your local community?”

- 44% of Hamilton County residents indicate that substance abuse screenings or education/information services are needed in the community.

Health Screenings or Education/Information Services Needed (n=402)

Substance Abuse **10th Most-Needed Service 44%**

“In your opinion, what health screenings or education/information services are needed in your community?”

Substance Abuse

16% of residents indicated that they smoke cigarettes and 5% use smokeless tobacco.

Tobacco Use	Yes
Do you smoke cigarettes? (N=402)	16%
Have you tried stop smoking in past year? (N=51)	62%
Anyone else in household smoke cigarettes? (n=402)	13%
Do you use smokeless tobacco? (n=402)	5%

“Do you smoke cigarettes?”

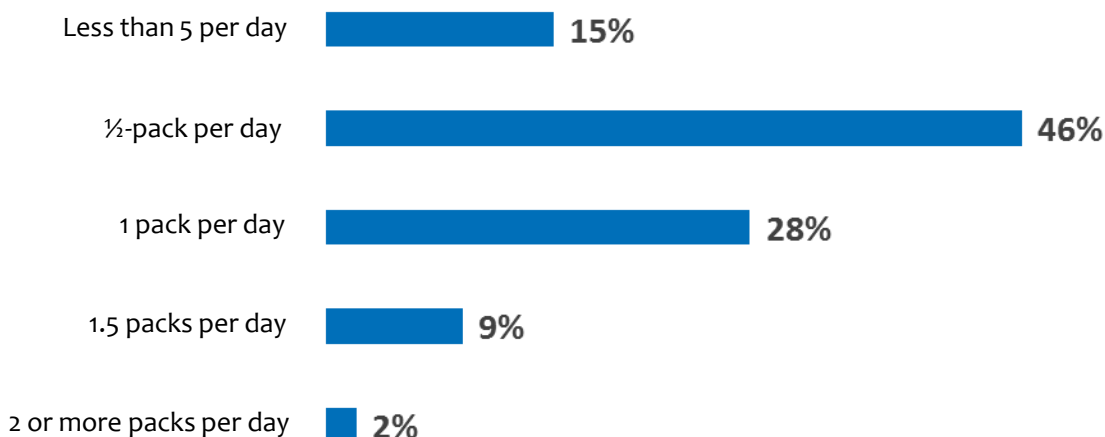
“Have you tried to stop smoking in the past year?”

“Does anyone else in your household smoke cigarettes?”

“Do you use smokeless tobacco?”

Of those who smoke cigarettes, most (74%) smoke between one half and a full pack a day.

Cigarettes Smoked in a Day (n=51)



“How many cigarettes do you smoke in a given day?”

Substance Abuse

- Lower income females are most likely to smoke cigarettes but more likely to have tried to quit as well.
- Men are slightly more likely to use smokeless tobacco.

“Do you smoke cigarettes?”

“Have you tried to stop smoking in the past year?”

“Does anyone else in your household smoke cigarettes?”

“Do you use smokeless tobacco?”

Tobacco Use	Male	Female	Low Income	Mid-High Income
Do you smoke cigarettes? (N=402)	14%	18%	22%	16%
Have you tried stop smoking in past year? (N=51)	10%	16%	27%	12%
Do you use smokeless tobacco (n=402)	7%	4%	4%	5%

- Younger residents are more likely to use tobacco and/or smokeless tobacco.

Tobacco Use	18 - 39	40 - 64	65+
Do you smoke cigarettes? (N=402)	20%	15%	9%
Have you tried stop smoking in past year? (N=51)	19%	12%	4%
Do you use smokeless tobacco? (n=402)	8%	5%	1%

Substance Abuse

- 29% of Hamilton County residents indicated that smoking tobacco is an issue / problem facing the community.

“In your opinion, which of the following do you believe are concerns for your local community?”

Issues / Problems Facing the Community (n=402)



- 32% of Hamilton County residents indicated that smoking tobacco is a health concern for the local community.

“In your opinion, which of the following do you believe are concerns for your local community?”

Health Concerns for Local Community (n=402)



Substance Abuse

- 30% of Hamilton County residents indicated that alcohol abuse is an issue / problem facing the community.

Issues / Problems Facing the Community (n=402)

Alcohol Abuse **5th Greatest Issue / Problem** **30%**

Alcohol Use (n=402)	Yes
Do you drink alcohol?	56%

- Of those who drink alcohol, 87% either drink rarely or occasionally.

Alcohol Use (n=219)

Drink rarely – once a month or less **38%**

Drink occasionally – a few drinks a week **49%**

Drink daily – 1-2 drinks a day **8%**

Drink daily – 2-3 drinks a day **4%**

Drink daily – 3-4 drinks a day **1%**

Drink daily – 5 or more drinks a day **1%**

“In your opinion, which of the following do you believe are concerns for your local community?”

“Do you drink alcohol?”

“Which of the following best describes you?”

Substance Abuse

- Higher-income residents are more likely to drink alcohol.

“Do you drink alcohol?”

Alcohol Use (n=402)	Male	Female	Low Income	Mid-High Income
Do you drink alcohol? (N=402)	59%	53%	28%	58%

Alcohol use (n=402)	18 - 39	40 - 64	65+
Do you drink alcohol? (N=402)	57%	58%	48%

Substance Abuse Summary

- 6% of residents indicated having had issues with substance abuse. Of those who have had issues, 57% sought out assistance.
- When seeking out assistance for substance abuse, most are turning to clinics / facilities or group therapy.
- 44% of residents indicated that substance abuse screenings or education services are needed in the community.

- 16% of residents smoke cigarettes and of those 62% have tried to stop smoking in the past year.
- 13% of residents have someone else in the household that smokes cigarettes.
- Of those who smoke cigarettes, most (46%) smoke fewer than a ½ pack a day, with 39% smoking a pack or more a day.

- 56% of residents indicated they drink alcohol. Of those who drink alcohol, 87% drink rarely or occasionally (a few drinks a week to once a month).

Hospital Assessment

Hospital Assessment

St. Vincent Carmel is the top choice for area residents. 24% indicated that Riverview Health would be their first or second choice hospital.

First / Second Choice Area Hospital (n=402)

“If you or any member of your household needed hospital care, what one area hospital would be your first choice and what would be your second choice?”

Area Hospitals	1 st Choice	2 nd Choice	1 st + 2 nd Choice
St. Vincent Carmel	22%	21%	43%
Riverview Health	15%	9%	24%
Community Hospital North	14%	10%	24%
IU Health North	13%	13%	26%
St. Vincent Indianapolis (86 th Street)	10%	10%	20%
St. Vincent Fishers Hospital	8%	8%	16%
IU Health Saxony	6%	4%	10%
IU Health Tipton	1%	2%	3%
Riley Hospital for Children at IU Health	1%	1%	2%
IU Health Methodist	1%	5%	6%
IU Health University	1%	1%	2%
Community Hospital Anderson	1%	0%	1%
Peyton Manning Children’s Hospital	.3%	1%	1%
St. Vincent Women’s Hospital	0%	.1%	.1%
Community Howard Regional Health	0%	0%	0%
St. Joseph – Kokomo	0%	0%	0%
Other	4%	5%	9%
None of These	5%	10%	15%

Hospital Assessment

St. Vincent Carmel is the top choice hospital in the area for heart care.

First Choice for Heart Care (n=402)

“All things considered, what one area hospital would be your first choice for Heart Care?”

Area Hospitals	1 st Choice
St. Vincent Carmel	17%
Community Hospital North	15%
St. Vincent Indianapolis (86th Street)	13%
IU Health North	12%
Riverview Health	10%
IU Health Saxony	4%
St. Vincent Fishers Hospital	4%
IU Health Methodist	4%
IU Health University	1%
Riley Hospital for Children at IU Health	1%
Community Hospital Anderson	0%
Community Howard Regional Health	0%
St. Joseph - Kokomo	0%
IU Health Tipton	0%
Peyton Manning Children’s Hospital	0%
St. Vincent Women’s Hospital	0%
Other	12%
None of these	7%

Hospital Assessment

St. Vincent Indianapolis (86th Street) and IU Health North are the top choices for hospitals in the area for cancer care.

First Choice for Cancer Care (n=402)

“All things considered, what one area hospital would be your first choice for Cancer Care?”

Area Hospitals	1 st Choice
St. Vincent Indianapolis (86th Street)	15%
IU Health North	15%
St. Vincent Carmel	13%
Community Hospital North	12%
Riverview Health	7%
IU Health University	5%
IU Health Methodist	5%
St. Vincent Fishers Hospital	4%
IU Health Saxony	3%
Peyton Manning Children’s Hospital	0%
Community Hospital Anderson	0%
Community Howard Regional Health	0%
IU Health Tipton	0%
Riley Hospital for Children at IU Health	0%
St. Joseph - Kokomo	0%
St. Vincent Women’s Hospital	0%
Other	5%
None of these	15%

Hospital Assessment

St. Vincent Carmel is the top choice hospital in the area for delivering babies.

First Choice for Delivering Babies (n=402)

“All things considered, what one area hospital would be your first choice for Delivering Babies?”

Area Hospitals	1 st Choice
St. Vincent Carmel	19%
Community Hospital North	12%
Riverview Health	11%
IU Health North	10%
St. Vincent Indianapolis (86th Street)	9%
St. Vincent Women’s Hospital	7%
St. Vincent Fishers Hospital	6%
IU Health Saxony	3%
IU Health University	1%
IU Health Methodist	1%
Riley Hospital for Children at IU Health	1%
Peyton Manning Children’s Hospital	0%
Community Hospital Anderson	0%
Community Howard Regional Health	0%
IU Health Tipton	0%
St. Joseph - Kokomo	0%
Other	4%
None of these	15%

Hospital Assessment

St. Vincent (86th Street) is the top choice hospital in the area for major operations and procedures.

First Choice for Major Operations and Procedures (n=402)

“All things considered, what one area hospital would be your first choice for Major Operations and Procedures?”

Area Hospitals	1 st Choice
St. Vincent Indianapolis (86th Street)	21%
St. Vincent Carmel	15%
IU Health North	15%
Community Hospital North	13%
Riverview Health	9%
IU Health Methodist	6%
St. Vincent Fishers Hospital	4%
IU Health University	4%
IU Health Saxony	3%
IU Health Tipton	1%
Peyton Manning Children’s Hospital	1%
Community Howard Regional Health	0%
Community Hospital Anderson	0%
Riley Hospital for Children at IU Health	0%
St. Joseph - Kokomo	0%
St. Vincent Women’s Hospital	0%
Other	4%
None of these	6%

Hospital Assessment

St. Vincent Carmel is the top choice hospital in the area for life-threatening emergency care.

First Choice for Life-Threatening Emergency Care (n=402)

“All things considered, what one area hospital would be your first choice for Life Threatening Emergency Care?”

Area Hospitals	1 st Choice
St. Vincent Carmel	18%
St. Vincent Indianapolis (86th Street)	14%
IU Health North	13%
Riverview Health	13%
Community Hospital North	13%
St. Vincent Fishers Hospital	7%
IU Health Saxony	6%
IU Health Methodist	6%
IU Health Tipton	1%
IU Health University	1%
Riley Hospital for Children at IU Health	1%
Community Hospital Anderson	0%
Community Howard Regional Health	0%
Peyton Manning Children’s Hospital	0%
St. Joseph - Kokomo	0%
St. Vincent Women’s Hospital	0%
Other	3%
None of these	5%

Hospital Assessment

Riley Hospital for Children at IU Health is the top choice hospital in the area for pediatric care.

First Choice for Pediatric Care (n=402)

“All things considered, what one area hospital would be your first choice for Pediatric Care?”

Area Hospitals	1 st Choice
Riley Hospital for Children at IU Health	17%
St. Vincent Carmel	11%
Riverview Health	11%
Peyton Manning Children’s Hospital	10%
Community Hospital North	9%
IU Health North	9%
St. Vincent Indianapolis (86th Street)	7%
St. Vincent Fishers Hospital	5%
IU Health Saxony	1%
IU Health Methodist	1%
IU Health University	1%
St. Vincent Women’s Hospital	0%
Community Howard Regional Health	0%
Community Hospital Anderson	0%
IU Health Tipton	0%
St. Joseph - Kokomo	0%
Other	2%
None of these	16%

Hospital Assessment Summary

When selecting hospitals in the area for hospital care, top choices were:

1st Choice Hospital

- St. Vincent Carmel (22%)
- Riverview Health (15%)
- Community Hospital North (14%)
- IU Health North (13%)
- St. Vincent Indianapolis (86th Street) (10%)

When selecting hospitals in the area for Heart Care, top choices were:

- St. Vincent Carmel (17%)
- Community Hospital North (15%)
- St. Vincent Indianapolis (86th Street) (13%)
- IU North (12%)

When selecting hospitals in the area for Cancer Care, top choices were:

- St. Vincent Indianapolis (86th Street) (15%)
- IU North (15%)
- St. Vincent Carmel (13%)
- Community Hospital North (12%)

When selecting hospitals in the area for Delivering Babies, top choices were:

- St. Vincent Carmel (19%)
- Community Hospital North (12%)
- Riverview Health (11%)
- IU Health North (10%)

Hospital Assessment Summary

When selecting hospitals in the area for **Major Operations and Procedures**, top choices were:

- St. Vincent Indianapolis (86th Street) (21%)
- St. Vincent Carmel (15%)
- IU Health North (15%)
- Community Hospital North (13%)

When selecting hospitals in the area for **Life-Threatening Emergency Care**, top choices were:

- St. Vincent Carmel (18%)
- St. Vincent Indianapolis (86th Street) (14%)
- IU Health North (13%)
- Riverview Health (13%)
- Community Hospital North (13%)

When selecting hospitals in the area for **Pediatric Care**, top choices were:

- Riley Hospital for Children at IU Health (17%)
- St. Vincent Carmel (11%)
- Riverview Health (11%)
- Peyton Manning Children's Hospital (10%)

Survey Instrument



Riverview Health Community Health Needs Assessment Survey

BACKGROUND AND OBJECTIVES

Background:

A Community Health Needs Assessment is a systematic process for determining and addressing the healthcare needs of community residents and differentiate between current conditions and that which is desired. This assessment will allow for the examination of the current realities, their nature and causes, and will present the opportunity to set priorities for future actions

This process will help assist Hamilton County in determining the health status, behaviors, attitudes, and needs of its residents and guide future efforts to improve the overall health and wellness of the community at large.

Lastly, this Community Needs Assessment will provide information allowing Hamilton County to identify the health issues which are of the greatest concern and provide the critical information necessary to educate the County as to where to allocate resources, thereby making the greatest possible impact on the health status of community citizens.

Objectives:

As currently envisioned, the research will address the following key objectives:

- Improve Hamilton County residents' health status, increase their life spans, and elevate their overall quality of life;
- Reduce the health disparities among Hamilton County residents;
- Increase accessibility to preventative services for all Hamilton County residents;
- Identify market perceptions surrounding availability and accessibility of existing health care offerings;
- Identify current health care needs in general and specific health care service usage in particular, identifying latent community health needs;
- Identify any perceived healthcare needs or shortages within the local community from the perspective of area residents.

RESEARCH METHODOLOGY

Quantitative surveys will be collected to capture Indiana resident insights.

- To capture the community health needs of greater Hamilton County, as well as identify the availability and accessibility of existing healthcare offerings, and reflect the demographic and socioeconomic composition of Hamilton county, SMARI recommends a blended research methodology [a mix of phone and web based surveys] be employed for this research.
 - ✓ 400 surveys from this blended methodology will completed.

RESEARCH TIMELINE

The timeline for the Riverview Health CHNA project is as follows:

- Development of questionnaire by SMARI ----- Week of 7/20
- Approval of questionnaire by Riverview Health ----- Week of 7/27
- Questionnaire programming by SMARI ----- Week of 8/3
- Field quantitative research ----- Week of 8/10
- Begin analysis of research data ----- Week of 8/31
- Written summary report from SMARI ----- Week of 9/28
- Presentation of CHNA Results by SMARI ----- Week of 10/5

PRIMARY RESEARCH

My name is _____ with SMARI.LLC, a market research company located in Indianapolis.

Today/tonight we are conducting a brief survey regarding the health needs and concerns of people in your community. Please be assured that the information gathered from this discussion will only be used for research and planning purposes, with your responses kept confidential.

1. What is your zip code? – **DROP DOWN LIST - IF NOT IN ZIP CODE, TERMINATE**
 Zip codes to include: **46030, 46031, 46032, 46033, 46034, 46037, 46038, 46060, 46062, 46069, 46074, 46280 and 46290**
2. What is your age? _____ **TARGET AGE RANGES = 18 to 39 - 39% | 40 to 64 - 48% | 65+ - 13%**
3. Are there children under the age of 18 currently living in your household?
 Yes – **IF YES, ASK Q. 4**
 No
4. How many children under the age of 18 live in your household?
 One
 Two
 Three
 Four
 Five or more
5. What is your gender?
 Male
 Female

General Health – Personal and Community

6. Would you say that in general your health is...?
 Excellent
 Very Good
 Good
 Fair
 Poor
7. How would you assess the overall general health of the community in which you live? Would you say it is...?
 Excellent
 Very Good
 Good
 Fair
 Poor

8. Now thinking about your mental health, which includes stress, depression and problems with emotions, would you say that, in general, your mental health is..?
- Excellent
 - Very Good
 - Good
 - Fair
 - Poor
9. Thinking of the overall community in which you live, how would you assess their mental health, which includes stress, depression and problems with emotions? Would you say that, in general, the mental health of the community is..?
- Excellent
 - Very Good
 - Good
 - Fair
 - Poor
10. Which of the following could help to improve the overall mental health of your community?
Select all that apply.
- Increasing general public awareness regarding common mental health issues
 - Increasing general public awareness of support programs which are available to help manage personal mental health issues
 - Having more mental health treatment facilities available
 - Increasing awareness and access to available mental health screenings
 - Other: Please specify: [_____]
11. What is your perceived level of stress on a typical day? Is it...?
- Extremely stressful
 - Very stressful
 - Moderately stressful
 - Not very stressful
 - Not at all stressful
12. How would you assess your level of stress at work? Would you say your stress at work is...?
- Extremely stressful
 - Very stressful
 - Moderately stressful
 - Not very stressful
 - Not stressful at all
13. How would you assess your level of stress at home? Would you say your stress at home is...?
- Extremely stressful
 - Very stressful
 - Moderately stressful
 - Not very stressful
 - Not stressful at all

14. Have you sought professional help for a mental or emotional problem?
- Yes
 - No
 - I don't know

Level of Physical | Work Activity

15. To what extent do you believe that obesity is a problem in your community?
- A significant problem
 - Somewhat a problem
 - Neutral
 - Not much of a problem
 - Not a significant problem
16. In your opinion, what factors contribute to obesity in your community?
Select all that apply.
- Eating habits (fried foods, unhealthy snacking, fast food, overeating)
 - Not enough safe parks, sidewalks, walking trails, and low cost gym memberships
 - Cost and lack of healthy foods (fruits and vegetables)
 - Don't like to exercise
 - Don't like fruits and vegetables
 - Unsure of nutritional value in restaurant meals (calories, fat grams)
 - Stress
 - Not applicable
 - Other: Please specify: [_____]
17. How often do you personally exercise? Is your exercise frequency best described as...?
- Never or rarely
 - A few times per month
 - Weekly
 - Several times per week
 - Daily
 - More than once per day
18. In the past month, how would you assess your personal level of physical activity? Would you describe your activity as...?
- No physical activity
 - Minimal physical activity (meaning you're active less than 3 times a week, for 20 min.)
 - Moderate physical activity (meaning you're active 3 times a week, 20 minutes at a time)
 - Vigorous physical activity (meaning you're active 5 times a week, 30 minutes at a time)
19. How would you assess your primary level of physical activity while at work? Is it...?
- Sitting / Standing
 - Mostly walking
 - Physically demanding
 - Not applicable

20. What are the things that most impact your own ability to maintain a healthy weight?

Select all that apply.

- Eating habits (fried foods, unhealthy snacking, fast food, overeating)
- Not enough safe parks, sidewalks, walking trails, and low cost gym memberships
- Cost and lack of healthy foods (fruits and vegetables)
- Don't like to exercise
- Don't like fruits and vegetables
- Unsure of nutritional value in restaurant meals (calories, fat grams)
- Stress
- Not applicable – at a healthy weight
- Other: Please specify: [_____]

Access to Care | Health Insurance

21. What type of health insurance do you currently have?

- Employer-based health insure (provided by yourself or spouse)
- Self-purchased health insurance
- Purchased through the Healthcare Insurance Marketplace (HealthCare.gov)
- Medicare
- Medicaid
- Other Government Coverage
- VA | Military
- Unknown
- No health insurance **SKIP TO Q25**

22. Is prescription medication coverage included in your health insurance plan?

- Yes
- No
- I don't know

IF 'MEDICARE' IN Q21 ASK:

23. Do you have supplemental coverage [in addition to Medicare]?

- Yes
- No
- I don't know

24. Have you gone without health insurance at any point within the past year?

- Yes
- No
- I don't know

25. Have you experienced any difficulties or delays of any kind in obtaining the health care you needed within the past year?

- Yes
- No
- I don't know

26. Have you experienced barriers to medical care within the past year based on any of the following factors? **Select all that apply.**

- Inconvenient office hours
- Getting a doctor appointment
- Cost (Doctor visit)
- Cost (Prescriptions)
- Finding a doctor
- Lack of transportation
- Other: Please specify [_____]
- Lack of insurance

27. At any time within the past year have you skipped or reduced prescription doses in order to stretch prescriptions and save money?

- Yes
- No
- I don't know

IF 'YES' IN Q3 ASK

28. Have you had any trouble obtaining medical care for your child with in the past year?

- Yes
- No
- I don't know

29. In the past year, have the costs of healthcare prevented you from...? READ LIST

	Yes	No
Seeing a doctor or other health care professional	<input type="checkbox"/>	<input type="checkbox"/>
Seeing a mental health care professional	<input type="checkbox"/>	<input type="checkbox"/>
Filling or refilling a prescription	<input type="checkbox"/>	<input type="checkbox"/>
Emergency room care	<input type="checkbox"/>	<input type="checkbox"/>
Wellness programs	<input type="checkbox"/>	<input type="checkbox"/>
Substance abuse treatment services	<input type="checkbox"/>	<input type="checkbox"/>
Rehabilitation / Physical Therapy	<input type="checkbox"/>	<input type="checkbox"/>
In-patient surgery	<input type="checkbox"/>	<input type="checkbox"/>
Out-patient surgery	<input type="checkbox"/>	<input type="checkbox"/>
X-rays	<input type="checkbox"/>	<input type="checkbox"/>
Laboratory services	<input type="checkbox"/>	<input type="checkbox"/>
Other: Please specify [_____]	<input type="checkbox"/>	<input type="checkbox"/>

30. Where do you typically go if you are sick or need advice about your health?

- Doctor's office
- Hospital emergency room
- Immediate care center
- Clinic
- Military / VA
- Other: Please specify [_____]
- None

31. Have you visited a physician for a routine checkup within the past year?
- Yes
 - No
 - I don't know

IF 'YES' IN Q3 ASK

32. Has your child visited a physician for a routine checkup within the past year?
- Yes
 - No
 - I don't know
33. Have you used a hospital emergency room more than once in the past year?
- Yes – **ASK Q34**
 - No
 - I don't know
34. What were the reasons for visiting a hospital emergency room more than once in the past year? **Select all that apply.**
- Asthma / COPD
 - Blood sugar / Diabetes issues
 - Depression / Anxiety
 - Stress
 - Oral health
 - Alcohol / drug abuse
 - Chronic diseases such as cancer, heart problems, etc.
 - Common illnesses such as cold, sore throat, flu, ear infection, stomach problems, etc.
 - Common injury such as broken bone, sprain, burn, etc.
 - Unplanned surgery
 - Other: please specify [_____]
35. Which of the following types of physicians, or care givers, do you or other household members regularly visit? **Select all that apply.**
- Family or general practitioner
 - Obstetrician/gynecologist – OB/GYN
 - Internist
 - Pediatrician
 - Nurse practitioner
 - Dermatologist
 - Dentist
 - Ophthalmologist (eye)
 - Other: please specify [_____]
 - None visited regularly
 - Do not have a physician
36. What is your primary method of transportation for getting to your doctor's appointments?
- Select all that apply**
- Car
 - Bus – public transportation

- Taxi cab
- Family member / friend
- Bike or walk
- Frequently miss doctor's appointments
- Other: please specify [_____]

Personal Health Screenings

37. In the past 12 months or so, has a doctor or other health care professional screened you or for any of the following? Select all that apply.

- Diabetes (blood sugar level)
- Skin cancer
- Heart scan
- None of these

38. Have you had your blood pressure testing within the past two years?

- Yes
- No
- I don't know

39. Have you had your cholesterol tested within the past five years?

- Yes
- No
- I don't know

IF 'MALE' IN Q5 AND AGE 50+ IN Q2 ASK

40. Have you had a prostate screening in the past two years?

- Yes
- No
- I don't know

IF AGE 50-75 IN Q2 ASK

41. Have you had a colorectal cancer screening within the past year?

- Yes
- No
- I don't know

IF 'FEMALE IN Q5 AND AGE 50-74 IN Q2 ASK

42. Have you had a mammogram within the past two years?

- Yes
- No
- I don't know

IF 'FEMALE IN Q5 AND AGE 21-65 IN Q2 ASK

43. Have had a pap smear in the past three years?

- Yes
- No
- I don't know

IF AGE 50+ IN Q2 ASK

44. Have you ever had a lower endoscopy exam?
- Yes
 - No
 - I don't know

IF AGE 50+ IN Q2 ASK

45. Have you had a blood stool test in the past two years?
- Yes
 - No
 - I don't know
46. How often do you or other members of your household visit a dentist?
- Several times a year
 - Once a year
 - Less often than once a year
 - Other: Please specify [_____]
47. Do you have insurance coverage that pays for all or part of dental care costs?
- Yes
 - No
 - I don't know
48. Have you had an eye exam within the past two years?
- Yes
 - No
 - I don't know
49. Have you had a flu vaccination in the past year?
- Yes
 - No
 - I don't know
50. Have you ever had a pneumonia vaccination?
- Yes
 - No
 - I don't know
51. Have you been tested for HIV in the past year?
- Yes
 - No
 - I don't know
52. Have you missed work or school due to any of the following reasons in the past year?
- Asthma / COPD
 - Blood sugar / Diabetes issues
 - Depression / Anxiety
 - Stress

- Oral health
- Alcohol / drug abuse
- Chronic diseases such as cancer, heart problems, etc.
- Common illnesses such as cold, sore throat, flu, ear infection, stomach problems, etc.
- Common injury such as broken bone, sprain, burn, etc.
- Unplanned surgery
- Other: please specify

53. In your opinion, what health screenings or education/information services are needed in your community? Select all that apply. **ROTATE LIST**

- | | |
|---|--|
| <input type="checkbox"/> Cancer | <input type="checkbox"/> Weight management |
| <input type="checkbox"/> Cholesterol | <input type="checkbox"/> Children obesity |
| <input type="checkbox"/> Blood pressure | <input type="checkbox"/> Emergency preparedness |
| <input type="checkbox"/> Heart disease | <input type="checkbox"/> Eating disorders |
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> Falls prevention |
| <input type="checkbox"/> Dental screenings | <input type="checkbox"/> HIV/sexually transmitted diseases |
| <input type="checkbox"/> Disease outbreaks | <input type="checkbox"/> Mental health |
| <input type="checkbox"/> Substance abuse | <input type="checkbox"/> Vaccination/immunizations |
| <input type="checkbox"/> Nutrition | <input type="checkbox"/> Prenatal care |
| <input type="checkbox"/> Exercise/physical activity | <input type="checkbox"/> Other: Please specify [_____] |

Personal Incidence of Health Issues

54. Which of the following, if any have you been diagnosed with, experienced, or apply to your, personally? **ROTATE LIST**

- Limited in activities in some way due to a physical, mental or emotional problem **ASK Q55**
- Diagnosed with depression
- Chronic depression (feeling depressed or sad on most days, although you may feel okay sometimes)
- Heart disease
- Stroke
- High blood pressure
- High blood cholesterol or hypertension **ASK Q56**
- Hepatitis C
- Skin cancer
- Cancer (non-skin)
- Diabetes **ASK Q57 and Q58**
- Lung disease
- Asthma
- Allergies
- Sinusitis (sinus infection)
- Arthritis / Rheumatism
- Osteoporosis
- Chronic sciatica / back pain
- Chronic neck pain
- Migraines / chronic headaches
- Blindness / trouble seeing with corrective lenses
- Deaf / difficulty hearing
- None of these

55. **[IF LIMITATION IN Q54 ASK]** What type of problem leads to limited activities?
 [_____]
56. **[IF HIGH CHOLESTEROL IN Q54 ASK]** Are you taking action to control high cholesterol levels?
 Yes
 No
 I don't know
57. **[IF DIABETES IN Q54 ASK]** Which of the following best describes the type of diabetes that you have?
 Type I
 Type II
 Gestational
 Not sure
58. **[IF DIABETES IN Q54 ASK]** Do you currently take insulin or other medications for diabetes?
 Yes
 No
 I don't know
59. Has your doctor needed to talk with you about any of the following medical issues?
Select all that apply.
 Depression / anxiety
 Stress
 Domestic violence or personal safety
 Alcohol / drug abuse
 Tobacco use
 Misuse of prescription medicine
 Diet / Nutrition
 Exercise
 Other: please specify [_____]

Weight and Nutrition

60. Of these, which one best describes your current weight?
 Perceived self as very / somewhat underweight
 Perceive self as about the right weight
 Perceive self as somewhat overweight
 Perceive self as very overweight
 I don't know
61. In the past year, has a doctor or other health care professional advised you about...?
 Your weight
 Nutrition
 Exercise
 None of these
48. Which, if any, of the following are you currently doing to manage your weight?

- Eating healthy
- Regular exercise
- Following a strict diet
- Other (specify) [_____]
- Not actively managing weight

62. Using the following chart, what is your BMI (Body Mass Index)?



SHOW BMI CHART ON SCREEN

[_____]

Injury and Violence

63. Have you ever been a victim of domestic violence or physical, sexual or verbal abuse?

- Yes – **ASK Q64**
- No

64. Did you seek assistance?

- Yes – **ASK Q65**
- No – **SKIP TO Q66**

65. Where did you receive assistance?

- Hospital
- Clinic / Facility
- Church
- Other: Please specify [_____]

Substance Abuse

66. Have you ever had issues with substance abuse?

- Yes – **ASK Q67**
- No – **SKIP TO Q69**

67. Did you seek assistance?

- Yes – **ASK Q 68**
- No – **SKIP TO Q69**

68. Where did you receive assistance?

- Hospital
- Clinic / Facility
- Church
- Group therapy
- Other: Please specify [_____]

69. Do you smoke cigarettes?
- Yes – **ASK Q70**
 - No – **SKIP TO Q71**
70. How many cigarettes do you smoke in a given day?
- Less than 5 per day
 - ½ pack per day
 - 1 pack per day
 - 1.5 packs per day
 - 2 or more packs per day
71. Have you tried to stop smoking in the past year?
- Yes
 - No
72. Does anyone else in your household smoke cigarettes?
- Yes
 - No
73. Do you use smokeless tobacco?
- Yes
 - No
74. Do you drink alcohol?
- Yes – **ASK Q75**
 - No – **SKIP TO Q76**
75. Which of the following best describes you?
- Drink rarely – once a month or less
 - Drink occasionally – a few drinks a week
 - Drink daily – 1-2 drinks a day
 - Drink daily – 2-3 drinks a day
 - Drink daily – 3-4 drinks a day
 - Drink daily – 5 or more drinks a day
76. In your opinion, which of the following do you believe are concerns for your local community? **Select all that apply. ROTATE LIST**
- | | |
|--|---|
| <input type="checkbox"/> Allergies | <input type="checkbox"/> Mental Health |
| <input type="checkbox"/> Asthma | <input type="checkbox"/> Special-needs child care |
| <input type="checkbox"/> High blood pressure | <input type="checkbox"/> Weight control/obesity |
| <input type="checkbox"/> High cholesterol | <input type="checkbox"/> Children obesity |
| <input type="checkbox"/> Chemical Dependency | <input type="checkbox"/> Domestic abuse |
| <input type="checkbox"/> Access to healthcare | <input type="checkbox"/> Sexual abuse |
| <input type="checkbox"/> Healthy insurance | <input type="checkbox"/> Stress/emotional health |
| <input type="checkbox"/> Immunization & infection diseases | <input type="checkbox"/> Teenage pregnancy |
| <input type="checkbox"/> Depression/anxiety | <input type="checkbox"/> Prenatal care |
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> K-12 education |
| <input type="checkbox"/> Heart Disease | <input type="checkbox"/> HIV |

- | | |
|--|--|
| <input type="checkbox"/> Geriatric care | <input type="checkbox"/> Chronic disease |
| <input type="checkbox"/> Smoking/tobacco use | <input type="checkbox"/> Hearing/vision problems |
| <input type="checkbox"/> Dental/oral health | <input type="checkbox"/> Other (specify) [_____] |
| <input type="checkbox"/> Injury prevention | <input type="checkbox"/> No concerns |
| <input type="checkbox"/> Infant mortality | |

77. Given these concerns, what suggestions do you have on how the community can help?

SHOW CONCERNS SELECTED IN Q76

[_____]

78. Which of the following would you say are problems facing your community:

Select all that apply.

- Hunger
- Transportation challenges
- Poverty
- Housing issues
- Access to education
- Environmental problems
- Pollution
- Prescription drug abuse such as oxycotin
- Teenage pregnancy
- Methamphetamine use
- Special needs healthcare for children
- Special needs healthcare for adults
- Childhood immunizations
- Child abuse or neglect
- Domestic abuse
- Home health care services for the elderly
- Smoking
- Alcohol Abuse
- Illegal Drug Abuse
- Using smokeless or chewing tobacco
- Access to healthcare
- Under or uninsured families
- Sexually transmitted diseases
- Obesity children
- Obesity adults

Hospital Assessment

The next series of questions concern your opinions about the services provided by area hospitals.

The list of area hospitals will be as follows:

- | | |
|---|---|
| <input type="checkbox"/> Community Hospital Anderson | <input type="checkbox"/> IU Health North |
| <input type="checkbox"/> Community Hospital North | <input type="checkbox"/> IU Health Saxony |
| <input type="checkbox"/> Community Howard Regional Health | <input type="checkbox"/> IU Health Tipton |
| <input type="checkbox"/> IU Health Methodist | <input type="checkbox"/> IU Health University |

- | | |
|---|---|
| <input type="checkbox"/> Riley Hospital for Children at IU Health | <input type="checkbox"/> St. Vincent Carmel |
| <input type="checkbox"/> Riverview Health | <input type="checkbox"/> St. Vincent Fishers Hospital |
| <input type="checkbox"/> Peyton Manning Children's Hospital | <input type="checkbox"/> St. Vincent Indianapolis (86th Street) |
| <input type="checkbox"/> St. Joseph - Kokomo | <input type="checkbox"/> St. Vincent Women's Hospital |

79. If you or any member of your household needed hospital care, what one area hospital would be your first choice? **INSERT HOSPITAL LIST**
80. If you or any member of your household needed hospital care, what one area hospital would be your second choice? **INSERT HOSPITAL LIST**
81. All things considered, what one area hospital would be your first choice for **INSERT TYPE OF CARE FROM BELOW. SHOW HOSPITAL LIST**
- Heart care
 - Cancer care
 - Delivering babies
 - Major operations and procedures
 - Life threatening emergency care
 - Pediatric care

CLASSIFICATION QUESTIONS

The remaining questions are asked so that we may group your responses with others who have completed this survey.

82. What is the highest level of education you have completed or the highest degree you have received so far?
- Less than high school
 - High school graduate or equivalent (for example, a GED)
 - Completed some college, but no degree
 - Associate's degree
 - College graduate (for example, B.A., A.B. or B.S.)
 - Completed some graduate school, but no degree
 - Completed graduate school (for example, M.S., M.D., Ph.D.)
83. How many individuals live in your current household? []
84. Counting all sources of income for all members of your household, what is your household's total annual income?
- | | |
|--|--|
| <input type="checkbox"/> Less than \$12,000 | <input type="checkbox"/> \$40,001 - \$49,999 |
| <input type="checkbox"/> \$12,001 - \$16,000 | <input type="checkbox"/> \$50,000 - \$59,999 |
| <input type="checkbox"/> \$16,001 - \$20,000 | <input type="checkbox"/> \$60,000 - \$74,999 |
| <input type="checkbox"/> \$20,001 - \$25,000 | <input type="checkbox"/> \$75,000 - \$99,999 |
| <input type="checkbox"/> \$25,001 - \$30,000 | <input type="checkbox"/> \$100,000 - \$149,999 |
| <input type="checkbox"/> \$30,001 - \$35,000 | <input type="checkbox"/> \$150,000+ |
| <input type="checkbox"/> \$35,001 - \$40,000 | |

85. Are you ...

- Currently married
- In a committed partnership
- Widowed
- Separated or divorced
- Never married

86. Are you of Hispanic, Latino, or Spanish origin or descent?

- Yes
- No

87. To ensure that all groups of our population are represented in this survey, what is your race/ethnic background?

- African American/Black
- American Indian or Alaska Native
- Asian or Pacific Islander
- Caucasian/White
- Other

SECONDARY RESEARCH

The secondary research components of the CHNA study will address the following areas:

- County Demographics
 - Hamilton County Overview
 - Mortality | Leading causes of death
- Economic Indicators
 - Employment
 - Household Income and People in Poverty
 - Insurance Coverage
- County Level Health Status and Access Indicators
 - County Health Rankings
 - Community Health Status Indicators
- ZIP Code-Level Health Access Indicators
- Regional Chronic Conditions and Preventive Behaviors
- Medically Underserved Areas and Populations
- Health Professional Shortage Areas
- Description of Other Facilities and Resources Within the Community
- Review of Other Assessments of Health Needs



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