

# MEMORIAL HOSPITAL

And Health Care Center

800 West 9th Street ▲ Jasper, IN 47546 ▲ 812/996-2345

[www.mhcc.org](http://www.mhcc.org)

# 2023

## COMMUNITY HEALTH NEEDS ASSESSMENT



# Table of Contents

Introduction	
Purpose	2
Objectives	2
About Memorial Hospital and Health Care Center	3
Services at Memorial Hospital and Health Care Center	4
Community Input	5
Focus Groups	5
Advisory Councils	5
CHNA Process	6
Evaluation of Progress: 2020 CHNA	6
Executive Summary: 2023 CHNA	8
Service Area	8
Defining the Service Area	8
Demographic Profile	10
Social Determinants of Health	15
Clinical Care and Prevention	21
Health Behaviors	27
Health Outcomes	29
Community Needs/Input	35
Appendix A: Primary Service Area Zip Codes	36
Appendix B: Acronyms	37
Appendix C: Listing of Memorial Hospital and Health Care Center Clinics	38
Appendix D: Listing of MHHCC: Primary Care Clinics Accepting New Patients	39
Appendix E: References	41

# Introduction

## PURPOSE

The Community Health Needs Assessment (CHNA) serves as evidence of Memorial Hospital and Health Care Center's commitment to identify, prioritize, improve and support the health needs of Dubois, Martin, Pike, and Spencer County residents. The priorities identified in this report help to guide the hospital's community health improvement programs and community benefit activities, as well as its collaborative efforts with other organizations that share a mission to improve health. This CHNA report meets requirements of the Patient Protection and Affordable Care Act that nonprofit hospitals conduct a CHNA at least once every three years.

Section 501(r)(3)(A) requires a hospital organization to conduct a community health needs assessment (CHNA) every three years and to adopt an implementation strategy to meet the community health needs identified through the CHNA.

Section 501(r)(3)(B) provides that the CHNA must:

- Take into account input from persons who represent the broad interests of the community served by the hospital facility, including those with special knowledge of or expertise in public health, and
- Be made widely available to the public.

Source: irs.gov

## OBJECTIVES

This Community Health Needs Assessment provides information so concerns are identified and resources can be allotted to those areas, thereby making the greatest possible impact on the local health status. This Community Health Needs Assessment has four basic objectives:

1. Develop a comprehensive profile of the demographics, health status, and environmental standing of Dubois, Martin, Pike, and Spencer County residents with a goal to improve resident's health status- both physical and mental- and elevate overall quality of life.
2. Identify the health disparities and health needs as well as identify populations that are at-risk for various diseases and injuries. Determine interventions to address factors that have historically negatively impacted residents' health.
3. Discuss and strategize a plan of action to increase accessibility to healthcare services for all residents. Providing access to care will prove beneficial in improving health status and quality of life.
4. Implement changes and/or programs to help support the health care needs, as well as make continuous improvements to lead our communities to better health. Analyze and prioritize health needs on a local level. Encourage local resources to work together to assure the improvement of health care in the future.

# MEMORIAL HOSPITAL AND HEALTH CARE CENTER



## MISSION STATEMENT

Christ's healing mission of compassion empowers us to be for others through quality and excellence.

## VISION STATEMENT

We are committed to being the preferred health and wellness provider; transforming lives through faith-based, compassionate care.

## CORE VALUES

Respect for Human Dignity • Compassionate Caring • Stewardship • Quality • Justice

At the time of its opening in 1951, Memorial Hospital and Health Care Center was hailed as one of the finest general hospitals in Indiana. While the facility has continued to grow and change through the years, its purpose has not.

Sponsored by the Little Company of Mary-USA, Memorial Hospital's mission and vision remain centered around the Catholic faith. For over 70 years, caregivers at Memorial Hospital and Health Care Center have worked to provide the local area with faith-based, compassionate health care services. Based in Jasper, Memorial Hospital has grown to include more than 30 specialties with approximately 250 physicians and advanced practice providers in over 30 health care offices in seven counties. Memorial Hospital employs more than 1,800 caregivers and provides medical care for approximately 6,000 inpatients, 250,000 outpatients, and 27,000 emergency department visits annually. More than 700 babies are born at Memorial Hospital each year.

Memorial Hospital and Health Care Center has been recognized with the 2018 Malcolm Baldrige National Quality Award, a presidential award for excellence, as well as, Magnet recognition on April 23, 2020, the nation's highest honor of nursing excellence.

## SERVICES

The hospital features three areas: the Barrett Building, which is the original hospital, the Mary Potter Pavilion, and the newest section, the seven-level LCM Tower. These areas are home to:

Ambulance Services	Pastoral Care
Behavioral Health Services	Pathology
Critical Care Services	Pediatric Services
Emergency Department	Phillip R. Dawkins Heart & Vascular Center
Endoscopy Services	Post-Surgical Services
Hospitalist Services	Radiology Services
Inpatient Rehab Center	Skilled Caring Center
Laboratory Services	Surgical Services
Lange-Fuhs Cancer Center	Telemedicine Services
Orthopaedic Center of Excellence	Trauma Services
Outpatient Center	Women and Infant Services
Medical Services	Women's Center

While based in Jasper, Indiana, Memorial Hospital has expanded to include clinics throughout Dubois and surrounding counties including Daviess, Martin, Orange, Perry, Pike and Spencer. These clinics have allowed for more accessibility to health care services in rural areas. Additional services available at Memorial Hospital clinic locations or outpatient locations include:

Audiology	Orthopaedics
Cardiac Rehab	Outpatient Surgery
Cardiology	Outpatient Surgery Center
Dermatology	Palliative Care
Diabetes Management and Prevention	Parish/Faith Community Nursing
Ear, Nose and Throat	Pediatrics Services
Endocrinology	Pediatric Cardiology
Food and Nutrition Services	Perinatal Services
Health and Wellness Services	Primary Care Services
Home Care	Pulmonology
Home Medical Equipment	Rehabilitation Services
Industrial Medicine	Respiratory Home Care
IU Family Medicine Residency Program	Sleep Center
Lab and X-ray Services	Urgent Care
Mary Potter Medication Resource Center	Urology
Mental Health Counseling	Worksite Wellness
Nephrology	Wound Care
Neurology	

## COMMUNITY INPUT

- Focus Groups:**

Organized focus groups were scheduled from July to September with thirteen different groups. In total, there were 123 people that participated in the feedback, resulting in over 15 hours of valuable feedback and guidance. The attendees represented a broad array of groups from the PSA including:

Mayor of Jasper	Little Company of Mary Associates
Advanced Practice Providers	Memorial Hospital Auxiliary and Volunteers
ALASI	Memorial Hospital Caregiver Advisory Council
Best Home Furnishings	Memorial Hospital Directors
City Council	Meyer Distributing
City Council Members	Patoka Valley Health Care Cooperative
City of Jasper	Physicians
Clerk of the Courts	Prosecuting Attorney
Clerk Treasurer	Purdue Extension
County Council	River Centre
Dubois County Community Foundation	Ruxer Ford
Dubois County Emergency Management	Scenic Hills at the Monastery
Dubois County Health Department	Sheriff
Freedom Bank	Spencer County Emergency Management
German American	Spencer County Regional Chamber of Commerce
Indiana Furniture	Thermwood
Jasper Chamber of Commerce	Touch of Class
Jasper Police	Town of Ferdinand
Jasper-Dubois County Public Library	Tri-Cap
Kimball Electronics	Vincennes University Jasper Center
Kimball International	Wabash Valley Produce
LifeSprings Health System	Winkler, Inc.

- Advisory Councils:**

Advisory Councils were developed and implemented in 2014 as a way for MHHCC to stay connected with each county outside of Dubois County. It was identified there were several needs that were specific for each county. Members of the MHHCC management team are assigned to a county to continue the collaboration and to receive ongoing feedback on needs and where MHHCC is able to provide assistance. Participating in these councils are economic development directors, county health nurses, chamber of commerce leaders, educators, executives, pastors, EMS, law enforcement, business owners, other health care organization leaders, etc. With the ongoing Advisory Councils, we are able to provide quick solutions for each area. We will continue to gather feedback and needs and will work to address each county specifically in our PSA.

## CHNA PROCESS

Memorial Hospital and Health Care Center gathered community input and data by collecting data during quarterly advisory meetings, and by completing a SWOT analysis with thirteen focus groups, to complete this assessment. From the assessment, priorities have been outlined and an implementation plan will be shared internally, with other health care organizations, and with advisory councils. The continuity of communication with advisory councils will continue to address local health care needs specific to each county.

1. Collect relevant demographics, statistics, and health data.
2. Conduct quarterly advisory meetings and thirteen focus groups.
3. Organize and prioritize feedback.
4. Develop and implement a plan of action to address health care needs.
5. Share the Community Health Care Needs Assessment with county officials, area health care providers, community-based organizations, and the public via the Memorial Hospital and Health Care Center website.

## Evaluation of Progress: 2020 CHNA

Significant work and actions have been taken by Memorial Hospital and Health Care Center to address the key health issues since the last CHNA.

### ADDRESSING THE KEY HEALTH ISSUES

#### Access to Primary Care:

***Primary Care Providers*** - There is a stated shortage of primary care providers and noted unfavorable access to care in the communities we serve (Dubois, Martin, North Spencer, and Pike counties).

#### Strategic Initiatives:

- Re-deployed the providers who are accepting new patients in an advertising campaign.
- Recruited, developed, and trained residents in the Memorial Hospital Family Medicine Residency Program to meet the long-term needs of southwestern Indiana by “growing our own.”
- Deployed virtual health for primary care.
- Recruited physicians based on the Medical Staff Development Plan.
- Implemented MyChart, an electronic health record, to assist with access to care.

## **Access to Mental Health Services:**

### Strategic Initiatives:

- Participated in the HRSA grant in Martin County in partnership with Indiana University.
- Determined partners in the communities we serve to address mental health concerns specifically around substance abuse.

## **Opportunities regarding Women's Services related to Mammography:**

### Strategic Initiatives:

- Educated women on the importance of mammograms. We collaborated with area employers to ensure women in the communities we serve understood this service is typically paid at 100% due to wellness/preventative.

## **Educating the Community on Health Care Topics to address key mortality rates:**

### Strategic Initiatives:

- Completed outreach programming to educate the communities we serve on Cardiology, Oncology, Mammography, and Stroke.
- Achieved primary stroke certification.

## **COVID-19:**

*Although COVID-19 was not identified at the time as being a community need, MHHCC continued to work to meet the ongoing needs of the communities we serve due to the pandemic.*

### Strategic Initiatives:

- Implemented visitor restrictions.
- Adjusted entrances and exits into the hospital.
- Implemented visitor and staff screening.
- Developed a screening site at 695 West Second Street in Jasper for patients who did not require emergency department services, but who have symptoms of fever, cough, and respiratory congestion or shortness of breath. This site also provided testing for influenza A & B, strep throat, respiratory syncytial virus (RSV), and chest x-rays.
- Deployed education and updates regarding screening sites, testing, measures taken by MHHCC and recommendations for patients.
- Provided updates daily on the MHHCC website.
- Implemented telehealth solution to allow patients to continue to see providers.
- Worked with employers, health departments, and long-term care facilities.
- Transitioned the screening site and COVID-19 testing to MHHCC Urgent Care.
- Planned and opened a COVID-19 Drive-Thru in Jasper to test patients with a provider order.
- Added nine additional testing sites in medical offices outside of Jasper.

# Executive Summary: 2023 CHNA

As part of the 2023 CHNA process, MHHCC identified a listing of community needs. The identified needs fall into five initiatives for the assessment period and will be addressed on MHHCCs implementation plan.

## Local Health Priorities Identified

**Mental  
Health**

**Access to  
Healthcare**

**Diversity,  
Equity &  
Inclusion**

**Community  
Focused  
Healthcare  
Education**

**Transportation**

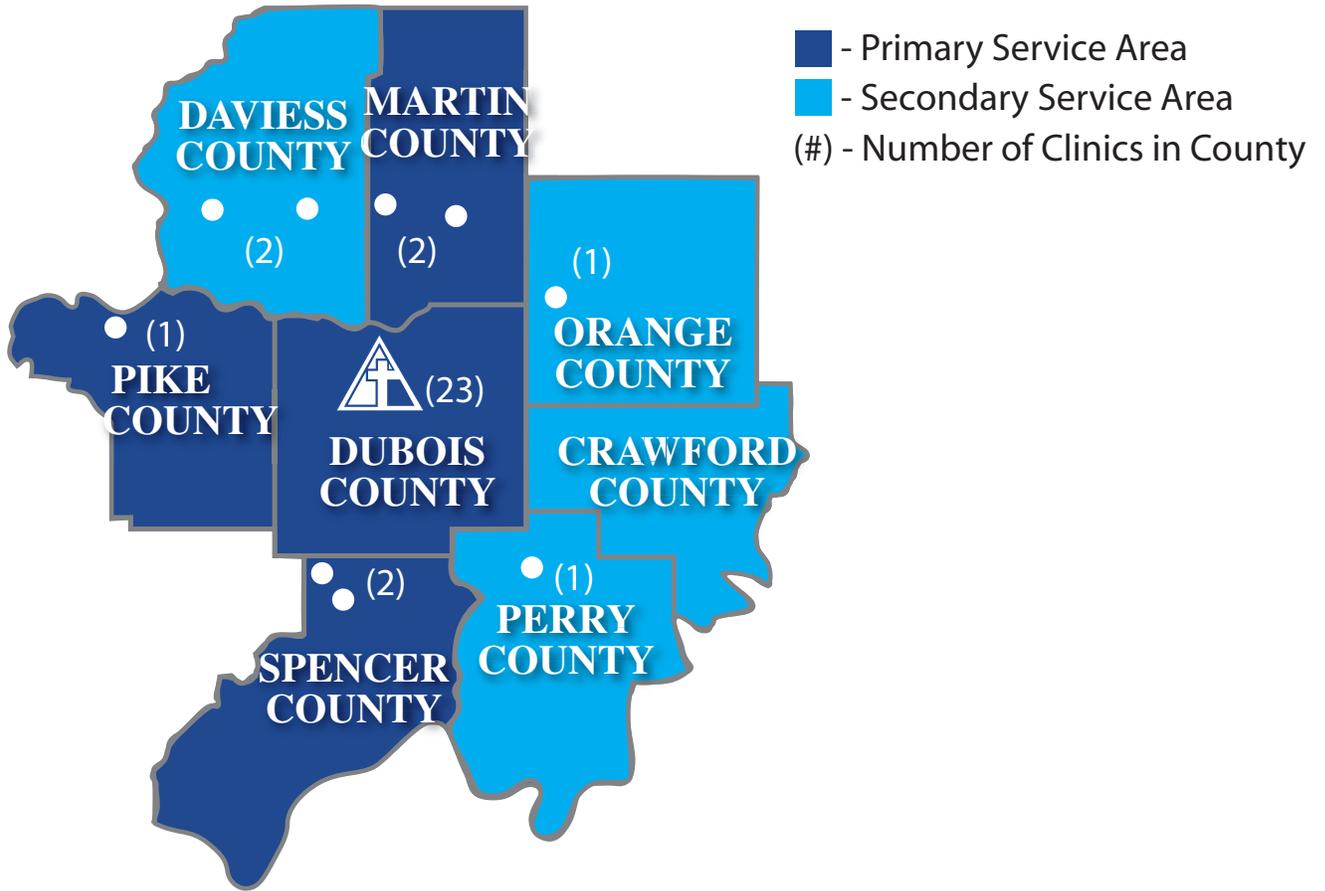
## Service Area

### DEFINING THE SERVICE AREA

The community assessed was defined by the geographic origins of our patient population. Our Primary Service Area (PSA) is defined by zip codes (Appendix A).

## DEFINING THE SERVICE AREA CONT.

Because most community health statistics and data are not available by zip codes, this assessment includes the geographic area of Dubois, Martin, Pike, and Spencer counties.



As shown on the graph below, Dubois County represents 53.92% of 2022 discharges at MHHCC, and the PSA made up 78.07% of MHHCC discharges in 2022 validating the reason to focus on the PSA in this assessment.

Discharge Area	County	2022 Discharges	% of Total
Primary Service Area	Dubois	2488	53.92%
	Pike	388	8.41%
	Spencer	278	6.03%
	Martin	448	9.71%
	Subtotal	3602	78.07%
Secondary Service Area	Daviess	313	6.78%
	Orange	339	7.35%
	Perry	103	2.23%
	Crawford	105	2.28%
	Subtotal	860	18.64%
All Other Areas	Subtotal	152	3.29%
Total Discharge Population		4614	100.00%

Source: IHA

## DEMOGRAPHIC PROFILE

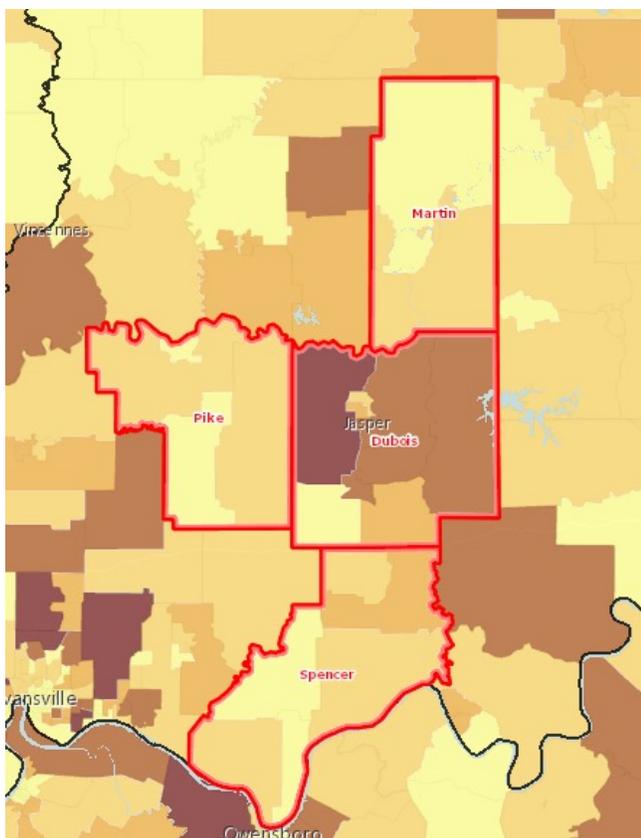
Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

### Total Population (Census 2020)

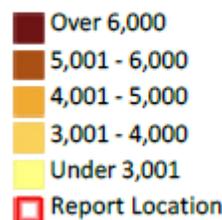
This indicator reports total population and the population density. Population density is defined as the number of persons per square mile of land area. Data are obtained from the Census 2020. A total of 85,509 people live in the 1,494.20 square mile report area defined for this assessment. The population density for this area, estimated at 57 persons per square mile, is less than the national average population density of 94 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Report Location	85,509	1,494.20	57
Dubois County, IN	43,637	427.26	102
Martin County, IN	9,812	335.76	29
Pike County, IN	12,250	334.30	37
Spencer County, IN	19,810	396.88	50
Indiana	6,785,528	35,825.83	189
United States	331,449,281	3,533,018.38	94

Data Source: US Census Bureau, Decennial Census, 2020. Source geography: Block



Total Population, Total by Tract, US Census Bureau 2020

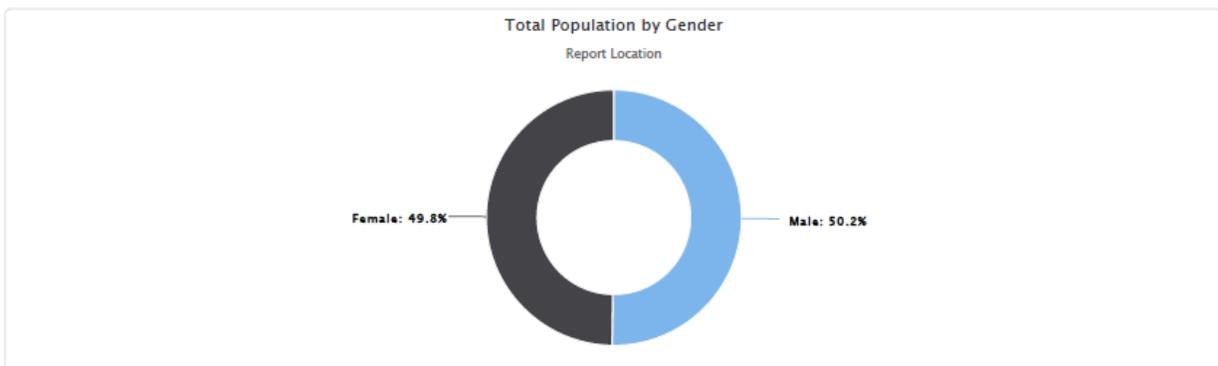


## Total Population by Gender

This indicator reports the total population of the report area by gender. The percentage values could be interpreted as, of all the population within the report area, the male population is 50.24%; the female population is 49.76%.

Report Area	Male	Female	Male, Percent	Female, Percent
Report Location	42,963	42,546	50.24%	49.76%
Dubois County, IN	21,729	21,908	49.79%	50.21%
Martin County, IN	5,012	4,800	51.08%	48.92%
Pike County, IN	6,182	6,068	50.47%	49.53%
Spencer County, IN	10,040	9,770	50.68%	49.32%
Indiana	3,344,660	3,440,868	49.29%	50.71%
United States	162,685,811	168,763,470	49.08%	50.92%

Data Source: US Census Bureau, Decennial Census, 2020.

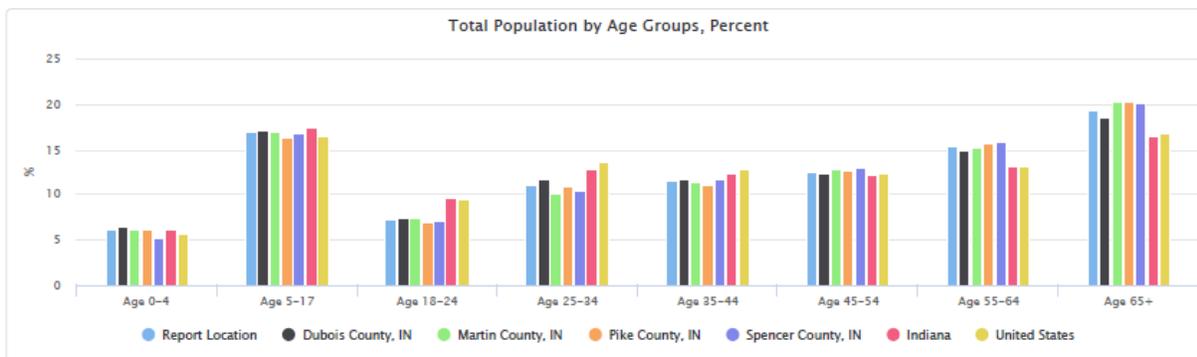


## Total Population by Age Groups, Percent

This indicator reports the percentage of age groups in the population of the report area.

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
Report Location	6.05%	16.92%	7.27%	11.09%	11.55%	12.55%	15.29%	19.28%
Dubois County, IN	6.39%	17.17%	7.38%	11.65%	11.68%	12.28%	15%	18.45%
Martin County, IN	6.02%	16.9%	7.37%	10.22%	11.28%	12.86%	15.13%	20.21%
Pike County, IN	6.17%	16.27%	7%	10.99%	11.04%	12.57%	15.66%	20.3%
Spencer County, IN	5.21%	16.8%	7.14%	10.35%	11.71%	12.96%	15.78%	20.04%
Indiana	6.02%	17.45%	9.65%	12.77%	12.37%	12.12%	13.12%	16.49%
United States	5.55%	16.51%	9.43%	13.53%	12.73%	12.33%	13.1%	16.83%

Data Source: US Census Bureau, Decennial Census, 2020.

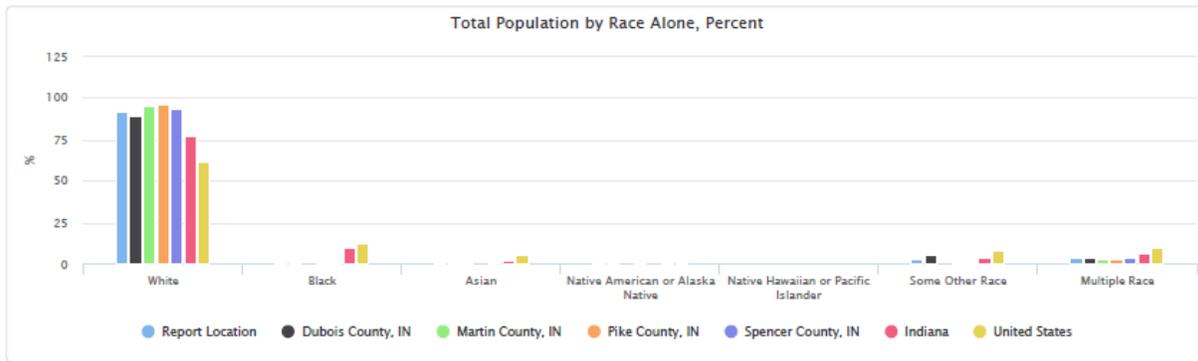


## Total Population by Race Alone, Percent

This indicator reports the percentage of population by race alone in the report area.

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Report Location	91.81%	0.46%	0.44%	0.32%	0.01%	3.31%	3.66%
Dubois County, IN	89.06%	0.46%	0.57%	0.34%	0.01%	5.64%	3.91%
Martin County, IN	95.44%	0.2%	0.37%	0.21%	0.06%	0.23%	3.48%
Pike County, IN	95.64%	0.32%	0.12%	0.33%	0%	0.48%	3.1%
Spencer County, IN	93.67%	0.66%	0.37%	0.31%	0.01%	1.45%	3.53%
Indiana	77.25%	9.56%	2.48%	0.38%	0.05%	3.85%	6.44%
United States	61.63%	12.4%	6%	1.12%	0.21%	8.42%	10.21%

Data Source: US Census Bureau, Decennial Census, 2020.

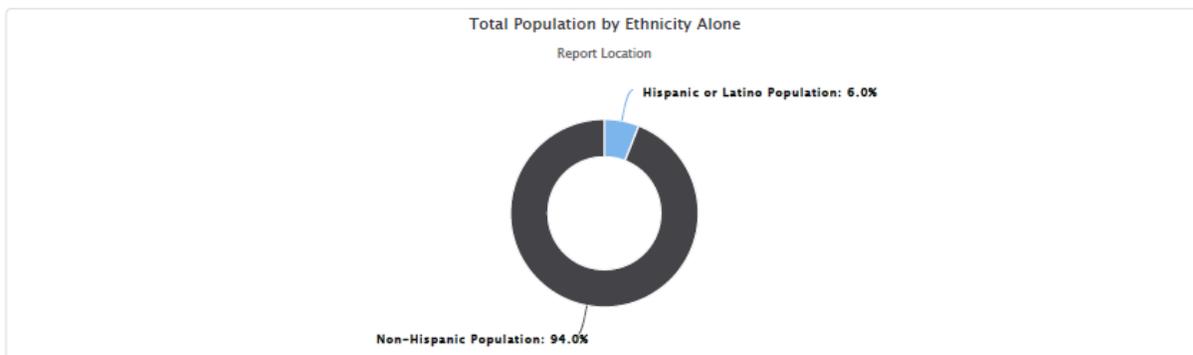


## Total Population by Ethnicity Alone

This indicator reports the total population of the report area by ethnicity alone.

Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
Report Location	85,509	5,094	5.96%	80,415	94.04%
Dubois County, IN	43,637	4,146	9.5%	39,491	90.5%
Martin County, IN	9,812	92	0.94%	9,720	99.06%
Pike County, IN	12,250	180	1.47%	12,070	98.53%
Spencer County, IN	19,810	676	3.41%	19,134	96.59%
Indiana	6,785,528	554,191	8.17%	6,231,337	91.83%
United States	331,449,281	62,080,044	18.73%	269,369,237	81.27%

Data Source: US Census Bureau, Decennial Census, 2020.



## Population by Combined Race and Ethnicity

This indicator reports the percentage of the total population in the report area by combined race and ethnicity.

Note: Some of the combined race/ethnicity groups use acronyms for their names in the following table and chart. The full forms are as followed:

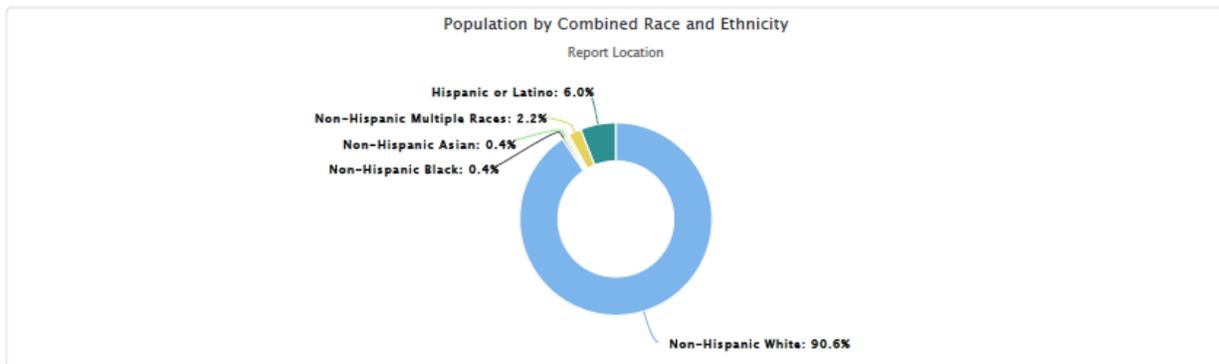
Non-Hispanic NAAN = Non-Hispanic Native American or Alaska Native

Non-Hispanic NPI = Non-Hispanic Native Hawaiian or Pacific Islander

Non-Hispanic Other = Non-Hispanic Some Other Race

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic NAAN	Non-Hispanic NPI	Non-Hispanic Other	Non-Hispanic Multiple Races	Hispanic or Latino
Report Location	90.64%	0.43%	0.43%	0.18%	0.01%	0.16%	2.18%	5.96%
Dubois County, IN	87.4%	0.44%	0.57%	0.13%	0.01%	0.2%	1.76%	9.5%
Martin County, IN	95.14%	0.2%	0.34%	0.2%	0.06%	0.11%	3.01%	0.94%
Pike County, IN	95.23%	0.25%	0.12%	0.32%	0%	0.09%	2.51%	1.47%
Spencer County, IN	92.72%	0.65%	0.37%	0.22%	0.01%	0.14%	2.48%	3.41%
Indiana	75.47%	9.39%	2.46%	0.19%	0.04%	0.37%	3.91%	8.17%
United States	57.84%	12.05%	5.92%	0.68%	0.19%	0.51%	4.09%	18.73%

Data Source: US Census Bureau, Decennial Census, 2020.

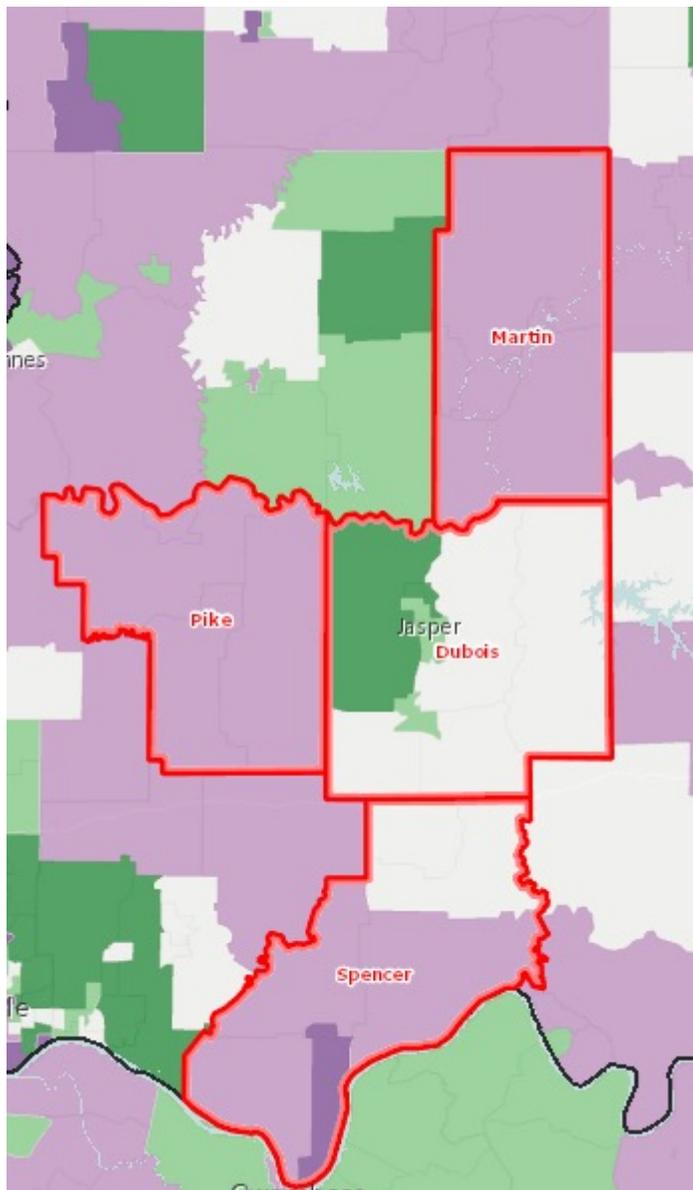
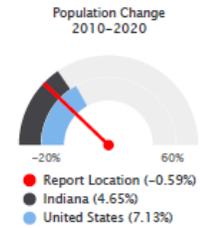


## Total Population Change, 2010 - 2020

According to the United States Census Bureau Decennial Census, between 2010 and 2020 the population in the report area fell by -511 persons, a change of -0.59%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2010 Census	Total Population, 2020 Census	Population Change, 2010-2020	Population Change, 2010-2020, Percent
Report Location	86,020	85,509	-511	<b>-0.59%</b>
Dubois County, IN	41,889	43,637	1,748	4.17%
Martin County, IN	10,334	9,812	-522	-5.05%
Pike County, IN	12,845	12,250	-595	-4.63%
Spencer County, IN	20,952	19,810	-1,142	-5.45%
Indiana	6,483,799	6,785,528	301,729	4.65%
United States	312,471,161	334,735,155	22,263,994	7.13%

*Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, Decennial Census, 2020. Source geography: Tract*



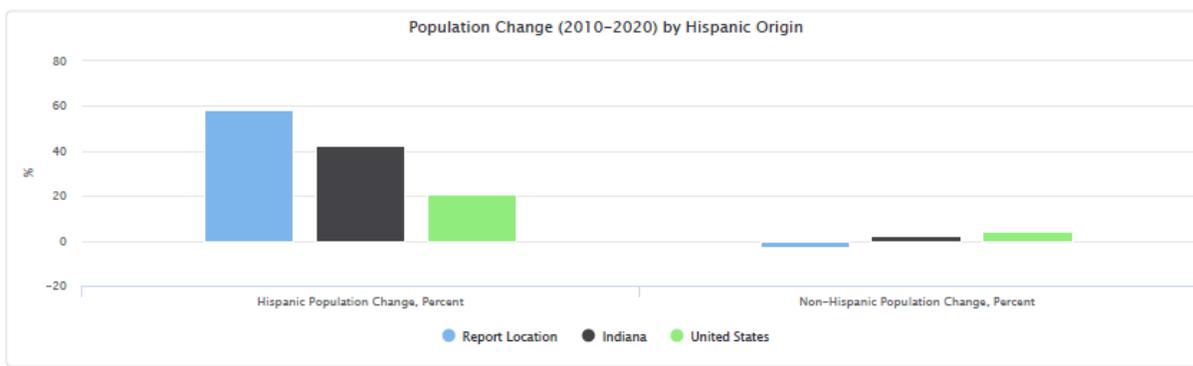
**Population Change, Percent by Tract, US Census Bureau 2010 - 2020**

- Over 10.0% Increase ( + )
- 2.0 - 10.0% Increase ( + )
- Less Than 2.0% Change ( +/- )
- 2.0 - 10.0% Decrease ( - )
- Over 10.0% Decrease ( - )
- No Population or No Data
- Report Location

## Population Change (2010-2020) by Hispanic Origin

This indicator reports the Hispanic or Latino population change in the report area.

Report Area	Hispanic Population Change, Total	Hispanic Population Change, Percent	Non-Hispanic Population Change, Total	Non-Hispanic Population Change, Percent
Report Location	1,866	57.81%	-2,377	-2.87%
Dubois County, IN	1,625	64.46%	123	0.31%
Martin County, IN	22	31.43%	-544	-5.30%
Pike County, IN	60	50.00%	-655	-5.15%
Spencer County, IN	159	30.75%	-1,301	-6.37%
Indiana	164,483	42.21%	137,244	2.25%
United States	11,163,011	20.61%	11,100,922	4.30%



## SOCIAL DETERMINANTS OF HEALTH

Social determinants of health (SDOH) have a major impact on people's health, well-being, and quality of life. Examples of SDOH include:

- Safe housing, transportation, and neighborhoods
- Racism, discrimination, and violence
- Education, job opportunities, and income
- Access to nutritious foods and physical activity opportunities
- Polluted air and water
- Language and literacy skills

SDOH also contribute to wide health disparities and inequities. For example, people who don't have access to grocery stores with healthy foods are less likely to have good nutrition. That raises their risk of health conditions like heart disease, diabetes, and obesity — and even lowers life expectancy relative to people who do have access to healthy foods.

Just promoting healthy choices won't eliminate these and other health disparities. Instead, public health organizations and their partners in sectors like education, transportation, and housing need to take action to improve the conditions in people's environments.

– Healthy People 2030 (<https://health.gov/healthypeople>)

## Social Vulnerability Index (SoVI)

The degree to which a community exhibits certain social conditions, including high poverty, low percentage of vehicle access, or crowded households, may affect that community's ability to prevent human suffering and financial loss in the event of disaster. These factors describe a community's social vulnerability.

The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability. The report area has a social vulnerability index score of 0.10, which is less than the state average of 0.46.

Report Area	Total Population	Socioeconomic Theme Score	Household Composition Theme Score	Minority Status Theme Score	Housing & Transportation Theme Score	Social Vulnerability Index Score
Report Location	85,431	0.09	0.22	0.21	0.22	0.10
Dubois County, IN	42,534	0.07	0.32	0.32	0.24	0.12
Martin County, IN	10,169	0.16	0.25	0.14	0.39	0.18
Pike County, IN	12,364	0.10	0.12	0.03	0.20	0.07
Spencer County, IN	20,364	0.10	0.07	0.13	0.11	0.05
Indiana	6,696,893	0.44	0.50	0.50	0.46	0.46
United States	326,569,308	0.54	0.48	0.71	0.62	0.58

Social Vulnerability Index Score



Note: This indicator is compared to the state average.  
Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, CDC - GRASP, 2020. Source geography: Tract

## Households with No Motor Vehicle

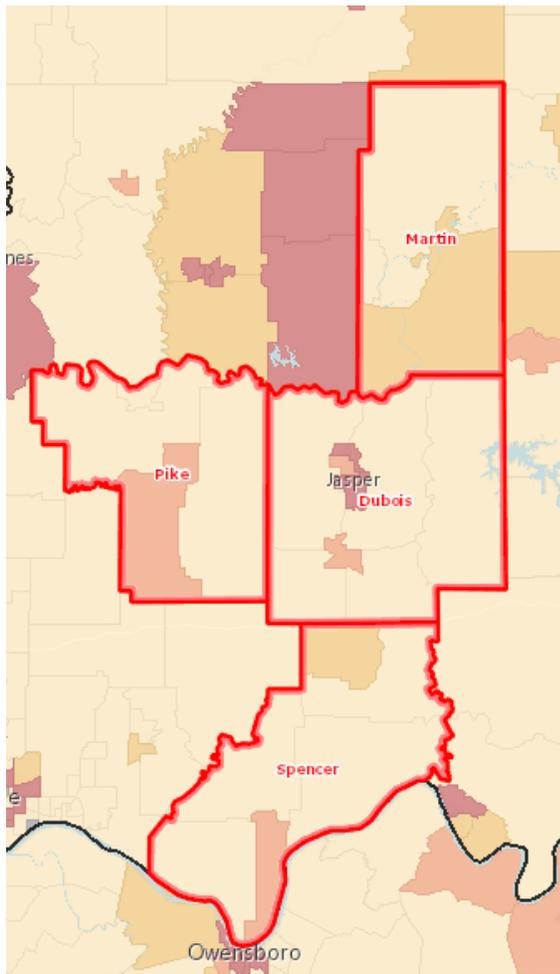
This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates. Of the 34,215 total households in the report area, 1,389 or 4.06% are without a motor vehicle.

Report Area	Total Occupied Households	Households with No Motor Vehicle	Households with No Motor Vehicle, Percent
Report Location	34,215	1,389	4.06%
Dubois County, IN	17,274	807	4.67%
Martin County, IN	3,944	127	3.22%
Pike County, IN	5,127	205	4.00%
Spencer County, IN	7,870	250	3.18%
Indiana	2,622,601	160,347	6.11%
United States	124,010,992	10,349,174	8.35%

Percentage of Households with No Motor Vehicle



Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract



Households with No Vehicle, Percent by Tract, ACS 2017-21

- Over 8.0%
- 6.1 - 8.0%
- 4.1 - 6.0%
- Under 4.1%
- No Data or Data Suppressed
- Report Location

## Foreign-Born Population

This indicator reports the percentage of the population that is foreign-born. The foreign-born population includes anyone who was not a U.S. citizen or a U.S. national at birth. This includes any non-citizens, as well as persons born outside of the U.S. who have become naturalized citizens. The native U.S. population includes any person born in the United States, Puerto Rico, a U.S. Island Area (such as Guam), or abroad of American (U.S. citizen) parent or parents. The latest figures from the U.S. Census Bureau show that 2,716 persons in the report area are of foreign birth, which represents 3.18% of the report area population. This percentage is less than the national average of 13.60%.

Report Area	Total Population	Naturalized U.S. Citizens	Population w/o U.S. Citizenship	Total Foreign-Birth Population	Foreign-Birth Population, Percent of Total Population
Report Location	85,528	923	1,793	2,716	3.18%
Dubois County, IN	43,474	675	1,433	2,108	4.85%
Martin County, IN	9,885	3	5	8	0.08%
Pike County, IN	12,220	48	48	96	0.79%
Spencer County, IN	19,949	197	307	504	2.53%
Indiana	6,751,340	150,809	214,948	365,757	5.42%
United States	329,725,481	23,141,369	21,703,439	44,844,808	13.60%

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract

## Veteran Population

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II. Of the 65,506 population of the report area, 5,205 or 7.95% are veterans.

Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Report Location	65,506	5,205	7.95%
Dubois County, IN	32,784	2,121	6.47%
Martin County, IN	7,534	857	11.38%
Pike County, IN	9,621	726	7.55%
Spencer County, IN	15,567	1,501	9.64%
Indiana	5,154,502	364,706	7.08%
United States	254,296,179	17,431,290	6.85%

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract

## Employment - Labor Force Participation Rate

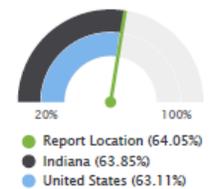
The table below displays the labor force participation rate for the report area. According to the 2017 – 2021 American Community Survey, of the 67,950 working age population, 43,522 are included in the labor force. The labor force participation rate is 64.05%.

Report Area	Total Population Age 16+	Labor Force	Labor Force Participation Rate
Report Location	67,950	43,522	64.05%
Dubois County, IN	33,983	22,998	67.68%
Martin County, IN	7,918	4,632	58.50%
Pike County, IN	9,885	5,824	58.92%
Spencer County, IN	16,164	10,068	62.29%
Indiana	5,343,229	3,411,413	63.85%
United States	264,087,642	166,672,597	63.11%

Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: County

Labor Force Participation Rate



## Employment - Unemployment Rate

Total unemployment in the report area for the current month equals 1,339, or 3.0% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Report Location	44,069	42,730	1,339	3.0%
Dubois County, IN	21,960	21,346	614	2.8%
Martin County, IN	5,356	5,201	155	2.9%
Pike County, IN	5,862	5,648	214	3.7%
Spencer County, IN	10,891	10,535	356	3.3%
Indiana	3,431,073	3,302,685	128,388	3.7%
United States	169,244,028	162,549,093	6,694,935	4.0%

Note: This indicator is compared to the state average.

Data Source: US Department of Labor, Bureau of Labor Statistics, 2023 - August. Source geography: County

Unemployment Rate: %



## Income - Median Household Income

This indicator reports median household income based on the latest 5-year American Community Survey estimates. This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not. Because many households consist of only one-person, average household income is usually less than average family income.

Report Area	Total Households	Average Household Income	Median Household Income
Report Location	34,215	\$77,234	No data
Dubois County, IN	17,274	\$79,356	\$65,389
Martin County, IN	3,944	\$67,405	\$57,199
Pike County, IN	5,127	\$69,440	\$57,283
Spencer County, IN	7,870	\$82,579	\$59,624
Indiana	2,622,601	\$81,703	\$61,944
United States	124,010,992	\$97,196	\$69,021

Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract

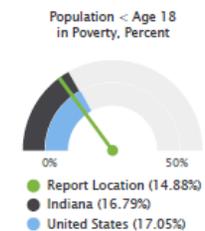
## Poverty - Children Below 100% FPL

In the report area 14.88% or 2,894 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population < Age 18	Population < Age 18 in Poverty	Population < Age 18 in Poverty, Percent
Report Location	83,796	19,455	2,894	14.88%
Dubois County, IN	42,565	10,488	1,762	16.80%
Martin County, IN	9,587	2,136	443	20.74%
Pike County, IN	11,952	2,514	281	11.18%
Spencer County, IN	19,692	4,317	408	9.45%
Indiana	6,550,921	1,555,165	261,181	16.79%
United States	321,897,703	72,996,065	12,443,424	17.05%

Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract



## Poverty - Population Below 100% FPL

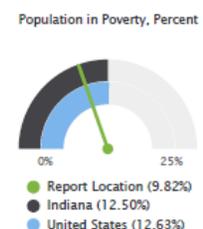
Poverty is considered a key driver of health status.

Within the report area 9.82% or 8,226 individuals for whom poverty status is determined are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population in Poverty	Population in Poverty, Percent
Report Location	83,796	8,226	9.82%
Dubois County, IN	42,565	4,363	10.25%
Martin County, IN	9,587	1,193	12.44%
Pike County, IN	11,952	1,213	10.15%
Spencer County, IN	19,692	1,457	7.40%
Indiana	6,550,921	819,005	12.50%
United States	321,897,703	40,661,636	12.63%

Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract

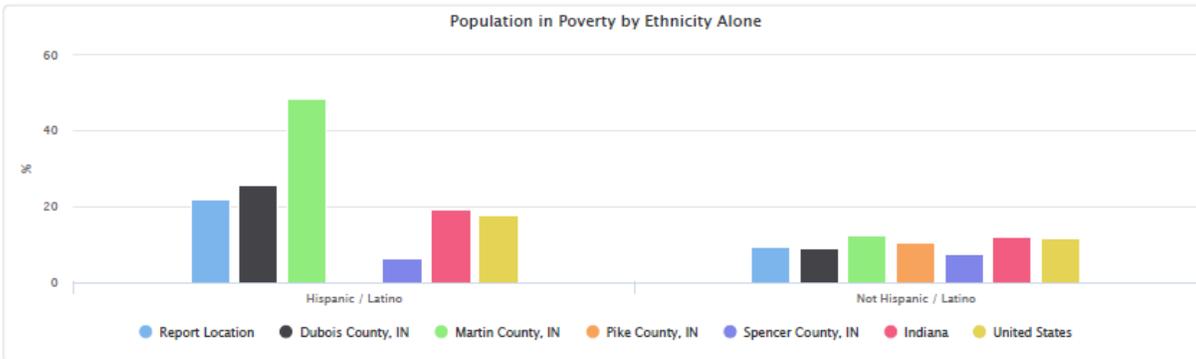


## Population in Poverty by Ethnicity Alone

This indicator reports the population in poverty in the report area by ethnicity alone.

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Report Location	970	7,256	21.94%	9.14%
Dubois County, IN	912	3,451	25.70%	8.85%
Martin County, IN	19	1,174	48.72%	12.30%
Pike County, IN	0	1,213	0.00%	10.35%
Spencer County, IN	39	1,418	6.45%	7.43%
Indiana	93,462	725,543	19.38%	11.96%
United States	10,560,320	30,101,316	17.71%	11.48%

Data Source: US Census Bureau, American Community Survey, 2017-21.



## Food Environment – Food Desert Census Tracts

This indicator reports the number of neighborhoods in the report area that are within food deserts. The USDA Food Access Research Atlas defines a food desert as any neighborhood that lacks healthy food sources due to income level, distance to supermarkets, or vehicle access. The report area has a population of 0 living in food deserts and a total of 0 census tracts classified as food deserts by the USDA. To qualify as a food desert tract, at least 33 percent of the tract's population or a minimum of 500 people in the tract must have low access to a supermarket or large grocery store.

Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Report Location	86,020	0	19	0	86,020
Dubois County, IN	41,889	0	7	0	41,889
Martin County, IN	10,334	0	3	0	10,334
Pike County, IN	12,845	0	4	0	12,845
Spencer County, IN	20,952	0	5	0	20,952
Indiana	6,483,802	291	1,216	1,135,595	5,348,207
United States	308,745,538	9,293	63,238	39,074,974	269,670,564

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas, 2019. Source geography: Tract

## Population with Limited English Proficiency by Language Spoken at Home

This indicator reports the total population aged 5 and older who speak a language other than English at home and speak English less than "very well" by language spoken at home in the report area.

Report Area	Spanish	Other Indo-European Languages	Asian and Pacific Island Languages	Other Languages
Report Location	1,384	148	29	36
Dubois County, IN	1,194	139	0	36
Martin County, IN	3	0	4	0
Pike County, IN	10	2	0	0
Spencer County, IN	177	7	25	0
Indiana	109,723	37,629	43,161	10,363
United States	16,079,944	3,497,837	4,875,197	1,082,281

Data Source: US Census Bureau, American Community Survey, 2017-21.

## CLINICAL CARE AND PREVENTION

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

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

### Insurance - Uninsured Population (ACS)

The lack of health insurance is considered a key driver of health status. In the report area 4.67% of the total civilian non-institutionalized population are without health insurance coverage. The rate of uninsured persons in the report area is less than the state average of 7.97%. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Uninsured Population	Uninsured Population, Percent
Report Location	84,166	3,930	4.67%
Dubois County, IN	42,747	1,933	4.52%
Martin County, IN	9,651	735	7.62%
Pike County, IN	12,037	498	4.14%
Spencer County, IN	19,731	764	3.87%
Indiana	6,655,804	530,422	7.97%
United States	324,818,565	28,489,142	8.77%

Note: This indicator is compared to the state average.  
Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract

Uninsured Population, Percent

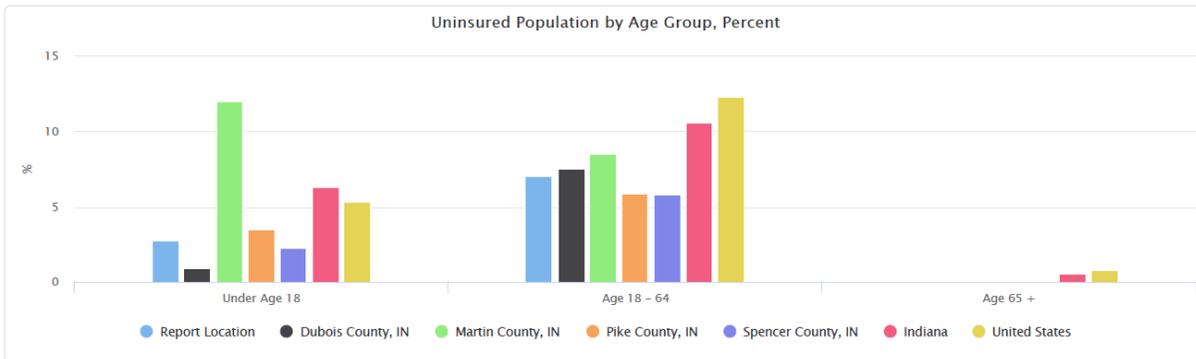


## Uninsured Population by Age Group, Percent

This indicator reports the percentage of uninsured population by age group.

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Report Location	2.76%	6.98%	0.00%
Dubois County, IN	0.91%	7.47%	0.00%
Martin County, IN	11.96%	8.47%	0.00%
Pike County, IN	3.47%	5.88%	0.00%
Spencer County, IN	2.26%	5.84%	0.00%
Indiana	6.32%	10.61%	0.53%
United States	5.30%	12.29%	0.80%

Data Source: US Census Bureau, American Community Survey, 2017-21.



## Uninsured Population by Ethnicity Alone

This indicator reports the uninsured population by ethnicity alone.

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Report Location	647	3,283	14.55%	4.12%
Dubois County, IN	597	1,336	16.70%	3.41%
Martin County, IN	0	735	0.00%	7.65%
Pike County, IN	0	498	0.00%	4.22%
Spencer County, IN	50	714	8.24%	3.73%
Indiana	84,796	445,626	17.30%	7.23%
United States	10,601,031	17,888,111	17.65%	6.76%

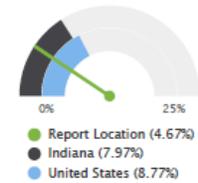
Data Source: US Census Bureau, American Community Survey, 2017-21.

## Insurance - Uninsured Population (ACS)

The lack of health insurance is considered a key driver of health status. In the report area 4.67% of the total civilian non-institutionalized population are without health insurance coverage. The rate of uninsured persons in the report area is less than the state average of 7.97%. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Uninsured Population	Uninsured Population, Percent
Report Location	84,166	3,930	4.67%
Dubois County, IN	42,747	1,933	4.52%
Martin County, IN	9,651	735	7.62%
Pike County, IN	12,037	498	4.14%
Spencer County, IN	19,731	764	3.87%
Indiana	6,655,804	530,422	7.97%
United States	324,818,565	28,489,142	8.77%

Uninsured Population, Percent



Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2017-21. Source geography: Tract

## Teen Births

This indicator reports the seven-year average number of births per 1,000 female population age 15-19. Data were from the National Center for Health Statistics - Natality files (2014-2020) and are used for the 2023 County Health Rankings. In the report area, of the 18,517 total female population age 15-19, the teen birth rate is 22.7 per 1,000, which is less than the state's teen birth rate of 23.1.

Report Area	Female Population Age 15-19	Teen Births, Rate per 1,000 Female Population Age 15-19
Report Location	18,517	22.7
Dubois County, IN	9,623	20.4
Martin County, IN	1,984	27.2
Pike County, IN	2,504	29.6
Spencer County, IN	4,406	21.8
Indiana	1,557,836	23.1
United States	72,151,590	19.3

Teen birth rate per 1,000 female population, ages 15-19



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via County Health Rankings, 2014-2020. Source geography: County

## Cancer Screening - Mammogram (Medicare)

This indicator reports the percentage of female Medicare beneficiaries age 35 and older who had a mammogram in most recent reporting year. The American Cancer Society recommends that women age 45 to 54 should get a mammogram every year, and women age 55 and older should get a mammogram every other year. In the latest reporting period there were 18,181 Medicare beneficiaries in the report area, and 35% of female beneficiaries age 35 or older had a mammogram in the past year. The rate in the report area was higher than the state rate of 34% during the same time period.

Report Area	Medicare Beneficiaries	Female Beneficiaries with Recent Mammogram, Percent
Report Location	18,181	35%
Dubois County, IN	8,597	35%
Martin County, IN	2,247	31%
Pike County, IN	2,887	32%
Spencer County, IN	4,450	37%
Indiana	1,231,728	34%
United States	58,652,883	33%

Percentage of Female Medicare Beneficiaries Age 35+ with Recent Mammogram



Note: This indicator is compared to the state average.  
Data Source: Centers for Medicare and Medicaid Services, *Mapping Medicare Disparities Tool*. 2021. Source geography: County

## Diabetes Management - Hemoglobin A1c Test

This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. Data is obtained from the Dartmouth Atlas Data - Selected Primary Care Access and Quality Measures (2008-2019). This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

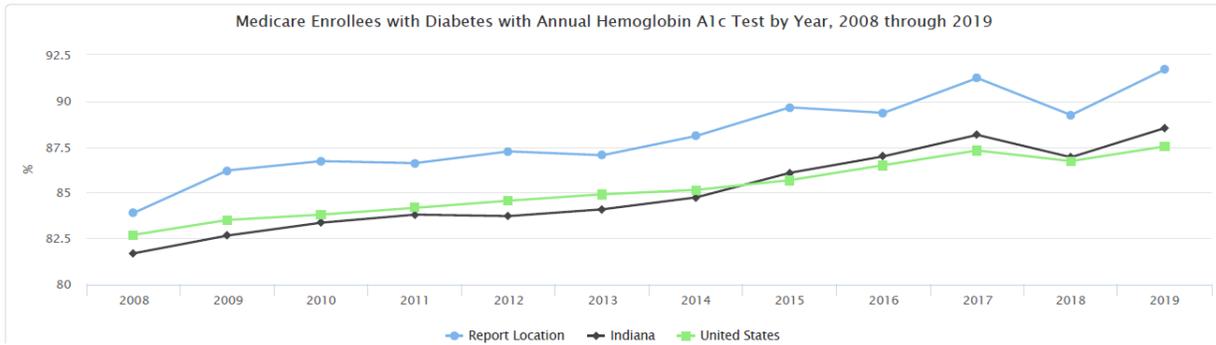
As of year 2019, 1,408 or 91.73% Medicare enrollees with diabetes have had an annual exam out of 1,535 Medicare enrollees with diabetes in the report area.

Report Area	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Medicare Enrollees with Diabetes with Annual Exam, Percent
Report Location	1,535	1,408	91.73%
Dubois County, IN	685	633	92.41%
Martin County, IN	275	243	88.36%
Pike County, IN	233	216	92.70%
Spencer County, IN	342	316	92.40%
Indiana	87,321	77,302	88.53%
United States	6,792,740	5,945,988	87.53%

Percentage of Medicare Enrollees with Diabetes with Annual A1C Test



Note: This indicator is compared to the state average.  
Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, *Dartmouth Atlas of Health Care*. 2019. Source geography: County



### Hospitalizations - Preventable Conditions

This indicator reports the preventable hospitalization rate among Medicare beneficiaries for the latest reporting period. Preventable hospitalizations include hospital admissions for one or more of the following conditions: diabetes with short-term complications, diabetes with long-term complications, uncontrolled diabetes without complications, diabetes with lower extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, bacterial pneumonia, or urinary tract infection. Rates are presented per 100,000 beneficiaries. In the latest reporting period there were 18,181 Medicare beneficiaries in the report area. The preventable hospitalization rate was 2,389. The rate in the report area was lower than the state rate of 3,132 during the same time period.

Report Area	Medicare Beneficiaries	Preventable Hospitalizations, Rate per 100,000 Beneficiaries
Report Location	18,181	2,389
Dubois County, IN	8,597	2,079
Martin County, IN	2,247	2,343
Pike County, IN	2,887	3,069
Spencer County, IN	4,450	2,568
Indiana	1,231,728	3,132
United States	58,652,883	2,752

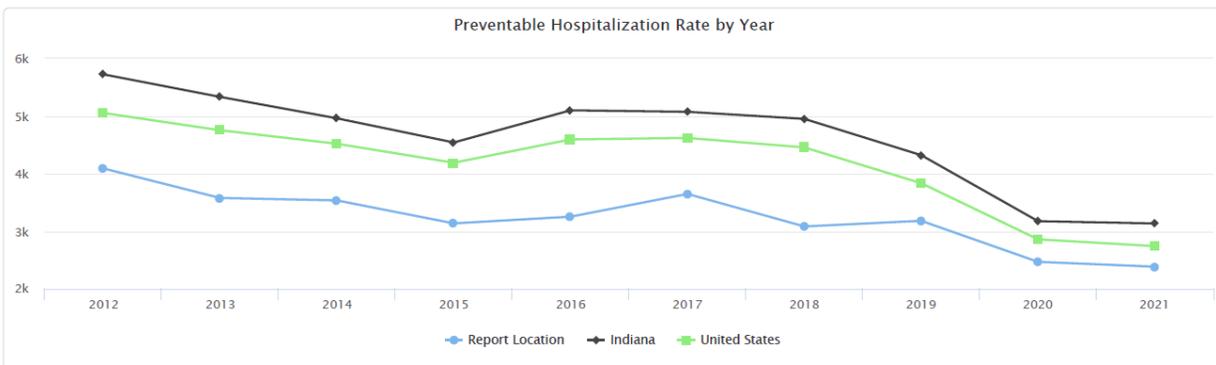
Preventable Hospital Events, Rate per 100,000 Beneficiaries



Note: This indicator is compared to the state average.  
 Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool, 2021. Source geography: County

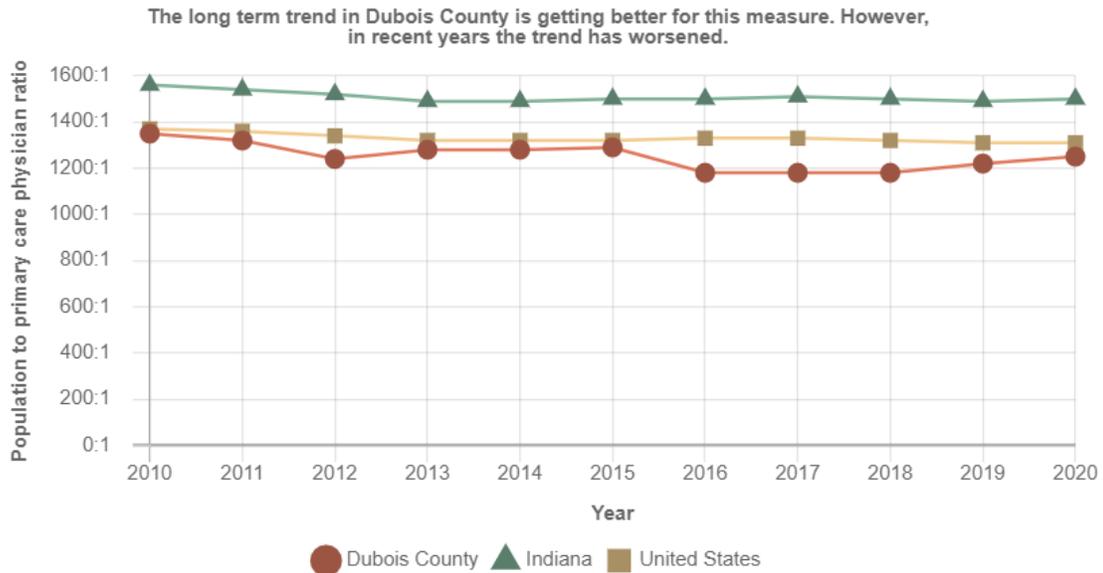
### Preventable Hospitalization Rate by Year

The table and chart below display local, state, and national trends in preventable hospitalization rates per 100,000 Medicare beneficiaries.



## Access to Primary Care Physicians

### Primary Care Physicians in Dubois County, IN County, state and national trends



Notes:

The data in this table reflect the average population served by a single primary care physician.

<https://www.countyhealthrankings.org/explore-health-rankings/indiana/dubois?year=2023>

## Access to Primary Care

Patient to Primary Care Physician Ratio	Dubois	Pike	Spencer	Martin	Indiana	United States
	1,250:1	4,130:1	3,370:1	5,040:1	1,500:1	1,310:1

Source: County Health Rankings 2020

Patient to Other Primary Care Providers Ratio	Dubois	Pike	Spencer	Martin	Indiana	United States
	950:1	2,020:1	1,980:1	3,260:1	830:1	810:1

Source: County Health Rankings 2022

## Access to Mental Health Services

Patient to Mental Health Provider Ratio	Dubois	Pike	Spencer	Martin	Indiana	United States
	750:1	3,040:1	2,470:1	9,780:1	530:1	340:1

Source: County Health Rankings 2022

## HEALTH BEHAVIORS

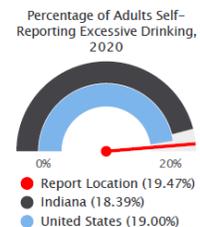
Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

### Alcohol - Heavy Alcohol Consumption

In the report area, 12,753, or 19.47% adults self-report excessive drinking in the last 30 days, which is greater than the state rate of 18.39%. Data for this indicator were based on survey responses to the 2020 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2023 County Health Rankings.

Excessive drinking is defined as the percentage of the population who report at least one binge drinking episode involving five or more drinks for men and four or more for women over the past 30 days, or heavy drinking involving more than two drinks per day for men and more than one per day for women, over the same time period. Alcohol use is a behavioral health issue that is also a risk factor for a number of negative health outcomes, including: physical injuries related to motor vehicle accidents, stroke, chronic diseases such as heart disease and cancer, and mental health conditions such as depression and suicide (Centers for Disease Control and Prevention, Preventing Excessive Alcohol Use, 2020).

Report Area	Population Age 18+	Adults Reporting Excessive Drinking	Percentage of Adults Reporting Excessive Drinking
Report Location	65,513	12,753	19.47%
Dubois County, IN	32,181	6,360	19.77%
Martin County, IN	7,850	1,422	18.12%
Pike County, IN	9,642	1,877	19.47%
Spencer County, IN	15,840	3,093	19.53%
Indiana	5,179,844	952,790	18.39%
United States	256,451,565	48,725,797	19.00%



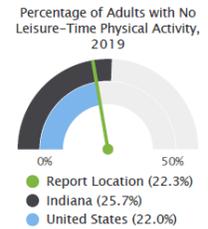
Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via County Health Rankings, 2020. Source geography: County

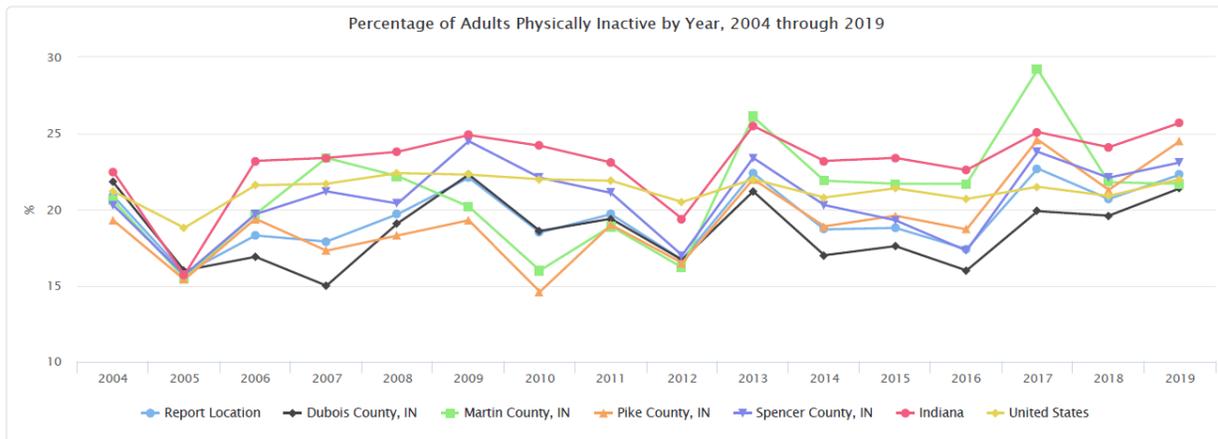
## Physical Inactivity

Within the report area, 15,140 or 22.3% of adults aged 20 and older self-report no active leisure time, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Report Area	Population Age 20+	Adults Age 20+ with No Leisure Time Physical Activity	Adults Age 20+ with No Leisure Time Physical Activity, Percent
Report Location	64,022	15,140	22.3%
Dubois County, IN	31,336	7,082	21.4%
Martin County, IN	7,784	1,806	21.7%
Pike County, IN	9,429	2,461	24.5%
Spencer County, IN	15,473	3,791	23.1%
Indiana	4,977,959	1,318,812	25.7%
United States	239,878,217	54,200,862	22.0%



Note: This indicator is compared to the state average.  
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2019. Source geography: County



Note: This indicator is compared to the state average.  
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2019. Source geography: County

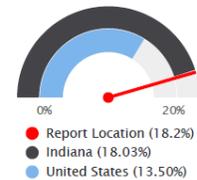
## Tobacco Usage - Current Smokers

This indicator reports the percentage of adults age 18 and older who report having smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days.

Within the report area there are 18.2% adults age 18+ who have smoked and currently smoke of the total population age 18+.

Report Area	Total Population	Adults Age 18+ as Current Smokers (Crude)	Adults Age 18+ as Current Smokers (Age-Adjusted)
Report Location	85,271	18.2%	19.0%
Dubois County, IN	43,549	17.50%	18.20%
Martin County, IN	9,780	20.20%	21.20%
Pike County, IN	12,144	19.90%	20.70%
Spencer County, IN	19,798	17.90%	18.60%
Indiana	6,805,985	18.03%	18.61%
United States	331,893,745	13.50%	13.80%

Percentage of Adults Age 18+ who are Current Smokers



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2021. Source geography: Tract

## HEALTH OUTCOMES

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

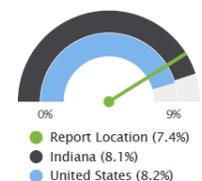
### Birth Outcomes - Low Birth Weight (CDC)

This indicator reports the percentage of live births where the infant weighed less than 2,500 grams (approximately 5 lbs., 8 oz.). These data are reported for a 7-year aggregated time period. Data were from the National Center for Health Statistics - Natality Files (2014-2020) and are used for the 2023 County Health Rankings.

Within the report area, there were 527 infants born with low birth weight. This represents 7.4% of the total live births.

Report Area	Total Live Births	Low Birthweight Births	Low Birthweight Births, Percentage
Report Location	7,121	527	7.4%
Dubois County, IN	3,850	296	8.0%
Martin County, IN	825	61	7.0%
Pike County, IN	962	81	8.0%
Spencer County, IN	1,484	89	6.0%
Indiana	574,203	46,605	8.1%
United States	26,896,859	2,203,029	8.2%

Percentage of Infants with Low Birthweight, %



Note: This indicator is compared to the state average.

Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2014-2020. Source geography: County

## Chronic Conditions - Diabetes Prevalence (Adult)

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

Within the report area, 5,746 of adults age 20 and older have diabetes. This represents 7.2% of all the adults age 20+.

Report Area	Population Age 20+	Adults Age 20+ with Diagnosed Diabetes	Adults Age 20+ with Diagnosed Diabetes, Age-Adjusted Rate
Report Location	63,989	5,746	7.2%
Dubois County, IN	31,301	2,598	6.8%
Martin County, IN	7,747	674	6.9%
Pike County, IN	9,441	1,048	8.8%
Spencer County, IN	15,500	1,426	7.3%
Indiana	4,974,719	550,572	9.8%
United States	239,919,249	24,189,620	9.0%

Percentage of Adults Age 20+ with Diagnosed Diabetes (Age-Adjusted), 2019



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2019. Source geography: County

## Chronic Conditions - Heart Disease (Medicare Population)

This indicator reports the number and percentage of the Medicare Fee-for-Service population with ischemic heart disease. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the Fee-for-Service program.

Within the report area, there were 3,680 beneficiaries with ischemic heart disease based on administrative claims data in the latest report year. This represents 25.0% of the total Medicare Fee-for-Service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Heart Disease	Beneficiaries with Heart Disease, Percent
Report Location	14,748	3,680	25.0%
Dubois County, IN	7,287	1,764	24.2%
Martin County, IN	1,935	487	25.2%
Pike County, IN	2,128	509	23.9%
Spencer County, IN	3,398	920	27.1%
Indiana	798,313	225,912	28.3%
United States	33,499,472	8,979,902	26.8%

Percentage of Medicare Beneficiaries with Heart Disease



Note: This indicator is compared to the state average.

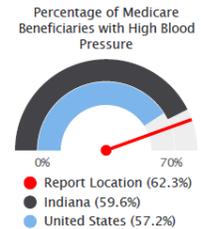
Data Source: Centers for Medicare & Medicaid Services, Centers for Medicare & Medicaid Services - Chronic Conditions. 2018. Source geography: County

## Chronic Conditions - High Blood Pressure (Medicare Population)

This indicator reports the number and percentage of the Medicare Fee-for-Service population with hypertension (high blood pressure). Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the Fee-for-Service program.

Within the report area, there were 9,194 beneficiaries with hypertension (high blood pressure) based on administrative claims data in the latest report year. This represents 62.3% of the total Medicare Fee-for-Service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with High Blood Pressure	Beneficiaries with High Blood Pressure, Percent
Report Location	14,748	9,194	62.3%
Dubois County, IN	7,287	4,532	62.2%
Martin County, IN	1,935	1,260	65.1%
Pike County, IN	2,128	1,383	65.0%
Spencer County, IN	3,398	2,019	59.4%
Indiana	798,313	475,937	59.6%
United States	33,499,472	19,162,770	57.2%



Note: This indicator is compared to the state average.

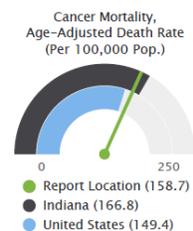
Data Source: Centers for Medicare & Medicaid Services, Centers for Medicare & Medicaid Services - Chronic Conditions, 2018. Source geography: County

## Mortality - Cancer

This indicator reports the 2016-2020 five-year average rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are re-summarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

Within the report area, there are a total of 954 deaths due to cancer. This represents an age-adjusted death rate of 158.7 per every 100,000 total population.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Report Location	85,547	954	223.0	158.7
Dubois County, IN	42,591	424	199.1	147.3
Martin County, IN	10,187	126	247.4	171.2
Pike County, IN	12,395	176	284.0	192.3
Spencer County, IN	20,374	228	223.8	155.9
Indiana	6,695,784	67,544	201.8	166.8
United States	326,747,554	2,998,371	183.5	149.4



Note: This indicator is compared to the state average.

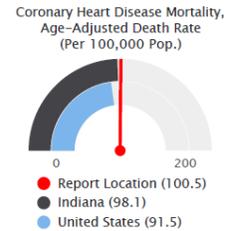
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER, 2016-20. Source geography: County

## Mortality - Coronary Heart Disease

This indicator reports the 2016-2020 five-year average rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are re-summarized for report areas from county level data, only where data is available. This indicator is relevant because coronary heart disease is a leading cause of death in the United States.

Within the report area, there are a total of 620 deaths due to coronary heart disease. This represents an age-adjusted death rate of 100.5 per every 100,000 total population.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Report Location	85,547	620	144.9	<b>100.5</b>
Dubois County, IN	42,591	317	148.9	104.9
Martin County, IN	10,187	77	151.2	103.9
Pike County, IN	12,395	88	142.0	93.8
Spencer County, IN	20,374	138	135.5	93.8
Indiana	6,695,784	39,451	117.8	98.1
United States	326,747,554	1,838,830	112.5	91.5



Note: This indicator is compared to the state average.

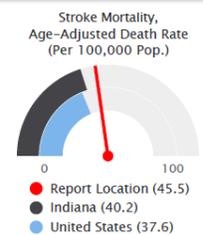
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER, 2016-2020. Source geography: County

## Mortality - Stroke

This indicator reports the 2016-2020 five-year average rate of death due to cerebrovascular disease (stroke) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are re-summarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

Within the report area, there are a total of 274 deaths due to stroke. This represents an age-adjusted death rate of 45.5 per every 100,000 total population.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Report Location	85,547	274	64.1	<b>45.5</b>
Dubois County, IN	42,591	142	66.7	47.4
Martin County, IN	10,187	37	72.6	53.4
Pike County, IN	12,395	45	72.6	49.4
Spencer County, IN	20,374	50	49.1	35.3
Indiana	6,695,784	16,019	47.8	40.2
United States	326,747,554	746,604	45.7	37.6



Note: This indicator is compared to the state average.

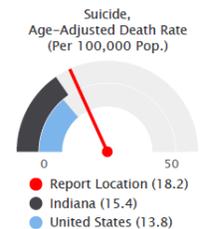
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER, 2016-2020. Source geography: County

## Mortality - Suicide

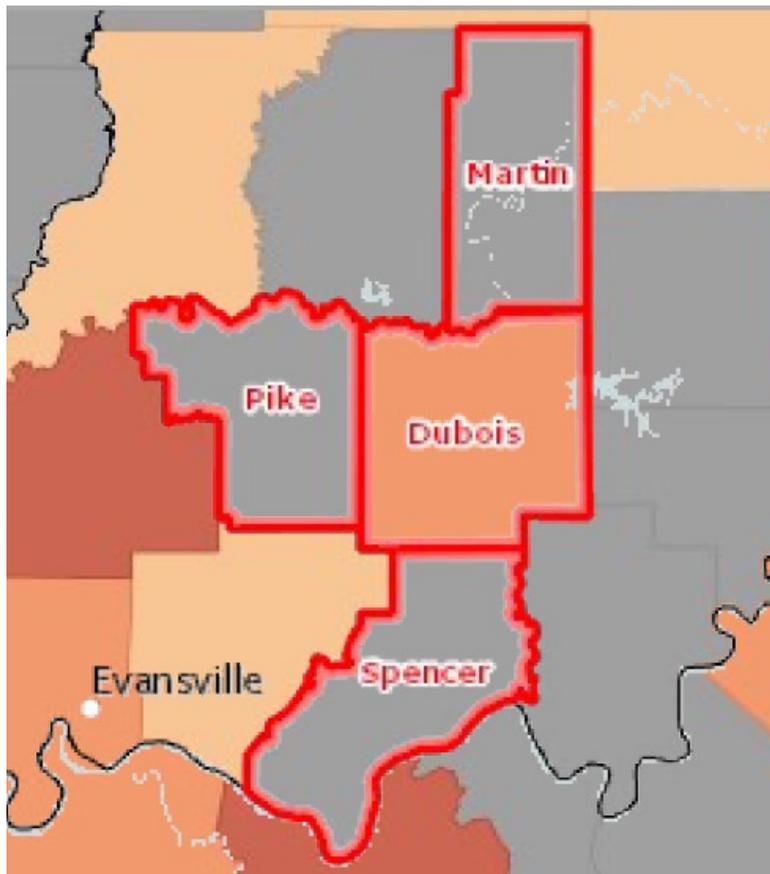
This indicator reports the 2016-2020 five-year average rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are re-summarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

Within the report area, there are a total of 65 deaths due to suicide. This represents an age-adjusted death rate of 18.2 per every 100,000 total population.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Report Location	85,547	65	17.3	<b>18.2</b>
Dubois County, IN	42,591	37	17.4	18.2
Martin County, IN	10,187	No data	No data	No data
Pike County, IN	12,395	12	No data	No data
Spencer County, IN	20,374	16	No data	No data
Indiana	6,695,784	5,201	15.5	15.4
United States	326,747,554	233,972	14.3	13.8



Note: This indicator is compared to the state average.  
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER, 2016-20. Source geography: County



### Suicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS

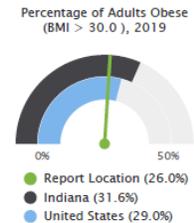
- Over 20.0
- 16.1 - 20.0
- 12.1 - 16.0
- Under 12.1
- Data Suppressed (<20 Deaths)
- Report Location

## Obesity

This indicator reports the number and percentage of adults aged 20 and older self-report having a Body Mass Index (BMI) greater than 30.0 (obese). Respondents were considered obese if their Body Mass Index (BMI) was 30 or greater. Body mass index (weight [kg]/height [m]<sup>2</sup>) was derived from self-report of height and weight. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Within the report area, there are a total of 16,938 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents a 26.0% of the survey population.

Report Area	Population Age 20+	Adults with BMI > 30.0 (Obese)	Adults with BMI > 30.0 (Obese), Percent
Report Location	64,021	16,938	26.0%
Dubois County, IN	31,331	9,368	29.3%
Martin County, IN	7,768	1,942	24.5%
Pike County, IN	9,451	2,410	25.2%
Spencer County, IN	15,471	3,218	20.4%
Indiana	4,977,132	1,583,750	31.6%
United States	239,867,275	69,961,348	29.0%

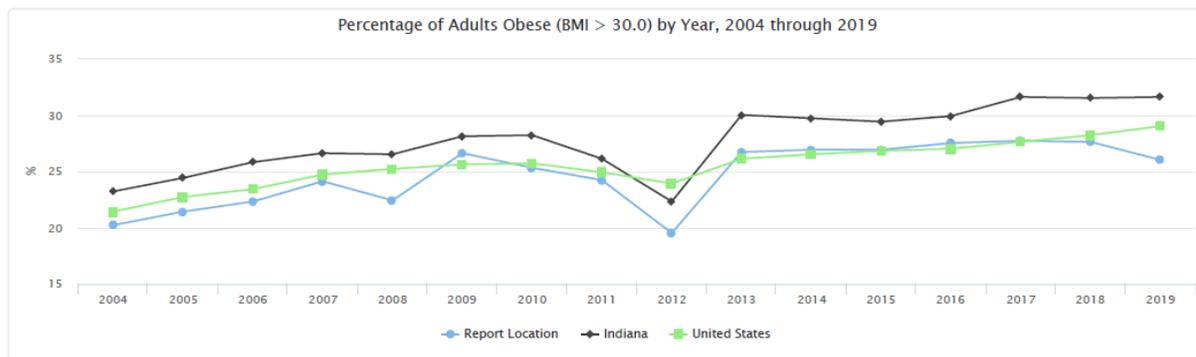


Note: This indicator is compared to the state average.  
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, 2019. Source geography: County

### Percentage of Adults Obese (BMI > 30.0) by Year, 2004 through 2019

The table below displays trends in the percentage of adults that are obese over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Report Location	20.2%	21.4%	22.3%	24.1%	22.4%	26.6%	25.3%	24.2%	19.5%	26.7%	26.9%	26.9%	27.5%	27.7%	27.6%	26.0%
Dubois County, IN	19.8%	21.2%	21.5%	23.2%	19.9%	30.2%	29.1%	26.1%	20.1%	25.3%	27.4%	26.8%	30.1%	25.1%	28.3%	29.3%
Martin County, IN	21.7%	22.9%	21.9%	24.1%	25.6%	22.8%	18.6%	21.5%	18.1%	31.4%	28.5%	28.9%	27.2%	27.4%	25.6%	24.5%
Pike County, IN	21.3%	21.7%	24.8%	24.7%	22.9%	21.1%	17.3%	21.1%	17.9%	27.9%	25.0%	25.7%	23.8%	29.7%	24.4%	25.2%
Spencer County, IN	19.5%	20.9%	22.4%	25.5%	25.4%	24.5%	26.3%	23.6%	19.9%	26.5%	26.4%	27.0%	24.5%	32.0%	29.3%	20.4%
Indiana	23.2%	24.4%	25.8%	26.6%	26.5%	28.1%	28.2%	26.1%	22.3%	30.0%	29.7%	29.4%	29.9%	31.6%	31.5%	31.6%
United States	21.4%	22.7%	23.4%	24.7%	25.2%	25.6%	25.7%	24.9%	23.9%	26.1%	26.5%	26.8%	27.0%	27.6%	28.2%	29.0%



## 1. Increased need for mental health resources

*“Additional behavioral/mental health services”*  
*“Lack of timely mental health treatment”*



## 2. Access to primary care and specialty care

*“Cardiology, Gastroenterology, Hematology/Oncology, OBGYN, Orthopaedics, ENT and Urology”*  
*“Long wait times”*  
*“Residency program is a strength”*



## 3. Diversity, equity and inclusion

*“Expand services with immigrant population”*  
*“Lack of diverse culture understanding”*  
*“Language barriers”*  
*“Failure to recognize cultural differences among employees”*  
*“Inclusion of ethnic cultures”*



## 4. Community outreach and education

*“Collaborate with community partners on programs, services, and education”*  
*“Sponsor population wellness initiatives”*  
*“Public education on getting access to primary care”*  
*“Continue support of the community”*  
*“Community focused”*



## 5. Transportation barriers

*“Transportation for patients”*  
*“Transportation concerns after transfer to another facility”*



Source: MHHCC Focus Group

# Appendix A

## PRIMARY SERVICE AREA ZIP CODES

### Zip Codes – Primary Service Area

#### **Dubois County**

47513 (Birdseye)  
47521 (Celestine)  
47527 (Dubois)  
47532 (Ferdinand)  
47541 (Holland)  
47542 (Huntingburg)  
47545 (Ireland)  
47546 (Jasper)  
47547 (Jasper)  
47549 (Jasper)  
47575 (Saint Anthony, Kyana)  
47580 (Schnellville)

#### **Martin County**

47522 (Crane)  
47553 (Loogootee)  
47581 (Shoals)

#### **Pike County**

47564 (Otwell)  
47567 (Petersburg)  
47584 (Spurgeon)  
47585 (Stendal)  
47590 (Velpen)  
47598 (Winslow)

#### **Spencer County**

47523 (Dale)  
47531 (Evanston)  
47536 (Fulda)  
47537 (Gentryville)  
47550 (Lamar)  
47552 (Lincoln City)  
47556 (Mariah Hill)  
47577 (St. Meinrad)  
47579 (Santa Claus)  
47588 (Troy)  
47611 (Chrisney)

### Zip Codes – Secondary Service Area

#### **Crawford County**

47116 (Eckerty)  
47118 (English)  
47123 (Grantsburg)  
47137 (Leavenworth)  
47140 (Marengo)  
47145 (Milltown)  
47174 (Sulphur)  
47175 (Taswell)

#### **Daviess County**

47501 (Washington)  
47519 (Cannelburg)  
47529 (Elnora)  
47558 (Montgomery)  
47562 (Odon)  
47568 (Plainville)

#### **Orange County**

47432 (French Lick)  
47452 (Orleans)  
47454 (Paoli)  
47469 (West Baden Springs)

#### **Perry County**

47514 (Branchville)  
47515 (Bristow)  
47520 (Cannelton)  
47525 (Derby)  
47551 (Leopold)  
47555 (Magnet)  
47574 (Rome)  
47576 (Saint Croix)  
47586 (Tell City)

# Appendix B

## ACRONYMS

ACS- American Community Survey

ALASI- Asociación Latinoamericana del Sur de Indiana

BMI- Body Mass Index

BRFSS- Behavioral Risk Factor Surveillance System

CDC-Centers for Disease Control

CHNA- Community Health Needs Assessment

EMS- Emergency Management Services

FPL- Federal Poverty Level

HRSA- Health Resources and Services Administration

LCM- Little Company of Mary

MHHCC- Memorial Hospital and Health Care Center

PSA- Primary Service Area

SDOH- Social Determinants of Health

SoVI- Social Vulnerability Index

SWOT- Strengths, Weaknesses, Opportunities, Threats

USDA- United States Department of Agriculture

# Appendix C

## LISTING OF MEMORIAL HOSPITAL AND HEALTH CARE CENTER CLINICS

# Memorial Hospital and Health Care Center Clinics

### DAVISS COUNTY:

**Country Health Center**  
5066 North 900 East  
Montgomery, IN 47558  
812-486-3396

**Memorial Health Washington**  
600 South State Road 57  
Washington, IN 47501  
Family Medicine: 812-257-1052  
Specialties: 812-674-4040

### DUBOIS COUNTY:

**Memorial Diabetes and Nutrition Clinic**  
721 West 13<sup>th</sup> Street, Suite 222  
Jasper, IN 47546  
812-996-0521

**Ferdinand Family Medicine**  
115 South Main Street, PO Box 280  
Ferdinand, IN 47532  
812-367-1906

**Heartland Cardiology**  
440 Scott Rolen Drive  
Jasper, IN 47546  
812-996-5656

**Holland Family Medicine**  
303 Meridian Street, PO Box 212  
Holland, IN 47541  
812-536-3943

**Huntingburg Clinic**  
407 East 22<sup>nd</sup> Street  
Huntingburg, IN 47542  
812-683-3612

**Jasper Pediatrics**  
721 West 13<sup>th</sup> Street, Suite 321  
Jasper, IN 47546  
812-996-7918

**Jasper Primary Care Physicians**  
1950 St. Charles Street, Suite 4  
Jasper, IN 47546  
812-482-9555

**Memorial Audiology Services**  
721 West 13<sup>th</sup> Street, Suite 222  
Jasper, IN 47546  
812-996-0227

**Memorial Counseling Center**  
721 West 13<sup>th</sup> Street, Suite 121  
Jasper, IN 47546  
812-996-5780

**Memorial ENT Associates**  
501 N. Truman Road  
Jasper, IN 47546  
812-996-5575

**Memorial Health Employer Services**  
695 West 2<sup>nd</sup> Street, Suite 1A  
Jasper, IN 47546  
812-996-5750

**Memorial Health Family Medicine**  
966 Bartley Street  
Jasper, IN 47546  
812-996-7810

**Memorial Health St. Charles**  
1950 St. Charles Street, Suite 5  
Jasper, IN 47546  
812-996-6050

**Memorial Hospital Rehabilitation Services**  
695 West 2<sup>nd</sup> Street, Suite D  
Jasper, IN 47546  
812-996-0682

**Memorial Hospital Sleep Center**  
721 West 13<sup>th</sup> Street, Suite 202  
Jasper, IN 47546  
812-996-2186

**Memorial Internal Medicine**  
751 West 9<sup>th</sup> Street  
Jasper, IN 47546  
812-996-7474

**Memorial Nephrology**  
751 West 9<sup>th</sup> Street  
Jasper, IN 47546  
812-996-7388

**Memorial Neurology Associates**  
St. Thomas Medical Center  
600 West 13<sup>th</sup> Street, Suite 205  
Jasper, IN 47546  
812-996-5781

**Memorial Orthopaedic Associates**  
695 West 2<sup>nd</sup> Avenue, Suite 2A  
Jasper, IN 47546  
812-996-5950

**Memorial Outpatient Surgery Center**  
St. Thomas Medical Center  
600 West 13<sup>th</sup> Street, Suite 100  
Jasper, IN 47546  
812-996-5800

**Memorial Pulmonology and Sleep Medicine**  
721 West 13<sup>th</sup> Street, Suite 221  
Jasper, IN 47546  
812-996-0564

**Memorial Surgical Associates**  
721 W 13<sup>th</sup> St. Suite 220  
Jasper, IN 47546  
812-996-6580

**Memorial Urology Associates**  
600 West 13<sup>th</sup> Street, Suite 105  
Jasper, IN 47546  
812-996-5850

**Memorial Wound Care**  
507 East 19<sup>th</sup> Street  
Huntingburg, IN 47542  
812-683-1891

**Multi-Specialty Clinic**  
721 West 13<sup>th</sup> Street, Suite 225  
Jasper, IN 47546  
812-996-0337

**Urgent Care Center**  
507 East 19<sup>th</sup> Street  
Huntingburg, IN 47542  
812-683-4717

### MARTIN COUNTY:

**Loogootee Family Medicine**  
105 Cooper Street, PO Box 401  
Loogootee, IN 47553  
812-295-2812

**Martin County Health Center**  
229 High Street, PO Box 480  
Shoals, IN 47581  
812-247-2733

### ORANGE COUNTY:

**French Lick Family Medicine**  
679 Highway 145  
French Lick, IN 47432  
812-936-6400

### PERRY COUNTY:

**Memorial Health Bristow**  
26020 State Road 145  
Bristow, IN 47515  
812-357-2099

### PIKE COUNTY:

**Petersburg Family Medicine**  
1003 East Illinois Street, PO Box 66  
Petersburg, IN 47567  
812-354-3458

### SPENCER COUNTY:

**Dale Family Medicine**  
4 West Vine Street, PO Box 599  
Dale, IN 47523  
812-937-7140

**Santa Claus Family Medicine**  
92 West Christmas Boulevard  
Santa Claus, IN 47579  
812-937-4120

Updated: 10/2023

# Appendix D

## LISTING OF MHHCC: PRIMARY CARE CLINICS ACCEPTING NEW PATIENTS

### PHYSICIANS, NURSE PRACTITIONERS and PHYSICIAN ASSISTANTS ACCEPTING NEW PATIENTS

#### Memorial Hospital and Health Care Center, 800 West 9<sup>th</sup> Street, Jasper, Indiana 47546

The following physicians and nurse practitioners have indicated to the hospital that they are accepting new patients. For more information about physician referral services, call (812) 996-2273.

For patients needing access to translation services, some offices offer access to **Translation Language Line**, a service that allows staff to communicate with patients who speak a language other than English.

Please ask about this service when calling the office.

Updated September 8, 2023

Family Practice	Office Address
Country Health Center Victoria Wolf, NP-C	5066 N 900 E Montgomery, IN 47558 812-486-3396
Dale Family Medicine Aaron Blair, M.D.	P.O. Box 599, 4 West Vine Street Dale, IN 47523 812-937-7140
Ferdinand Family Medicine Kelsey Kelly, PA-C	P.O. Box 280, 115 South Main Street Ferdinand, IN 47532 812-367-1906
French Lick Family Medicine David Zehr, FNP-C Mariah Messmer, FNP-C	679 Highway 145 French Lick, IN 47432 812-936-6400
Huntingburg Clinic C. Alex Perez, D.O. Angie Persohn, FNP-C	407 East 22 <sup>nd</sup> Street Huntingburg, IN 47542 812-996-3612
Loogootee Family Medicine Priya Alex, M.D. Veronica Delaney, FNP-C	P.O. Box 401, 105 Cooper Street Loogootee, IN 47553 812-295-2812
Martin County Health Center Jonathan Cropp, FNP-C Kristina "Tina" Troutman, FNP-C	P.O. Box 480, 250 High Street Shoals, IN 47581 812-247-2733
Memorial Health Family Medicine Family Medicine Residents  <b>Medicaid / uninsured / underinsured welcome</b>	966 Bartley Street Jasper, IN 47546 812-996-7810
Memorial Health Bristow Isaac Gatwood, M.D. S. Tia Keller, FNP-C	26020 State Road 145 Bristow, IN 47515 812-357-2099
Memorial Health Washington Taylor Popp, NP-C Tina Kelley, FNP-C Hillary Lawyer, AGPCNP-BC <b>(taking ages 13 and older only)</b>	600 South State Road 57, Suite A Washington, IN 47501 812-257-1052
Memorial Internal Medicine Cassie Robertson, D.O.	751 West 9 <sup>th</sup> Street Jasper, IN 47546 812-482-7474

# Appendix D

## LISTING OF MHHCC: PRIMARY CARE CLINICS ACCEPTING NEW PATIENTS

Petersburg Family Medicine Ben Stillman, D.O.	P.O. Box 66, 1003 E. Illinois Street Petersburg, IN 47567 812-354-3458
Santa Claus Family Medicine Debra Schroer, NP-C	92 West Christmas Blvd. Santa Claus, IN 47579 812-937-4120

<b>Internal Medicine</b>	<b>Office Address</b>
Jasper Primary Care Physicians Joseph Munning, M.D. <b>(on a limited basis)</b>	1950 St. Charles Street, Suite 4 Jasper, IN 47546 812-482-9555
Huntingburg Clinic Darin Thomas, M.D. <b>(Accepting new adult patients; 16 years+ on a limited basis)</b>	407 East 22 <sup>nd</sup> Street Huntingburg, IN 47542 812-996-3612

<b>Obstetrics/Gynecology</b>	<b>Office Address</b>
Jasper Obstetrics and Gynecology Megan Isaacs, M.D. Jennifer Lueken, M.D. Farah Snyder, M.D. (GYN only) Kristin Werne, M.D.	613 Dorbett Street Jasper, IN 47546 812-481-2229
Memorial Health Family Medicine Family Medicine Residents  <b>Medicaid / uninsured / underinsured welcome</b>	966 Bartley Street Jasper, IN 47546 812-996-7810

<b>Pediatrics</b>	<b>Office Address</b>
Jasper Pediatrics Ashton Dixon, D.O. Kathirene Wilcoxon, M.D. Mackenzie Betz, PA-C	721 West 13 <sup>th</sup> Street, Suite 321 Jasper, IN 47546 812-996-PEDS (7337)
Jasper Pediatrics - Memorial Health Washington Breanne Butler, M.D.	600 South State Road 57, Suite B Washington, IN 47501 812-996-PEDS (7337)
Jasper Primary Care Physicians Katherine Gehlhausen, M.D.  Dean Beckman, M.D. No new Medicaid patients New pediatric patients only	1950 St. Charles Street, Suite 4 Jasper, IN 47546 (812) 482-9555
Memorial Health St. Charles Lindsey Taylor, M.D.	1950 St. Charles Street, Suite 5 Jasper, IN 47546 812-996-6050

# Appendix E

## REFERENCES

- Centers for Disease Control and Prevention and the National Center for Health Statistics, [CDC - GRASP](#). 2020.
- Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via [County Health Rankings](#). 2020.
- Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Accessed via the [PLACES Data Portal](#). 2021.
- Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [CDC WONDER](#). 2016-2020.
- Centers for Disease Control and Prevention, [CDC - National Vital Statistics System](#). Accessed via [County Health Rankings](#). 2014-2020.
- Centers for Disease Control and Prevention, [Diabetes Data & Trends: Frequently Asked Questions \(FAQ\)](#). 2021.
- Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#). 2019.
- Centers for Medicare and Medicaid Services, [Centers for Medicare & Medicaid Services - Chronic Conditions](#). 2018.
- Centers for Medicare and Medicaid Services, [Mapping Medicare Disparities Tool](#). 2021.
- Dartmouth College Institute for Health Policy & Clinical Practice, [Dartmouth Atlas of Health Care](#). 2019.
- Healthy People 2030. Retrieved from <https://health.gov/healthypeople>. 2023.
- Indiana Hospital Association. Retrieved from <http://www.ihadatalink.org/>. 2022.
- IRS. [Community Health Needs Assessment for Charitable Hospital Organizations](#). 2023.
- National Center for Education Statistics, [NCES - Common Core of Data](#). 2020-2021.
- University of Wisconsin Population Health Institute, [County Health Rankings](#). 2014-2020.
- US Census Bureau, [Decennial Census](#). 2020.
- US Census Bureau, [American Community Survey](#). 2017-21.
- US Department of Labor, [Bureau of Labor Statistics](#). 2023 - August.
- US Department of Agriculture, Economic Research Service, [USDA - Food Access Research Atlas](#). 2019.