



2021 Community Health Needs Assessment



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Executive Summary

The Community Health Needs Assessment (CHNA) is designed to offer an understanding of the current health status and needs of the residents in the communities served by WindRose Health Network (WHN). This report meets the current requirement for Federally Qualified Health Centers (FQHCs) which necessitates a CHNA be conducted every three years with the goal of tailoring programming to meet the community needs when possible. WHN partnered with Johnson Memorial Health to assist in the 2021 CHNA process and development of a comprehensive overview identifying the health needs of its community.

WHN is a FQHC, a non-profit community-based healthcare organization. It provides integrated primary care and preventative care, and mental health/substance abuse services to people of all ages, regardless of their health insurance status or ability to pay. As such, FQHCs act as a significant component to the healthcare safety net designed to care for all.

It is widely reported that 80 percent of people's health outcomes are affected by factors outside of the healthcare system (such as access to nutritious foods, safe housing, education, income security and other socio-economic factors). In order to establish appropriate local health service programs, WHN assesses the unmet need for health services in its catchment area in order to improve its programs, services, and community based outreach activities to address social determinants of health.

Based on the data analyzed, the priority of community needs are as follows:

- Access to Care (availability of health care providers, affordability, transportation and language barriers)
- Cancer
- Mental Health / Substance Abuse / Tobacco use
- Obesity / Diabetes / Nutrition / Physical Activity / Cardiovascular Disease

WindRose Health Network Overview and History

WindRose Health Network (WHN) was established in 1996 to bring much needed healthcare services to Trafalgar and surrounding communities. Together with local leaders and Johnson Memorial Health, a Rural Health Center was created providing access to primary care services for area residents of southern Johnson County. Today, WHN offers six sites of care and a COVID-19 mobile unit. Its health centers are located in Bartholomew, Hendricks, Johnson, and Marion counties.

The Mission of Windrose Health Network (WHN) is “to improve the health of both its patient and the communities it serves by providing high-quality, family-oriented primary and preventative health care services, with a particular emphasis on helping the poor, the medically underserved, and vulnerable residents. As a Federally Qualified Health Center, WHN accepts all people regardless of ability to pay and helps patients overcome language, economic, cultural and geographical barriers to obtaining health care services for themselves and for their families.”

Timeline Overview:

1996

- Established the first Rural Health Center in Trafalgar, Indiana.

2002

- A second Rural Health Center opened in a high-need area of Edinburgh, Indiana.

2003

- WHN officially became a Federally Qualified Health Center (FQHC). With grant support from the Bureau of Primary Health Care, WHN continued to grow and served about 5,700 patients in 2004.

2006

- At the request of community leaders in Hope, WHN opened a small clinic, the first local medical provider in more than 20 years.

2008

- WHN recognized a large number of patients were coming from Greenwood and Indianapolis. As a result, leaders opened a fourth health center on the Southside of Indianapolis, which quickly grew to become its largest and most diverse health center.

2010

- WHN quickly outgrew its small clinic in Hope, Indiana and broke ground on a new state-of-the-art, nine-exam room facility, creating the town's first permanent health center.

2014

- Responding to a growing physician shortage in the town of Franklin, WHN relocated its Edinburgh practice to a larger, fully renovated facility in Franklin.
- WHN employed more than 150 healthcare workers, including 28 clinicians, and served over 20,000 patients across six sites of care. Health Center locations include Trafalgar, Franklin, Hope, and the Southside of Indianapolis.

2015


- After experiencing seven years of extensive growth at the Southside Indianapolis health center, WHN divided the practice into two sites of care. One health center was opened near Community Hospital South and the second health center at Epler Parke at the intersection of Epler Road and US 31.

2019

- The Edinburgh Center facility underwent a renovation and was scheduled to reopen in early 2020 but was delayed due to the COVID-19 pandemic.

2020

- A 38-foot mobile unit was purchased in response to the worldwide COVID-19 pandemic to address the Coronavirus outbreak and provide mobile COVID-19 testing throughout the community. Furthermore, telehealth services were established to ensure patients had virtual access to care.



In addition to providing primary health care services, during 2020, WHN:

- Provided Covid-19 testing and vaccination services
- Hosted free virtual suicide prevention trainings
- Sponsored garden volunteers at Bethany Gardens which provided more than 5,000 pounds of harvest for the community
- Partnered with the Franklin College Physician's Assistant (PA) program to provide immersive student internships in Family and Pediatric care.

WHN was recognized by the National Committee for Quality Assurance as a Patient Centered Medical Home with Distinction in Behavioral Health Integration. The U.S. Department of Health and Human Services (HHS), through the Health Resources and Services Administration (HRSA), recognized Windrose Health Network (WHN) as a 2020 quality improvement health center awardee. Of the 25 Federally Qualified Health Centers (FQHC) in Indiana, WHN was one of two HRSA 2020 quality improvement awardees. The HRSA's quality improvement award recognized WHN among the top 30% for highest performing health centers nationwide as well as a health center that made significant quality improvements from the previous year.

2021

- WHN employs more than 175 healthcare workers, including 36 providers on staff, and serves more than 20,000 patients across six sites of care. In addition, the mobile unit was deployed as a mass vaccination unit for COVID-19 in the late winter/early spring.
- This year marks 25 years of serving its mission and providing high-quality care throughout the community.
- WindRoseRx Epler Parke opened May 17, providing pharmacy products and services to the community. The pharmacy was strategically placed within the same facility as the WHN Epler Health Center to increase access to medication. A medication fund was established to help those with limited financial means to access necessary medication(s).
- Avon Center was established December 6, providing integrated primary care in partnership with Cummins Behavioral Health Systems, Inc.

The U.S. Department of Health and Human Services (HHS), through the Health Resources and Services Administration (HRSA), recognized WHN by way of the Community Health Center Quality Recognition (CHQR) initiative as a 2021 quality improvement health center awardee. CHQR awarded WHN four designations 1) Health Center Quality Leader - Silver Awardee, 2) Advancing Health Information Technology (HIT) for Quality, 3) COVID-19 Data Reporter, and 4) Patient Centered Medical Home.

Designations:



WindRose Health Network Service Areas and Insights

WHN's service area is Johnson County, portions of southern Marion County (ZIP codes 46241, 46221, 46217, 46227, 46237, 46239 and 46259), Hendricks was established in December of 2021 after the CHNA was concluded (ZIP code 46123), and Bartholomew and Morgan counties. Portions of southern Johnson County are designated as a Medically Underserved Service Area.

WHN Locations

- WHN offices in Johnson County:
 - Edinburgh Center - Dedicated to COVID-19 Vaccination
911 East Main Street
Edinburgh, IN 46124

 - Franklin Center
55 North Milford Drive
Franklin, IN 46131

 - Greenwood - Administration Offices
1052 Greenwood Springs Blvd., Suite H
Greenwood, IN 46143

 - Trafalgar Center
14 Trafalgar Square
Trafalgar, IN 46181

- WHN offices in Marion County:
 - Countyline Center
8921 Southpointe Drive, Suite A-1
Indianapolis, IN 46227

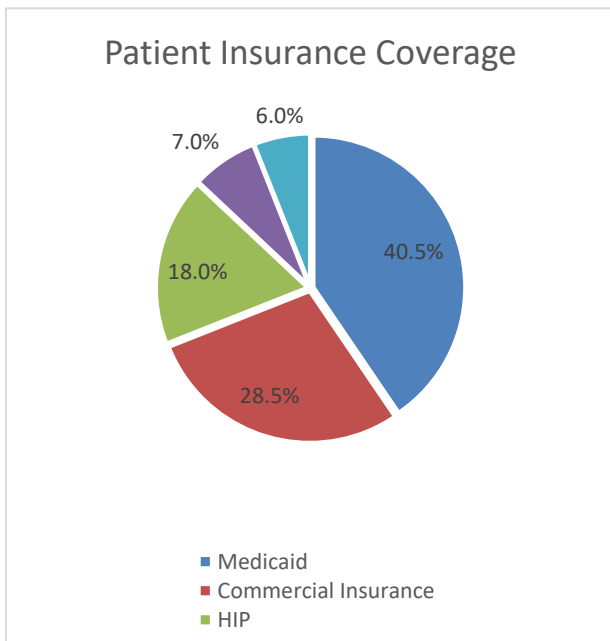
 - Epler Parke Center
5550 South East Street, Suite C
Indianapolis, IN 46227

- WHN office in Bartholomew County:
 - Hope Center
163 Butner Drive
Hope, IN 47246

- WHN offices in Hendricks are located at:
Avon Center
6655 East U.S. 36
Avon, IN 46123

During fiscal year 2020 WHN served 18,977 patients, with a total of 56,560 patient visits. Approximately 30% of those were served at the Epler Parke Center and 20% at the Franklin Center.

Patient Demographics



Non-English-Speaking Patients - 38%

LGBTQ+ Patients - <1%

Migrant Workers - 1%

Veterans - 1.5%

Homeless - <1%

Patient Income - 58% are at or below Federal Poverty Level

Patient Ethnicity - 49% minorities and 1% unknown

- There is a significant Chin (Burmese) population which lives in Perry Township (zip codes 46217, 46227

and 46237). Approximately 25,000 Chin live in southern Indianapolis, according to the Chin Community of Indiana. WHN serves approximately 5,050 Chin patients annually.

Data Collection and Methodology

Secondary Research - Secondary data from the following sources were used in this assessment:

- US Census data
- Healthy People 2030
- Robert Wood Johnson County Health Rankings
- United Health Foundation's America's Health Ranking 2019
- Indiana Indicators Dashboard
- Johnson County Health Department Annual Report 2019
- Indiana Community Health Workers Association
- Aunt Bertha

Primary Research - A community survey was conducted in the second quarter of 2021 in collaboration with Johnson Memorial Health (JMH). This primary data collection used the same nine-question Community Survey which was used for JMH's 2017 report so comparisons could be made. The survey was sent via email to key informants / community constituents (staff and physicians, social service professionals, community volunteers and task force members for Partnership for a Healthier Johnson County, school nurses, and other public health and area health care providers).

The survey was sent to persons in Johnson County as well as constituents in Marion and Bartholomew counties. The complete survey responses are included in this report as Appendix A.



Service Area Demographics

	Bartholomew	Johnson	Marion	Morgan
Population (2019) ¹	83,779	158,167	964,582	70,489
Population under 18 years	24%	24%	25%	22%
Population age 65 and older	16%	15%	13%	17%
Percent of population which is white	85%	91%	63%	97%

Notes on Marion County Demographics

While WHN's service area in Marion County (Indianapolis) includes Decatur, Perry, and Franklin Townships, most patients live in Perry Township. Some demographic information for Perry Township is available however health outcomes information is not available at the township or zip code level.

With regard to demographics which are available at the township level, Perry Township does not vary significantly from Marion County as a whole in such factors as educational attainment, employment or commuting to work. However median earnings are more than \$4,000 lower for the township compared to the county.



¹ <https://www.census.gov/quickfacts/fact/table/US/PST045219>

Social Determinants of Health

The World Health Organization defines the social determinants of health as “the conditions in which people are born, grow, live, work, and age. These circumstances are shaped by the distribution of money, power, and resources at global, national, and local levels. The social determinants of health are mostly responsible for health inequities – the unfair and avoidable differences in health status seen within and between countries.”²

Healthy Communities 2030's *Social Determinants of Health* was used to guide the research gathered for this report.

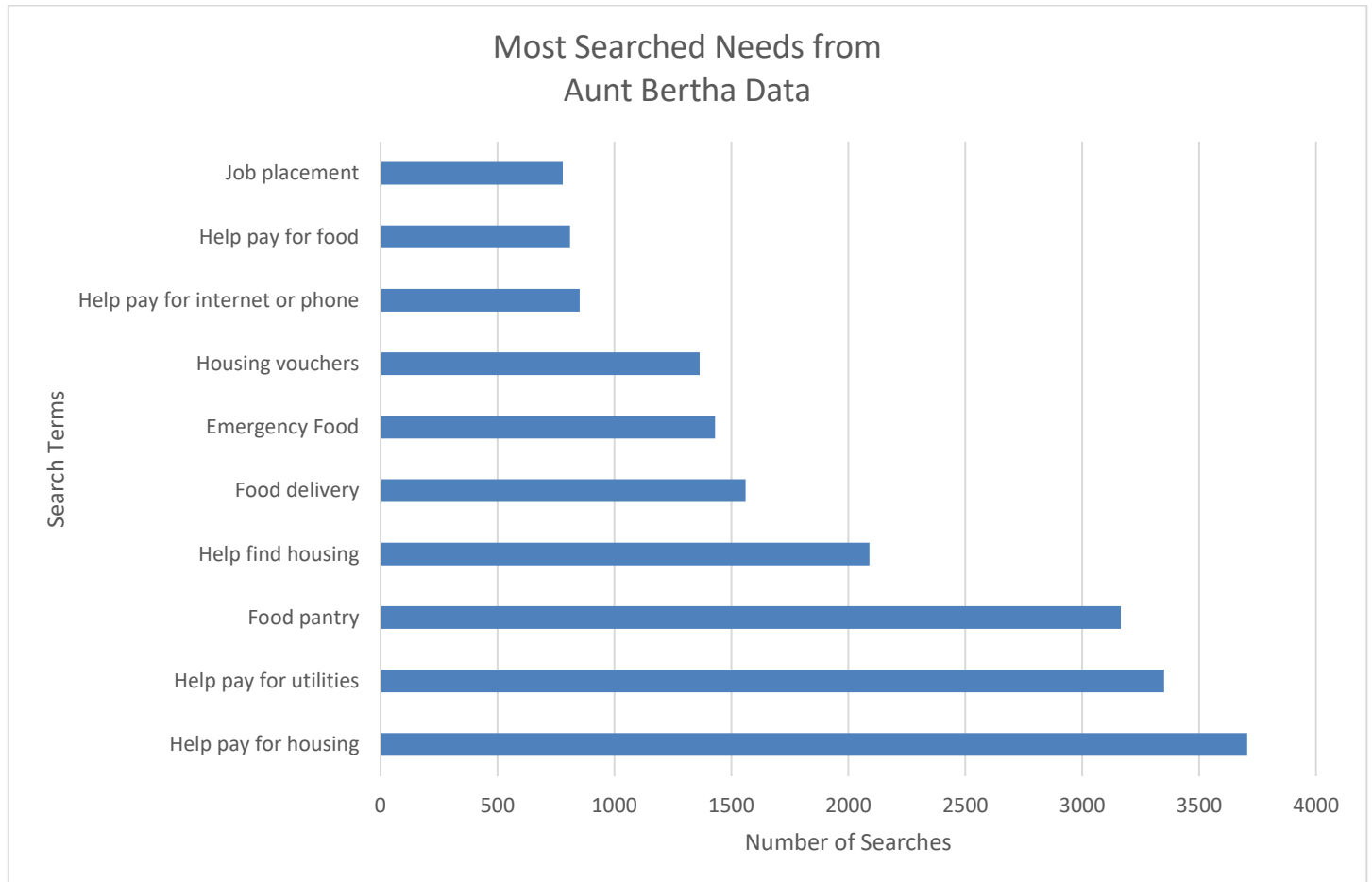
- **Economic stability** – People with steady employment are less likely to live in poverty and more likely to be healthy.
- **Education Access and Quality** – People with higher levels of education are more likely to be healthier and live longer.
- **Health Care Access and Quality** – People without insurance are less likely to have a primary care provider, and they may not be able to afford the health care services and medications they need.
- **Neighborhood and Built Environment** – The neighborhoods people live in have a major impact on their health and well-being.
- **Social and Community Context** – People’s relationships and interactions with family, friends, co-workers, and community members can have a major impact on their health and well-being.

The *Robert Wood Johnson 2020 County Health Rankings* also includes Physical Environment in their report.

- **Physical Environment** – The physical environment is where individuals live, learn, work, and play. People interact with their physical environment through the air they breathe, water they drink, houses they live in, and the transportation they access to travel to work and school. Poor physical environment can affect our ability and that of our families and neighbors to live long and healthy lives.

² Indiana Community Health Workers Association website, www.inchwa.org

According to **Aunt Bertha (2020)*, the top searched social determinants of health terms from September 2019 through September 2020 in Marion, Johnson, Morgan, and Bartholomew counties were:



*Reference: findhelp.org

Secondary Research - Health Rankings and Statistics

The chart (below and on the following pages) shows data from the *Robert Wood Johnson 2020 County Health Rankings* for each of the areas in the Windrose Health Network service area.

	State	Bartholomew	Johnson	Marion	Morgan
State Ranking: Overall Health Outcomes	n/a	26	12	72	43
State Ranking: Length of Life	n/a	34	17	76	36
Premature death (years of potential life lost before age 75 per 100,000 population) ³	8,300	7,600	6,800	9,900	8,000
Stated Ranking: Quality of Life	n/a	23	13	69	50
Percentage of adults reporting fair or poor health (2017) ⁴	20%	16%	16%	19%	18%
Average number of physically unhealthy days reported in the last 30 days (2017) ⁵	4.2	3.9	3.6	3.9	4.1
Average number of mentally unhealthy days reported in the last 30 days (2017) ⁶	4.7	4.1	4.4	4.2	4.4
Percentage of live births with low birthweight (2012-18) ⁷	8%	8%	7%	9%	8%
State Ranking Health Factors		15	7	87	32
State Ranking: Health Behaviors		17	8	68	43

³ <https://www.countyhealthrankings.org/app/indiana/2020/measure/outcomes/1/data>

⁴ <https://www.countyhealthrankings.org/app/indiana/2020/measure/outcomes/2/data>

⁵ <https://www.countyhealthrankings.org/app/indiana/2020/measure/outcomes/36/data>

⁶ <https://www.countyhealthrankings.org/app/indiana/2020/measure/outcomes/42/data>

⁷ <https://www.countyhealthrankings.org/app/indiana/2020/measure/outcomes/37/data>

	State	Bartholomew	Johnson	Marion	Morgan
Adult Smoking	22%	19%	18%	19%	19%
Adult Obesity	33%	32%	31%	33%	36%
Food environment index ⁸	7.1	7.8	8.0	6.7	8.2
Physical inactivity	27%	25%	24%	26%	28%
Access to exercise opportunities ⁹	75%	64%	80%	89%	54%
Excessive drinking	18%	17%	19%	18%	17%
Alcohol-impaired driving deaths	20%	11%	8%	17%	26%
Sexually transmitted diseases ¹⁰	514.2	279.1	306.7	1,109.0	265.4
Teen births ¹¹	27%	33	21	36	25
State Ranking: Clinical Care		19	9	36	15
Uninsured under age 65 (2017) ¹²	10%	10%	8%	112	10
Uninsured under age 18 (2017) ¹³	7%	10%	6%	6%	6%
Ratio of population to primary care physicians (2017) ¹⁴	1,510:1	1,410:1	1,270:1	1,250:1	2,180:1
Ratio of population to dentists (2018) ¹⁵	1,780:1	1,330:1	1,580:1	1,130:1	1,930:1
Ratio of population to mental health providers (2019) ¹⁶	620:1	670:1	1,150:1	350:1	1,670:1

⁸ Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).

⁹ Percentage of population with adequate access to locations for physical activity.

¹⁰ Number of newly diagnosed chlamydia cases per 100,000 population

¹¹ Number of births per 1,000 female population ages 15-19.

¹² <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/85/data>

¹³ <https://www.livestories.com/statistics/healthcare-insurance-coverage/indiana/uninsured-rate-and-age>

¹⁴ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/4/data>

¹⁵ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/88/data>

¹⁶ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/62/data>

	State	Bartholomew	Johnson	Marion	Morgan
Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees (2017) ¹⁷	5,006	4,787	4,480	5,110	3,762
Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening (2017) ¹⁸	42%	41%	44%	41%	42%
Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccinations (2017) ¹⁹	49%	55%	54%	49%	52%
State Ranking: Social & Economic Factors		17	10	92	48
Percentage of ninth-grade cohort that graduates in four years (2016-17) ²⁰	89%	91%	92%	85%	88%
Percentage of adults ages 25-44 with some post-secondary education (2014-18) ²¹	63%	67%	70%	62%	56%
Residents age 25+ with a B.A. or higher degree (2015-19) ²²	26%	34%	32%	31%	17%
Households with a computer (2015-19) ²³	89%	89%	92%	87%	90%

¹⁷ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/5/data>

¹⁸ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/50/data>

¹⁹ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/155/data>

²⁰ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/21/data>

²¹ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/69/data>

²² <https://www.census.gov/quickfacts/fact/table>

²³ *ibid*

	State	Bartholomew	Johnson	Marion	Morgan
Households with broadband internet subscription (2015-19) ²⁴	80%	81%	86%	79%	82%
Median household income (2019) ²⁵	\$56,303	\$63,431	\$68,712	\$48,316	\$64,335
Percent population living in poverty (2019 data) ²⁶	12%	11%	6%	15%	9%
Percentage of people under age 18 Poverty (2018) ²⁷	18%	13%	10%	25%	15%
Unemployment Rate (June 2021 not seasonally adjusted) ²⁸	4.7%	3.7%	3.5%	5.6%	3.7%
Income Inequality - Ratio of household income at the 80 th percentile to income at the 20 th percentile (2014-18) ²⁹	4.4	4.2	3.8	4.8	3.6
Children in a single-parent household (2014-18) ³⁰	34%	32%	29%	47%	29%
Membership associations per 10,000 population (2017) ³¹	12.3	85	136	1,100	69
Annual Average Violent Crimes (2014-16) ³²	385	78	421	11,459	n/a

²⁴ ibid

²⁵ ibid

²⁶ ibid

²⁷ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/24/data>

²⁸ https://www.hoosierdata.in.gov/dpage.asp?id=32&view_number=2&menu_level=&panel_number=2

²⁹ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/44/data>

³⁰ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/82/data>

³¹ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/140/data>

³² <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/43/data>

	State	Bartholomew	Johnson	Marion	Morgan
Deaths due to suicide per 100,000 population (2014-18) ³³	15	62	102	704	65
Number of deaths due to injury per 100,000 population (2014-18) ³⁴	77	72	58	94	90
State Ranking: Physical Environment		71	73	88	66
Average daily density of fine particulate matter in micrograms per cubic meter (2014) ³⁵	11.8	11.2	12.1	12.8	11.8
Indicator of the presence of health-related drinking water violations (2018) ³⁶	n/a	Yes	No	No	No
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities. (2012-16) ³⁷	13%	12%	12%	18%	11%
Percentage of the workforce that drives alone to work (2014-18) ³⁸	83%	84%	86%	83%	85%
Percentage of workers who commute alone who commute more than 30 minutes (2014-18) ³⁹	31%	19%	42%	29%	51%

³³ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/161/data>

³⁴ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/135/data>

³⁵ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/125/data>

³⁶ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/124/data>


³⁷ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/136/data>

³⁸ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/67/data>

³⁹ <https://www.countyhealthrankings.org/app/indiana/2020/measure/factors/137/data>

	State	Bartholomew	Johnson	Marion	Morgan
Mean travel time to work in minutes (2015-19) ⁴⁰	23.8	19.7	26.9	23.7	29.1

⁴⁰ <https://www.census.gov/quickfacts/fact/table>



Looking at the statistics in the chart, all counties except for Marion County rank well in the state and would rank considerably higher except for the Physical Environment factor. The most striking statistic here is the long, solo commute.

While the counties rank well in the state, we must also consider the state's overall ranking. According to the *United Health Foundation's America's Health Ranking 2019 annual report*⁴¹ Indiana ranked 41st out of the 50 states. In 2016, Indiana ranked 39th. 2020 overall rankings are not available, but individual categories are available.⁴²

According to the 2020 report for the State of Indiana:

- Strengths
 - Low-income inequality
 - Low prevalence of severe housing problems
 - Low prevalence of excessive drinking
- Challenges
 - High premature death rate
 - High residential segregation
 - High prevalence of cigarette smoking
- Highlights
 - Positive Trends
 - Between 2017 and 2019, the percentage of households **below the poverty level** decreased from 12.9% to 11.5%
 - Between 2011 and 2019 the percent of adults who **avoided care due to cost** decreased 17.5% to 12.6%
 - Between 2017 and 2019, the percentage of adults who **exercise** increased from 17.1% to 21.1%
 - Negative Trends

⁴¹ https://assets.americashealthrankings.org/app/uploads/ahr_2019annualreport.pdf, page 60

⁴² <https://assets.americashealthrankings.org/app/uploads/state-summaries-annual-20201.pdf>

- Between 2008 and 2018, the **number of years lost before age 75** per 100,000 population increased from 7,917 to 8,693
- Between 2016 and 2019, the percentage of **obese adults** increased from 32.5% to 35.3%
- Between 2011 and 2019, the percent of adults with **diabetes** increased from 10.2% to 12.4%

Further this report showed the State:

- Ranked poorly in the following **Social & Economic** Factors
 - Public Health Funding dollars
 - Food insecurity
 - Adverse childhood experiences
 - High speed internet
 - Residential segregation
 - Voter participation
- Ranked poorly in the following **Physical Environment** Factors
 - Air pollution
 - Non-smoking regulation
 - Risk-screening Environmental Indicator Score
- Ranked poorly in the following **Clinical Care** Factors
 - Providers (primary care, mental health, and dental)
 - Preventive clinical services (colorectal cancer screenings, dental visits, and immunizations)
 - Preventable hospitalizations
- Ranked poorly in the following **Behaviors** Factors
 - Sleep health
 - Exercise
 - Physical inactivity
 - High risk HIV behaviors

- Teen births
- Tobacco use
- Ranked poorly in the following **Health Outcomes** Factors

Context:

America’s Health Rankings (2019) provides the incidence / value on a variety of health behaviors, community & environment factors, health policy, clinical care and health outcomes for each state and then ranks these. The following measurements and factors were chosen as “ranked poorly in” if they fell in the bottom third of the state rank (31-50).

Measurement	2019 Value	2019 Rank #	1 State Value
Drug deaths (per 100,000 population)	23.7	3	7.2
Obesity (percent of adults)	34.1	35	22.9
Physical Inactivity (percent of adults)	27.4	42	16.4
Smoking (percent of adults)	21.1	47	9.0
Air Pollution (micrograms of fine particles per cubic meter)	8.4	43	4.4
occupational Fatalities (per 100,000 workers)	5.0	31	2.7
Immunizations (percent of children ages 19-35 months)	66.3	46	82.1
Public Health Funding (\$ per person)	\$53	47	\$281
Dentists (# per 100,000 population)	48.0	42	82.7
Mental health providers (# per 100,000 pop.)	160	42	626.6
Preventable hospitalizations (discharges Per 1,000 Medicare enrollees)	56.8	41	23.3
Primary Care Physicians (# per 100,000 pop.)	127.2	38	274.9
Cancer Deaths (deaths per 100,000 population)	209.5	41	149.8
Cardiovascular Deaths (deaths per 100,000 pop.)	282.6	37	193.8
Diabetes (percent of adults)	12.5	36	7.0
Frequent Mental Distress (percent of adults)	14.3	34	9.3
Frequent Physical Distress (percent of adults)	13.0	32	9.6
Infant Mortality (deaths per 1,000 live births)	7.4	43	3.8
Premature death (years lost before age 75 per 100,000 population)	8,995	39	5,665

Indiana counties are ordered by the health outcome 2020 ranking, with a top-ranked county (rank = 1) having the best health outcome score.



*Reference: countyhealthrankings.org/reports/state-reports/2020-indiana-report

Death Statistics

Johnson County Health Department

In 2018 there were 998 deaths in Johnson County; twenty-four of those were drug related and ranged from poly pharmaceutical, ethanol, methadone, opiate, and fentanyl overdoses. Sixty-five percent (68.5%) of all deaths can be attributed to four causes:

Cause of Death	Number	Percentage
Coronary artery disease	201	20.1%
Cancer/Carcinoma/Neoplasms	187	18.7%
Alzheimer's/dementia/senility	185	18.5%
COPD/respiratory/pulmonary embolism	112	11.2%

According to the Indiana Community Health Workers Association, in June 2018, the top 5 health disparities in Indiana were:

- Opioid Abuse
- Tobacco Use
- Infant Mortality
- Obesity
- Diabetes



Community Health Survey

Respondents were asked to provide their opinion on the severity of Health Issues, Public Health and Safety, Access, and Community Issues. The scale for each was:

- 5 = Definitely a problem
- 4 = Somewhat of a problem
- 3 = Neutral/I do not know
- 2 = Not a significant problem
- 1 = Definitely NOT a problem

Only issues which rated a 3.5 or higher in 2021 are included here. For the full results, see Appendix A.

Please indicate below how serious you think the following **Health issues** are in **your community (zip code)**.

Issue	2021 Score
Mental Health	4.60
Obesity/Overweight	4.51
Drugs	4.45
Diabetes	4.32
Tobacco/Smoking	4.23
Nutrition	4.17
Physical Activity	4.14
High Blood Pressure	4.01
Alcohol	3.98
Heart Disease and Stroke	3.88
Elderly Wellness	3.87
Cancer	3.86
Oral Health	3.57
Asthma	3.56

The community believes that the issues of mental health and substance abuse (drugs, alcohol, and tobacco / smoking) are significant problems. Additionally, issues around obesity / overweight, nutrition, and physical activity are problems, along with related conditions such as diabetes, high blood pressure and heart disease / stroke and cancer.

In 2017, the same 12 issues were identified problems as in the 2021 survey, although the scores were slightly different. In the 2017 survey, the top five issues (in order) were Drugs, Obesity / Overweight, Mental Health, Diabetes, and Physical Activity.

Please indicate below how serious you think the following **Public Health and Safety issues** are in **your community (zip code)**.

Issue	2021 Score	2017 Score
Child abuse	3.69	3.88

In both 2021 and 2017, child abuse was the only issue in this category rated above 3.5. It was scored higher in 2017 than in 2021.

Please indicate below how serious you think the following **Access issues** are in **your community (ZIP code)**.

Issue	2021 Score	2017 Score
Mental Health Services	4.35	n/a
Transportation	3.99	3.63
Affordability	3.97	n/a
Health insurance	3.96	4.0
Language barriers	3.76	3.34

For 2021, access to mental health services was clearly the most problematic issue in this category along with transportation affordability, and health insurance also being issues. Access to mental health services and affordability were not included as options in the

2017 survey. Transportation, language barriers and workforce development were ranked higher in 2021 than in 2017.

Please indicate below how serious you think the following **Community issues** are in **your community (ZIP code)**.

Issue	2021 Score	2017 Score
Access to public transportation	3.83	3.47

In both 2021 and 2017, access to public transportation was the only issue in this category rated near or above 3.5.



Data Analysis

See Appendix B for the 2020 CHNA Data Analysis Chart. In analyzing the data, we considered the following factors:

- 2013 Community Health Needs Assessment
- 2017 Community Health Needs Assessment
- 2020 Community Health Needs Assessment data, specifically the areas where both Indiana and pertinent counties rank poorly, according to the United Health Foundation's America's Health Ranking 2016 annual report)
- Community Survey results (2021 and 2018 comparison)



Priority of Community Needs

To establish the priority of community needs research was reviewed based on the following criteria:

- WHNs ability to impact the issues
- Availability of local resources to address the need
- Past involvement by WHN or the Partnership for a Healthier Johnson County
- Perceived importance placed on that category by the community served.

Through this process, the same four areas of health needs emerged in 2020 as dominant over all others as they did in 2017:

- Access to Care
 - The ratio of health care providers (primary care, mental health, and dentists)
 - Affordability
 - Transportation
 - Language barriers
- Cancer
 - Malignant neoplasms are the #1 cause of premature death
 - Cancer is the second leading cause of death of county residents
 - There are positive trends in new cancer cases, new colorectal cancer cases and deaths, new prostate cancer cases and deaths, and new lung cancer cases
 - Lung cancer deaths, new female breast cancer cases and deaths, and mammography screening are trending negatively
 - Rated at 3.92 (out of 5) on the Community Survey
- Mental Health and Substance Abuse / Tobacco
 - High number of poor mental health days per month

- Intentional self-harm is the #5 cause of premature death
- High prevalence of smoking
- Mental Health was rated as the most significant health issue in the Community Survey (4.61 out of 5). Drugs, tobacco / smoking and alcohol were also rated as significant issues
- Obesity / Diabetes / Nutrition / Physical Activity / Cardiovascular Disease
 - Coronary Artery Disease was the leading causes of death in 2018
 - Heart Disease indicators are trending positive; however, stroke deaths are trending negatively
 - While Adult Obesity is trending positively across the state, the incidence of adult obesity in Johnson County has increased 9% in the last three years
 - While county deaths from Diabetes have decreased, the number of adults with diabetes in the state has increased 23% since 2012
 - These issues were also rated as significant issues in the Community Survey

Based on this review, the interventions that would yield the greatest results and benefits for the community as a whole were determined to be:

- Education regarding, and access to mental health services, substance abuse prevention and treatment, and tobacco cessation
- Further expansion of outreach to address healthy nutrition, weight reduction, exercise
- Expanding access to primary care services for diabetes control, cardiovascular disease, and cancer

Review of Available Community Resources

Partnership for a Healthier Johnson County Resources




Partnership
for a Healthier
Johnson County

In 1997, WindRose Health Network became actively engaged in outreach and advocacy with the newly established Partnership for a Healthier Johnson County who met to share their vision for a healthier community. They envisioned the development of a coalition of health care providers and like-minded individuals that would be willing to help meet the health needs of Johnson County residents.

Following their thorough examination of a community health needs assessment, they identified more than 18 community health issues such as asthma education, safe sleep and breastfeeding for newborns, medical, dental and prescription services, healthy eating and reducing tobacco use.

The Partnership they formed began extensive community outreach efforts to educate and assist the community in addressing the identified health issues by forming Action Teams, developing strategies with the help of health care professionals and other community member volunteers, and increasing communication and awareness of health needs in the community.

Working through this collaboration with three competing healthcare providers in the community allowed the Partnership to evolve into a long-standing coalition capable of demonstrating how community health improvement can be achieved when key elements and support is in place. In 1997, Partnership was funded by tithing dollars from Johnson Memorial Health and additional financial support from Franciscan Health and Community Health Network. Partnership for a Healthier Johnson County has been recognized as one of the longest standing community coalitions in the state ever since.



For more than 20 years, Partnership has been able to build relationships with leaders and core entities within Johnson County. Some of the individuals and groups that have come forward to improve the community include the Indiana State and Johnson County Health Departments, state legislators and county commissioners, the city governments of Franklin and Greenwood as well as both cities' Chambers of Commerce, Franklin College, all six county school districts, substance abuse professionals, the Franklin and Greenwood Parks and Recreation Departments, concerned citizens and healthcare and human services providers. Hundreds of volunteers and dozens of businesses work with Partnership in the development and implementation of health initiatives.

Partnership also has an intimate relationship with the St. Thomas Clinic located in Whiteland, IN, which Partnership created in collaboration with St. Thomas Episcopal Church where it resides. This clinic is normally open Wednesdays and Saturdays (except during the pandemic) and serves low income and uninsured adults of Johnson County at no charge. It is staffed by more than 100 volunteers and JMH provides access to hospital services and testing to the clinic's patients.

Partnership also has a strong relationship with Windrose Health Network, which has expanded its services throughout Johnson and other counties. The strong relationship between Partnership and Windrose remains vital to the community outreach success of both entities.

Since 2016 Partnership's leadership has changed from being governed by a governance committee comprised of representatives of Johnson Memorial Health, Franciscan Alliance, Community Health Network, and Windrose to now being housed and overseen by Johnson Memorial Health staff and community volunteers.

Partnership's four Action Teams (Access to Care/Behavioral Health, Maternal & Child Health, Tobacco Free Johnson County and Wellness) work to continually identify health issues within the community and take action to address those issues as they arise.




Partnership's **Access to Care/Behavioral Health Team** focuses on:

- Prevention before treatment
- Closing gaps in services
- Maximizing resources
- Avoiding duplication

The teams 2018-20 goals and accomplishments are:


- Increase community and provider awareness of behavioral health resources
 - Held Fair 6/5/19
 - Attended Look Up IN training with Lutheran Foundation
 - Promoted directory to Johnson County Public Library and Johnson County Community Corrections
- Suicide awareness
 - Partnered with Coalition for awareness at Canary Creek. 5/09-5/11, 2019
 - Partnered with Suicide: The Ripple Effect viewing at Whiteland
 - Ongoing partnership with Johnson County Suicide Prevention Coalition
- Addiction disease, treatment, and recovery awareness
 - Began community conversations.
 - Tonier Cain of documentary "Healing Neen" spoke at the Symposium. Hold event in 2020 and add to 2020 goals and budget
- Become trauma-informed community
 - Promoted "resilience: The Biology of Stress & The Science of Hope
 - Promoted/Attended ACE event at Pike Performing Arts Center on 7/19/19



The **Maternal & Child Health Team** is composed of passionate individuals who have a common interest in improving the health and well-being of women, infants, children, and families. The team's objectives promote increased access to resources, provide education and connect individuals through networking and outreach events.

The team's 2018-20 accomplishments were:

- Sponsored Aunt Bertha community webinar and made community partners more aware of online resources
- Distributed community resource binders to community partners
- Distributed *Breastfeeding Friendly Establishment* decals to businesses in the community
- Maintained three additional car seat technicians in Johnson County
- Sponsored an Amazon Wish list diaper drive to help support Indy Diaper Source
- Help establish need for Safe Haven Infant box in Franklin, IN
- *Baby & Me Tobacco Free* program grant renewed through partnership and expanded with staff to increase physician referrals with additional funding partner Empower
- Currently planning a way to support the Angel Care House by fundraising events
- Supported networking of community partners which created relationships and resulted in more resources to those in need
- Would have supported two lactation stations at the county fair had it not been cancelled



Tobacco Free Johnson County 2018-20 goals and accomplishments were:

- Implement youth education, policy, evidence-based cessation programs.
 - Young Lungs and Smokebusters presented to more than 2,000 students.
 - Train-the-trainer certified for Catch My Breath; four ready to train
- Host Community Conversations on vaping in all county school districts free local resources
 - Completed at Franklin, Indian Creek, Edinburgh, and Center Grove
- Educate students and school communities about tobacco/vaping.
 - Produced original vaping flyer for Johnson County school nurses with symptoms of vaping and where to get help.
 - Promoted Instagram videos of students during the Great American Smoke-out.
- Create county-wide educational video on vaping that would include local school administrators, coaches, parents, students, health experts, etc.
 - MDWise identified as potential sponsor
- Limit youth access and exposure to tobacco products in the retail setting.
 - 60 tobacco retail stores will be audited for youth and disparate population targeting in February 2020
- Increase proportion of Johnson County residents not exposed to 2nd hand smoke (policy). Edinburgh will pass a comprehensive smoking ordinance
 - Edinburgh officials identified as champions
- Equip one market rate and one subsidized housing property to establish smoke-free housing units
 - No progress reported
- Decrease the Johnson County pregnancy smoking rate.
 - 2017 Rate Projected Rate - reduce from 12.5% to 10.5%

- Decrease adult smoking rates by training providers on Ask-Advise-Refer and installing electronic Quitline referral systems for ease of referrals
 - 12/3/19: JMH, Cerner, and Optum are currently working on set up of electronic referral with target launch in Jan. 2020 during height of traditional quit attempts
- Reach disparate populations showing higher smoking rates with education, resources, and support to quit
 - Provided a Train-the-Trainer for the Breathe curriculum for 7 Head Start Centers in 6 counties, including Franklin and Greenwood classroom teachers

The **Wellness Team** focuses on physical activity, healthy weight, and nutrition. 2018-20 goals and accomplishments include:

- Make healthy choice easy choice in Johnson County, Local Food Council Development
 - Supported Needham / Webb elementary school garden in cooperation with Michelle's Little Food Pantry
 - Local food council development - # of members 50. The local food council website launched
- Increase awareness of physical activity opportunities for Johnson County residents
 - Continue Youth and Adolescent Physical Activity grant implementation providing GoNoodle Plus subscriptions in 8 elementary schools
 - Painted a walking path on the midway on the Johnson County fairgrounds using a stencil with the new PHJC logo and distance on the 1/3-mile loop that is currently used by the homemaker's walking club and members of the public. The logo is on the trail 5 times
 - Secured \$1,000 grant from Johnson County REMC to support the Pedals of Joy project for 2020

- Partner with Aspire Johnson County teams
 - Wellness team members served on various Aspire JC teams. Johnson County trails plan was approved by the commissioners

Bartholomew Healthy Communities Resources

The Healthy Communities Initiative has the goal of improving the health and quality of life of all residents of Bartholomew County. A collective effort from its launch, Healthy Communities has flourished to reflect the full spectrum of the community involving Columbus Regional Health, schools, businesses, local government, churches, healthcare organizations, and others working together to deal with identified health needs. Healthy Communities Initiative is proud to be a two-time national finalist for the Foster G. McGaw Prize, one of the healthcare field's most prestigious honors for excellence in community service.

Guiding Principles

- Collaboration
- Community Ownership
- Inclusive/ Broad Based
- Benchmark & Measure Outcomes
- Long Term Commitment
- Continuous Learning
- Positive Motivation

Action Teams

The Healthy Communities Initiative is working to make a difference in the health of Bartholomew County through the work of our action teams. The driving force behind these groups is a commitment to a vision of Bartholomew County as a healthy community where each member is valued and shares in the responsibility of making a difference.

- [Healthy Communities Breastfeeding Coalition](#)
- [Caring Parents](#)
- [Community Medication Assistance](#)
- [Healthy Lifestyles](#)
- [Mental Health and Substance Abuse](#)
- [Tobacco Awareness](#)
- [ASAP Prevention Team](#)
- [Infant Mortality Prevention Action Team \(IMPACT\)](#)

Arthur R. Baxter YMCA Resources

The Arthur R. Baxter YMCA is a non-profit organization that has been bringing about positive change to south-central Indiana for half a century. As a part of the YMCA of Greater Indianapolis and the YMCA of the USA, the Baxter YMCA is a driving force behind the Y's mission to put Christian principles into practice through programs that build healthy spirit, mind, and body for all.

Located on 19 acres in Perry Township, the facility offers a 13,500 square-foot wellness area complete with cardio equipment, free weights, machines, wellness advisors, fitness classes, and personalized training programs. The aquatics area has an 8-lane, 50-meter outdoor pool with a double flume slide and zero depth entry wading pool, as well an indoor lap pool open year-round. Swim lessons, water fitness classes, and even synchronized swimming take place year-round. The location also includes outdoor fields and two gymnasiums.

Additional member benefits include discounts for YMCA programs and events. The Baxter YMCA hosts early education classes, youth and adult sports, teen programs, and activities for senior citizens. These programs and more are available to both YMCA members and guests. Program costs and membership fees are based on income level

thanks to generous donations made to the YMCA Annual Campaign. No one is turned away regardless of ability to pay.

WHN collaborates with the YMCA to offer patients two weeks free membership with full access to the facility and its equipment. WHN also sponsors two patients for a free 6-month membership with a personal guide to assist in establishing an exercise program.

Empower Johnson County Resources

Empower Johnson County is a group of dedicated volunteers who seek to support community-level change related to youth substance use. Their priority focus is on alcohol, tobacco, and other drug use as it pertains to youth aged 18 and under. Their mission is to reduce and prevent youth substance abuse through advocacy, education, and enforcement.

The group is comprised of members who work and or live in Johnson County, Indiana that want to make it a safer and healthier community by providing substance free youth activities and outreach/education/training events to parent and community members. WHN has been an active member and participant since 2020.

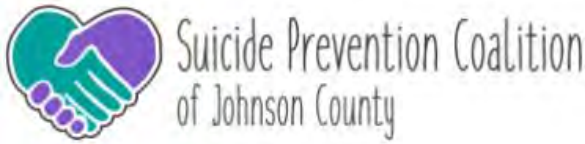
Bethany Community Gardens



The Bethany Community Garden was created in 2018 with a vision to Build Community through Gardening Together. A key method of having healthy food available, including culturally appropriate food grown and harvested on their 50 bed plots. The gardens are supported by volunteers and local financial supporters of Bethany Lutheran Church located on the southside of Indianapolis, Indiana.

The group won first place for National Neighborhood Community Organization in 2020 and grew more than 5,000 pounds in produce in 2021. All produce is given to area residents and volunteers of the garden, including food pantries, at no cost. Their mission is to build community through gardening together and at home. Various gardening classes are offered at no cost to participants throughout the year by Master Gardeners affiliated with Purdue Extension.

Johnson County Suicide Prevention Coalition



The Suicide Prevention Coalition of Johnson County is working to prevent suicide by mobilizing the community through education and use of resources to increase awareness and decrease stigma.

The collaborative was formed in 2019 with the mission to prevent suicide by mobilizing the community through education and resources to increase awareness and decrease stigma. Coalition members include representatives from behavioral health organizations, survivors of suicide loss, government organizations, education, higher education institutions, medical groups, and others passionate about suicide prevention. WHN has been an active member and participant of the coalition since 2020 providing free QPR Suicide Prevention seminars to the community.

Aunt Bertha - Findhelp.org

Findhelp's social care technology was built by people who understand the challenges individuals facing social determinants of health face. From working in the fields of social work, education, and healthcare, having sought help themselves, their unique viewpoints drive compassion for the larger community. Over the course of 11 years, they have built the nation's leading social care network with a clear focus on its mission – to connect people to the help they need with dignity and ease.

The free social platform can be accessed at no cost by anyone by simply visiting findhelp.org. An individual will have access to 10 care categories with no less than 1,200 free or reduced cost resources. The organization provides an expansive network in every community that meets the social needs of those who are struggling. WHN formally entered a referral partnership with the organization in 2021 to refer patients in need of assistance to community-based organizations that can assist.

Community Health Needs Assessment Targets

Focus areas:

- Access to Care
- Cancer
- Mental Health and Substance Abuse / Tobacco
- Obesity / Diabetes / Nutrition / Physical Activity / Cardiovascular Disease



Appendices

Appendix A - Community Health Needs Assessment Responses

Number of Persons Invited to Participate (JMH and Windrose constituents) = 466

Emails Bounced Back = 21

Net Persons Invited to Participate = 445

Overall # Completing Survey = 141

Overall Response Rate = 31.7%

- The questions in this survey pertain to the primary service areas for Johnson Memorial Health and Windrose Health Centers (Johnson County, southern Marion County and northern Bartholomew County). Please indicate if your residence, place of work, or both are located within the service areas.

Response	Number	Percent
Residence	15	11%
Workplace	42	30%
Both	83	59%

- In what ZIP Code for the location marked in Question 1?

Response	Number	Percent
46106 - Bargersville	5	4%
46107 - Beech Grove	1	1%
46124 - Edinburgh	9	6%
46131 - Franklin	31	22%
46142 - Greenwood	12	9%
46143 - Greenwood	23	16%
46160 - Morgantown	1	1%
46164 - Nineveh	2	1%
46181 - Trafalgar	11	8%
46184 - New / Whiteland	3	2%
46217 - Indianapolis	1	1%
46227 - Indianapolis	22	16%
46229 - Indianapolis	1	1%
47201 - Columbus	1	1%
47203 - Columbus	3	2%
47232 - Elizabethtown	1	1%
47246 - Hope	6	4%
Listed multiple	8	6%

3. Indicate the answer which best describes your race.

Response	Number	Percent
White	125	88%
Black or African American	4	3%
Hispanic or Latino	3	2%
Asian	8	6%
American Indian or Alaskan Native	0	0%
Native Hawaiian or other Pacific Islander	0	0%
Multiracial	0	0%
Other	1	1%

4. Please indicate which category below includes your age:

Response	Number	Percent
17 or younger	0	0%
18-24	5	4%
25-39	31	22%
40-54	48	34%
55-64	30	21%
65 or older	27	19%

5. Please tell us your primary affiliation.

Response	Number	Percent
Board of Trustees	3	2%
Physician	13	9%
Employee	65	46%
Person with special knowledge of or expertise in public health	16	11%
Representative of a federal, regional, state or local health department	3	2%
Representative of a social or human services agency	5	4%
Community leader or representative	19	14%
Other community member	2	1%
Health care consumer	5	4%
Member or representative of a medically underserved, low income or minority population	0	0%
Other (please specify)	10	7%

- Medical assistant
- Physician Assistant
- school counselor

- Health care representative for a school corporation
- Clerk-Treasurer of Bargersville
- Town Employee
- CFO Rape Crisis Center
- County Council
- Tobacco Committee

6. Health

Please indicate below how serious you think the following **Health issues** are in **your community (ZIP code)**.

5 = Definitely a Problem

4 = Somewhat of a problem

3 = Neutral/I do not know

2 = Not a significant problem

1 = Definitely NOT a problem

Alcohol	3.98
Arthritis	3.46
Asthma	3.56
Cancer	3.86
Diabetes	4.32
Drugs	4.45
Elderly Wellness	3.87
Family Planning	3.34
Heart Disease and Stroke	3.88
High Blood Pressure	4.01
HIV/AIDs	2.79
Mental Health	4.60
Nutrition	4.17
Obesity/Overweight	4.51
Oral Health	3.57
Physical Activity	4.14
Pregnancy and Birth	3.27
Sexually Transmitted Disease	3.33
Tobacco/Smoking	4.23

Other (please specify)

- Mental Health would be at the top of my list as a serious problem that needs addressed and a sustainable resolve to this problem
- Domestic Violence and Burmese Youth Gangs
- Sexual Assault
- Lack of sufficient resources for mental health, drugs, alcohol

7. Public Health and Safety

Please indicate below how serious you think the following **Public Health and Safety issues** are in **your community (ZIP code)**.

5 = Definitely a Problem

4 = Somewhat of a problem

3 = Neutral/I do not know

2 = Not a significant problem

1 = Definitely NOT a problem

Child abuse	3.69
Drinking Water	2.93
Fire, police and emergency protection	2.32
Food Safety	2.58
Gun Safety	3.08
Hazardous Materials	2.74
Hazardous Waste	2.76
Healthy Homes	3.23
Lead Poisoning	2.67
Personal Safety	3.00
Radon Control	2.64
Traffic Safety	2.93
Violent Crimes	3.05
Other (Please specify)	

8. Access

Please indicate below how serious you think the following **Access issues** are in **your community (ZIP code)**.

5 = Definitely a Problem

4 = Somewhat of a problem

3 = Neutral/I do not know

2 = Not a significant problem

1 = Definitely NOT a problem

Access to primary health services	3.34
Affordability	3.97
Availability of a physician / health care provider	3.36
Health insurance	3.96
Language barriers	3.76
Mental Health Services	4.35
Transportation	3.99
Workforce Development	3.47
Other	
• Attainable housing	

9. Community

Please indicate below how serious you think the following **Community issues** are in **your community (ZIP code)**.

5 = Definitely a Problem

4 = Somewhat of a problem

3 = Neutral/I do not know


2 = Not a significant problem

1 = Definitely NOT a problem

Access to public transportation	3.83
After school youth programs	3.39
Civic centers and/or churches	2.62
Farmers markets	2.48
Parks & recreational facilities	2.34
Senior outreach programs	3.21
Other (Please specify)	

10. Additional Comments

- We could use more safe activities for children and teens. Transportation is an issue for a lot of people here in Edinburgh. Park and Rec. here in town does offer activities here in Edinburgh but increases in that is always good. They are working on getting a gymnasium built here and that would be great for all ages. We do have our own farmers market this summer and into the fall.
- Bartersville is a small community and does not have enough for children and seniors to do. NO place to go.
- Generally speaking, we do have a drug problem as do other areas. Obesity is another issue that will need to be addressed which would bring full circle to mental health being the root cause for the problems our community is facing. I am not a professional in this field, but we have a good core of individuals that I would like to seriously address this issue. Hopefully whoever is collecting this data can steer the ship in this direction and get serious about these issues.
- There is a serious need for support for forensic examinations in Johnson County.
- Domestic Violence is an issue. Noise/noise pollution in general is an issue in Greenwood neighborhoods. It makes it hard for those with young kids.
- Helping the homeless, coordinating the work of the various food banks, access to substance use disorder/addiction services - - especially halfway houses, access to ALL mental health services (especially psychiatry), affordability of health insurance, are all CRITICAL issues that either not addressed, or partially addressed.
- I would like to see the results of this survey as I am trained in Needs Assessments (MD/MPH)
- Access to affordable dental services is a huge barrier in our Service Area.

- 
- Access to behavioral health services, especially post-COVID, is our most pressing health need.
 - Johnson County, a great place to live and work
 - Access to medical and mental health care certainly needs improvement but the biggest issues in Johnson and Bartholomew County are substance abuse and access to safe and affordable housing.
 - Denial of Substance Use Disorder and the amount of stigma related to it that happens in Johnson County as a whole is amazing. I wish we would break stigma in Johnson County. Lots of people need to be and feel supported.
 - Affordable, locally accessible childcare is an issue.

Appendix B - 2020 CHNA Data Analysis Chart

Indiana ranks 41st of the 50 states in health measurements according to America's Health Rankings.

Trend: Positive / Negative

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
Access to Care		# of Mental Health Providers / population	Access to mental health services, Affordability, Health insurance, Transportation, Language Barriers	91% of adults and 94% of children are insured	Low ratio of mental health providers In the past two years, mental health providers increased 11% from 144.2 to 160.0 per 100,000 population	# of uninsured residents Ratio of primary care physicians per population	
Cancer		#4 in 2016 Health Ranking Annual Report Colorectal Cancer Incidence Rate Age Adjusted Death rate due to	Cancer , along with associated issues of obesity / overweight , tobacco / smoking and nutrition	Malignant neoplasms - 84.9 per 100,000 population (#1 cause of premature death)		New Cancer Cases, Colorectal New Cases and Deaths, New Lung Cancer Cases, New Prostate Cancer Cases and	Cancer / carcinoma / neoplasms were the #2 cause of death in 2018, accounting for 18/7% of all deaths

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		Lung Cancer Lung and Bronchus Cancer Incident Rate Cancer - Medicare Population				Deaths (all per 100K) Lung Cancer Deaths, New Female Breast Cancer Cases and Deaths (all per 100K) and Mammography screening	
Cardiovascular Disease		#12 in 2016 Health Ranking Annual Report Atrial Fibrillation - Medicare Population Heart Failure -	Obesity / overweight, tobacco / smoking, nutrition, physical activity, high blood pressure, heart disease and stroke	Diseases of the heart - 64.7 per 100,000 population (#2 cause of premature death)		Heart Disease: Hospitalizations per 10K, Deaths per 100K Stroke: Hospitalizations per 10K Deaths per 100K	Coronary artery disease was the #1 cause of death in 2018, accounting for 20% of all deaths

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		Medicare Population Hyperlipidemia - Medicare Population					
Children's Social Environment		Child Abuse Rate	Child abuse			Children in Poverty Children eligible for free lunch	
Diabetes	Impact of diabetes on overall health and wellness	#10 in 2016 Health Ranking Annual Report	Diabetes, along with related issues such as obesity / overweight, and physical activity		Since 2012, diabetes increased 23% from 10.2% to 12.5% of adults	Diabetes Deaths per 100K Adults with Diabetes	
Maternal and Child Health	Prenatal care and infant wellness	Infant Mortality - #5 in 2016 Health Rankings		7% of births are low birthweight	High meningococcal immunization coverage among adolescents	Infants with recommended immunizations	

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		Annual Report			Low immunization coverage among children	Newborns with low birth weight Premature births Births with prenatal care in first trimester	
Mental Health		Frequent Mental Distress - #13 in 2016 Health Ranking Annual Report Age-Adjusted Hospitalization Rate due to Adolescent Suicide and Intentional Self-	Mental health, drugs, tobacco / smoking and alcohol	Intentional self-harm - 14 per 100,000 population (#5 cause of premature death) 4.4 poor mental health days in the last 30 days		Number of Poor Mental Health Days per month	

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		<p>inflicted Injury</p> <p>Age-Adjusted Hospitalization Rate due to Pediatric Mental Health</p> <p>Age-Adjusted Hospitalization Rate due to Suicide and Intentional Self-inflicted Injury</p> <p>Social Associations</p>					
Nutrition		Accept SNAP at farmer's markets,	Nutrition, physical activity				

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		Promote healthier concession offerings Nutrition = 4.07 in Community Survey					
Obesity	Chronic obesity and the long-term effects of being overweight	Obesity - #14 in 2016 Health Ranking Annual Report	Obesity / overweight along with diabetes, nutrition, physical activity and high blood pressure	31% rate of adult obesity - trending negative	In the past three years, obesity increased 9% from 31.3% to 34.1% of adults	Adult Obesity	
Other Diseases / Issues		Age-Adjusted Death Rate due to Kidney Disease Chronic Kidney Disease -	Elderly wellness			Adults Reporting Poor or Fair Health Number of Poor Physical Health Days per month	Alzheimer's / Dementia / Senility was the #3 cause of death in 2018, accounting for 18.5% of all deaths

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		Medicare Population Osteoporosis - Medicare Population Rheumatoid Arthritis or Osteoarthritis - Medicare Population				Populations per one local health department staff member Alzheimer's: Deaths per 100K Arthritis: Hospitalizations per 10K Kidney Disease: Deaths per 100K Sexually Transmitted Disease: Chlamydia Cases per 100K, Existing HIV Cases per 100K	

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
Physical Activity		#15 in 2016 Health Ranking Annual Report	Physical activity, along with obesity / overweight	80% have access to exercise opportunities		Adults Reporting Physical Inactivity	
Physical Environment		Air Pollution - #2 in 2016 Health Ranking Annual Report Mean Travel to Work (in minutes) Solo Drivers with Long Commute Toxic Chemicals / PBT Released Recognized Carcinogens		Accidents - 22.3 per 100,000 population (#3 cause of premature death) Violent crime is trending negative Ranked 73 rd in state for physical environment			

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		ns Released into Air					
Respiratory Diseases	Pulmonary Disease	Age-adjusted Death Rate due to Chronic Lower Respiratory Disease		Chronic lower respiratory diseases - 15.4 per 100,000 population (#4 cause of premature death)		Asthma: Emergency Department visits per 10K, Hospitalizations per 10K, Chronic Lower Respiratory Disease Deaths per 100K Child Emergency Department Visits per 10K	COPD / Respiratory / Pulmonary embolism was the #4 cause of death in 2018, accounting for 11.2% of all deaths
Substance Abuse		Drug Deaths - #17 in 2016 Health Ranking	Drugs, tobacco / smoking, alcohol, along with mental health		Low prevalence of excessive drinking High prevalence of smoking Since 2007, drug deaths increased	Adults Reporting Excessive Drinking Adults who smoke	

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		Annual Report Age-Adjusted Hospitalization Rate due to Alcohol Abuse Age-adjusted Hospitalization Rate due to Substance Abuse			176% from 8.6 to 23.7 deaths per 100,000 population Since 2012, smoking decreased 18% from 25.6% to 21.1% of adults	Births where mother smoked during pregnancy	
Tobacco	Tobacco use and related incidents of cancer	#1 in 2016 Health Ranking Annual Report Mothers Who Smoked During Pregnancy	Tobacco / smoking	18% adult smoking rate			

	2013 CHNA	2017 CHNA	Community Survey: 2021 / 2017 Comparison	Robert Wood Johnson County Health Rankings	United Health Foundation Health Ranking (State of Indiana)	Indiana Indicators Dashboard	Johnson County Health Department Death Records
		Adults who smoke					